Mallard Pass
Solar Farm

Mallard Pass Solar Farm

Appendices to the Applicant's Responses to ExA's Second Written Questions

Deadline 5 (5th September 2023)

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Mallard Pass Solar Farm

Development Consent Order 202[x]

9.39 Appendices to the Applicant's Responses to ExA's Second Written Questions

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Appendices

Appendix A Q1.0.12 Recent Appeal Decisions

The Planning Inspectorate

Appeal Decision

Hearing held on 6 June 2023

Site visits made on 5 and 21 June 2023

by J Woolcock BNatRes MURP DipLaw MRTPI

an Inspector appointed by the Secretary of State

Decision date: 7 July 2023

Appeal Ref: APP/L3245/W/23/3314982
Land to the East of Squirrel Lane, Ledwyche, Ludlow, Shropshire SY8 4JX

- The appeal is made under section 78 of the Town and Country Planning Act 1990 against a refusal to grant planning permission.
- The appeal is made by Ledwyche Solar Limited against the decision of Shropshire Council.
- The application Ref: 22/02151/FUL, dated 27 April 2022, was refused by notice dated 13 October 2022.
- The development proposed is the formation of a solar farm including installation of solar panels, security fencing, CCTV cameras, an internal access track, underground cabling, invertors, substations, grid connection, environmental enhancement measures and other ancillary development.

Decision

1. The appeal is allowed and planning permission is granted for the formation of a solar farm including installation of solar panels, security fencing, CCTV cameras, an internal access track, underground cabling, invertors, substations, grid connection, environmental enhancement measures and other ancillary development at Land to the East of Squirrel Lane, Ludlow, Shropshire SY8 4JX in accordance with the terms of the application, Ref: 22/02151/FUL, dated 27 April 2022, and the plans submitted with it, subject to the conditions set out in the Schedule of Conditions attached to this decision.

Preliminary matters

2. The planning application was refused by Shropshire Council against the recommendation of its officers for conditional approval. The reason for refusal states that; "The application would result in the loss of best and most versatile agricultural land and would have an adverse effect on the setting of the AONB and public rights of way and hence would be contrary to paragraph 174B of the NPPF, Core Strategy Policy CS6 (and accompanying explanatory paragraphs) and policy DP26 of the emerging Shropshire Local Plan."

3. I made unaccompanied visits to the site and the locality on 5 and 21 June 2023. The latter with the benefit of the site visit itinerary agreed by the parties at the Hearing.[1] The 28.5 ha appeal site comprises two arable fields located between Ludlow and the Shropshire Hills Area of Outstanding Natural Beauty (AONB). There is an existing 10.5 ha solar farm at Henley located on the opposite side of Squirrel Lane and to the west of the appeal site.

[1] HD6.

4. Western Power Distribution indicated that the Ludlow substation had available capacity for up to 12 MW to be connected. The proposed solar farm would supply electricity to the national grid via a grid connection at Ludlow substation and would operate for 40 years. The arrays of solar panels would be 3 m above ground level except in the south-western part of the site where their height would be limited to 2.1 m. Supporting infrastructure would include inverters (2.6 m high), transformers (3.2 m high), switchgear enclosure (3.2 m high), substations (4.4 m high), communications building (4.4 m high) and a storage building (3.2 m high). Security would be provided by a 2 m high deer fence and a remote camera surveillance system. The proposed development would be accessed from Squirrel Lane, which joins the A4117 to the north of the appeal site. A new access track some 700 m long would be formed within the site.

5. The development plan for the area includes the Core Strategy, March 2011 (CS) and Site Allocations and Management of Development Plan, adopted in December 2015 (SAMDP). The Draft Shropshire Local Plan 2016-2038 was submitted to the Secretary of State in September 2021 (eLP). There are no objections to Policy DP26.2k of the eLP concerning large scale ground mounted solar photovoltaic solar farms. This policy largely reflects national policy and guidance. Policy DP26 refers to Policy DP18 regarding the use of agricultural land.

6. The appeal site is not subject to any specific landscape or environmental designations. However, CS Policy CS5 states that new development will be strictly controlled in accordance with national planning policies protecting the countryside. CS Policy CS6 seeks to create sustainable places with high quality development to achieve an environment that respects and enhances local distinctiveness and which mitigates and adapts to climate change. It adds that all development should ensure, amongst other things, that it; (1) protects, restores, conserves and enhances the natural and historic environment and is appropriate in scale, density, pattern and design taking into account the local context and character, and those features which contribute to local character, having regard to national and local design guidance, landscape character assessments and ecological strategies, and (2) makes the most effective use of land and safeguards natural resources including high quality agricultural land, soil and water.

7. I have had regard to the National Planning Policy Framework (NPPF) and Planning Practice Guidance (PPG) and taken into account the Landscape Institute's *Guidance for Landscape and Visual Impact Assessment* Third Edition (GLVIA3). Prior to the Hearing I requested the parties to include in the Statement of Common Ground their views about; (1) application of guidance in the PPG and GLVIA3 about cumulative impact assessment of large scale solar energy schemes, and (2) grid connection constraints/opportunities in the locality and in Shropshire.[2]

8. The appeal site is not included in the siting possibilities map produced by Zero Carbon Shropshire for ground mounted solar development.[3] The filters applied to identify siting possibilities excluded grade 1 and 2 quality agricultural land. At the time the appeal site was identified as grade 2 land in this strategic level assessment. A more detailed and site-specific assessment is now available.

[2] Statement of Common Ground with Appendix 1: Additional matters raised by the Inspector (SoCG).
[3] HD1.

The weight that the site possibilities map attracts is also limited by the fact that the document was not subject to formal public consultation other than a webinar.

Main issues

9. The main issues in this appeal are the effects of the proposed development on; (1) the character, appearance and amenity of the area, and (2) agricultural land, and whether the benefits of the proposed development would outweigh any harm having regard to relevant local and national policy.

Reasons

Landscape character

10. The appeal site lies within National Character Area:65 Shropshire Hills where a landscape of rugged hills contrasts with mixed agriculture in intervening valleys. In the County landscape character assessment, the majority of the site is within the Estate Farmlands Landscape Character Type (LCT). The northern part of the appeal site lies within the Principal Settled Farmlands LCT. The Pasture Hills LCT and the Upland Smallholdings LCT are further to the east.

11. The Estate Farmlands LCT is characterised as gently rolling lowland and valley floor landscapes with an ordered pattern of fields and woods creating framed views within medium to large scale landscapes with a strong rural character. During the construction period impacts on the rural landscape would be localised and temporary. When operational the solar arrays and associated infrastructure would be utilitarian structures in this countryside location. The metal and glass panels, along with their regular arrangement in long rows, would be out of keeping with the character of the area. The colour and texture of the panels would not be typical of the largely agricultural context, and so the proposed development would introduce a discordant element into the local landscape.

12. The appellant's finding of a very low magnitude of impact for the wider Estate Farmlands LCT understates the likely effect on landscape character. With medium sensitivity to the development proposed, and with a medium magnitude of effect, I consider that the proposal would have an adverse effect on the Estate Farmlands LCT of moderate significance.

13. The Principal Settled Farmlands LCT is a settled lowland landscape with scattered mixed farms in a medium scale landscape with predominantly filtered views. The proposed solar farm would have a limited effect on the key characteristics of this LCT, resulting in an adverse effect of minor/moderate significance. The elements of the Pasture Hills LCT combine to form small-medium scale landscapes, which offer filtered views through hedgerows and trees. Given the topography and restricted views the proposed development would have a minor effect on this LCT. The Upland Smallholdings LCT comprises the fringes of high moorland, largely within the AONB. The key characteristics of this LCT are its prominent sloping topography and small hedged pasture fields. Given the separation distance and limited intervisibility the proposed development would have a negligible impact on these landscape characteristics.

14. Overall, I find that the proposal would have an adverse effect on the landscape resource of moderate/minor significance.

Visual effects

15. The nearest parts of the AONB lie about 1.4 km to the north, and about 2.5 km to the east, of the appeal site. The appellant's Zone of Theoretical Visibility indicates the possibility of views from the AONB to the appeal site from the north (in the vicinity of Tar Grove) and from the north-east (in the vicinity of Farden). However, intervening vegetation prevents views of the appeal site from the Tar Grove area. Views from the AONB to the north-east of the proposed development are considered later in this section.

16. The eastern side of Squirrel Lane has a mature hedgerow that would, with appropriate management and infill planting, provide effective screening of the proposed solar farm in views from the lane. The same would apply to the southern boundary of the appeal site in views from Public Right of Way (PRoW) 0508/6Y/1, where there is a woodland belt. There would be brief views through gateways and in winter there would be the possibility of heavily filtered views into parts of the appeal site from these public routes, but these would be limited and not likely to result in any significant visual harm. The land rises up to the south and east of PRoW 0508/6Y/1, where Ledwyche Covert and the local topography effectively restricts views into the appeal site.

17. PRoW 0508/36/1 to the north of the appeal site extends eastward from the northern corner of the site towards Snitton. Views from the lower part of this footpath could be screened by mitigation planting. However, the land rises to the east and part of the solar farm would be visible from a section of about 270 m of this footpath at a distance ranging from 270 m to 540 m. Mitigation planting would in time filter and soften the impact of views from PRoW 0508/36/1 and reduce the adverse visual impact from moderate to minor significance.

18. There would also be some views of the solar farm from Snitton Lane and the PRoW network on elevated land at Snittongate, some 1.5 km to 2 km from the appeal site. It was apparent at my site visits that the northern and western parts of the proposed development would be seen as a linear feature appearing above intervening tree belts and below the line of trees along part of Squirrel Lane. The solar panels would be seen with a further tree belt and urban development in Ludlow beyond. These views also take in the National Grid interconnector substation on Squirrel Lane, business units and a park-and-ride carpark at Eco Park and a new housing development at Murchison Place, all beyond a tree belt to the south of the appeal site. Parts of the Henley solar farm are just discernible from some vantage points in this locality.

19. Further to the north-east the land rises higher up towards Farden Lane and the AONB near St Paul's Parish Church at Knowbury. Views of the proposed solar farm would be possible at a distance of about 2 km to 2.5 km from vantage points in the locality, including short sections of the Shropshire Way, some of which are within the AONB. However, the parts of the solar farm visible from these viewpoints would occupy only a small part of the expansive panorama looking across the valley towards Mortimer Forest and the hills beyond Ludlow.

20. The east/west orientation of the array of solar panels would to some extent soften the visual impact of the development in views from the north-east. It would mostly be the side or rear of the panels that would be visible, creating a noticeable change in tone and texture from the wider context of arable fields and woodland belts. However, the largely grey or darker tones would be

contained within the existing pattern of fields and woodland, which would limit the adverse visual impact in distant views. Nonetheless, given the sensitivity of receptors using the PRoW and enjoying the AONB, I consider that the views of the proposed development from the north-east would have an adverse visual impact of moderate/minor significance.

21. Taking all of the above into account, I consider that the proposed development would have an adverse effect on the visual amenity of the area of moderate/minor significance.

Setting of the AONB

22. The AONB has the highest status of protection in relation to landscape and scenic beauty. The NPPF adds that development within the setting of the AONB should be sensitively located and designed to avoid or minimise adverse impacts on the AONB. Policy P1 viii) of the AONB management plan states that development in the area around the AONB should be assessed for its impacts on the special qualities of the AONB itself, and also take account of the special qualities and landscape quality of the setting of the AONB. Measures to consider and mitigate such impacts should include; care over orientation, site layout, height and scale of structures and buildings; consideration of the landscape, land uses and heritage assets around and beyond the development site; careful use of colours, materials and nonreflective surfaces; restraint and care in the use of lighting.

23. The special qualities of the AONB include panoramic views that extend from, across and into the AONB, as well as unspoilt views. The rationale for the AONB in the management plan is that small and appropriate scale renewable energy generation can be accommodated within the landscape, drawing on the area's natural resources without harming its special qualities. It adds that larger scale installations should be outside the AONB.[4]

24. Views from the AONB are considered in the previous section of this decision. The proposal would not affect any views across the AONB. There are some vantage points near and to the west of the appeal site where it would be possible to see some of the proposed solar farm with parts of the AONB on the higher ground in the background. The most significant of these views would be from more elevated vantage points within and to the west of Ludlow where the solar farm would comprise a small element in distant views towards the AONB. The proposed development would not have an unacceptable adverse impact on views into the AONB.

25. The appeal site is part of the gently rolling lowland and valley floor landscape that is some distance from the AONB. It does not form part of the fringe slopes that rise up towards the AONB. In views from the AONB and its higher fringes the appeal site has a greater association with the nearby built development and infrastructure within Ludlow than it does with the AONB. It was apparent from my site visits that in these distant views the countryside to the immediate east of Ludlow makes a negligible contribution to the setting of the AONB. Notwithstanding that parts of the proposed development would be visible from some vantage points within the AONB and its setting, I find that the appeal scheme would have a negligible impact on the setting of the AONB. The

[4] HD4.

proposed development would not conflict with NPPF paragraph 176 or the AONB management plan.

Cumulative impact

26. In assessing cumulative impact GLVIA3 draws a distinction between focussing primarily on the additional effects of the main project under consideration, or on the combined effects of the past, present and future proposals together with the new project.[5] Incremental changes might not individually result in significant harm given the baseline, but cumulatively could result in a substantially different landscape and significantly diminish the visual quality of the area, compared to that which originally existed. It seems to me that whether the additional or combined effects should be assessed depends largely on the overall quality and importance of the original landscape and to what extent it warrants safeguarding.

27. Considering the quality of the landscape prior to the construction of the Henley solar farm, the area to the east of Ludlow was largely rural and characterised by arable fields interspersed with pockets of woodland. There is nothing to indicate that this area was recognised as having any specific characteristics or features over and above those that exist more generally in the open countryside of Shropshire. I find nothing in this case to justify applying a combined effects assessment and so have focussed on the additional effects of the appeal scheme.

28. There is an outstanding application for a 56.5 ha solar farm at Rock Farm to the immediate west of Henley solar farm and within some 340 m of the appeal site.[6] The effects of the Rock Farm scheme would need to be assessed having regard to the relevant baseline at the time that application is determined. That is not a matter for me in dealing with the current appeal. Nevertheless, the PPG advises that the information to inform landscape and visual impact assessments can usefully include applications received.[7] I have, therefore, taken both the Henley scheme and the Rock Farm application into account in assessing cumulative impact, and had regard to both in undertaking my site visits.[8]

29. The addition of the appeal scheme to a baseline that included the Henley and Rock Farm solar farms would adversely affect the fabric of the landscape to some extent because of the nature and scale of the development proposed for the appeal site. However, key characteristics of the landscape, including the field pattern and scattered woodland, would remain as significant landscape receptors. The additional effect of the appeal scheme would cumulatively have some impact on landscape character, but it would not result in the creation of a different landscape character type or sub-type. I consider that the addition of the appeal scheme to a landscape that included the existing Henley and proposed Rock Farm schemes would result in a cumulative landscape effect of

[5] GLVIA3 paragraph 7.18.
[6] Bitterley Parish Council Statement and paragraph 10 SoCG Appendix 1.
[7] First bullet point of Paragraph: 023 Reference ID: 5-023-20140306. This refers to windfarms, but Paragraph: 013 Reference ID: 5-013-20150327 states that; "The approach to assessing cumulative landscape and visual impact of large scale solar farms is likely to be the same as assessing the impact of wind turbines. However, in the case of ground-mounted solar panels it should be noted that with effective screening and appropriate land topography the area of a zone of visual influence could be zero."
[8] Paragraph 8 of Appendix 1 to the SoCG provides that the Inspector will be able to assess cumulative effects at the site visit.

minor significance over and above that which would result from the appeal scheme itself.

30. Cumulative visual effects can be either combined, where the observer can see two or more developments from one viewpoint, or sequential in that the observer would have to move to another viewpoint to see the development.[9] It was apparent from my site visits that opportunities to see both the appeal site and the Henley solar farm from one viewpoint are very limited. Such combined visual effects of the appeal scheme with the Rock Farm proposal would also be restricted by the local topography and woodland. However, it would be possible to see parts of these schemes from the same viewpoint at various locations on the higher land to the north-east, in the vicinity of Farden. The cumulative combined visual effect would be limited given the considerable viewing distances and wide panoramic view from these elevated viewpoints.

31. Receptors using Squirrel Lane would see glimpses of Henley solar farm to the south-west along parts of the lane, and from different parts of the lane would occasionally see glimpses of the appeal scheme to the south-east, resulting in an adverse sequential cumulative visual effect of slight significance. As receptors moved around the locality via other local roads and PRoW there would also be some limited opportunities to experience sequential cumulative visual effects. However, it was apparent from my site visits that these would be occasional rather than frequent given the distances and time lapses between appearances. The latter particularly so for walkers taking time to move between viewpoints.

32. I find that the addition of the appeal scheme with other development in the locality would result in a cumulative visual effect of minor significance over and above that which would result from the appeal scheme itself.

Agricultural land

33. There is local concern that the classification of the appeal site as 95% grade 3a agricultural land understates the quality of the land and its capacity to produce arable crops. However, there is no convincing evidence to dispute the assessment agreed between the appellant and Shropshire Council.[10] Grade 3a land is included in the definition of best and most versatile agricultural land for the purposes of applying national policy.[11]

34. I am satisfied that the appellant's site selection process reasonably takes into account relevant grid connection, environmental and heritage constraints, along with agricultural land quality considerations.[12] The main soil types within the search area for the proposed development, with the exception of land within the AONB, are predominantly grades 2 and 3a. The scheme proposes that the appeal site would remain in agricultural use, insofar as sheep would graze between the solar arrays. The change from arable to pasture would improve soil health. The reduction in the application of nitrogen fertiliser over

[9] Table 7.1 GLVIA3.
[10] SoCG paragraph 6.1.
[11] NPPF paragraph 174 b) provides that planning decisions should contribute to and enhance the natural and local environment by, amongst other things, recognising the economic and other benefits of the best and most versatile agricultural land. Footnote 58, albeit in a reference to plans, states that where significant development of agricultural land is demonstrated to be necessary, areas of poorer quality land should be preferred to those of a higher quality.
[12] Section 2.2 of the appellant's Planning Design and Access Statement April 2022 states that a 5 km search area was identified around the substation.

the 40-year period would reduce the risk of excessive nutrients leaching into Ledwyche Brook. It is also proposed that the site would be fully reinstated to a sole agricultural use when the solar farm ceased to operate. Sheep grazing and restoration of the site are both matters that could be addressed by the imposition of planning conditions.

35. The proposed development would be a significant farm diversification that would generate a secure and stable income for the Estate. Nevertheless, taking 27 ha of best and most versatile land out of arable production for 40 years would have an adverse economic impact on local agricultural productivity. The Estate owners of the appeal site consider that less intensive farming of the solar farm site would free up resources to work other parts of the Estate more efficiently. But no detail was adduced at the Hearing to indicate how any such benefits could be quantified or secured. This argument attracts little weight.

36. Taking all these matters into account, I consider that underutilising a significant area of grade 3a best and most versatile agricultural land for such a long period would result in an adverse effect of moderate significance.

Renewable energy

37. Shropshire Council declared a climate emergency in 2018. The proposed development would contribute 12 MW to the generating capacity of Shropshire and would support the transition to a low carbon future. This is an important consideration in determining this appeal.

38. The main parties agree that grid capacity forms a significant constraint to the location of solar farms both nationally and in Shropshire, but acknowledge that the presence of a suitable grid connection should not on its own be sufficient to override all other considerations and establish an imperative to approve a solar farm development.[13] Nevertheless, given the constraints on grid capacity it is important to take advantage of available capacity where solar photovoltaic development is or can be made acceptable.

39. Mitigating climate change and moving to a low carbon economy are included as objectives in achieving sustainable development in the NPPF. I consider that the renewable energy benefits of the proposed development should be given substantial weight in favour of allowing the appeal.

Other matters

40. The proposal includes planting trees and new hedgerows (170 m and 260 m), along with a wildflower meadow (1.5 ha), that would, with appropriate management, result in a biodiversity net gain. Subject to the imposition of appropriate planning conditions the scheme would result in a biodiversity benefit of minor significance.

41. There is local concern about the effects of construction traffic on Squirrel Lane and especially for the listed bridge to the south of the appeal site. The lane is narrow with limited passing places and the bridge has been damaged by vehicles in the past. There are other legislative provisions to impose restrictions on vehicles using the public highway, and to repair highway damage. I am satisfied that these other regulatory regimes are capable of

[13] SoCG Appendix 1 paragraphs 12 and 13.

regulating the relevant highway issues in this case. In the circumstances that apply here, construction traffic could be reasonably controlled by means of an approved construction traffic management plan.

42. The proposed solar farm would cause no harm to the setting of the heritage assets at Henley Hall because of the 250 m separation distance and intervening mature tree belt.[14] Archaeology is a matter that could be addressed here by the imposition of a planning condition. I concur with the main parties that the proposal would not harm other heritage assets or their setting.[15]

43. The nearest dwelling would be some 120 m from the proposed solar panels. With landscaping the scheme would have a negligible effect on views from nearby dwellings. The evidence indicates that the scheme would not have an unacceptable adverse effect on the residential amenity of the occupiers of dwellings in the locality, or neighbouring land uses, by reason of glint or glare.

44. Third parties raised issues about the likely effects of the proposed development on recreation, drainage and noise. Local concern about negative impacts on the recreational benefits of the area and tourism are not supported by substantive evidence. A SuDS type drainage system within the site is proposed to reduce the rate of run-off to the adjacent water course. The evidence before me indicates that noise is a matter that could be reasonably addressed by the imposition of appropriate planning conditions.

45. I was referred to other decisions for solar farms, but do not find these very helpful because much depends on the particular circumstances in those cases. I have determined this appeal on its own merits. I have taken into account all other matters raised in the evidence but have found nothing to outweigh the main considerations that lead to my conclusions.

Planning balance and policy

46. Paragraph 174 b) of the NPPF provides that planning decisions should contribute to and enhance the natural and local environment by, amongst other things, recognising the intrinsic character and beauty of the countryside. Given my findings about landscape, visual and cumulative effects, I consider that overall, the proposed development would have an adverse effect on the character and appearance of the area of moderate/minor significance. This harm would endure for the 40-year operational lifetime of the proposed development and should be given moderate weight. The harm I have identified to agricultural productivity is of moderate significance and should attract moderate weight.

47. The minor benefits of the scheme to biodiversity should be given slight weight in the planning balance given that the site would be restored to full agricultural use after 40 years. The benefits of renewable energy and contribution to climate change mitigation attract substantial weight given local and national policy support. In my judgement, the planning balance here falls in favour of the proposal.

[14] The heritage assets at Henley Hall include a grade II listed historic park and 5 grade II listed buildings.
[15] SoCG paragraph 6.2.

48. Subject to the imposition of appropriate planning conditions, I find no conflict with CS Policy CS5 about the countryside. The scheme would comply with CS Policy CS6 because it would assist in mitigating climate change while respecting local distinctiveness. It would also accord with eLP Policy DP26. Given my finding about the planning balance in this case, I find no conflict with eLP Policy DP18, which states that development should avoid best and most versatile agricultural land wherever possible, unless the need for and benefit of the development justifies the scale and nature of the loss.

Conditions

49. Bitterley Parish Council suggested a number of additional conditions to those agreed by the appellant and the local planning authority if planning permission was granted. These were discussed at the without-prejudice discussion about conditions at the Hearing. Revised suggested conditions were agreed between the appellant and the local planning authority.[16] Some of the wording of the suggested conditions would need to be amended in the interests of precision and enforceability.

50. In addition to the standard commencement condition, it would be necessary to define the permission and ensure the development was carried out in accordance with the approved plans (Conditions 1-3). A revised Construction Traffic Management Plan would be required, and a haul route prescribed, in the interests of highway safety (Conditions 4 and 5). Landscape and biodiversity conditions, including approval of a Tree Protection Plan as insufficient details are included in Appendix 2B Biodiversity Management Plan, would be necessary to safeguard the local environment (Conditions 6-9 and 11).

51. A Construction Environmental Management Plan would need to be approved, to include noise mitigation, in the interests of the amenity of the area (Condition 10). Lighting would need to be controlled to safeguard wildlife (Condition 12). Fencing should be specified in the interests of the appearance of the area (Condition 13). An archaeology condition would deal adequately with local heritage considerations (Condition 14).

52. Provisions for a complaints procedure and a local community liaison group would be necessary to monitor the construction and operation of the solar farm (Conditions 15 and 16). Securing continued agricultural use of the site by grazing sheep would be necessary to accord with the scheme that was considered at the Hearing (Condition 17). The PPG provides that solar farms are normally temporary structures and planning conditions can be used to ensure that the installations are removed when no longer in use and the land is restored to its previous use (Condition 18). The scheme proposes a sustainable drainage system (SuDS) but details would need to be approved (Condition 19).

[16] HD5.

Conclusion

53. I find that the planning balance falls in favour of the proposed development, and that the appeal scheme would accord with the development plan taken as a whole. The impacts of the proposal can be made acceptable with the imposition of conditions and so the scheme would comply with paragraph 158 b) of the NPPF. I consider that the proposed solar farm gains support from the NPPF taken as a whole. For the reasons given I conclude that the appeal should succeed.

J Woolcock

INSPECTOR

APPEARANCES

FOR THE APPELLANT:

Gwion Lewis KC Landmark Chambers
John Ingham CMLI Director Stephenson Halliday
Alastair Field Director Reading Agricultural Consultants
Euan Hutchison MRTPI Associate Director Locogen
Stefano D'Ambrosio Solicitor
Richard Hillum Aukera Ltd
Nick Lumsden farmer

FOR SHROPSHIRE COUNCIL:

Grahame French Principal Planning Officer
Louise Evans Principal Planning Officer
Cllr Clare Wild
Cllr Andy Boddington

INTERESTED PARTIES:

Cllr Katharine Wheeler Bitterley Parish Council
Cllr Alison Holman Bitterley Parish Council

DOCUMENTS SUBMITTED AT THE HEARING

HD1 Zero Carbon Shropshire Plan 2021 and email dated 6 June 2023 concerning public consultation/adoption of the plan citing https://shropshire.maps.arcgis.com/apps/webappviewer/index.html?id=e3b884cadead4965a0462242a1bc62c0
and
https://zerocarbonshropshire.org/support-us/energy/renewable_energy_mapping_project/

HD2 Nature Scot Guidance – Assessing the cumulative landscape and visual impact of onshore wind energy developments https://www.nature.scot/doc/guidance-assessing-cumulative-landscape-and-visual-impact-onshore-wind-energy-developments)

HD3 Cllr Wild's written statement

HD4 Shropshire Hills AONB Management Plan 2019-2024

HD5 Additional conditions discussed at Hearing – wording agreed by appellant and Shropshire Council

HD6 Site visit itinerary

SCHEDULE OF CONDITIONS (1-19)

1. The development hereby permitted shall be commenced within 3 years of the date of this permission. This date is referred to hereinafter as 'the Commencement Date'. Written notification of the date when electricity is first exported from the solar farm hereby permitted to the electricity grid shall be submitted to the local planning authority no later than 14 days after the event. This date is referred to hereinafter as 'the First Export Date'.

2. Except as otherwise provided in the conditions attached to this permission the development hereby permitted shall be carried out in accordance with the application form dated 27 April 2022 and the accompanying planning statement and supporting documents and plans, including Drawing Nos.7325-DRW DES-0001 to 0012 and Drawing No.7325-DRW PROP-0013.

3. This permission shall relate only to the land edged red on Ledwyche Solar Farm Location Plan Drawing No.7325-DRW-PROP-0002-Location plan-v2.0, hereinafter referred to as 'the Site'.

4. No development shall take place until a revised Construction Traffic Management Plan (CTMP) has been submitted to and approved in writing by the local planning authority. The revised CTMP shall include details of how traffic will be managed along Squirrel Lane to minimise the risk of vehicles meeting with construction traffic and for the assessment and repair if necessary of any damage to the highway network. Construction shall be carried out in accordance with the approved CTMP.

5. The sole access to and from the Site during the construction and decommissioning periods shall be by means of the route shown on the approved plan titled Ledwyche Solar Farm Proposed Haul Route Figure 5.1 Drawing No.NEO00940/010I/B contained within the Construction Management Plan by Neo Environmental.

6. No development shall take place (including ground works and vegetation clearance) until a Tree Protection Plan has been submitted to and approved in writing by the local planning authority. The Tree Protection Plan shall provide for all trees on the Site to be retained throughout the construction phase and protected throughout the works in accordance with BS5837: Trees and Development. The approved measures shall be implemented in full prior to the commencement of any development related activities on site, and they shall thereafter be maintained for the duration of the site works. No material variation shall be made from the approved Tree Protection Plan without the prior written approval of the local planning authority. No development hereby permitted, including ground disturbance, siting of plant, equipment, buildings or bunds, shall take place within 2 metres of any hedgerow, without the prior written approval of the local planning authority. Where the approved Tree Protection Plan indicates that construction work is to take place within the Root Protection Area of any retained trees, large shrubs or hedges, prior to the commencement of any development works, an Arboricultural Method Statement (AMS) detailing how any approved construction works will be carried out, shall be submitted to and approved in writing by the local planning authority. The AMS shall include details about when and how the works will take place and be

managed; and how the trees, shrubs and hedges will be protected during such a process. The AMS shall be implemented in accordance with the approved details.

7. No development shall take place (including ground works and vegetation clearance) until a Landscape and Ecological Mitigation Plan has been submitted to and approved in writing by the local planning authority. The plan shall include:

   i. Planting plans, creation of wildlife habitats and features and ecological enhancements in accordance with Appendix 2B Biodiversity Management Plan (Neo Environmental, January 2022);
   ii. Written specifications for the establishment of planting and habitat creation;
   iii. Schedules of plants/seed mixes, noting species (including scientific names), planting sizes and proposed numbers/densities where appropriate;
   iv. Implementation timetables.

   Native species used are to be of local provenance (Shropshire or surrounding counties). The plan shall be carried out as approved. Planting and seeding shall be undertaken within the first available planting season following the completion of construction works and in accordance with a scheme which shall be submitted for approval in writing by the local planning authority. The scheme shall be implemented in accordance with the approved details. The developer shall notify the local planning authority in writing of the date when planting and seeding under the terms of this Condition has been completed.

8. All new planting within the Site shall be subject to aftercare and maintenance for a period of 5 years following planting, including weeding and replacement of failures.

9. All Site clearance, development, landscaping and biodiversity enhancements shall occur strictly in accordance with Appendix 2B Biodiversity Management Plan (Neo Environmental, January 2022).

10. No development shall take place (including ground works and vegetation clearance) until a Construction Environmental Management Plan (CEMP) has been submitted to and approved in writing by the local planning authority. The CEMP shall include:

    i. An appropriately scaled plan showing Wildlife/Habitat Protection Zones where construction activities are restricted and where protective measures will be installed or implemented;
    ii. Details of protective measures (both physical measures and sensitive working practices) to avoid impacts during construction;
    iii. Requirements and proposals for any site lighting required during the construction phase;
    iv. A timetable to show phasing of construction activities to avoid harm to biodiversity features and to avoid the bird nesting season;
    v. The times during construction when an ecological clerk of works needs to be present on site to oversee works;

vi. Pollution prevention measures, including noise mitigation;
vii. Identification of persons responsible for compliance with legal consents relating to nature conservation, compliance with planning conditions relating to nature conservation, installation of physical protection measures during construction, implementation of sensitive working practices during construction, regular inspection and maintenance of physical protection measures and monitoring of working practices during construction, along with provision of training and information about the importance of Wildlife Protection Zones to all construction personnel on site.

All construction activities shall be implemented strictly in accordance with the approved plan.

11. Within 28 days prior to any pre-development site enabling works an inspection for badgers and otters shall be undertaken by an appropriately qualified and experienced ecologist and the outcome reported in writing to the local planning authority prior to any development taking place. If new evidence, or a change in status, of badgers or otters is recorded during the pre-development survey then the ecologist shall submit a mitigation strategy, including a timetable for implementation, for prior written approval by the local planning authority that sets out appropriate actions to be taken during the construction stage. The mitigation strategy shall be implemented as approved.

12. Prior to the erection of any external lighting on the Site, a lighting plan shall be submitted to and approved in writing by the local planning authority. The lighting plan shall demonstrate that the proposed lighting will not impact upon ecological networks and/or sensitive features. The submitted scheme shall be designed to take into account the advice on lighting set out in the Institution of Lighting Professionals and Bat Conservation Trust's Guidance Note 08/18 Bats and artificial lighting in the UK (available at https://www.theilp.org.uk/documents/guidance-note-8-bats-and-artificiallighting/). All external lighting shall be installed strictly in accordance with the specifications and locations set out on the approved plan, and shall thereafter be retained for the lifetime of the development. Under no circumstances shall any other external lighting be installed without prior written approval from the local planning authority.

13. Fencing shall be provided strictly in accordance with the details shown on the approved fencing plan Drawing No.DES-0009 v1.0 Deer Fence. Site security shall be provided in accordance with the specifications detailed in the approved Drawing No.DES-0003 v1.0 CCTV Pole.

14. No development shall take place until the developer, or their agents or successors in title, has secured the implementation of a programme of archaeological work in accordance with a written scheme of investigation. This written scheme shall be approved in writing by the local planning authority prior to the commencement of works.

15. Prior to the Commencement Date the developer shall submit for the written approval of the local planning authority a Complaint Procedure Scheme for dealing with noise and other amenity related matters. The submitted scheme shall set out a system of response to verifiable complaints received by the local planning authority. This shall include:

    i. Investigation of the complaint;
    ii. Reporting the results of the investigation to the local planning authority;
    iii. Implementation of any remedial actions approved by the local planning authority within an approved timescale. The approved scheme shall be adhered to for the lifetime of the development hereby permitted.

16. Prior to the Commencement Date the developer shall convene a local Community Liaison Group (CLG) to consist of representatives on behalf of the developer, Bitterley Parish Council and the local planning authority. The CLG shall meet virtually or physically at intervals to be agreed by CLG members during the construction of the solar farm hereby permitted and then during the first five years of its operational life. The CLG shall facilitate dialogue and interaction between the developer and the local community, with a main focus on assisting the local planning authority to monitor the implementation of this permission, including:

    i. The approved Construction Traffic Management Plan (Condition 4);
    ii. The approved Landscape and Ecological Mitigation Plan (Condition 7) and the related aftercare/maintenance condition (Condition 8);
    iii. The approved Biodiversity Management Plan (Condition 9);
    iv. The approved Construction Environmental Management Plan (Condition 10),and ;
    v. The approved Complaint Procedure Scheme (Condition 15).
    vi. The approved SuDS scheme (Condition 19)

17. Prior to the Commencement Date the developer shall submit for the approval in writing of the local planning authority a scheme setting out the measures which shall be undertaken to facilitate sustainable sheep-grazing between the solar arrays, including grass sward specification and potential stocking type and density, for the duration of the operational life of the development. The scheme shall be implemented in accordance with the approved details and confirmation that the approved measures are being implemented shall be provided to the local planning authority upon prior written request.

18. The development hereby permitted shall be removed from the Site if the solar farm is no longer in use or after a period of 40 years from the First Export Date, whichever occurs earlier. No later than 6 months before the end of the 40-year period from the First Export Date, or within 6 months of the solar farm being no longer in use, a decommissioning and site restoration scheme, including a timetable for its implementation, shall be submitted for the written approval of the local planning authority. The scheme shall make provision for the removal of the solar panels and associated works approved under this permission, and for the reinstatement of the land within the Site so that with aftercare it is of the same grade of agricultural quality as when this permission was granted. The scheme shall include details of how traffic will be managed

along Squirrel Lane to minimise the risk of vehicles meeting with decommissioning traffic and for the assessment and repair if necessary of any damage to the highway network. The scheme, as approved, shall be implemented in accordance with the approved details.

19. No development shall take place until a sustainable drainage scheme (SuDS) has been submitted to and approved in writing by the local planning authority. The SuDS scheme shall:

i. Provide information about the design storm period and intensity, the method employed to delay and control the surface water discharged from the site and the measures taken to prevent pollution of the receiving groundwater and/or surface waters;
ii. Include a timetable for its implementation; and,
iii. Provide, a management and maintenance plan for the lifetime of the development which shall include the arrangements for adoption by any public authority or statutory undertaker and any other arrangements to secure the operation of the scheme throughout its lifetime.

The sustainable drainage scheme shall be implemented and thereafter managed and maintained in accordance with the approved details.

Lesley Griffiths AS/MS
Y Gweinidog Materion Gwledig a Gogledd Cymru, a'r Trefnydd
Minister for Rural Affairs and North Wales, and Trefnydd

Llywodraeth Cymru
Welsh Government

Ein cyf/Our ref qA1437022

Mr Peter Grubb
Savills (UK) Limited
York House
Blackbrook Business Park
Taunton
TA1 2PX

E-mail: [redacted]@savills.com

5 July 2023

Dear Mr Grubb,

TOWN AND COUNTRY PLANNING ACT 1990 – SECTION 62D AND SECTION 62F.
THE DEVELOPMENTS OF NATIONAL SIGNIFICANCE (WALES) REGULATIONS 2016.
APPLICATION BY: WENTLOOGE FARMERS' SOLAR SCHEME LIMITED
FOR: THE ERECTION OF A RENEWABLE ENERGY HUB COMPRISING GROUND MOUNTED SOLAR PANELS, BATTERY STORAGE UNITS (160 UNITS) WITH A COMBINED INSTALLED GENERATING CAPACITY OF UP TO 125MW, UNDERGROUND CABLING, GRID CONNECTION HUB, ASSOCIATED INFRASTRUCTURE, LANDSCAPING AND ENVIRONMENTAL ENHANCEMENTS, FOR A TEMPORARY PERIOD OF 40 YEARS.
SITE ADDRESS: LAND ON THE WENTLOOGE LEVELS TO THE WEST OF HAWSE LANE AND SOUTH OF THE CARDIFF TO NEWPORT RAILWAY LINE
APPLICATION REF: CAS-01772-Z5P5D2

1. Consideration has been given to the report of the Planning Inspectors.

2. In accordance with sections 62D and 62F of the Town and Country Planning Act 1990 and Regulation 3 of The Developments of National Significance (Specified Criteria and Prescribed Secondary Consents) (Wales) Regulations 2016, the application was made to the Welsh Ministers for determination.

Canolfan Cyswllt Cyntaf / First Point of Contact Centre:
0300 0604400
[redacted]

Bae Caerdydd • Cardiff Bay
Caerdydd • Cardiff
CF99 1SN

3. The Inspectors made a site visit on 23 November 2022. The Inspectors recommend planning permission be granted subject to conditions. A copy of the Inspectors' report ("IR") is enclosed. All references to paragraph numbers, unless otherwise stated, relate to the IR.

Main Considerations

4. The Inspector identifies the main considerations at IR 122:

(i) The effect on the green wedge, specifically:

a. whether the development is inappropriate development within the green wedge for the purpose of local and national planning policy;

b. the effect of the scheme on the openness of the green wedge and the purposes of including land within it;

c. if the scheme is inappropriate development, whether the harm by reason of inappropriateness, together with any other harm to the green wedge, is clearly outweighed by other considerations, so as to amount to the very exceptional circumstances necessary to justify the harm to the green wedge;

(ii) the effect on the landscape character and visual amenity of the area;

(iii) the effect on the historic landscape;

(iv) the effect on the ecology of the area, particularly the special features of the designated Sites of Special Scientific Interest ("SSSI") and protected species;

(v) whether the proposed development is acceptable within a floodplain, having regard to local and national planning policy;

(vi) the effect on traffic flows and highway safety, particularly during the construction phase; and

(vii) whether any harm identified in relation to the foregoing and any other considerations is outweighed by the benefits of the scheme, particularly its contribution to renewable energy generation and combating the climate change emergency.

5. Background

It is noted that a similar proposal on the site (reference DNS/3216558) and refused permission by the Welsh Minister, in a decision dated 10 September 2021. The current proposal represents a reduction in site area compared to the previous application, however, the applicant has confirmed the anticipated output of 125MW would be maintained due to recent improvements in panel efficiency and the proposed use of higher wattage panels.

Green Wedge

6. Given the close similarities of the proposal to the previous application scheme (DNS/3216558), and the lack of any substantively altered evidence in respect of the green wedge designation, the Inspectors consider there is nothing which leads them to a conclusion different to that of the previous Inspectors, and this is set out below. (IR 123)

7. The site is located within a green wedge. The Inspectors notes that Planning Policy Wales ("PPW") provides a general presumption against development which is inappropriate in relation to the purposes of the designation. Certain forms of development, including renewable and low carbon energy generation, may be appropriate in the green wedge 'provided they preserve its openness and do not conflict with the purposes of including land within it'. (IR 124 -126)

8. Policy SP7 "Green Wedges" of the Newport Local Development Plan ("LDP") explains its green wedges have been identified to prevent the coalescence of settlements, in this case Newport and Cardiff, and seeks to prevent development which prejudices the open nature of land. The Inspectors note the courts have held that the concept of openness is not limited to the visual aspect but also includes a spatial dimension. The Inspectors consider the presence of the proposed structures and apparatus on the ground would materially reduce the sense of openness which is a particular feature of the Levels landscape in this area. (IR 127-130)

9. The Inspectors considers the proposed solar arrays would retain an appearance which is more commonly associated with a countryside setting rather than an urban one. Therefore, the Inspectors states the scheme would not contribute to the coalescence of settlements or significantly erode the rural character of the area, or otherwise undermine the stated purposes of the green wedge, and there would be no conflict with the purpose of the designation. However, the scheme's harmful effect on openness means it constitutes inappropriate development, in conflict with LDP policy SP7. PPW sets out a presumption against inappropriate development in green wedges - it states that inappropriate development should not be granted planning permission except in very exceptional circumstances where other considerations clearly outweigh the harm which such development would do to the green wedge. Given the protective provisions of local and national policy, the Inspectors afford this harm significant weight. (IR 131-132)

10. The Inspectors consider, in the absence of suitable alternative sites, the scale of the benefits from the proposal clearly outweigh the identified harm to the green wedge, such that very exceptional circumstances exist to justify permitting this inappropriate development in the green wedge. (IR 133-136)

Landscape Character and Visual Amenity

11. With the exception of the reduction in site area and minor differences in written submissions and the Council's Local Impact Report ("LIR"), the Inspectors consider the evidence and other aspects of the proposal remain largely unaltered from the previous application (DNS/3216558), subject to minor amendments. (IR 137)

12. The application site falls with the Wentlooge Special Landscape Area ("SLA") as designated in the LDP. The Inspectors note that PPW recognises the value of all landscapes for their distinctive character and seeks to protect their special qualities and ensure the opportunities they provide, including for wellbeing, tourism and renewable energy are taken into account. (IR 138)

13. The ES includes a landscape and visual impact assessment (LVIA) that has been prepared in accordance with the Guidelines for Landscape and Visual Impact Assessment (3rd Edition) methodology. The Inspectors have noted the professional criticisms of aspects of the assessment and the comments of other parties. The Council and others have expressed concern that other elements of the scheme such as the telecommunications tower and the storage containers have not been specifically assessed in the LVIA. The Inspectors consider that in this context they would be minor elements which would not materially alter the effect of the solar arrays on the character of the landscape or its visual impact. Likewise, the Inspectors consider that in the context of arrays which would be some 2.7m high, the presence of a row of battery containers would not materially alter the impact of the scheme on the area's character or appearance. (IR 139-140)

14. The Inspectors are satisfied that any deficiencies in the LVIA do not undermine its robustness as a tool to assist the decision maker. The LVIA has informed the Inspectors' appraisal of this main consideration alongside other representations and the Inspectors' visit to the site, its surroundings and the Llanwern solar park. In assessing this main consideration, the Inspectors have focussed mainly on the operational period of the project as any impact from the construction phase is likely to be relatively short-lived. (IR 141-142)

Landscape Character

15. The Inspectors note the proposed scheme would retain the site's distinctive field pattern, the open expanse of primarily pastoral land, the distinctive pattern of reens and ditches, and its flat low lying landform which are all identified as distinctive landscape characteristics in the Gwent Levels Landscape Character Assessment in 2017. It would also retain the landscape's key qualities as identified in the same assessment. (IR 143-145)

16. The Inspectors acknowledge the development would be visible, particularly from close quarters, however, it would be seen in the context of the present field patterns which would continue to be framed by hedgerows and reeds which typify the landscape. On this matter, the Inspectors note whilst the presence of the development in the surrounding landscape would be clearly noticeable, it would not undermine its character. Any impact would reduce significantly with a relatively modest increase in distance from the site. (IR 146)

Visual Amenity

17. The Inspectors note the development has sought to avoid or mitigate potential landscape impacts. The photovoltaic panels would be seen within the existing field pattern and enclosing vegetation. Existing field boundaries would be utilised to minimise the need to create new accessways and breaches of field boundaries. The battery storage units would be painted green to sit within the landscape. The application initially indicated that some additional landscaping could be undertaken to further screen parts of the development. It has subsequently been accepted that the scope for such screening is limited given the importance of ensuring that any additional landscape planting is consistent with the present nature of vegetation which contributes to the open landscape. (IR 147)

18. The Inspectors have considered visual amenity in detail in IR 148-156 and have assessed impacts on receptors from a number of vantage points. The Inspectors note that PPW advises developers should, wherever possible, consider how to avoid, or otherwise minimise, adverse impacts through careful consideration of location, scale, design and other measures. The Inspectors are satisfied, when the scheme is considered in its entirety, that it is generally compliant with this policy advice. (IR 156)

19. Regarding cumulative impacts, the concerns raised by objectors to the incremental impact of several large solar arrays on the Levels are noted by the Inspectors, however, they consider the main effects of the scheme are on its immediate surroundings. The Inspectors are satisfied there is sufficient separation distance between this scheme and all the other projects assessed, including non-solar developments, to ensure that there would be no unacceptable cumulative effects on landscape character or visual amenity. (IR 157)

Conclusions on Landscape Character and Visual Amenity

20. The Inspectors find the character and visual amenity of the landscape would not be significantly affected. The proposal would not have an unacceptable adverse impact on the surrounding landscape and, therefore, aligns with criterion 1 of Future Wales policy 18. The Inspectors considers the scheme would not conflict with policy CE10 “Renewable Energy” of the LDP. (IR 158)

21. The Inspectors consider the scheme broadly accords with LDP policy SP5 “Countryside” as it is an appropriate use in the countryside, respects landscape character and is appropriate in scale and design. As its design shows a clear appreciation of the special features of the Special Landscape Area (“SLA”), and includes measures to protect and enhance those features, it aligns with LDP policy SP8 “Special Landscape Areas”. In line with LDP policy GP5 “General Development Principles – Natural Environment” the Inspectors considers the proposed development would not lead to an unacceptable impact on landscape quality and, as it would not be detrimental to the character or appearance of the surrounding area, it would accord with LDP policy GP2 “General Development Principles – General Amenity”. (IR 159)

Historic Landscape

22. PPW confirms that historic landscapes and archaeological remains can constitute historic assets and explains that the planning system must take into account the Welsh Government's objectives to protect, conserve, promote and enhance the historic environment as a resource for the general well-being of present and future generations. Among the specific objectives in this regard is to conserve archaeological remains, both for their own sake and for their role in education, leisure and the economy, and to protect areas on the register of historic landscapes in Wales. (IR 160)

Designated Historic Assets

23. The site lies with the Gwent Levels Historic Landscape of Outstanding Historic Interest in Wales ("LOHI"). The LOHI consists of 21 character areas which reflect locally distinctive features. The site lies within 2 of these: Western St Brides (Historic Landscape Character Area ("HLCA") 16) - 'simpler landscape, laid out within a framework of elements surviving from the Roman landscape'; and Maerdy (HLCA 21) - 'Regular landscape of medieval/post-medieval date in low-lying back-fen'. It lies adjacent to the Llanbedr character area (HLCA 17). (IR 161)

24. The Inspectors note the Western St Brides HLCA has suffered from modern disturbance of its landscape character through agricultural practices and the construction of a golf course and fishing lakes. The proposed solar farm lies on the western side of the area which is described as the least well-preserved part of the HLCA. The Maerdy HLCA has been impacted in recent times by agricultural practices and the railway line severing this part from the remainder of the HLCA. (IR 162)

25. The effect of the proposal on the registered Historic Landscape is the subject of an Assessment of the Significance of Impact of Development on Historic Landscape of Historic Interest in Wales 2 ("ASIDOHL"). The Inspectors note it is the upstanding historic character remnants (drainage features, footbridges, hedgerow pattern etc.) that make the most significant contribution to the landscape value. (IR 163)

26. In refusing the previous application, it was noted that the greatest impact of that scheme would be on Maerdy HLCA where the overall significance of impact was identified as 'severe'. Three HLCAs, including Western St Brides and Llanbedr, were assessed as experiencing a 'moderate' impact and three others as 'slight' impact. The Inspectors acknowledge that the Minister agreed with the finding of the previous Inspector that this would result in a significant harmful impact whilst recognising in relation to the Gwent Levels that the extent of that harm would be relatively localised. The Minister concluded that the impact on the LOHI, in particular the Maerdy HLCA, comprised an 'unacceptable adverse impact on the landscape' in relation to criterion 1 of Future Wales Policy 18, as well as conflicting with LDP Policies SP9 and CE4, and PPW para. 6.1.20. (IR 164)

27. Following the refusal of the previous application (DNS/3216558), the Inspectors note the ASIDOHL was updated in March 2022 to reflect the amended proposal which forms the current application. Accordingly, the reduced scheme is assessed as having a moderate direct physical and indirect impact, resulting in a 'moderate' impact of overall significance, on the Maerdy, Western St Brides and Llanbedr HLCAs. The overall significance of the impact on four other HLCAs (Eastern St Brides, Rumney, Trowbridge and Marshfield/Coedkernew) continues to be assessed as 'slight'. In its consultation response, Cadw confirms that it considers the scope, methodology and scoring of each stage of the assessment to be correct and that the impact of the proposal on the registered historic landscape would not be significant. The Council's LIR considers that, due to the screened nature of the site and lack of visibility within the landscape areas, the visual impact on the historic landscape would be very slight. (IR 165)

28. In this context, the Inspectors find that the effective 'removal' of panels (when compared to the previous application) from three large fields in the northeast corner of the site and from an elevated, triangular area of Field 21 would lessen the impact on the HLCAs most affected by the previous scheme. Nevertheless, the Inspectors also accept the omission of panels from discrete sections of the site, together with any additional screening, could not wholly mitigate the change to the historic landscape character which contributes to its significance. Taking these factors into account, the Inspectors concur that the revised scheme would result in moderate harm to the significance of the Maerdy, Western St Brides and Llanbedr HLCAs and they consider it would not impact on any HLCA to the 'Severe' extent identified in relation to the previous scheme. (IR 166)

29. Recognising the importance of setting to the way that historic assets are understood, experienced and appreciated the applicant has assessed whether there would be any effects on the setting of any assets within the study area, which included 8 Scheduled Ancient Monuments ("SAM") and 50 Listed Buildings, of which 4 are Grade I and 6 Grade II*. The approach taken is consistent with Technical Advice Note ("TAN") 24: The Historic Environment and the related guidance produced by Cadw. (IR 167-168)

30. Based on the Zone of Theoretical Visibility map the assessment concludes that the scheme is not capable of impacting on the setting of most designated assets in the study area. The assessment considers 3 Listed Buildings and 4 SAMs in more detail. It concludes there would be an effect on the setting of 2 assets: the Pen-y-Lan Camp Iron Age enclosure, a SAM; and, one Listed Building, the Grade II Gelli-ber Farmhouse, that have inter-visibility which could cause potential harm to their significance. The former is situated on a hilltop some 2.9km to the northwest of the site. Whilst the development would be visible it would be seen in an extensive view which includes many more prominent, modern, man-made features. Gelli-ber Farmhouse is within 1.3km of the site and at a similar elevation to the site. The Inspectors therefore consider the extent of any visibility would thus be limited and seen in the context of the railway line and the pylons. The Inspectors note Cadw has confirmed it agrees with the applicant's assessors that there would be no significant impact on any of the designated assets. The Inspectors, informed by the site visit, agree with this view. (IR 169)

Archaeology

31. The site is designated in the LDP as an Archaeologically Sensitive Area. The Inspectors outline the findings of the applicant's Desk Based Assessment ("DBA") and note the scheme would not involve extensive groundworks and the impacts from the piles used to hold the solar panels in place, which could give rise to changes in the anaerobic conditions below ground, are unlikely to have an effect on ground water levels due to their relatively small scale and localised nature. The scheme proposes mitigation measures to address archaeological impacts, including a paleo-environmental sampling and assessment strategy, and targeted watching briefs, as has been agreed at the Llanwern solar farm. Having regard to the need for the development and the importance of the potential archaeological resource, the Inspectors consider this opportunity to preserve by record architectural features is consistent with PPW and TAN 24 "the historic environment". (IR 170-172).

32. The Inspectors are satisfied an archaeological assessment has been undertaken in compliance with LDP Policy CE6 "Archaeology", and it demonstrates, with suitable mitigation secured by the recommended conditions, the impact on the archaeology of the site is acceptable. (IR 173)

33. With regard to the long term impact of the proposed development, whilst the development would exist for 40 years, which is the equivalent of 2 generations and is therefore a significant period during which an appreciation of the outstanding historic quality of the landscape would be affected, the Inspectors consider the main impacts would be reversible and therefore they consider there would be a moderate harmful impact in this respect, albeit in relation to the Gwent Levels the extent of that harm is relatively localised. (IR 174)

34. With regard to registered historic landscapes, the Inspectors consider whilst there would be minor conflict with LDP Policies SP9 and CE4 insofar as it would not enhance the historic landscape, it would not result in an unacceptable adverse impact on the landscape and would therefore comply with criterion 1 of FW Policy 18 and paragraph 6.1.20 of PPW. (IR 175)

35. As the scheme would not have a materially detrimental impact on any other designated historic asset, save for its impact on the LOHI, the Inspectors considers it would otherwise align with LDP Policy SP9 which seeks that proposed developments conserve, enhance and manage recognised historic sites. (IR 176)

Ecology

36. The Inspectors notes that paragraph 6.4.3 of PPW identifies the planning system's key role in helping to reverse the decline in biodiversity and increasing the resilience of ecosystems at various scales by ensuring appropriate mechanisms would be in place to both protect against loss and to secure enhancement. Policy 9 of Future Wales identifies the importance of enhancing biodiversity and the resilience of ecosystems. (IR 177)

37. The Inspectors note the Council and other representors have raised concerns regarding the validity of the survey work used to inform the proposal, given the length of the time which has passed since these were undertaken. In clarifying its position on this matter, NRW confirmed it considers the assessments and surveys submitted to be acceptable to enable the principle and detail of the proposal to be determined on the basis of sound information. Therefore, whilst acknowledging that some of the survey work is approaching or marginally beyond the 3-year lifespan referred to in guidance published by the Chartered Institute of Ecology and Environmental Management, the Inspectors consider the surveys provided remain relevant and robust for the purposes of assessing the proposal. (IR 178)

Designated Sites

38. The vast majority of the site is undeveloped but is in active agricultural use. The whole of the site lies within the Gwent Levels St Brides SSSI and, to its west, it adjoins the Rumney and Peterstone SSSI within which the Lapwing Compensation Land lies. The Inspectors note that the Wildlife and Countryside Act 1981, as amended by the Countryside and Rights of Way Act 2000, places a duty on all public bodies (including Local Planning Authorities) to take reasonable steps to further the conservation and enhancement of the features by reason of which a SSSI is of special interest. The Inspectors refer to guidance in PPW, which states that whilst statutory designation of a site does not necessarily prohibit development, it should be refused where there would be adverse impacts on the features for which a site has been designated. The Inspectors note that PPW states that there is a presumption against development likely to damage a SSSI. (IR 179)

39. The Inspectors note the SSSI's citation states the Gwent Levels are rich in plant species and communities, many of which are rare, and that the aquatic invertebrate fauna is very diverse with many nationally rare or notable species being present. (IR 180)

40. The Inspectors note the solar arrays and other apparatus would be sited on the grassland areas of the site, the grassland is generally species-poor and does not contain listed features of the SSSIs. In contrast, the vegetation within drainage ditches and adjacent areas that bound the fields is species-rich. This reen and ditch habitat is one of the special features of the SSSIs and provides a habitat for two of its special features: insects and other invertebrates; and the shrill carder bee ("SCB"). Other habitats that contribute to the special wildlife interest of the area include green lanes, hedgerows and flower-rich ditch banks which are important for a wide range of species. (IR 181)

41. The Inspectors note that the scheme has been designed to minimise direct impact on the reen and ditch areas. Proposed trackways seek to utilise existing crossing points that link the fields. However, where new crossings would be required for vehicles or for cables they would be controlled to ensure the functioning of the drainage network is not affected and any impact on the habitat it provides is minimised. (IR 182)

42. The layout of the proposed solar arrays allows for buffer zones, which would effectively extend the reen and ditch habitat and would be subject to enhancement measures and long-term management. Mitigation measures would be included to avoid any impact on species, including dormice and nesting birds. (IR 183)

43. The Inspectors note the proposed selective removal of vegetation and de-silting of the watercourses is part of good management practice, which benefits the functioning of the drainage system as well as the aquatic environment. The Inspectors consider that the extent of the improvements that could be secured through the scheme, in terms of its physical extent and 40-year time scale, would far exceed anything likely to otherwise be realised by other schemes. (IR 184)

44. The enhancement of the reens and ditches forms part of a suite of proposed ecological improvements which would be secured by the Landscape and Environmental Management Plan ("LEMP") which would control the development for the duration of the project. The Inspectors state that the LEMP would provide a means of ensuring that a range of objectives would be met, including maintaining the favourable status of the notified features of the SSSI and enhancing connectivity within and across the site. (IR 185)

45. With regard to water quality, the Inspectors note he Flood Consequences Assessment ("FCA") describes the benefits to water quality which would arise from the cessation of more intensive agricultural activities which can give rise to exposed soil leading to silt-borne surface water run-off entering the drainage system. A reduction in the use of pesticides and fertilizers would also benefit water quality. The scheme would allow soil structure to improve and grassland cover to be maintained to the benefit of rainwater management. (IR 186)

46. The Inspectors note the applicant recognises activities during construction and decommissioning could result in accelerated surface water run-off with the potential for silt and pollutants to enter the drainage network. This would not only harm the special features of the SSSIs but also has the potential to impact on the Severn Estuary Special Area of Conservation ("SAC") and Special Protection Area ("SPA"). The Inspectors are satisfied this can be controlled through good practice techniques, to be secured by condition. (IR 187)

47. NRW commissioned a specialist ecohydrological impact assessment of the scheme (Rigare, December 2020) as part of the previous application (DNS/3216558). It focussed on the SSSI interest features which have water-related environmental supporting conditions. These are the plant and invertebrate species and assemblages which are associated with the reens and ditches. Subject to adequate controls over the development no significant hydrological impacts are identified including in terms of the water quality, land drainage or run-off rates. The findings are consistent with those of the applicant's FCA. A water monitoring requirement would be secured as part of the LEMP. (IR 188)

48. Regarding concerns of soil compaction from the siting of battery storage containers, the Inspectors note the applicant has confirmed that these would be sited on a frame supported by legs such that any soil compaction would be minimal. A porous surface would facilitate drainage. Such details can be secured by condition. (IR 189)

49. The Inspectors note the works proposed on the Lapwing Compensation Land to make the area suitable for overwintering and nesting lapwing involves removal of sections of hedgerows, including trees to create a more open environment. This would also provide an opportunity to improve the habitat for the shrill carder bee and to return other features of the SSSI (reen and ditch habitats, aquatic invertebrates and other invertebrates) to a 'favourable condition'. (IR 190)

50. The Inspectors consider the scheme's design, supplemented by detailed controls over its construction and future maintenance and management that would be secured by means of the recommended conditions, would ensure the improvement of the habitat of the affected SSSIs and their special interest plant species and invertebrates. (IR 191)

51. Within some 500m of the site lies the Severn Estuary SPA and Ramsar site and the Severn Estuary SAC is approximately 2km from the site. The 'qualifying interest features' of the SPA are detailed within the 'Regulation 33 Advice' published by the Countryside Council for Wales and Natural England in 2009. These are noted to comprise a range of bird species within three 'supporting habitats': intertidal mudflats and sandflats, Saltmarsh and hard substrate habitats. For the SAC, the habitats types and species listed include an overarching "estuaries" feature within which subtidal sandbanks, intertidal mudflats and sandflats, Atlantic salt meadows and reefs and 3 species of migratory fish are defined as both features in their own right and as sub-features of the estuary feature. The qualifying interest features of the Severn Estuary Ramsar Site overlap with those of the Severn Estuary SPA and the SAC in order to facilitate the development of integrated objectives across the designations. (IR 192)

52. The Inspectors are satisfied, with reference to the Habitats Regulations Assessment that accompanies the IR, providing suggested conditions are imposed, the scheme would not harm any of these internationally important sites. (IR 193)

53. The Inspectors note within 3km of the site there are 6 non-statutory sites designated for their nature conservation value, a Gwent Wildlife Trust Reserve and 5 Sites of Importance for Nature Conservation ("SINCs"). They have been included in the assessment, however, no significant effects are identified. (IR 194)

Protected Species

54. Surveys undertaken on and around the site have identified the presence of protected and priority species. (IR 195)

55. The LEMP proposes a mitigation strategy to avoid, minimise and compensate for biodiversity loss and ensure a net gain for biodiversity. The Inspectors note NRW has confirmed it is satisfied with the information provided by the applicant in support of the application as supplemented by additional information, subject to the imposition of recommended conditions. The LEMP would also include details of monitoring and potential contingency measures. (IR 196-199)

56. The Inspectors note the siting of the solar arrays on the grassland raises particular concern in terms of the potential to impact on birds, most notably lapwing, and certain invertebrates, particularly the shrill carder bee. (IR 200)

57. The shrill carder bee is a notified feature of both St Brides and the Rumney and Peterstone SSSIs and there are other aquatic and terrestrial invertebrates cited and recorded such that the invertebrate assemblage is of national importance. The local shrill carder bee population is also of national importance. It forages and nests on open, flower rich grassland. The Inspectors note that the grasslands on which the panels would be sited is currently not a valuable habitat, however there is concern that the scheme could cause damaging fragmentation of habitat. (IR 201)

58. The Inspectors note the project proposes a wildflower meadow along the western edge of the site and the applicant has provided additional information in the form of a Shrill Carder Bee Mitigation and Enhancements Strategy (March 2022). NRW has confirmed that it is satisfied that SCB strategy could be incorporated within the approved LEMP and secured by condition to ensure that there would be sufficient enhancement of the site's habitat, including connectivity routes and the provision of wildflower belts on the periphery of fields, to avoid any negative impact. The Inspectors consider this would also allow minor discrepancies and amendments to be addressed. The same benefits can be expected to the brown-banded carder bee that is also present and is also a priority species listed under Section 7 of the Environment (Wales) Act, 2016. (IR 202)

59. The scheme would result in the loss of open fields which would be suitable for foraging by wintering lapwing. The Inspectors are of the view that this resource is of county significance despite the availability of numerous other fields in the locality. Over 2 years of winter surveys the highest recorded lapwing presence was 300 with the second highest at 170. The Inspectors note that to compensate for this loss the project proposes hedgerows and trees would be removed, and grassland suitably managed to create an open area suitable for lapwing within the off-site compensatory land. That would be secured through condition on land the applicant has confirmed is within its control. NRW considers the mitigation measure to be acceptable, and the Inspectors agree. The Inspectors note the concerns expressed by the RSPB are focussed on the need for additional detail to inform an effective management plan which can be secured through the recommended conditions. The Inspectors consider inconsistencies highlighted in the area of the compensatory land are relatively minor and can be clarified as part of the details to be agreed. (IR 203)

60. With regard to concerns that invertebrates may lay their eggs on the solar panels mistaking them for a body of water, the Inspectors are satisfied the applicant has demonstrated the key invertebrate species which are on site do not include species, such as mayflies, that lay eggs on open water surfaces. Moreover, the aluminium frames of the panels would be likely to avoid this risk. Whilst concern has been raised at the danger of birds striking the panels the Inspectors are of the view there is no compelling evidence to suggest that would pose a significant risk to local populations. (IR 204)

61. The removal of sections of hedgerows within the application site and the Lapwing Compensation Land would result in the loss of habitat suitable for dormouse commuting/foraging. The Inspectors note the Dormouse Mitigation Strategy describes an approach that would be undertaken to carrying out and thereafter monitoring the works. The Inspectors state NRW has confirmed that the approach taken is satisfactory. The Inspectors agree, noting that if dormice are present the developer would require a European Protected Species ("EPS") licence from NRW before proceeding. (IR 205)

62. The Inspectors note that the Construction and Environmental Management Plan ("CEMP") and the LEMP, which would be secured by condition, are important as a means of controlling the method of construction to minimise any adverse ecological impacts. (IR 206-207).

63. In addition to the ecological benefits already identified, the Inspectors note the scheme would also provide the means of eradicating 13 non-native invasive species which have been identified on the site and which have a negative impact on biodiversity. The Inspectors consider these are enhancements which would benefit the land-based and aquatic environments of the SSSIs and much of the species that depend upon these habitats. (IR 208)

64. With reference to the Appropriate Assessment ("AA"), the Inspectors find that the scheme would not affect the integrity of the sites which form part of the National Sites Network. For the same reasons, the Inspectors are satisfied that the integrity of the Ramsar site would not be affected. Therefore, the Inspectors consider the scheme aligns with criterion 3 of policy 18 of Future Wales. (IR 209)

65. The Inspectors consider the scheme would cause no unacceptable impacts on national statutory designated sites for nature conservation (and the features for which they have been designated), or protected habitats and species, thereby satisfying criterion 4 of Future Wales policy 18 and LDP policy GP5. The measures beneficial to biodiversity that have been incorporated within the scheme and those that would be secured through the recommended conditions are significant, as is the extent to which conditions would avoid or mitigate any potential harmful impacts. Accordingly, and mindful of the duty in section 6 of the Environment (Wales) Act 2016, the Inspectors consider that, in line with criterion 5 of policy 18, the proposal includes biodiversity enhancement measures to provide a net ecological benefit. (IR 210)

66. The Inspectors are satisfied there would be no harmful cumulative effects. The Inspectors recognise the importance of controlling the development through conditions. The issue of enforceability of conditions is addressed later in the IR. With regard to the Llanwern scheme, the Inspectors note that no concerns have been raised by the Council or NRW in relation to the success, or otherwise, of the mitigation measures secured by that planning permission. Whilst the Inspectors acknowledge the concerns of interested parties in this regard, they consider there is no substantive evidence to demonstrate the conditions are not capable of achieving the effective mitigation required to make the development acceptable. Rather, the Inspectors are satisfied there is sufficient certainty, that the biodiversity interests would be effectively protected. (IR 211-213)

Habitat Regulations Assessment

67. The Inspectors note regulation 63 of the Conservation of Habitats and Species Regulations 2017 imposes a requirement to consider the potential effects of a proposed development on the National Site Network, in this case the Severn Estuary SAC and SPA. As some likely significant effects can only be avoided through mitigation measures, it is necessary for the decision maker to undertake an AA. (IR 214)

68. The Inspectors have provided an AA for the Welsh Ministers. It is based on the Shadow Habitats Regulations Assessment, the advice of NRW including in its role as the statutory nature conservation body, and the comments received by other parties in response to the application. The AA concludes that the scheme, either alone or in combination with other projects, would not have an adverse effect on the integrity of the SAC or the SPA. (IR 215)

Flooding

69. The Inspectors note that with the exception of the publication of the Flood Map for Planning, which is referred to below, and the incorporation of a previously submitted Technical Note into the main body of the applicant's Flood Consequence Assessment, there has been no substantive change to the evidence relating to flood risk from the previous application. In respect of this issue the Inspectors therefore concur with the assessment and findings within the previous Inspector's report. The site is located within zone C1 on the Development Advice Maps of TAN 15: Development and Flood Risk ("TAN 15"). NRW's more recently produced Flood Map for Planning ("FMfP") shows the site to be wholly within Flood Zone 3, identifying a greater than 0.5% chance of flooding from the sea in a given year, including an allowance for climate change. Whilst the FMfP is the most up to date spatial information available in respect of flood risk, TAN 15 remains the relevant framework for the application of planning policy. (IR 216-217)

70. The Inspectors set out the four justification tests in paragraph 6.2 of TAN 15 which relate to development in zone C1. The Inspectors note the development fails to satisfy the first three justification tests. However, paragraph 5.3 of TAN 15 explains some uses should be treated as exceptions to the general rule in relation to the vulnerability of uses to flooding. Such uses are not subject to the first part of the justification test (criterion i to iii) but are subject to the acceptability of consequences part of the test (criterion iv). The Inspectors note the Welsh Ministers, in a previous Developments of National Significance decision, accepted the Llanwern solar scheme fell within this exception and the same site-specific considerations - the availability and proximity to a grid connection, and the high number of hours of sunshine - also apply to this case. Therefore, the Inspectors consider there are robust reasons for locating the development within this zone as an exception to the first 3 justification tests. (IR 218-221)

71. The application is accompanied by a Flood Consequences Assessment, which addresses criterion (iv) of the TAN 15 justification test, the consequences of flooding. The Inspectors note the scheme proposes elevating the solar panels, battery storage units and other apparatus above the predicted sea water flood level. The Inspectors is satisfied as the uplift would be achieved by using supporting legs, the site's storage capacity of flood water or its flow across the site would not be materially affected. Inundation speeds from a breach of sea defences would not be rapid and would not represent an unacceptable risk to site workers. The Inspectors are also satisfied that the scheme would not exacerbate localised flooding. (IR 222–224)

72. The Inspectors conclude the scheme is consistent with flood risk policy set out in PPW and TAN 15 and LDP policy SP3. As the scheme has been designed to withstand the predicted climate change effects on flooding and demonstrates that the risk and consequences of flooding could be acceptably managed the Inspectors are satisfied complies with LDP policy GP1. (IR 225)

Traffic and Highway Safety

73. Having regard to traffic and highway safety, the Inspectors conclude there would be some disruption to local traffic during the construction period, however, it is considered appropriate traffic management would minimise any difficulties. The affected road network is not heavily trafficked and whilst there would be a degree of inconvenience to users, this would be relatively short lived. The Inspectors are of the view the presence of additional Heavy Goods Vehicles on these roads, which are wide enough to allow vehicles to pass, would not jeopardise the safety of highway users nor would it exceed the capacity of the road network. The access for construction traffic would meet the appropriate standards in relation to visibility splays based on the measured speed of traffic and on-site parking would be a requirement secured by condition. The Inspectors consider this would accord with LDP policy GP4, "General Development Principles – Highways and Accessibility". (IR 226-230)

Benefits of the Scheme

74. The applicant's Planning Statement states the proposal is estimated to produce sufficient energy to power up to 37,500 homes over its operational lifespan and to displace some 53,750 tonnes of CO2 a year and 2,150,000 tonnes over the life of the scheme. The Inspectors note the scheme would provide a substantial contribution to the production of renewable energy, which is significant in the context of the Welsh Government's commitment to address the climate emergency. The battery storage facility would help to balance energy supply and demand, a benefit recognised by PPW. (IR 231-232)

75. The Inspectors note policy 17 of Future Wales confirms the Welsh Government's strong support to the principle of developing renewable and low carbon energy from all technologies and at all scales to meet our future energy needs. It explains in determining planning applications for renewable and low carbon energy development, decision-makers must give significant weight to the need to meet Wales' international commitments and the Welsh Government's target to generate 70% of consumed electricity by renewable means by 2030 in order to combat the climate emergency. Whilst some objectors question the value of the scheme's contribution to the nation's renewable energy production, the Inspectors note there is no certainty in their suggestion that targets would be met without the development of the site. (IR 233)

Other Considerations

Site location, selection and alternatives

76. The Inspectors have addressed issues relating to site location, selection and alternatives and are satisfied brownfield sites were considered first although were economically unviable. The site is not on 'best and most versatile' agricultural land, and the scheme comprises appropriate development in the countryside in accordance with LDP Policy SP5. The Inspectors considers the generation of a significant amount of renewable energy would be a considerable benefit and could be described as an exceptional need which cannot reasonably be accommodated elsewhere in the context of LDP Policy CE9, "Coastal Zone", and is consistent with that policy. (IR 234-239)

77. The Inspectors note the 'Renewable and Low Carbon Energy Assessment' was not intended to be used to assess individual planning applications for stand-alone renewable energy generating systems and carries little weight in the consideration of this case. (IR 240)

78. The Inspectors consider as there are no over-riding environmental or amenity considerations the proposed solar farm can be considered favourably, consistent with LDP Policy CE10 “Renewable Energy”. This policy also states that large scale proposals may be more appropriately located outside defined settlement boundaries if no appropriate brownfield sites exist, criteria which are both met in this instance. (IR 241)

Glint and Glare

79. The Inspectors note both the original and revised Glint and Glare studies identify 5 dwellings that would experience some reflected light from the panels. However, the Inspectors consider this would only be seen during bright clear days and would be short lived. The Inspectors consider such an effect would not give rise to unacceptable living conditions. (IR 242-243)

80. The Inspectors have no reason to disagree with the assessment of the impact as low in relation to the three public highways that surround the site. The presence of hoods would protect the visibility of railway signal lights and for reasons explained in the study, any reflected light experienced by drivers would not affect their ability to perform their duties safely. Network Rail has been notified of the scheme and has offered no objections. The Inspectors have not been presented with persuasive evidence to suggest the safety of any aircraft, including a helicopter that may regularly cross the site, would be compromised. Notwithstanding the deficiencies identified by objectors of the applicant’s assessment, the Inspectors are satisfied that whilst some receptors would be exposed to the effect of reflected light, any such effect would not undermine safety, nor would it unacceptably affect local residents. (IR 244-246)

Residential Amenity

81. The Inspectors note the noise assessment establishes that there would be no material noise impact during the operational phase. The proposed CEMP would avoid any unacceptable impacts during construction phase. The Inspectors state there is no evidence the scheme would lead to any other impacts on the health of local residents. (IR 247)

82. The Inspectors note the development would be installed by a qualified contractor in accordance with the appropriate guidance and regulations and that electricity transmission could be quickly and remotely disabled in the event of any health and safety concerns. The Inspectors are satisfied there is no evidence that any effects on local businesses is such that it would lead to a harmful impact on the local economy. (IR 248)

The Living Levels Landscape Partnership

83. The Inspectors are satisfied the proposed development would not be detrimental to the Living Levels Partnership initiative. (IR 249)

Community benefit

84. The Inspectors note that Future Wales policy 17 seeks that proposals describe the benefits the scheme would bring in terms of social, economic, environmental and cultural improvements to local communities. The Inspectors state that the applicant has explained how the project would provide a range of employment opportunities as well as wider opportunities for spin-off benefits. (IR 250)

85. The Inspectors state that the applicant has offered Wentlooge Community Council a financial contribution towards local community projects to be secured via a legal agreement in parallel to but outside the planning process. The Inspectors note there is no reference of any offer being made to the Marshfield Community Council whose administrative boundary lies close to the application site. (IR 251)

86. The Inspectors note that Welsh Government targets for renewable energy include one gigawatt of renewable energy capacity to be locally owned by 2030 and for new renewable energy projects to have at least an element of local ownership from 2020. PPW explains that local benefits can be justified as mitigation of development impacts through the planning process, noting that developers may offer benefits not directly related to the planning process. In this case the applicant has explained why a community ownership scheme is not a practical option and is proposing a community benefit fund instead. As there is no suggestion the contribution would be required to mitigate any impact of the scheme on the community no obligation seeking to secure such a contribution has been sought given that it would not meet the tests that section 106 planning obligations should meet. (IR 252)

Temporary nature

87. Conditions are recommended which would control the decommissioning phase and secure land restoration. Whilst the impact of most of the work on the site would be reversible some impacts, such as on localised soil layers and archaeological remains, would not be temporary effects. The Inspectors consider the effects on the ecology of the area that would be secured through enhancement measures and future management can be expected to leave a positive legacy. (IR 253)

Sustainability, placemaking and well-being

88. The Inspectors consider the application and the applicant's statement on the FG Act 2015 describe the net benefits the scheme would bring in terms of social, economic, environmental and cultural improvements to local communities. The Inspectors notes that as the scheme would provide on-site transmission of electricity to the grid it aligns well with the aim set out in policy 17 of Future Wales of both minimising the visual impact on local communities of grid infrastructure and reducing the barriers to the implementation of new grid infrastructure. (IR 320)

89. The Inspectors have considered the duty under section 3 of the Well-being of FG Act 2015. (IR 255)

90. The Inspectors are satisfied the scheme has considered the use of materials and there is no persuasive evidence to demonstrate that such effects or the impact on the site would negate the scheme's considerable contribution to reduce CO_2 emissions. Nor is there any evidence to indicate the scheme components would be sourced from countries where political and social matters may result in conflicts of an ethical nature. (IR 256)

91. The Inspectors consider the scheme performs well against the placemaking objectives set out in PPW (IR 257)

92. The Inspectors state the IR has considered all relevant criteria under Policy 18 of Future Wales, noting the criterion relating to operations of defence facilities and operations, is not relevant to this case. (IR 258)

Planning Balance and Overall Conclusion

93. The Inspectors give moderate weight to the harm to the character of the LOHI, noting the greatest impact would be to the Maerdy HLCA. There would be harm to the green wedge by reason of its conflict with local and national policy which affords protection against inappropriate development. The Inspectors are of the view this harm would be time limited albeit for a significant period and its effect would not undermine any of the purposes of green wedge designation. Against this context the Inspectors consider that the renewable energy benefits constitute very exceptional circumstances such that the scheme is compliant with green wedge policy. (IR 261-262)

94. The Inspectors note the scheme is located within a national statutory nature conservation designation and close to international designations, is within local landscape, archaeological and coastal designations, and in C1 flood risk zone. The Inspectors find that the scheme's impact in relation to these designations would be acceptable in all respects, subject to the controls that would be required by the recommended planning conditions. The Inspectors consider the conditions would secure enhancements to important ecological features and would ensure that none of the other matters raised in objection to the proposal weigh appreciably against the scheme. (IR 263)

95. The Inspectors note that none of the findings in the IR are materially altered by the inclusion of the proposed battery containers, noting that this is the subject of a separate consent application. (IR 264)

96. The main benefit arising from the scheme would be its contribution to the production of renewable energy and consequential reduction in CO_2 emissions. The on-site storage of power generated from the panels provides benefits in terms controlling the rate of flow to the grid, enabling the peaks and flows of production to be evened out so as to align better with consumption. The scheme would also provide local economic and employment benefits. (IR 265)

97. The Inspectors afford these benefits considerable weight given the support for such contributions in policies 17 and 18 of Future Wales which sets out Welsh Government's approach to promoting the increased production of renewable energy in a way which seeks to strike an appropriate balance with the protection of other relevant interests. As Future Wales is the most recently adopted part of the development plan and contains the most directly relevant policy to renewable energy projects of national significance, and given that the conflicts identified with the LDP are relatively minor, the Inspectors conclude that the proposal complies with the development plan. (IR 266)

98. The Inspectors recommend planning permission be granted for both the main application and the secondary consent application, subject to recommended conditions. (IR 267)

Habitats Regulations Appropriate Assessment (Annex B of IR)

99. The Inspectors note the application site lies in proximity to two sites which form part of the National Sites Network – the Severn Estuary SPA and the Severn Estuary SAC. The designated sites are connected to the site by the reen network which drains from the site into the sea.

100. The Inspectors identify the likely significant effects from the development on the SPA and SAC and provide an AA in accordance with Regulation 63 of the Conservation of

Habitats and Species Regulations 2017 (as amended by the Conservation of Habitats and Species (Amendment) (EU Exit) Regulations 2019).

101. The Inspectors conclude it is beyond reasonable scientific doubt that the scheme, either alone or in combination with other projects, would not have an adverse effect on the integrity of the 2 sites which form part of the National Sites Network, namely the Severn Estuary SPA and the Severn Estuary SAC. The Inspectors note this conclusion is predicated on securing the identified mitigation measures through the imposition of the recommended planning conditions.

Conclusion and Decision

102. I have considered the Inspector's appraisal and conclusions. I note the requirement in section 38(6) of the Planning and Compulsory Purchase Act 2004 to make planning decisions in accordance with the development plan unless material considerations indicate otherwise. I have had regard to the development plan policy framework provided by FW and the LDP.

103. In a letter to Heads of Planning dated 20 December 2022, the Welsh Government highlights the section 6 biodiversity duty in the Environment (Wales) Act 2016 ("the section 6 duty") and the clear guidance in PPW focussed on maintaining and enhancing biodiversity. The letter to Heads of Planning was issued subsequent to the submission of the application and while this report was being prepared. The Inspectors note the letter gives a clear indication of the direction of travel, however, it does not alter the national planning policy context against which this application has been considered. The Inspectors consider the nature conservation principles enshrined in the relevant Acts and Regulations, and in national and local planning policy, are central to their conclusions on biodiversity. Accordingly, the Inspectors have not invited further comments from parties in respect of this matter. (IR 17 – 18)

104. As the Inspectors note, in support of the United Nations COP15 Biodiversity Summit, the Welsh Government undertook its own Biodiversity Deep Dive in the summer of 2022, which agreed a set of collective actions to be taken in Wales to address and support Wales's nature recovery. The resultant recommendations are set out in my Written Statement dated 3 October 2022. In a subsequent letter to Heads of Planning dated 20 December 2022, Welsh Government highlights the essential role that the planning system must play in meeting the challenges laid down by the COP15 Summit, the Deep Dive recommendations and in fulfilling the duty under Section 6 of the Environment (Wales) Act 2016.

105. The Inspectors correctly state these statements do not alter the planning policy context against which this planning application should be considered. However, the statements do highlight the importance placed on biodiversity and ecosystems resilience in FW and PPW.

106. PPW states biodiversity and ecosystems resilience should be taken into account at an early stage, it outlines the section 6 duty and the information to which planning authorities must have regard (paragraphs 6.4.5, 6.4.6, 6.4.8 and 6.4.9).

107. The step-wise approach must be applied and followed in order to maintain and enhance biodiversity and build resilient ecological networks (paragraph 6.4.21). PPW emphasises that resilient locational choices should be made (paragraphs 3.36. 3.37 and 3.47).

108. The step-wise approach is the key national policy mechanism for ensuring decisions can be taken in line with the section 6 duty to maintain and enhance biodiversity and the resilience of ecosystems. The approach is a preference hierarchy; proposals must demonstrate how biodiversity can be maintained and enhanced and the resilience of ecosystems promoted at each stage. The sequential application of the policy should determine the choices made when proposing development.

109. FW requires a net benefit for biodiversity and the resilience of ecosystems be demonstrated as part of development through Policy 9 and provides additional commitments to reversing the decline in biodiversity and increasing the resilience of our ecosystems. Resilient ecological networks are vital for nature recovery and there is a need to safeguard existing, or potential for, healthy resilient ecosystems which provide a range of important ecosystem services as well as allowing the movement of species across landscapes in response to climate change. Further, it states that there is a need to expand and make connections between designated sites to increase the ability of species and ecosystems to adapt to the pressures of climate change and pollution.

110. In this case, I am not satisfied the applicant has followed the step-wise approach required by PPW. The first stage of the step-wise approach to maintaining and enhancing biodiversity and building resilient ecological networks is to ensure any adverse environmental effects are avoided. For this application the applicant's stated approach was to consider a search area in proximity to grid connection as the primary consideration driving the process of site selection (paragraph 5.1.3 of the applicant's Site Selection Sequential Test report). However, whilst grid connection is a consideration, it does not override the "first priority" of the step-wise approach, which is the need to avoid damage to biodiversity and ecosystem functioning. The applicant's site search has been spatially constrained by focussing on grid connection and, therefore, reasonable alternative sites have not been fully considered, contrary to the requirements in paragraph 6.4.21 of PPW.

111. The failure to follow a step-wise approach has resulted in proposed development on a nationally designated site without demonstrating how damage to biodiversity and ecosystem functioning has been avoided and reasonable alternative sites have not been fully considered.

112. The opportunity to consider alternatives to proposing this development in a SSSI has not been taken, and as a result the recognition of the role played by the national sites network in terms of ecosystem resilience is weak and was not considered in any meaningful way from the outset.

113. The step-wise approach should be applied and followed in order to maintain and enhance biodiversity and build resilient ecological networks. These steps should be demonstrated as part of any development proposals and resilient locational choices made. In turn this will include how a net benefit for biodiversity and the promotion of ecosystem resilience is to be achieved in line with legislation and policy in Wales. This is particularly the case where development is being proposed on nationally designated sites such as SSSIs. The applicant's Sequential Site Selection Report does not satisfy the avoid criterion of the step wise approach.

114. PPW and Future Wales acknowledge that SSSIs form part of the national network of sites and the assessment of the impact on features for which a site has been designated should be considered in context of the need to promote the resilience of ecosystems. Policy 9 of Future Wales is clear that protected sites are critically important to the long-term resilience of ecosystems and should not be seen as islands

within the landscape but should instead form the nodes of large-scale resilient and functional ecological networks and green infrastructure.

115. Natural Resources Wales (NRW) has developed a framework for evaluating ecosystem resilience based on five attributes and properties specified in the Environment (Wales) Act. This is referred to as DECCA: Diversity, Extent, Condition, Connectivity and Aspects of ecosystem resilience and is reflected in paragraph 6.4.9 of PPW. Addressing the DECCA framework is an inherent part of ensuring resilient locational and design choices for infrastructure and built development. Therefore, it is considered the DECCA framework has not been shown to have influenced the choices made, either in terms of site selection and its context or in respect of the measures being proposed to secure enhancement. This is not in accordance with the section 6 duty and PPW.

Decision

116. I have considered the Inspector's appraisal and conclusions. I note the requirement in section 38(6) of the Planning and Compulsory Purchase Act 2004 to make planning decisions in accordance with the development plan unless material considerations indicate otherwise. I have had regard to the development plan policy framework provided by FW and the LDP.

117. I agree the scheme would generate significant benefits in terms of reducing reliance on energy from fossil fuels and helping to meet the Welsh Government's renewable energy targets. However, I do not consider the proposed development accords with the section 6 duty in the Environment (Wales) Act 2016 or the requirements in PPW to maintain and enhance biodiversity. My reasoning for coming to these conclusions is set out in paragraphs 102 to 115 of this letter. I do not consider these matters are outweighed by the scheme's benefits. For these reasons I refuse planning permission for CAS-01772-Z5P5D2.

Well-being of Future Generations (Wales) Act 2015 ("WFG Act")

118. The Welsh Ministers must, in accordance with the WFG Act, carry out sustainable development. In reaching my decision on the application, I have taken into account the ways of working set out at section 5(2) of the WFG Act and 'SPSF1: Core Guidance, Shared Purpose: Shared Future – Statutory Guidance on the WFG Act'. My assessment against each of the ways of working is set out below.

Looking to the long-term

119. The decision takes account of the long-term objective to maintain and enhance biodiversity and build ecological networks.

Taking an integrated approach

120. The decision takes account of the planning system's role supporting sustainable development through the interaction with other consent regimes. It supports the section 6 duty in the Environment (Wales) Act 2016.

Involving people/Collaborating with others

121. Within the framework of a statutory decision-making process, which is governed by prescribed procedures, the application was subject to publicity and consultation, providing the opportunity for public and stakeholder engagement. Representations received through these procedures have been considered and taken into account in making a determination on this application.

Prevention

122. The decision takes account of the need to tackle the nature emergency by focussing on avoiding loss or damage to biodiversity and safeguarding nationally designated sites such as SSSIs.

Impact on well-being objectives

123. I have considered the impacts from this decision on the Welsh Government's well-being objectives, which contribute to the well-being goals set out in section 4 of the WFG Act. I consider this decision would have a positive effect on the objective to '*Embed our response to the climate and nature emergency in everything we do* ', while the effect of this decision on the other objectives is neutral.

124. I consider my decision accords with the sustainable development principle set out in the WFG Act and, therefore, is a reasonable step towards meeting the Welsh Government's well-being objectives.

125. I have taken the ES and all other environmental information provided into account in the consideration of this application, as required by the Town and Country Planning (Environmental Impact Assessment) (England and Wales) Regulations 2017.

126. A copy of this letter has been sent to Newport City Council.

Yours sincerely,

Lesley Griffiths AS/MS
Y Gweinidog Materion Gwledig a Gogledd Cymru, a'r Trefnydd
Minister for Rural Affairs and North Wales, and Trefnydd

Penderfyniadau Cynllunio ac Amgylchedd Cymru
Planning & Environment Decisions Wales

Adroddiad	Report
gan Melissa Hall BA(Hons), BTP, MSc, MRTPI a Claire MacFarlane BSc(Hons) MSc MRTPI	by Melissa Hall BA(Hons), BTP, MSc, MRTPI and Claire MacFarlane BSc(Hons) MSc MRTPI
Arolygwyr benodedig gan Weinidogion Cymru	**Inspectors appointed by the Welsh Ministers**
Dyddiad: 26/01/2023	**Date: 26/01/2023**

TOWN AND COUNTRY PLANNING ACT 1990

Sections 62D & 62F

APPLICATION BY: Wentlooge Farmers' Solar Scheme Limited

FOR: Erection of a Renewable Energy Hub comprising ground mounted solar panels, battery storage units (160 units) with a combined installed generating capacity of up to 125MW, underground cabling, grid connection hub, associated infrastructure, landscaping and environmental enhancements, for a temporary period of 40 years

AT: Land on the Wentlooge Levels to the west of Hawse Lane and south of the Cardiff to Newport railway line.

REFERENCE: CAS-01772-Z5P5D2

CONTENTS

LIST OF ABBREVIATIONS

AA	Appropriate Assessment
ASIDOHL	Assessment of the Impact of Development on Historic Landscape
CEMP	Construction and Environmental Management Plan
CPRW	Campaign for the Protection of Rural Wales
CTMP	Construction Traffic Management Plan
The Council	Newport City Council
DNS	Development of National Significance
EIA	Environmental Impact Assessment
ES	Environmental Statement
FCA	Flood Consequences Assessment
FMfP	Flood Map for Planning
FoGL	Friends of The Gwent Levels
FW	Future Wales: The National Plan 2040
GGAT	Glamorgan-Gwent Archaeological Trust
HEDBA	Historic Environment Desk Based Assessment
HLCA	Historic Landscape Character Area
HRA	Habitats Regulations Assessment
LBAP	Local Biodiversity Action Plan
LDP	Local Development Plan
LEMP	Landscape and Environmental Management Plan
LIR	Local Impact Report
LOHI	Landscape of Outstanding Historic Interest
LPA	Local Planning Authority
LVIA	Landscape and Visual Impact Assessment
NRW	Natural Resources Wales
PEDW	Planning and Environment Decisions Wales
PINS(W)	Planning Inspectorate (Wales)
PPW	Planning Policy Wales
RSPB	Royal Society for the Protection of Birds
SAC	Special Area of Conservation
SAM	Scheduled Ancient Monument
SLA	Special Landscape Area
SPA	Special Protection Area
SSSI	Site of Special Scientific Interest
SoCG	Statement of Common Ground

SPG	Supplementary Planning Guidance
TAN	Technical Advice Note
TMP	Traffic Management Plan
WG	Welsh Government
WS	Written Statement
ZTV	Zone of Theoretical Visibility

DNS Application Ref: CAS-01772-Z5P5D2
Site Address: Land on the Wentlooge Levels to the west of Hawse Lane and south of the Cardiff to Newport railway line.

- The application, dated 28 March 2022, was made under section 62D of the Town and Country Planning Act 1990 (as amended by the Planning (Wales) Act 2015).
- The application is made by Wentlooge Farmers' Solar Scheme Limited.
- The application was confirmed as valid on 1 August 2022.
- A site visit took place on 23 November 2022.
- The development proposed is described as erection of a renewable energy hub comprising ground mounted panels and battery storage units (160 units) with a combined installed generating capacity of up to 125MW, underground cabling, grid connection hub, associated infrastructure for a period of 40 years.

Secondary Consent Applications:

- The secondary consent application was made under section 62F of the Town and Country Planning Act 1990 (as amended by the Planning (Wales) Act 2015).
- The development proposed is the erection of battery container storage units (160 units) to support the solar energy hub.

Summary of Recommendation: That planning permission be granted for both applications subject to conditions.

Procedural and Preliminary Matters

1. In accordance with Article 5 of The Developments of National Significance (Procedure) (Wales) Order 2016, the applicant notified Planning and Environment Decisions Wales on behalf of the Welsh Ministers of the proposed development on 24 February 2022. [*The functions of The Planning Inspectorate (Wales) (PINS(W)) transferred to Welsh Government on 1 October 2021 as a new service called Planning and Environment Decisions Wales (PEDW)*]
2. This follows the submission of an application for a similar proposal on the site (reference DNS/3216558) and refused permission by the Welsh Minister, in a decision dated 10 September 2021.
3. Further to the applicant's request, made pursuant to regulation 31(1) of the Town and Country Planning (Environmental Impact Assessment) (Wales) Regulations 2017 (2017 EIA Regulations), PINS(W) provided a Screening Direction in respect of the previous application on 20 November 2018 confirming that the proposal is "Environmental Impact Assessment (EIA) Development".
4. A Scoping Direction, prepared in accordance with regulation 33 of the 2017 EIA Regulations, and in relation to the previous application, was issued on 14 January 2019. As part of the scoping process PINS(W) consulted with the relevant statutory consultation bodies, including Newport City Council, Natural Resources Wales (NRW), Cadw and Welsh Government (Aviation). The responses received have been taken into account in the Scoping Direction.
5. In submitting the current application, the applicant has relied on the Screening and Scoping Directions provided in relation to the previous application on the site.
6. The application is dated 28 March 2022. PEDW wrote to the applicant on 1 August 2022 confirming that the submitted Environmental Statement (ES) was complete for the purposes of the 2017 EIA Regulations and giving official notice of the acceptance of the

application under Article 15(2) of the Development of National Significance (DNS) Procedure Order.

7. On confirmation of the validity of the application, PEDW undertook the specified consultation and publicity measures required by the Order. The application was publicised in line with the DNS regulations and interested parties were given an opportunity to submit representations.

8. A formal request for Further Information under Regulation 24 of the EIA Regulations and Regulation 15(2) of the DNS Regulations was made on 3 October 2022. The information sought from the applicant and NRW related to the matter of ecological surveys.

9. Although the applicant submitted a Statement of Common Ground (SoCG) with NRW in response to the request for Further Information, it was in draft form only. Under separate cover and in its response of 17 October 2022, NRW confirmed that it did not consider it necessary to enter into a SoCG or any other form of agreement with the applicant, as it is not objecting to the proposal or requiring further survey work to be carried out at this time.

10. Having considered the representations, the ES, the Further Information and the other application documents, we concluded that the application could proceed by the written representations procedure.

11. The need for Habitats Regulations Assessment is set out within Article 6 of EC Habitats Directive 1992, which is transposed into British law by the Conservation of Habitats and Species Regulations 2017 (The Habitats Regulations). The Competent Authority will need to decide whether 'likely significant effects' on a European protected site, alone or in-combination with other plans or projects, can be ruled out based on the information provided by the parties. This matter is addressed later in the report.

12. The application follows the decision of the Welsh Minister for Rural Affairs, on 10 September 2021, to refuse planning permission for a larger solar energy scheme the subject of a previous application (DNS/3216558), rejecting the recommendation of the appointed Inspector that planning permission should be granted for the development. The sole reason given by the Minister for refusing planning permission related to the impact of the proposal on the Gwent Levels Landscape of Outstanding Historic Interest (LOHI), specifically on the Maerdy Historic Landscape Character Area (HLCA), insofar as it would cause an unacceptable adverse impact on the landscape in conflict with Policy 18 of Future Wales. In all other matters the Minister concurred with the Inspector's findings, and acknowledged the benefits of the scheme, but did not consider these sufficient to outweigh the harm to the historic landscape and consequential conflict with the development plan and national planning policy.

13. In seeking to address the reason for refusal, this application proposes a smaller scheme on a reduced site area. In summary, the main amendments comprise:

    - The reduction in site area by some 30.7 acres, with the application boundary redrawn to exclude four fields in the north-eastern part of the site,
    - An increase in the wildlife buffers to the main rivers across the site from 12.5m to 15m,
    - The removal of panels from a discrete area of elevated land in the north of the site.

14. Given the close similarities in relation to the proposal and submitted evidence, as well as the recent nature of the Minister's decision and endorsement of the Inspector's findings, with the exception of historic landscape matters, the content of this report will

be closely aligned to that of the report on the previous application. Be that as it may, the findings and conclusions of this report are our own. Where new arguments are advanced, or where the submitted evidence differs, these matters have been fully addressed.

15. Whilst the unaccompanied site visit of 23 November 2022 was undertaken in stormy weather, visibility was satisfactory from the immediate and wider surroundings, including public rights of way and several more distant vantage points. In any event, an earlier visit was conducted on 4 October 2022 which provided an additional opportunity to view the site and its surroundings. The November visit also included the solar park at the former Llanwern steelworks site as referred to by the applicant and interested parties, which we shall refer to as the 'Llanwern' scheme.

16. There are some discrepancies in the submission documents, for example, the figures quoted for site area, battery storage units and solar panel height. We are satisfied that these deficiencies do not undermine our assessment of the scheme.

17. In support of the United Nations COP15 Biodiversity Summit, Welsh Government (WG) undertook its own Biodiversity Deep Dive in the summer of 2022, which agreed a set of collective actions to be taken in Wales to address and support Wales's nature recovery. The resultant recommendations are set out in the Minister's Written Statement (WS) dated 3 October 2022. In a subsequent letter to Chief Planning Officers dated 20 December 2022, WG highlights the essential role that the planning system must play in meeting the challenges laid down by the COP15 Summit, the Deep Dive recommendations and in fulfilling the duty under Section 6 of the Environment (Wales) Act 2016. Both the WS and the letter to Chief Planning Officers were issued subsequent to the submission of the application and while this report was being prepared. Together, they give a clear indication of the direction of travel but, as things currently stand, do not alter the national planning policy context against which this application has been considered. That is, the nature conservation principles enshrined in the relevant Acts and Regulations, and in national and local planning policy, are central to our conclusions on biodiversity and are discussed fully later in this report. Accordingly, we have not invited further comments from parties in respect of this matter.

18. In December 2022, we received a request from an interested party to submit late evidence in relation to: (i) the Biodiversity Deep Dive and WS, and (ii) details of its own ongoing research into mitigation and compensation schemes on solar farms which it alleges shows systematic and systemic failures in the ecological models used to deliver a benefit to biodiversity, with particular reference to the effectiveness of conditions attached to the planning permission for the Llanwern solar scheme. We have addressed the first of these issues in paragraph 17 above, so that need not be repeated here. Turning to the mitigation and compensation proposals put forward and to be secured by conditions. We do not consider that the submission of further evidence on this point would advance or alter our understanding of the efficacy of conditions designed to protect and enhance biodiversity in this case, for the reasons set out in the Ecology section of this report. We have not therefore invited further submissions from parties in respect of this matter.

The Site and Surroundings

19. The site comprises an irregular-shaped area of land of approximately 122 ha and located close to the village of Marshfield, with the smaller settlements of St Brides Wentlooge and Peterstone Wentlooge nearby. The topography of the area is generally flat, and the site is contained by a railway line along its north west boundary, Hawse Lane to the north east, Broadway to the south west and the B4239 road to the south east. The immediate area is rural in nature, being largely undeveloped and in

agricultural use, and with a scattered pattern of built development aside from the nearby settlements. The site itself is formed of a series of fields delineated by ditches and reens, which is a notable characteristic of the wider Gwent Levels area.

20. The site is located entirely within the St Brides Site of Special Scientific Interest (SSSI) designation and adjoining the Rumney and Peterstone SSSI to the west. The site is close to the Severn Estuary Special Protection Area (SPA) and Ramsar Site, and Severn Estuary Special Area of Conservation (SAC), an area which is also defined as a European Marine Site. Other locally designated sites, including Sites of Importance for Nature Conservation (SINCs) and the Peterstone Wentlooge Wildlife Reserve are also part of the wider site environs.

21. The site lies within the designated Gwent Levels Historic Landscape Area, as designated under the Register of Landscapes, Parks and Gardens of Outstanding Historic Interest in Wales, and specifically within the Western St Brides and Maerdy character areas. In terms of flood risk, the site falls within zone C1, as defined by the Development Advice Maps supporting Welsh Government's Technical Advice Note 15 'Development and Flood Risk' (TAN 15), as well as Flood Zone 3 of Natural Resources Wales Flood Map for Planning. No public rights of way cross the site, although there are several in the surrounding area, including the Wales Coastal Path.

The Proposal

22. The scheme proposed consists of rows of solar panels mounted on a static, angled framework system either screwed or driven into the ground. Conflicting figures in relation to panel height are provided in applicant's Planning Statement. We have based our assessment on the figure of 2.7m as used in the studies produced as part of the ES and shown on Drawing LH21.5. Supporting infrastructure consisting of inverter cabins, transformers, grid connection apparatus, a 2m post and wire stockproof fence, CCTV, underground cabling, temporary vehicle tracks, access, landscaping and ecological enhancements are also included within the proposal. The installed generating capacity would be 125MW. The annual output would be expected to be equivalent to meet the power needs of approximately 37,500 average UK households. Although this scheme represents a reduction in site area compared to the previous application, the applicant has confirmed that the anticipated output would be maintained due to recent improvements in panel efficiency and the proposed use of higher wattage panels.

23. The applicant's Planning Statement (para. 3.11.1) refers to a maximum of 200 battery storage units, however, we have taken the accurate figure to be 160, as referred to in the description of the development in the application form and the ES. The battery storage units would store some of the electricity generated by the panels. These would be formed from standard shipping containers and mounted on steel legs over a permeable gravel surface.

24. An area of wildflower meadow planting amounting to approximately 2.6ha is proposed on the western edge of the site adjoining Broadway. An ecological mitigation area comprising a lapwing compensation area, dormouse habitat and further wildflower planting is proposed on land to the other side of Broadway. Buffer zones would be provided along all reens crossing the site.

25. The scheme is presented on the basis of being temporary, for a period of 40 years, after which it would be fully decommissioned.

Planning Policy

26. Future Wales: The National Plan 2040 (FW) is part of the development plan. It acknowledges the impacts of a climate emergency and an ecological emergency and identifies key priorities, risks and opportunities to achieve the sustainable management

of natural resources, including addressing the climate emergency and reversing biodiversity decline.

27. With regard to climate change, FW recognises Wales's potential for solar generation, the Welsh Government's support for large scale renewable projects and the role of the planning system in providing a strong lead for renewable energy development.

28. Policy 17 expresses the Welsh Government's strong support for the principle of developing renewable and low carbon energy from all technologies and at all scales to meet Wales's future energy needs. It requires that, in determining planning applications, decision-makers give significant weight to the need to meet Wales's international commitments and the national target to generate 70% of consumed electricity by renewable means by 2030. However, it also makes clear that proposals should ensure there are no significant unacceptable detrimental impact on the surrounding natural environment and local communities and that the development delivers positive social, environmental, cultural and economic benefits.

29. Policy 18 provides detailed criteria for the assessment of proposals for renewable and low carbon energy development. The policy allows for the assessment of the impact of proposals on matters such as: the surrounding landscape, particularly in relation to the setting of National Parks and Areas of Outstanding Natural Beauty; the amenity of nearby communities and individual dwellings; internationally and / or nationally designated sites of ecological importance; statutorily protected built heritage assets; the transport network; noise and reflected light levels; effective decommissioning of the development at the end of its lifetime; and the cumulative effects of existing and consented renewable energy schemes.

30. FW also recognises the urgent need to reverse biodiversity decline and provide an opportunity to promote green growth and innovation to create sustainable jobs, sustain a more resource efficient economy and maintain healthy, active, sustainable and connected communities. It identifies the Gwent Levels as one of 9 National Nature Resources, which is important for its biodiversity, recreation, flood alleviation, carbon storage and food production.

31. Planning Policy Wales (PPW) has been updated to align with the requirements of FW. It describes the benefits of renewable and low carbon developments, as part of the overall commitment to tackle the climate emergency and increase energy security. In this context it explains that the planning system should integrate development with the provision of additional electricity grid network infrastructure, optimise energy storage and maximise renewable and low carbon energy generation.

32. Additionally, the Environment (Wales) Act 2016 includes a requirement on Welsh Ministers to reduce emissions in Wales by at least 80% by 2050 whereas the Well-being of Future Generations (Wales) Act 2015 is concerned with improving the economic, social, environment and cultural well-being of Wales.

33. PPW is supplemented by Technical Advice Notes (TANs), which provide topic specific detail. Of particular relevance to the proposed development are TAN 5: Nature Conservation and Planning (2009), TAN 6: Planning for Sustainable Rural Communities (2010), TAN 15: Development and Flood Risk (2004), TAN 18: Transport (2007) and TAN 24: The Historic Environment (2017).

34. We are also aware of WG's Practice Guidance 'Planning Implications of Renewable Energy and Low Carbon Energy (February 2011) and 'Planning for Renewable and Low Carbon Energy – A Toolkit for planners' (September 2015).

35. Alongside FW, the development plan comprises the Newport Local Development Plan 2011-2026 (LDP) which was adopted in 2015. The site and surrounding land are

subject to the following LDP designations: Green Wedge, Special Landscape Area, Coastal Zone, and Archaeological Sensitive Area.

36. The LDP policies of most relevance are: SP1 'Sustainability'; SP3 'Flood Risk'; SP4 'Water Resources'; SP5 'Countryside'; SP7 'Green Wedges'; SP8 'Special Landscape Areas'; SP9 'Conservation of the Natural, Historic and Built Environment'; GP1 'Climate Change'; GP2 'General Amenity'; GP3 'Service Infrastructure'; GP4 'Highways and Accessibility'; GP5 'Natural Environment'; GP6 'Quality of Design'; GP7 'Environmental Protection and Public Health'; CE4 'Historic Landscapes, Parks, Gardens and Battlefields'; CE6 'Archaeology'; CE9 'Coastal Zone'; CE10 'Renewable Energy'; T2 'Heavy Commercial Vehicle Movements'; T3 'Road Hierarchy'; T4 'Parking'; T7 'Public Rights of Way and New Development'; and T8 'All Wales Coast Path'.

37. The development plan is supported by supplementary planning guidance (SPG) documents which have been adopted by the Council. Of particular relevance are: Wildlife and Development SPG (Aug 2015); Archaeology and Archaeologically Sensitive Areas SPG (Aug 2015); Trees, Woodland, Hedgerows and Development Sites SPG (Jan 2017).

The Case for the Applicant

38. Accompanying the submitted application is an ES with a Non-Technical Summary, which describes the site and its designations, the proposal, the planning policy context, consultation and site selection and alternatives. It includes chapters that assess the scheme's effect on traffic and transport, heritage and archaeology, landscape and visual impact, ecology and nature conservation, ornithology, flood risk and drainage, glint and glare, noise, population and human health, and agricultural land quality and trees. There is also a chapter on mitigation measures.

39. A number of other documents have been submitted in support of the application including a Planning Statement, outline Construction Environmental Management Plan, Site Selection Sequential Test document, shadow Habitats Regulations Assessment, Landscape and Ecology Management Plan and an Assessment of the Significance of Impact of Development on Historic Landscape of Historic Interest in Wales (ASIDOHL).

40. The main points raised by the applicant in support of the application are set out below.

Environmental benefits

41. The proposal would generate up to 125MW of electricity, offsetting around 53,750 tonnes of CO_2 per annum, and serving the power needs of the equivalent of around 37,500 homes per annum. This represents a potential 0.12% reduction in Wales's overall greenhouse gas emissions and 0.3% contribution to the country's energy supply, making a significant contribution towards internationally agreed targets and decarbonisation of the country's electricity supply. The provision of battery storage will help optimise energy production and align with network demands, ensuring electricity grids are fit for purpose. The environmental benefits outweigh the impacts associated with the carbon footprint of manufacturing the panels themselves, with research showing that it would take around 2.5 years to pay back the energy cost of the panel.

Economic and social benefits

42. The scheme would generate an economic output of £2.2 million Gross Value Added (GVA) over 14 months, with significant benefits through business rates payable to the Council, the creation of jobs and other indirect benefits through the supply chain. The scheme would not be reliant on government subsidy, meaning no burden to the taxpayer, and would contribute towards energy security but reducing reliance on fossil fuels and exposure to price fluctuations. There would also be local benefits, through the

diversification of the land, which will support the ongoing viability of the landowners' farming businesses. Although not required to make the scheme acceptable in planning terms, a community benefit fund of £200,000 has been set aside for the local Community Council.

Site selection and alternatives

43. The Site Selection Sequential Test document demonstrates that there are no existing, available, suitable and viable alternative sites within the search area that meet the necessary criteria for a successful solar photovoltaic scheme of this size. The willingness of landowners and the availability of a grid connection in an area of relatively high solar irradiation are prerequisites for a viable scheme. The majority of previously developed land in the area is of insufficient size and with higher land values. Topography and orientation are matters that further constrain site suitability. The site is low quality agricultural land and the scheme would allow low-intensity farming to continue, with a full resumption after 40 years.

Traffic and transport

44. The Construction Traffic Management Plan indicates a single vehicular access during construction via an existing field access on Broadway, and identifies a route that avoids impacts on the village of Marshfield. Appropriate visibility splays would be provided. The majority of vehicle movements are associated with the construction phase, with minimal traffic during the operational phase.

Cultural heritage

45. Potential direct effects on archaeology are identified as the Levels are known to contain remains from the prehistoric period onwards, which may be of archaeological importance. Based on the assessment undertaken, mitigation measures could be employed to address these impacts, which would be temporary and reversible. An assessment of the impact of the proposal on nearby heritage assets shows no direct or indirect effects of significance. In relation to effects on the historic landscape, there would be moderate direct physical impacts and indirect impacts on both the Western St Brides and Maerdy character areas of the designated Landscape of Historic Interest.

Landscape and visual effects

46. The landscape quality of the site and surrounding area is assessed as high or outstanding. The topography and existing vegetation would provide a significant amount of screening of the development and some additional landscaping could be provided. The existing field boundaries and reens would be retained and the removal of some hedgerow would not be significant or impact on the existing pattern of boundaries. The Landscape and Visual Impact Assessment considers a variety of viewpoints and concludes that the development would have moderate adverse impact on the immediate area and a minor adverse to negligible effect on the surrounding area

Ecology and nature conservation

47. A full range of ecological surveys have been carried out and a range of mitigation and avoidance measures identified within the Landscape and Ecology Management Plan (LEMP). A Construction and Environmental Management Plan (CEMP) will avoid ecological disruption during the construction phase. Buffer zones are proposed to ensure improved habitat and connectivity for protected species. A separate assessment of the ecological compensation land finds that effects will be positive or neutral. Once operational, the development will not result in any adverse ecological impacts and will provide biodiversity enhancements as well as improved reen management. There would be no long-term harmful effects following the restoration of the land after the 40-year time period.

Ornithology

48. Surveys and assessments have been carried out, with specific attention paid to species of recognised importance. Various land management measures are proposed which would benefit birds, including the identification of land for the management of breeding lapwing. Construction works would be timed to avoid sensitive times and grassland habitat protected from vehicle damage. Post-construction bird monitoring would be carried out. Mitigation measures are included in the LEMP. The impact of the development is predicted to be minimal, with habitat enhancement and compensation for some species.

Habitats Regulations

49. A shadow Habitats Regulations Assessment (sHRA) has been undertaken, which has largely the same content as that provided for the previous planning application. It has found that the potential for likely significant effects on the SAC and SPA cannot be ruled out without mitigation measures being undertaken. However, once such measures, which would be secured through the suite of suggested conditions, are taken into account the scheme would not, either alone or in combination with other projects, have an adverse effect on the integrity of the National Sites Network.

Flood risk and water resources

50. A Flood Consequences Assessment (FCA) has been prepared, which assesses the impact of the development on hydrology in the area and details the specific mitigation measures to be incorporated. All sensitive equipment would be raised on legs, above the design predicted flood level. Battery containers and other apparatus would sit on permeable surfaces and spacing of the solar panels would facilitate dispersal of rainwater. The removal of any arable farming opportunities, intense grazing and soil compaction by animals and machinery during the life of the development would reduce soil compaction, thereby improving surface water drainage and run-off.

Glint and glare

51. An assessment of glint and glare has been carried out along sections of nearby roads and rail and from residential properties. This identifies a moderate significance of effect for drivers and train drivers at some points, which is considered acceptable given the specific circumstances this would be experienced, with a low significance of effect for occupiers of dwellings. The site does not lie within any flight paths and therefore there would be no effect on aviation.

Noise

52. A noise assessment indicates a low impact on the noise-sensitive receptors in the area and, with a suitable noise limiting condition imposed, noise can be controlled to acceptable levels and will have no adverse impact on residential properties.

Agricultural land quality and trees

53. Through engagement with the Soil Research Department in Welsh Government, it is considered that the land is classified as grade 4 on the Predictive Agricultural Land Classification Map for Wales, and as such is not within the category of 'best and most versatile' agricultural land (ES figure 16.1). PPW explains that agricultural land of grades 1, 2 and 3a is the best and most versatile, and should be conserved as a finite resource for the future. All trees recommended for retention can be protected in accordance with best practice guidance, with the Tree Constraints Plan and Arboricultural Method Statement providing further details of proposed working methodology and protection measures.

Population and human health

54. Impacts are considered in relation to reens and ditches, flood risk, electric shock and injuries caused during construction, including from site traffic. Where potential impacts are identified, these could be addressed through detailed design, management and mitigation measures such that no significant effects result from the development.

Green Wedge

55. PPW confirms that renewable energy generation developments may be appropriate within the green wedge provided they preserve its openness and do not conflict with the purposes of including land within it. The supporting text to LDP policy SP7 explains that the primary purpose of green wedges is to prevent coalescence between urban areas and that the designation is not necessarily based on the physical quality of the landscape but on their openness and their role in maintaining the distinct identity of separate communities.

Planning policy, sustainability and well-being

56. The Planning Statement sets outs the justification for the proposal being considered to fulfil the relevant LDP policies and SPG requirements, as well as being in accordance with the support given in Future Wales and PPW for large-scale renewable energy projects. The proposal would also comply with the placemaking aims set out in PPW and the goals of the Well-being of Future Generations Act.

Conclusions

57. The scheme would be delivered without any government subsidy and would reduce the country's reliance on fossil fuels and the economic exposure to international price fluctuations. It is compatible with the objectives of the Living Levels Landscape Partnership. The proposed development is sustainable in terms of the environmental, economic and social strands of sustainability set out in PPW. The numerous gains that would arise in this respect can be secured without giving rise to any unacceptable harm.

58. The solar farm permitted at Llanwern shares many of the site's characteristics and planning designations including SSSI, historic landscape area, flood zone C1, Special Landscape Area and proximity to the SAC, SPA and Ramsar site. The environmental benefits of the proposals have been recognised by Welsh Ministers in supporting the Inspector's conclusions in relation to site designations as part of the previous application.

Consultation Responses

Cadw

59. No objections to the proposal. Cadw concurs with the applicant's assessment of the impact on the settings of historic assets, which would not be significant. The archaeological assessment is appropriate, although the advice of Glamorgan-Gwent Archaeological Trust should be sought as the body charged with protecting these assets. The scope of the ASIDOHL has been determined with the assessors and it is confirmed that the methodology used is correct, as is the scoring at each stage. The ASIDOHL determines that the proposal will have a moderate impact on three HCLAs with a slight impact on another four HLCAs. It is the opinion of Cadw that the impact on the registered historic landscape will not be significant.

Campaign for the Protection of Rural Wales

60. Strongly objects to the proposal at both local and national level. The proposed site primarily lies within the Maerdy HLCA and the removal of a small percentage of the area of the solar farm from the previous application proposal will not significantly reduce the

adverse impact on the historic landscape. The Gwent Levels are not included in any of the Priority Areas for wind and solar energy in Future Wales and the St Brides/Wentlooge area were not identified as suitable for solar development in the Council's Renewable and Low Carbon Energy Assessment (2013).

61. The site sits within several designated areas and the proposal will have a significant adverse impact on the Gwent Levels landscape and SSSI. The introduction of a large solar farm within an area of green wedge is incompatible with the need to retain an open undeveloped vista to prevent the merging of two distinct cities. The GGAT archaeological study highlights the high potential of the site for the survival of historic artefacts and that irreversible and permanent damage to buried deposits could occur irrespective of mitigation measures.

62. The applicant has not produced evidence of detailed examination of alternative sites considered and the reasons given for site selection i.e. grid connection and financial constraints are unsatisfactory. The cumulative effect of large solar power schemes on the Gwent Levels has not been fully addressed. It is inappropriate to locate the proposal within an area of flood risk, particularly with the risks anticipated to increase over the life of the project due to climate change.

Natural Resources Wales

63. NRW has concerns with the proposed development as submitted but are satisfied these can be overcome by attaching conditions to secure the submission and approval of a Landscape and Environmental Management Plan; a Construction and Environment Management Plan; the recommendations in the Flood Consequence Assessment; and identifying a range of plans and documents. The applicant has sought agreement on a SoCG, which has been reviewed but considered unnecessary as there are no areas of dispute. Extensive information and advice is provided in relation to the SSSI and SPA designations, protected species, surface water and drainage, flood risk and protection of groundwater.

64. NRW highlights that the existing surveys are on the cusp of what is normally considered 'in date' but, in this instance and on balance, would not insist on further survey updates. It is noted that this position may change is the determination of the application extends into the next survey season(s). In responding to a request for further information, NRW provided general dates when surveys would be expected to be updated, which range from October 2023 to May 2024.

Gwent Wildlife Trust

65. Objects to the application. There would be significant adverse impacts on the features of the SSSI due to damage to water quality and quantity; vulnerability to flooding; and heavy metal and plastics pollution. There would also be significant adverse impacts on the Coastal and Floodplain Grazing Marsh habitat and Newport LBAP priority habitat due to shading, changes in land management, and destruction from hard development. The developer underestimates the biodiversity value of the site. The survey effort is deficient with regard to, amongst other things, baseline water quality, plants, invertebrates, water vole and the likely significant adverse impacts on them and breeding lapwings.

66. It is considered unlikely that the mitigation measures proposed via planning condition would be fit for purpose. Evidence from the 2022 Ecological Monitoring and Review of the Llanwern Solar Array - a site also located within a SSSI - shows that very similar or identical measures/conditions have completely failed. There exists no peer-reviewed meta-study of the results of post-construction monitoring of large-scale wetland SSSI solar arrays and it is therefore not possible to draw on real-life experience of the delivery of such measures as proposed by the developer. There is no study into the

results of such measures in respect of any development of any type on the Gwent Levels' biodiversity interest.

67. The proposal fails to conform with PPW, TAN 5, Future Wales, the Well-being of Future Generations Act, the Environment (Wales) Act and the Wildlife and Countryside Act 1981. The developer fails to identify how the development would constitute a net gain for biodiversity, pursuant to the requirements of Welsh Government's 'Dear CPO' letter and the requirements of PPW.

RSPB Cymru

68. Objects to the proposal. The site lies entirely within a SSSI and the potential adverse impacts on wintering lapwing have not been fully addressed. These concerns are not addressed by the revisions made to the scheme from the previous planning application. There is a lack of clarity in relation to mitigation/compensation measures for over wintering and/or breeding birds and insufficient detail on the habitat management measures for lapwing. The cumulative and in-combination effects of large-scale solar farms on the Gwent Levels SSSIs is an increasing concern due to impacts on biodiversity, protected species and key ecological features becoming increasingly marginalised.

Wentlooge Community Council

69. Concerns are raised around the extent and accessibility of public consultation. The surveys relied upon are from the previous application and are now dated and inadequate. The site is prone to flooding and the information provided fails to address all sources of flood risk. There is a lack of consideration of wildlife in the wider area, taking account of the increased numbers of breeding and migratory birds as a result of the Living Levels project. The area is of significant historical value, and this has also been enhanced through the Living Levels project. The assessment of visual impact is inaccurate and omits certain aspects of the proposal. The actual impacts are apparent when visiting the Llanwern development.

70. The information provided on construction is confusing and inadequate, fails to identify all aspects of the proposal and falls short of the requirements for buffer zones and hedgerow protection. There are errors in the surveys and the traffic management plan is flawed due to the road surface being unsuitable for heavy goods vehicles. Concerns are raised regarding the effects of shading and climatic factors on ground conditions. No reference has been made to the noise impact from transformers on surrounding residents and wildlife. Consideration must be given to the potential for glare from the panels on aircraft.

71. The proposal will affect local tourism, businesses and honey producers, as well as having a negative impact on the Wales Coastal Path. The loss of open space will affect mental health, with the area being used by residents of Cardiff and Newport. The area is also part of the multi-million pound Living Levels project to protect and enhance nature and quality of life in the area. Reference is made to statements by the First Minister, and the Minister for Climate Change which describes the work underway to better protect and manage the Gwent Levels.

72. There would be a significant loss of green wedge, opening up the area to further development in the future. Reference is made to the role of saltmarsh as globally important carbon stores, and the loss of this area would increase pollution. Concerns are raised regarding health and safety risks associated with battery storage, and the disposal of solar panels.

73. The proposal is contrary to several of the objectives and policies of the LDP, Future Wales and PPW. Other refused planning applications in the area are highlighted.

Marshfield Community Council

74. Objects to the proposal due to the harm/loss that would occur to a site subject to various important ecological and landscape designations. The success of the Living Levels Landscape Partnership would be wasted by further development in the area. The site is archaeologically important and unique historically, and these features would be lost. The land should be preserved to ensure security of food production in the future and development directed to previously developed sites. Existing flood risk in the area will worsen, due to climate change, the increased run-off from panels and the loss of the site as an area to absorb heavy rainfall.

75. The scale of the proposal is significant compared to the surrounding villages and will be overbearing on the local area. The proposal will result in habitat loss by marginalising protected species and altering the microclimate beneath the panels. The ecological compensation area offered is inadequate. The efficiency of solar panels is questioned, as are the environmental and health effects of their chemical components and subsequent disposal.

76. Large volumes of construction traffic will damage the already poor local roads and construction noise will have a negative effect on residents. Light pollution will impact on residents and nocturnal animals, and there are hazards associated with the release of soil carried pathogens and particulates into the air and watercourses. Glint and glare effects will have the potential to cause road traffic accidents. Other risks associated with fire safety and noise during operation are highlighted. There will be a negative effect on tourism and visitors to the area. The local communities see little benefit from the scheme, with other similar developments employing foreign companies for construction. References are made to the statements made by the First Minister and Minister for Climate Change in relation to the Gwent Levels.

Friends of the Gwent Levels

77. Object to the proposal. The application relies heavily on the assumption that the need to generate renewable energy outweighs all other considerations. The site selection has been based on economic viability, with an inference that no other potential sites are available. The site search has failed to consider other substantial brownfield land, employment sites and rooftops in the area. The market for energy production is already crowded and thirteen DNS applications for solar developments in South Wales are underway, in addition to seven for wind turbines.

78. The site is subject to various ecological and landscape designations, with several other recognised organisations also objecting to the proposal due to unacceptable adverse impacts on these grounds. The site is also part of the National Natural Resource Management Area defined in Future Wales and identified in numerous Ministerial and First Ministerial statements as an area to be preserved and enhanced. The proposal is not in line with WG policy on the ownership of renewable energy schemes and is opposed by both community councils. There would be no benefit to the local community. The proposal fails to accord with the requirements of TAN 15.

79. The ecological enhancement measures at the Llanwern site have failed, and that development should not be used as a precedent. The reliability of the applicant's cumulative assessment of energy facilities is questioned. There is a lack of evidence to support the effectiveness of the ecological compensatory land, and the proposal will result in significant biodiversity loss and fragmentation of bird habitats. Concerns are also raised regarding the harm to invertebrate species on the site. The applicant's assessments in respect of ecology are inadequate and incomplete.

80. The reduction in site area from the previous application has a negligible effect on the visual impact of the proposal. The combined effect of the proposal and the Llanwern

solar farm would be profound in terms of the impacts on the historic landscape and severing of the connectivity of ecological networks. There are concerns regarding the loss of agricultural land and that the applicant's assessment of agricultural land quality lacks explanation and accuracy. In any case, a lack of BMV land should not be used as justification for the proposal, with PPW advising that agricultural land quality considerations are outweighed by environmental designations.

81. The proposal would fundamentally alter the appearance of the landscape from rural to industrial which, given the scale of the proposal, mitigation could not overcome. The weight of the battery storage units would have a significant effect on soil compaction. Various errors, inconsistencies and omissions are identified in the applicant's submission documents, which undermines confidence in the developers.

Buglife

82. Objects to the proposal. The proposal will have an unacceptable impact on a designated site of nature conservation and invertebrate assemblages in the South Wales Coast Important Invertebrate Area, and fails to adequately assess the impact on invertebrate populations.

Welsh Government – Agricultural Directorate

83. No objection to the proposal. The Agricultural Land Classification grade is predicted to be grade 4 and supported by reconnaissance fieldwork conducted by the Department. No areas of BMV agricultural land are identified.

Health and Safety Executive

84. No objection to the proposal.

Dŵr Cymru Welsh Water

85. No objections in principle. The proposal is subject to Schedule 3 of the Flood and Water Management Act 2010 and therefore requires approval of Sustainable Drainage Systems features.

South Wales Fire and Rescue Service

86. Consideration should be given to the increased risk of flooding due to sea-level rises and the need to avoid building in areas of flooding. Where developments are proposed in an area at risk of wildfire, consideration should be given on how to mitigate their spread. A comprehensive fire strategy should be provided which indicates a package of measures to ensure the risk of a fire occurring is minimised.

Other representations

87. In addition to the organisations listed above, 46 other responses were received, of which 2 are in support of the proposal and the remainder object.

88. Several of the responses recognise the need to reduce reliance on fossil fuels and promote the use of renewable forms of energy production, but set out reasons why the proposed site would be an inappropriate location.

89. The majority of the responses refer to the recognised local, national and international importance of the site's features, given the various ecological and landscape designations it sits within and close to. Concerns are raised around the loss of important habitats and species and that the biodiversity value of the site has been underestimated, with the reliability and validity of the underlying surveys is questioned. Further impacts on biodiversity would occur through lighting, shading, changes to land management, soil compaction and noise. The site represents a rare and unique

wetland and historic asset that will be lost through development. The current role of the site in carbon capture will also be degraded.

90. The site is within an area of flood risk and the proposal will result in the loss of an area currently used to absorb flood waters and rainfall, the loss of which, along with run-off from the panels and soil compaction, will result in increased risk to residents and wildlife.

91. There will be significant disturbance and negative impacts to local residents, particularly during the construction phase. There is already damage to local roads from heavy vehicles and increased traffic, which the proposal will exacerbate. The construction routing plan is not realistic and will result in vehicles travelling through Marshfield and past the primary school. The highway network is inadequate to accommodate the volume and size of vehicles that will arise. The noise from the construction phase and the battery units once operational, as well as glint and glare effects, will have a significant effect on the well-being of residents and wildlife.

92. The ecological mitigation measures are inadequate and there is no independent research to support their effectiveness. The Llanwern solar farm site is highlighted as an example of the proposed measures having failed. It is uncertain that the proposed mitigation can be effectively monitored and enforced.

93. There will be negative effects on tourism and leisure, with residents and visitors using the area around the site for recreation, and an attendant reduction in health and well-being. Concerns are raised around the health and safety risks associated with the panels and batteries, particularly in the event of fire and also their eventual disposal. It is unknown where the panels and batteries will be produced and the morality of sourcing these from certain countries is questioned. The efficiency of solar panels in a cloudy, northern climate is also queried.

94. There will be a loss of agricultural land, which should be protected in order to contribute to food security in the future. The proposal will conflict with the Living Levels project and negate some of the positive outcomes already achieved. There is a lack of consideration of the cumulative impact of large-scale developments in the area, particularly in terms of landscape, biodiversity and loss of green wedge.

95. The proposal is contrary to a number of legal acts in respect of protecting and enhancing biodiversity, as well as national and local planning policy. It also conflicts with statements made by the First Minister and Minister for Climate Change on the importance of the Levels. Allowing the development would appear contradictory when considering the First Minister's refusal of the M4 scheme. Brownfield sites and rooftops should be considered as locations for such developments, before sensitive areas such as the site.

96. The evidence presented by the applicants contains various inaccuracies and inconsistencies, which raises questions of validity and reliability. There was a lack of meaningful consultation with the local community and the timing of the submission over the summer period hampered the ability of many to respond. There will be no benefit to the local community, with the development being owned by a company outside of the UK. Benefits for local projects should be secured from the applicant. Concerns are raised regarding the lengthy lifetime of the proposal and that there is a risk of future applications to extend this further.

97. The 2 representations in support of the proposal refer specifically to the environmental benefit of renewable energy, lack of permanent harm to wildlife and need to reduce reliance on imported oil and gas. There is also an opportunity for Wales to become a leader in renewable energy production.

Local Impact Report

98. The Council's Local Impact Report (LIR) is based on the information available within the submitted documents and prior knowledge of the site. Limited internal consultation has been undertaken within the Council, with no external consultation. It is presented as a factual document that identifies anticipated impacts as positive, negative or neutral without attributing weight to any impact. A Secondary Consent Addendum has been submitted that relates to the proposed battery storage units.

99. Relevant local planning policies and supplementary planning guidance are identified and the location of development is described by reference to relevant designations and classifications. The assessment of the likely impact of the proposal is summarised below.

Landscape and visual impact

100. The LVIA follows the industry standard but does not take into account elements other than the solar arrays and does not acknowledge the proposed hedgerow removal within the site or the proposed removal of vegetation to create a more open habitat within the compensatory land. The potential to soften existing views through additional planting has not been assessed.

101. It is suggested that the landscape character and visual amenity impacts set out in the LVIA are generally underplayed for the site and immediate setting. Whilst the LVIA recognises that to meet local authority policies enhancement measures are required, none have been proposed. The submitted LEMP contains inadequate detail of landscape mitigation measures.

102. The Council considers that the landscape and visual impact of the proposal would be negative. The Council also considers the impact on the Wentlooge Levels Special Landscape Area to be negative.

Ecology

103. The Environmental Statement relies upon survey work undertaken for the application at this site, the validity of which is questioned in light of the guidance published by the Chartered Institute of Ecology and Environmental Management on the Lifespan of Ecological Reports and Surveys. The impact of the proposal on the resilience of ecosystems has not been considered.

104. There is a lack of information in order to understand the impact on some species of the proposed management works associated with the ecological compensation land. The sHRA fails to take account of the proposed management works. There is also a lack of information and assessment in relation to the impact of the removal of mature trees.

105. The Monitoring and Contingency Plan referred to in the LEMP will be critical to the success of the mitigation, compensation and enhancement measures.

106. The Council considers that the ecological impact of the proposal would be negative.

Historic landscape

107. The site lies entirely within the Gwent Levels Historic Landscape, partially covering the two character areas of Western St Brides and Maerdy. The Council notes the conclusion of the ASIDOHL that the overall significance of impact would be moderate on both HLCA.

108. Maerdy HLCA remains to be the most impacted by development, where 18.9% of landscape features would be lost. Since the previous applications, attempts have been made to reduce the impact on the character areas, particularly that of Maerdy. A positive is the removal of panel from the narrow fields, which are typical characteristics

of the Levels and ensures the protection of this historic character. Increasing of the wildlife corridors along the main reens would benefit the historic landscape and allow these features to remain prominent and unharmed.

109. Suggestions that 75% of Maerdy would remain unharmed and untouched, and that the remaining 25% forms the 'least well-preserved part' have not been sufficiently substantiated and the Council can neither agree nor disagree.

110. The ASIDOHL clearly details the impact of the development on the appearance of the historic landscape. Alterations to the previous application scheme result in a reduced visual impact on the historic landscape in comparison. The Council agrees with the assessment of the visual impact on the historic landscape as 'very slight'.

Archaeology

111. The site lies within an Archaeological Sensitive Area. Impacts on the archaeological resource could be permanent and irreversible depending on the extent of ground intrusion. Without securing mitigation measures agreed with GGAT the impact would be negative.

Flooding

112. The scheme does not satisfy the justification tests set out in TAN15 for development within the floodplain (in this case zone C1) and as such the impact would be negative. If the scheme can be justified and the Flood Consequences Assessment found to be acceptable, consideration should be given to the impact of power loss from the grid. In any event the impact is likely to be negative as the scheme would lead to the replacement of a less vulnerable use with a more vulnerable use.

Coastal zone

113. The site is located within the undeveloped coastal zone and is subject to an LDP designation that provides that only development which is required to be on the coast to meet an exceptional need which cannot be met elsewhere is permitted. If the site is in a flood risk area, this must not exacerbate erosion, land instability or flood risk. An exceptional need should be demonstrated to satisfy LDP policy CE9 (Coastal Zone). The Welsh National Marine Plan would need to be satisfied. It is noted that this plan is not mentioned in the planning statement. It is considered that it should be considered if only to screen it out.

Access and highways

114. The impacts are considered to be negative without mitigation, which should include controlling HGV peak traffic flows, carrying out a road condition survey, the possible need to improve the highway around the proposed main access, the provision of sufficient on-site parking and adequate visibility splays for the access. The traffic count information in the Transport Assessment should be updated.

Rural character / mitigation

115. Consideration should be given to detailed aspects of the scheme to minimise the impact on the rural character. Such mitigation secured under condition is likely to reduce adverse impacts but there would be a significant and prolonged change in the character of the area should the proposal go ahead. This would be negative in landscape and visual terms. However large solar facilities are not atypical in rural areas and there is no presumption against them.

Noise

116. Details, including of layout, type and quantities of plant and tonal character of any noise, are not known. Obtaining information on these details could vastly change the outcome

of the assessment as no correction factors have been applied. The impact on residential properties could be negative without mitigation, which should be controlled by condition.

Glint and glare

117. The technical assessment of glint and glare concludes that potentially glint and glare could occur at 5 dwellings. However, through the subsequent detailed assessment it was determined that the nature of these effects would be reduced due to a range of mitigating factors. Consequently, it was considered that only a low significance of effect would occur in respect of all identified receptors. The impact of glint and glare is considered to be neutral.

Power generation

118. The contribution to electricity generation and consequent reduction in CO_2 emissions is positive.

Publicity

119. The Council's publicity in relation to the application is set out in an Appendix to the LIR.

Conditions

120. A list of conditions agreed between the Council, appellant, NRW and GGAT, and included within the Inspector's report, as part of the previous application on the site is set out in the LIR.

Statement of Common Ground

121. A draft SoCG, dated 4 May 2022, was submitted in October 2022 as part of the applicant's response to our request for further information. However, as noted previously this remains unsigned by NRW. The SoCG describes the amendments to the scheme following the previous application, that further ecological surveys are not required and refers to previously submitted supporting documents. Appendices provide copies of correspondence from NRW, including their formal pre-application response, as well as a list of conditions submitted as part of the previous application and the Inspector's Report. The SoCG focuses on highlighting excerpts from these documents, to underline the lack of disputed matters between the applicant and NRW.

Appraisal

122. The main considerations are:

(i) The effect on the green wedge, specifically:

a. Whether the development is inappropriate development within the green wedge for the purpose of local and national planning policy;

b. The effect of the scheme on the openness of the green wedge and the purposes of including land within it;

c. If the scheme is inappropriate development, whether the harm by reason of inappropriateness, together with any other harm to the green wedge, is clearly outweighed by other considerations, so as to amount to the very exceptional circumstances necessary to justify the harm to the green wedge;

(ii) The effect on the landscape character and visual amenity of the area;

(iii) The effect on the historic landscape;

(iv) The effect on the ecology of the area, particularly the special features of the designated SSSIs and protected species;

(v) Whether the proposed development is acceptable within a floodplain, having regard to local and national planning policy;

(vi) The effect on traffic flows and highway safety, particularly during the construction phase;

(vii) Whether any harm identified in relation to the foregoing and any other considerations is outweighed by the benefits of the scheme, particularly its contribution to renewable energy generation and combating the climate change emergency.

Green wedge

123. *Given the close similarities of the proposal to the previous application scheme, and the lack of any substantively altered evidence in respect of the green wedge designation, we consider that in relation to this issue there is nothing that leads us to a conclusion different to that of the previous Inspector, and this is set out below.*

124. The site lies within the LDP green wedge designation and is close to the Green Belt which lies to the west. PPW explains that the essential difference between the designations is that Green Belt land should be protected for a longer period than the current development plan period, whereas green wedge policies should be reviewed as part of the development plan review process.

125. PPW identifies openness as an essential characteristic of a green wedge. Its purpose includes: the prevention of coalescence of large towns and cities with other settlements; managing urban form; assisting in safeguarding the countryside from encroachment; protecting the setting of an urban area; and assisting urban regeneration.

126. PPW provides a general presumption against development which is inappropriate in relation to the purposes of the designation. Certain forms of development, including renewable and low carbon energy generation, may be appropriate in the green wedge 'provided they preserve its openness and do not conflict with the purposes of including land within it'.

127. LDP policy SP7 explains that its green wedges have been identified to prevent the coalescence of settlements, in this case Newport and Cardiff, and seeks to prevent development which prejudices the open nature of land.

128. The Courts have held that the concept of openness is not limited to the visual aspect but also includes a spatial dimension. We consider that the introduction of solar panels elevated above ground level together with the other proposed apparatus, including the transformer units, grid connection infrastructure and battery containers would reduce the physical and visual openness of the presently undeveloped fields.

129. The applicant suggests that, as renewable and low carbon energy generation is specifically listed as a potentially suitable form of development, 'openness' must instead be interpreted more as a description of landscape character. Otherwise, it argues, a narrower interpretation of the term would represent an inherent contradiction in the policy given that all forms of renewable energy development would undermine openness. We disagree; whatever the particular implications that might arise to the internal consistency of policy, it cannot alter a long-standing interpretation of what openness means in the context of Green Belts and green wedges. Such interpretation is based on the effect of development rather than the type of development being considered.

130. As is explained later, in the appraisal of the landscape character and visual amenity consideration, the development would be readily visible from outside the site. The presence of the proposed structures and apparatus on the ground would materially

reduce the sense of openness that is a particular feature of the Levels landscape in this area. These features would be viewed in the context of hedgerows and other vegetation that define field boundaries; this would reduce their impact but does not alter our view that the present openness that the site exhibits would be materially reduced.

131. The solar arrays would generally follow the contours of the land and would sit above grassland and would be mostly enclosed by hedgerows and other vegetation. It would retain an appearance that is more commonly associated with a countryside setting rather than an urban one. It would therefore not contribute to the coalescence of settlements or significantly erode the rural character of the area, or otherwise undermine the stated purposes of the green wedge.

132. As there would be no conflict with the purposes of the designation the substantial weight that such harmful impact would carry does not apply. Nonetheless the scheme's harmful effect on openness means that it constitutes inappropriate development, and would be in conflict with LDP policy SP7. PPW carries a presumption against inappropriate development and advises that, to maintain green wedge openness, development must be strictly controlled. In light of the protective provisions of local and national policy we afford this harm significant weight.

133. Given the harm identified to the green wedge, it must now be considered whether very exceptional circumstances exist to justify the grant of planning permission on the basis that other considerations clearly outweigh the harm to the green wedge.

134. The benefits of the scheme, most notably those arising from the renewable energy that would be generated, is discussed later in this appraisal. For the reasons set out in that section, the scale of the contribution and the associated benefits in relation to responding to the climate change emergency carry considerable weight.

135. The applicant has demonstrated, in the Site Selection Sequential Test document, the substantive obstacles to securing an available and suitable site for a solar farm of this scale, and the financial considerations that indicate that smaller developments may not be viable propositions. The evidence indicates an absence of suitable alternative sites that lie outside the green wedge.

136. In the absence of suitable alternative sites, we find that the scale of the benefits of this nationally significant development clearly outweigh the identified harm to the green wedge, such that very exceptional circumstances exist that would justify permitting this inappropriate development in the green wedge.

Landscape character and visual amenity

137. *With the exception of the reduction in site area and minor differences in written submissions and the Council's LIR, the evidence and other aspects of the proposal remain largely unaltered from the previous application. Therefore, our findings in relation to this main issue are consistent with those within the previous Inspector's report, and follow that approach, subject to minor amendments.*

138. The application site falls within the Wentlooge Special Landscape Area (SLA) as designated in the LDP. PPW recognises the value of all landscapes for their distinctive character and seeks to protect their special qualities and ensure that the opportunities they provide, including for wellbeing, tourism and renewable energy are taken into account.

139. The ES includes a landscape and visual impact assessment (LVIA) that has been prepared in accordance with the Guidelines for Landscape and Visual Impact Assessment (3rd Edition) methodology. It contains Zone of Theoretical Visibility (ZTV) maps which identify areas from where the development could be seen on the basis of a topographical, bare-earth analysis, and includes the parts of those areas where other

large development projects would also be theoretically visible. These maps have informed the choice of representative viewpoints from where a series of photomontages depicting the appearance of the scheme have been prepared. We have noted the professional criticisms of aspects of the assessment and the comments of others.

140. The Council and others have expressed concern that other elements of the scheme such as the telecommunications tower and, in particular, the storage containers have not been specifically assessed in the LVIA. The more vertical features such as the tower would be slender structures located among the solar arrays. In this context they would be minor elements that would not materially alter the effect of the solar arrays on the character of the landscape or its visual impact. Likewise, in the context of arrays that would be some 2.7m high the presence of a row of battery containers would not materially alter the impact of the scheme on the area's character or appearance. Details of the design of the containers could be secured by planning condition. It is evident that whilst not always specifically identified in some sections of the LVIA, there are many explicit references to the units and other elements, including the grid yards.

141. We are satisfied that any deficiencies in the LVIA do not undermine its robustness as a tool to assist the decision maker. In any event, whilst our assessment of the scheme is informed by the LVIA we have not relied on it. It has informed our appraisal of this main consideration alongside other representations as has our visit to the site, its surroundings and the Llanwern solar park that has many broad similarities in terms of scale, design and landscape setting. In our assessment we have borne in mind all of the components of the proposed scheme.

142. The LVIA has assessed the construction as well as the operational phase of the development. Whilst the construction phase, at certain times, would have a greater impact than during its operation, as it is likely to be relatively short-lived, we have focussed mainly on the operational period of the project.

Landscape character

143. The application site and environs are typical of the distinctive landscape of the Wentlooge Levels. The low lying and near flat topography and the network of drainage ditches and adjacent waterside vegetation, notably reeds, and hedgerows that frame fields and roads combine to create an open, expansive rural landscape. Generally, buildings sit comfortably within their setting, and comprise mainly isolated residential, commercial or agricultural in use. Several churches and older villages serve as landmarks that contribute positively to the composition. There are a variety of other uses including golf courses and a caravan park. There are features that detract from the quality, including some commercial operations and, most notably, the 2 rows of pylons and the Swansea to London mainline railway.

144. The LANDMAP evaluation of the aspect areas within which the site is located is 'high' in relation to the geological landscape and the visual and sensory layers (both scenic quality and character) and 'outstanding' for landscape habitats, historic landscape and cultural landscape. The historic landscape and visual and sensory layers of most nearby aspect areas are evaluated as 'high' with some 'outstanding'. In relation to the historic landscape character, whilst we have taken into account its contribution to the character and visual amenity of the landscape in this main consideration, its value as a historic asset is a matter covered under our assessment of the main consideration of Historic Landscape that follows.

145. The scheme would retain the site's distinctive field pattern, the open expanse of primarily pastoral land, the distinctive pattern of reens and ditches, and its flat low-lying landform which are all identified as distinctive landscape characteristics in the Gwent Levels Landscape Character Assessment in 2017. It would also retain the landscape's

key qualities as identified in the same assessment. The removal of a relatively limited number of trees from the ecological compensation area would not significantly alter the open, pastoral nature of the wider landscape.

146. The development would be visible, particularly from close quarters but would be seen in the context of the present field patterns that would continue to be framed by hedgerows and reeds that typify the landscape. Once constructed the development would involve very little activity that would disrupt the tranquillity of the agrarian landscape. The relatively low level and horizontal emphasis of the arrays means that they would be seen to follow the existing topography. The use of stockproof type fencing would have an appearance consistent with the primarily agricultural character of the area, albeit at a height that is taller than is generally used. Thus, whilst the presence of the development in the surrounding landscape would be clearly noticeable, it would not undermine its character. Any impact would reduce significantly with a relatively modest increase in distance from the site.

Visual amenity

147. The development has sought to avoid or mitigate potential landscape impacts. The photovoltaic panels would be seen within the existing field pattern and enclosing vegetation. Existing field boundaries would be utilised to minimise the need to create new accessways and breaches of field boundaries. The ES indicates that additional vegetation could provide screening to parts of the development. The extent of any additional landscaping could be agreed with the Council through the LEMP to be secured by condition, whilst recognising the need to ensure that any additional planting is balanced against the open nature of the landscape.

148. The proposed battery containers would be painted green and located within a narrow, elongated field such that they would be relatively close to boundary hedgerows to the north and south. Although their utilitarian design would not be aesthetically pleasing, they would be some distance from public vantage points, particularly those points that would offer views of the full row of 160 units. The proximity of the hedgerows to these rows would offer significant screening that would soften their impact, without being so close at to jeopardise the health of the vegetation.

149. From close quarters the topography of the area means that receptors would only see relatively small elements of the development from most vantage points. Vegetation and the panels themselves would generally screen views of other panels that would be at a similar height. More elevated vantage points are provided from the first-floor openings of some of the nearest dwellings and also from the railway bridges that are close to the two northern corners of the site. The impact from the first-floor views, by receptors that are sensitive to such effects, would only offer a slightly more expansive viewpoint and given their separation distance would not result in an unacceptable impact on residents.

150. The views available from the railway bridges offer vantage points that provide the most extensive views over the site. Most of the structures that would be visible would be seen as pockets of development enclosed and partly obscured by field boundaries. The closest fields to Hawse Lane would offer relatively close-up views of the solar arrays from a short section of Hawse Lane as it drops down from the top of the bridge. As the elevation reduces the extent of the development that would be visible also reduces but the arrays in the roadside fields would remain in clear view albeit somewhat softened by reeds and other roadside vegetation.

151. Most receptors that use the railway bridges would be travelling in cars and would be moving fairly quickly while drivers in particular would have their attention focused ahead. Such receptors are not regarded as sensitive to landscape impact, and the view they would gain would be short-lived. However, as many local residents have explained,

the roads are also used recreationally by walkers, cyclists and horse riders. Given the purpose of their journey and the slower speed at which they pass through the landscape they would be more sensitive to the visual impact of the development. Whilst recreational users on these sections of the local road network would be aware of the presence of the development, such views would be mainly of small parts of the development at any one time. They would be seen in the context of the road, and at times rail, traffic and in the presence of the electricity pylons. During peak construction times the visual and noise disturbance would significantly reduce the enjoyment of such routes, but thereafter the limited visibility of the development seen in a landscaped context, would not significantly affect the receptors' ability to enjoy the tranquillity and rural character of the area and, in so doing, to benefit their health and well-being.

152. The Wales Coastal Path which at its closest is some 400m from the site is identified in the LDP as an Important Recreational Route. In this area the path is elevated above natural ground levels as it follows the sea defence wall. The LVIA includes an assessment from several viewpoints along the path. Whilst some objectors have queried the assessment of the impact on users of the path, we are satisfied that intervening vegetation provides an effective screen along most of the nearby section of path. The most notable exception is that identified in the LVIA which includes viewpoint 4. From this section parts of the development would be visible. However, because receptors would be at a similar height to the site only elements of the foremost arrays would be likely to be seen. The intervening distance would mean that the impact would not be intrusive or discordant.

153. Another important recreational route nearby is the National Cycle Route 88 a part of which follows Ty Mawr Lane to the north of the site. Based on our observations and as shown in viewpoint 2, the separation distance combined with the slightly elevated intervening railway line and vegetation screening means that the development would not be readily visible.

154. There are no public rights of way that traverse the site but there are several that run nearby within the same low-lying landscape, including one that runs parallel with, and to the west of, Broadway. The extent of intervening vegetation means that any views of the development from any such route would have no more than a modest visual impact.

155. Views of the development from other sections of highway or by users of the railway line would be short lived and would be sufficiently mitigated by the screening effects of vegetation, such that the impacts would be modest.

156. PPW para 5.9.21 advises that developers should, wherever possible, consider how to avoid, or otherwise minimise, adverse impacts through careful consideration of location, scale, design and other measures. The proposed layout avoids using the fields adjacent to the public highways that bound much of the site, which will minimise the visibility of the solar arrays and associated equipment from the nearest public vantage points, particularly along part of Hawse Lane where the panels will be set well back from the road. We are satisfied that the scheme, when considered in its entirety, is generally compliant with this policy advice.

157. In terms of cumulative impacts, whilst we note the concerns raised by objectors to the incremental impact of several large solar arrays on the Levels, for reasons we have already explained, the main effects of this scheme are on its immediate surroundings. Any viewpoints that are sufficiently distant to take in this site and other large solar farms would provide panoramic views that would take in significantly more prominent developments including large settlements. Within these vistas the solar arrays would generally not be readily noticeable. We are satisfied that there is sufficient separation distance between this scheme and all the other projects assessed, including non-solar

developments, to ensure that there would be no unacceptable cumulative effects on landscape character or visual amenity.

158. For the above reasons we find that the character and visual amenity of the landscape would not be significantly affected. The proposal would not have an unacceptable adverse impact on the surrounding landscape and thus aligns with criterion 1 of Future Wales policy 18. The scheme would not conflict with the protective provisions of policy CE10 of the LDP which is that renewable energy development which affect the Gwent Levels should not cause significant adverse effects.

159. The scheme is broadly in accordance with LDP policy SP5 as it is an appropriate one for the countryside and respects landscape character and is appropriate in scale and design. As its design shows a clear appreciation of the special features of the SLA, and includes measures to protect and enhance those features, it aligns with LDP policy SP8. In line with LDP policy GP5 it would not lead to an unacceptable impact on landscape quality and, as it would not be detrimental to the character or appearance of the surrounding area, it would accord with LDP policy GP2.

Historic landscape

160. The Gwent Levels has been subject to human activity for at least 6000 years, with land reclamation recorded since the Roman period. PPW confirms that historic landscapes and archaeological remains can constitute historic assets, and explains that the planning system must take into account the Welsh Government's objectives to protect, conserve, promote and enhance the historic environment as a resource for the general well-being of present and future generations. Among the specific objectives in this regard is to conserve archaeological remains, both for their own sake and for their role in education, leisure and the economy, and to protect areas on the register of historic landscapes in Wales.

Designated Historic Assets

161. The site lies within the Gwent Levels Historic Landscape of Outstanding Historic Interest in Wales (LOHI). The area comprises discrete and extensive areas of alluvial wetlands and intertidal mudflats and represents a 'hand-crafted' landscape having been recurrently inundated and reclaimed from the sea since the Roman period. The areas have distinctive patterns of settlement, enclosure and drainage systems belonging to successive periods of use. The LOHI consists of 21 character areas which reflect locally distinctive features. The site lies within 2 of these: Western St Brides (HLCA 16) - 'simpler landscape, laid out within a framework of elements surviving from the Roman landscape'; and Maerdy (HLCA 21) - 'Regular landscape of medieval/post-medieval date in low-lying back-fen'. It lies adjacent to the Llanbedr (HLCA 17).

162. The Western St Brides HLCA has suffered from modern disturbance of its landscape character through agricultural practices and the construction of a golf course and fishing lakes. The proposed solar farm lies on the western side of the area which is described as the least well-preserved part of the HLCA. The Maerdy HLCA has been impacted in recent times by agricultural practices and the railway line severing this part from the remainder of the HLCA.

163. The effect of the proposal on the registered Historic Landscape is the subject of an Assessment of the Significance of Impact of Development on Historic Landscape of Historic Interest in Wales 2 (ASIDOHL), which takes account of the amendments to the scheme following refusal of the previous planning application. The assessment acknowledges the 40-year lifespan of the scheme and the proposed retention of the main landscape character elements of the site. The more significant direct impacts identified are from the excavation of cable runs and elements of the infrastructure, although these would form a very small percentage of the whole development. Any

possible impact on archaeological remains would affect features that are largely not visible and thus make a low contribution to the character of the HLCAs. It is the upstanding historic character remnants (drainage features, footbridges, hedgerow pattern etc) that make the most significant contribution to the landscape value.

164. In refusing the previous application, the Minister noted the greatest effect of that scheme would be on the Maerdy HLCA, where the overall significance of impact was identified as 'severe'. Three HLCAs, including Western St Brides and Llanbedr, were assessed as experiencing a 'moderate' impact and three others as 'slight' impact. The Minister agreed with the finding of the previous Inspector that this would result in a significant harmful impact whilst recognising in relation to the Gwent Levels that the extent of that harm would be relatively localised. The Minister, however, disagreed with the moderate weight given to this harm by the Inspector, instead concluding that the impact on the LOHI, in particular the Maerdy HLCA, comprised an 'unacceptable adverse impact on the landscape' in relation to criterion 1 of Future Wales Policy 18, as well as conflicting with LDP Policies SP9 and CE4, and PPW para. 6.1.20.

165. Following that refusal, the ASIDOHL was updated in March 2022 to reflect the amended proposal that forms the current application. Accordingly, the reduced scheme is assessed as having a moderate direct physical and indirect impact, resulting in a 'moderate' impact of overall significance, on the Maerdy, Western St Brides and Llanbedr HLCAs. The overall significance of the impact on four other HLCAs (Eastern St Brides, Rumney, Trowbridge and Marshfield/Coedkernew) continues to be assessed as 'slight'. In its consultation response, Cadw confirms that it considers the scope, methodology and scoring of each stage of the assessment to be correct and that the impact of the proposal on the registered historic landscape would not be significant. The Council's LIR considers that, due to the screened nature of the site and lack of visibility within the landscape areas, the visual impact on the historic landscape would be very slight.

166. In this context, we find that the effective 'removal' of panels (when compared to the previous application) from three large fields in the northeast corner of the site and from an elevated, triangular area of Field 21 would lessen the impact on the HLCAs most affected by the previous scheme. Nevertheless, we also accept that the omission of panels from discrete sections of the site, together with any additional screening, could not wholly mitigate the change to the historic landscape character that contributes to its significance. Taking these factors into account, we concur that the revised scheme would result in moderate harm to the significance of the Maerdy, Western St Brides and Llanbedr HLCAs. It would not impact on any HLCA to the 'Severe' extent identified in relation to the previous scheme and refused by Welsh Ministers.

167. The applicant's Historic Environment Desk Based Assessment (HEDBA) assessed the impact on assets within a 4km study area, including scheduled monuments, listed buildings, conservation areas and a Registered Historic Park and Garden.

168. There are no designated assets that would be directly affected by the scheme. Recognising the importance of setting to the way that historic assets are understood, experienced and appreciated the applicant has assessed whether there would be any effects on the setting of any assets within the study area, which included 8 scheduled ancient monuments and 50 listed buildings of which 4 are Grade I and 6 Grade II*. The approach taken is consistent with TAN24: The Historic Environment and the related guidance produced by Cadw.

169. Based on the Zone of Theoretical Visibility map the assessment concludes that the scheme is not capable of impacting on the setting of most designated assets in the study area. It concludes that there would be an effect on the setting of 2 assets: the

Pen-y-Lan Camp Iron Age enclosure, a scheduled monument; and, one listed building, the Grade II Gelli-ber Farmhouse, that have inter-visibility which could cause potential harm to their significance. The former is situated on a hilltop some 2.9km to the northwest of the site. Whilst the development would be visible it would be seen in an extensive view which includes many more prominent, modern, man-made features. Gelli-ber Farmhouse is within 1.3km of the site and at a similar elevation to the site. The extent of any visibility would thus be limited and seen in the context of the railway line and the pylons. In its response, Cadw also refers to negligible change to the significance of St Mary's Church and churchyard cross. Overall, we consider that there would no significant impact on any of the designated assets, and this accords with the conclusions of Cadw.

Archaeology

170. The site and surrounding area are designated in the LDP as an Archaeological Sensitive Area, and the applicant's HEDBA incorporates an archaeological assessment. This identifies any paleo-environmental remains to be of local to regional importance while any features of Iron Age, Roman and medieval date would be of regional importance.

171. The scheme would not involve extensive groundworks and the impacts from the piles used to hold the solar panels in place, which could give rise to changes in the anaerobic conditions below ground, are unlikely to have an effect on ground water levels due to their relatively small scale and localised nature. The scheme proposes mitigation measures to address archaeological impacts, including a paleo-environmental sampling and assessment strategy, and targeted watching briefs, as has been agreed at the Llanwern solar farm.

172. The recommended planning conditions would enable the means of construction to be agreed so that direct impacts would be minimised. Securing a watching brief would ensure that any excavation that impacts on artefacts or other features would provide valuable archaeological information. The recommended conditions would also require a baseline topographical survey to be undertaken, which would inform the protection of the historically significant ground profile of the ridge and furrow drainage system.

173. In conclusion, an archaeological assessment has been undertaken in compliance with LDP Policy CE6, and it demonstrates that, with suitable mitigation secured by the recommended conditions, the impact on the archaeology of the site would be acceptable.

174. Whilst the development would exist for 40 years, which is the equivalent of 2 generations and is therefore a significant period during which an appreciation of the outstanding historic quality of the landscape would be affected, the main impacts would be reversible. We thus consider there would be a moderate harmful impact in this respect, albeit in relation to the Gwent Levels the extent of that harm is relatively localised.

175. Accordingly, whilst there would be minor conflict with LDP Policies SP9 and CE4 insofar as it would not enhance the historic landscape, it would not result in an unacceptable adverse impact on the landscape and would therefore comply with criterion 1 of FW Policy 18 and paragraph 6.1.20 of PPW.

176. As the scheme would not have a materially detrimental impact on any other designated historic asset, save for its impact on the LOHI it would otherwise align with LDP Policy SP9 which seeks that proposed development conserve, enhance and manage recognised historic sites.

Ecology

177. PPW para. 6.4.3 identifies the planning system's key role in helping to reverse the decline in biodiversity and increasing the resilience of ecosystems, at various scales, by ensuring appropriate mechanisms would be in place to both protect against loss and to secure enhancement. Addressing the consequences of climate change should be a central part of any measures to conserve biodiversity and the resilience of ecosystems. It identifies the importance of supporting biodiversity, ensuring the protection of statutorily designated sites and protected and priority species, and to secure the enhancement of, and improvements to, ecosystem resilience by improving diversity, condition, extent and connectivity of ecological networks. Policy 9 of Future Wales identifies the importance of enhancing biodiversity and the resilience of ecosystems.

178. The Council and other representors have raised concerns regarding the validity of the survey work used to inform the proposal, given the length of the time that has passed since these were undertaken. In clarifying its position on this matter, NRW confirmed it considers the assessments and surveys submitted to be acceptable to enable the principle and detail of the proposal to be determined on the basis of sound information. Further information was also provided which outlines the next anticipated survey season for each protected species/site and we note that the earliest date NRW indicate is October 2023. Therefore, whilst acknowledging that some of the survey work is approaching or marginally beyond the 3-year lifespan referred to in guidance published by the Chartered Institute of Ecology and Environmental Management, we consider the surveys provided remain relevant and robust for the purposes of assessing the proposal.

Designated sites

179. The vast majority of the site is undeveloped but is in active agricultural use. The whole of the site lies within the Gwent Levels St Brides SSSI and, to its west, it adjoins the Rumney and Peterstone SSSI within which the Lapwing Compensation Land lies. The Wildlife and Countryside Act, as amended by the Countryside and Rights of Way Act 2000, places a duty on all public bodies (including local planning authorities) to take reasonable steps to further the conservation and enhancement of the features by reason of which a SSSI is of special interest. Whilst statutory designation of a site does not necessarily prohibit development, it should be refused where there would be adverse impacts on the features for which a site has been designated (PPW para. 6.4.14). There is a presumption against development likely to damage a SSSI (PPW para. 6.4.17).

180. The SSSIs citation states that the Gwent Levels are rich in plant species and communities, many of which are rare, and that the aquatic invertebrate fauna is very diverse with many nationally rare or notable species being present.

181. The solar arrays and other apparatus would be sited on the grassland areas of the site. Whilst the nature of the grassland varies across the site it is generally species poor which is a consequence of farming activities, particularly grazing. These grassland areas do not contain listed features of the SSSIs. In contrast, the vegetation within drainage ditches and adjacent areas that bound the fields is species rich. This reen and ditch habitat is one of the special features of the SSSIs and provides a habitat for 2 of its special features: insects and other invertebrates; and the shrill carder bee. Other habitats that contribute to the special wildlife interest of the area include green lanes, hedgerows and flower-rich ditch banks which are important for a wide range of species.

182. The scheme has been designed to minimise direct impact on these reen and ditch areas. Proposed trackways seek to utilise existing crossing points that link the fields but where new crossings would be required for vehicles or for cables, they would be

controlled to ensure that the functioning of the drainage network is not affected and that any impact on the habitat it provides is minimised.

183. The layout of the proposed solar arrays allows for buffer zones of 15m for the main rivers, which we note is an increase from 12.5m proposed in the previous application, and 7m for the ditches and field drains. These areas would effectively extend the valuable reen and ditch habitat and would be subject to enhancement measures and long-term management. These measures include removing sections of hedgerows to allow more light to penetrate and thereby improve the water environment. Following work to open up the reens, the scheme would secure a 7-year reen management programme which would maintain their structure and improve the habitat for qualifying aquatic invertebrates. Hedgerows to be removed would be only on the south side of the watercourses where there would be existing hedgerows that would be retained on the other side of the reen or ditch. Such works would include mitigation measures to avoid any impact on species, including dormice and nesting birds.

184. The proposed selective removal of vegetation and de-silting of the watercourses is part of good management practice, which benefits the functioning of the drainage system as well as the aquatic environment. Consequently, the extent of the improvements that could be secured through the scheme, in terms of its physical extent and 40-year time scale, far exceeds that which is likely to otherwise be realised.

185. The enhancement of the reens and ditches forms part of a suite of proposed ecological improvements that would be secured by the LEMP which would control the development for the duration of the project. Concerns have been raised over detailed aspects of the submitted LEMP but it provides sufficient information to demonstrate its potential to be refined to effectively serve its intended purpose. Its precise content would be for the developer to address when seeking its approval by the Council, in consultation with NRW and other specialist advisers, prior to any development commencing. The LEMP would provide a means of ensuring that a range of objectives would be met, including maintaining the favourable status of the notified features of the SSSI and enhancing connectivity within and across the site.

186. The FCA describes the benefits to water quality that would arise from the cessation of more intensive agricultural activities which can give rise to exposed soil leading to silt-borne surface water run-off entering the drainage system. A reduction in the use of pesticides and fertilizers would also benefit water quality. The scheme would allow soil structure to improve and grassland cover to be maintained to the benefit of rainwater management.

187. Whilst noting the surface water benefits that would arise during the operational phase of the development, the construction and de-commissioning phases would result in activities that could result in accelerated surface water run-off with the potential for silt and pollutants to enter the drainage network. This would not only harm the special features of the SSSIs but also has the potential to impact on the Severn Estuary SAC and SPA. This is recognised by the applicant, and we are satisfied that through the adoption of good practice techniques to prevent contaminated water entering watercourses this risk can be effectively controlled. This would be secured through the recommended condition to require a CEMP.

188. During the course of the previous application NRW commissioned a specialist ecohydrological impact assessment of the scheme (Rigare, December 2020). It focussed on the SSSI interest features which have water-related environmental supporting conditions. These are the plant and invertebrate species and assemblages which are associated with the reens and ditches. Subject to adequate controls over the development no significant hydrological impacts are identified including in terms of the

water quality, land drainage or run-off rates. The findings are consistent with those of the applicant's FCA. A water monitoring requirement would be secured as part of the LEMP.

189. Some representors are concerned that the siting of battery storage containers would lead to extensive soil compaction. The applicant has confirmed that these would be sited on a frame supported by legs such that any soil compaction would be minimal. A porous surface would facilitate drainage. Such details can be secured by condition.

190. The works proposed on the Lapwing Compensation Land to make the area suitable for overwintering and nesting lapwing involves removal of sections of hedgerows, including trees to create a more open environment. This would also provide an opportunity to improve the habitat for the shrill carder bee and to return other features of the SSSI (reen and ditch habitats, aquatic invertebrates and other invertebrates) to a 'favourable condition'.

191. Thus, we consider that the scheme's design, supplemented by detailed controls over its construction and future maintenance and management that would be secured by means of the recommended conditions, would ensure the improvement of the habitat of the affected SSSIs and their special interest plant species and invertebrates.

192. Within some 500m of the site lies the Severn Estuary SPA and Ramsar site and the Severn Estuary SAC is 2km or so distant. The 'qualifying interest features' of the SPA are detailed within the 'Regulation 33 Advice' published by CCW and Natural England in 2009. These are noted to comprise a range of bird species within three 'supporting habitats': intertidal mudflats and sandflats, Saltmarsh and hard substrate habitats. For the SAC the habitats, types and species listed include an overarching "estuaries" feature within which subtidal sandbanks, intertidal mudflats and sandflats, Atlantic salt meadows and reefs and 3 species of migratory fish are defined as both features in their own right and as sub-features of the estuary feature. The qualifying interest features of the Severn Estuary Ramsar Site overlap with those of the Severn Estuary SPA and the SAC in order to facilitate the development of integrated objectives across the designations.

193. For reasons explained in relation to the Habitats Regulations procedure below we are satisfied that, provided that the suggested conditions are imposed, the scheme would not harm any of these internationally important sites.

194. Within 3km of the site there are 6 non-statutory sites designated for their nature conservation value, a Gwent Wildlife Trust Reserve and 5 SINCs. They have been included in the assessment, but no significant effects identified.

Protected species

195. The ES describes the surveys undertaken on and around the site that have identified the presence of protected and priority species. In some instances, where presence has not been confirmed but the potential for presence has been identified, such presence has been assumed. The identified species include badgers, otters, bats, water vole, grass snake, common frog and toad, great crested newt, western European hedgehog, weasel, European eel, brown-banded and shrill carder bee.

196. The SSSIs of St Brides and of Rumney and Peterstone have not been designated for their ornithological interest. In the context of the Severn Estuary SPA, the Ramsar Site and SSSI, the site supports populations of European importance of Bewick's Swan and several migratory species and supports populations of national importance.

197. Adopting the precautionary principle, the site has been considered as of local importance for lapwing and skylark breeding. Other breeding birds likely to use the site

would be associated with the hedgerows and drainage network. The site is also considered of local importance for Cetti's Warbler, Peregrine Falcon and Barn owl.

198. The site provides a suboptimal habitat for the majority of water birds associated with the SPA and Ramsar site and observations of qualifying species were in very low numbers, and relatively low numbers of assemblage species, other than for lapwing where significant numbers in winter were recorded.

199. The LEMP proposes a mitigation strategy to avoid, minimise and compensate for biodiversity loss and ensure a net gain for biodiversity. NRW has confirmed that it is satisfied with the information provided by the applicant in support of the application as supplemented by additional information, subject to the imposition of recommended conditions. The LEMP would also include details of monitoring and potential contingency measures.

200. The siting of the solar arrays on the grassland raises particular concern in terms of the potential to impact on birds, most notably lapwing, and certain invertebrates, particularly the shrill carder bee that feed and nest on grassland. Whilst the extent to which the fields are grazed means that their value as such a habitat is limited, the potential impact has required particular consideration.

201. The shrill carder bee is a notified feature of both St Brides and the Rumney and Peterstone SSSIs and there are other aquatic and terrestrial invertebrates cited and recorded such that the invertebrate assemblage is of national importance. The local shrill carder bee population is also of national importance. It forages and nests on open, flower rich grassland. The grasslands on which the panels would be sited is currently not a valuable habitat, however there is concern that the scheme could cause damaging fragmentation of habitat.

202. The project proposes a wildflower meadow along the western edge of the site and the applicant has provided additional information in the form of a Shrill Carder Bee Mitigation and Enhancements Strategy (March 2022). NRW has confirmed that it is satisfied that SCB strategy could be incorporated within the approved LEMP and secured by condition to ensure that there would be sufficient enhancement of the site's habitat, including connectivity routes and the provision of wildflower belts on the periphery of fields, to avoid any negative impact. This would also allow minor discrepancies and amendments to be addressed. The same benefits can be expected to the brown-banded carder bee that is also present and is also a priority species listed under Section 7 of the Environment (Wales) Act, 2016.

203. The scheme would result in the loss of open fields that would be suitable for foraging by wintering lapwing. This resource is of county significance despite the availability of numerous other fields in the locality. Over 2 years of winter surveys the highest recorded lapwing presence was 300 with the second highest at 170. To compensate for this loss the project proposes that hedgerows and trees would be removed, and grassland suitably managed to create an open area suitable for lapwing within the off-site compensatory land. That would be secured through condition on land that the applicant has confirmed is within its control. NRW considers the mitigation measure to be acceptable, and we agree. The concerns expressed by the RSPB are focussed on the need for additional detail to inform an effective management plan which can be secured through the recommended conditions. Inconsistencies highlighted in the area of the compensatory land are relatively minor and can be clarified as part of the details to be agreed.

204. In response to concerns that invertebrates may lay their eggs on the solar panels mistaking them for a body of water, the applicant has demonstrated that the key invertebrate species that are on site do not include species, such as mayflies, that lay

eggs on open water surfaces. Moreover, the aluminium frames of the panels would be likely to avoid this risk. Whilst concern has been raised at the danger of birds striking the panels there is no compelling evidence to suggest that would pose a significant risk to local populations (ES para. 12.9.8).

205. The removal of sections of hedgerows within the application site and the Lapwing Compensation Land would result in the loss of habitat suitable for dormouse commuting/foraging. The applicant has provided a Dormouse Mitigation Strategy (March 2022) for this compensation land which supplements the Ecological Impact Assessment (February 2022). The internal hedgerows within this land are suboptimal for dormice and it is proposed that peripheral hedgerows would be enhanced to improve connectivity across the land. A dormice survey of the application site revealed low numbers, but the survey did not extend to the compensation land and, whilst their presence is considered unlikely, the precautionary principle has been adopted and presence assumed. The strategy describes the approach that would be undertaken to carrying out and thereafter monitoring the works. NRW has confirmed that the approach taken is satisfactory. We agree, noting that if dormice are present the developer would require a European Protected Species (EPS) licence from NRW before proceeding, which provides effective protection. This would also be the case in the event that any other EPS was found during the course of the works. NRW raise no concerns in relation to the loss of trees with potential bat roost features and, given that this will be re-assessed prior to removal, we find no reason to disagree.

206. The scheme incorporates elements designed to minimise impacts on features of nature conservation value, for instance minimising new tracks and avoiding reens and utilising existing watercourse crossing points. The spaces to be provided between and underneath the solar panels would permit grasses to grow and support low-intensity sheep grazing.

207. As the method of construction would require careful control to minimise any adverse ecological impacts the role of a CEMP and a LEMP, which would be secured by conditions, are particularly important. They would effectively identify periods when certain works cannot take place, for instance the removal of hedgerows during the bird nesting season, as well as identifying details that would need to be agreed before any works can commence.

208. In addition to the ecological benefits that we have already identified, including those arising from the enhancement, maintenance and management of the drains, reens and grasslands, the scheme would also provide the means of eradicating the 13 non-native invasive species that have been identified on the site and which have a negative impact on biodiversity. These are enhancements that would benefit the land- based and aquatic environments of the SSSIs and much of the species that depend upon these habitats. Their timely delivery would be secured through the recommended conditions.

209. For reasons set out in Annex B, Appropriate Assessment (AA), we have found that the scheme would not affect the integrity of the sites that form part of the National Sites Network. For the same reasons we are also satisfied that the integrity of the Ramsar site would not be affected. Thus, the scheme aligns with criterion 3 of policy 18 of Future Wales.

210. For reasons explained above we consider that the scheme would cause no unacceptable impacts on national statutory designated sites for nature conservation (and the features for which they have been designated), or protected habitats and species, thereby satisfying criterion 4 of Future Wales policy 18 and LDP policy GP5. The measures beneficial to biodiversity that have been incorporated within the scheme and those that would be secured through the recommended conditions are significant,

as is the extent to which conditions would avoid or mitigate any potential harmful impacts, and would promote ecosystem resilience. Accordingly, and mindful of the Section 6 duty of The Environment (Wales) Act, the recommendations from WG's Biodiversity Deep Dive and the advice in PPW to enhance biodiversity, we consider that, in line with Future Wales policy 9 and criterion 5 of policy 18, the proposal includes biodiversity enhancement measures to provide a net ecological benefit.

211. Several objectors raise concerns over the cumulative ecological impact of the scheme with other projects, including other large solar farms that have been developed or are in the pipeline within the SSSIs of the Gwent Levels. However, given our findings on the positive impact of this proposal on the SSSIs and the distance separating it from any other solar farm, we consider that there would be no harmful cumulative effects. Some objectors suggest a need for a moratorium on further solar farms of the Gwent Levels but, as this is a matter for policy makers, it is outside the scope of this report.

212. The importance of controlling the development through conditions to our finding on the scheme's acceptability on this main consideration will be clear from the foregoing. Objectors have questioned the efficacy of such conditions and consider that similar mitigation measures imposed on other solar schemes, and the Llanwern development in particular, have been ineffective. With regard to the former concern, we are satisfied that the outstanding matters to be agreed prior to the discharge of certain conditions are ones of detail that would be considered within a framework which has been sufficiently established to demonstrate that conditions would be capable of safeguarding ecological interests. In discharging such conditions the Council would be advised by its own ecologist and NRW and any other specialist bodies that may be appropriate. The applicant accepts that the scheme would not be able to proceed until such time as details sufficient to satisfy the Council have been provided.

213. With regard to the Llanwern scheme, it is notable that no concerns have been raised by the Council or NRW in relation to the success, or otherwise, of the mitigation measures secured by that planning permission. Even if there have been shortcomings in those mitigation measures, we would expect any lessons learned from that site to inform the details submitted and agreed pursuant to the relevant conditions in any permission granted here. Hence, whilst we acknowledge the concerns of interested parties in this regard, there is no substantive evidence to demonstrate that the conditions are not capable of achieving the effective mitigation required to make the development acceptable. Rather, we have sufficient certainty, that the biodiversity interests would be effectively protected.

Habitat Regulations Assessment

214. Regulation 63 of the Conservation of Habitats and Species Regulations 2017, as amended, imposes a requirement to consider the potential effects of a proposed development on the National Sites Network, in this case the Severn Estuary SAC and SPA. The application was accompanied by a Shadow Habitat Regulations Assessment (sHRA).

215. At Annex B we have set out an AA for the Welsh Ministers. It is based on the sHRA, the advice of NRW including in its role as the statutory nature conservation body, and the comments received by other parties in response to the application. The AA concludes that the scheme, either alone or in combination with other projects, would not have an adverse effect on the integrity of the SAC or the SPA.

Flooding

216. *With the exception of the publication of the Flood Map for Planning, which is referred to below, and the incorporation of a previously submitted Technical Note into the main body of the applicant's Flood Consequence Assessment, there has been no substantive change to the evidence relating to flood risk from the previous application. In respect of this issue we therefore concur with the assessment and findings within the previous Inspector's report and this is replicated below, subject to minor amendments*.

217. The flat, low-lying site and surrounding area is land reclaimed from the sea which is protected from tidal flooding by man-made sea defences. It is therefore classed as zone C1 on the Development Advice Maps of TAN 15: Development and Flood Risk. NRW's more recently produced Flood Map for Planning (FMfP) shows the site to be wholly within Flood Zone 3, identifying a greater than 0.5% chance of flooding from the sea in a given year, including an allowance for climate change. Whilst the FMfP is the most up to date spatial information available in respect of flood risk, TAN 15 remains the relevant framework for the application of planning policy.

218. PPW, at para 6.6.22, advises that planning authorities should adopt a precautionary approach of positive avoidance of development in areas at risk of flooding from the sea or from rivers. Surface water flooding will affect choice of location and the layout and design of schemes and these factors should be considered at an early stage in formulating development proposals.

219. TAN 15 provides more detail including, at paragraph 6.2, that only development that is not highly vulnerable should be permitted within zones C1 and C2 and only if it is justified in that location. Development will only be justified if it can be demonstrated that:

    i) its location in zone C is necessary to assist, or be part of, a local authority regeneration initiative or a local authority strategy required to sustain an existing settlement; or

    ii) its location in zone C is necessary to contribute to key employment objectives supported by the local authority, and other key partners, to sustain an existing settlement or region; and,

    iii) it concurs with the aims of PPW and meets the definition of previously developed land; and,

    iv) the potential consequences of a flooding event for the particular type of development have been considered, and in terms of the criteria contained in sections 5 and 7 and appendix 1 found to be acceptable.

220. There is no dispute that the scheme does not satisfy any of the first three of the above justification tests. However, at paragraph 5.3 the TAN explains that some uses should be treated as exceptions to the general rule in relation to the vulnerability of uses to flooding. These include boatyards, marinas, essential works required at mooring basins, and development associated with canals. They are not subject to the first part of the justification test (as set out in i to iii above) but are subject to the acceptability of consequences part of the test (iv).

221. In the Llanwern solar farm decision (application ref: 3150137) the Cabinet Secretary for Energy, Planning and Rural Affairs accepted the Inspector's finding that the solar scheme under consideration fell within this exception. As the cited site-specific considerations in that case – the availability and proximity to a grid connection, and the high number of hours of sunshine – apply here, we consider that there are robust reasons for locating the development within this zone as an exception to the first 3 justification tests. The Llanwern decision also established the Cabinet Secretary's view

that, in this context, solar farms should not be regarded as 'power stations' or as highly vulnerable development, and there is no reason not to follow that approach.

222. In response to the fourth of the TAN 15 justification tests, the application has been accompanied by a Flood Consequences Assessment. The assessment includes modelling data which predicts the increase in sea level over the lifetime of the project. To withstand any significant flooding incident the scheme proposes to elevate all the solar panels, battery storage units and other apparatus above the predicted sea water flood level. As the uplift would be achieved by the use of supporting legs, the site's storage capacity of flood water or its flow across the site would not be materially affected. Inundation speeds from a breach of sea defences would not be rapid and would not represent an unacceptable risk to site workers.

223. Local residents attest to incidents of flooding in the area, and aerial photographs have been provided showing flood waters. It is evident that this flooding is caused by surface water when, during prolonged periods of wet weather, the capacity of the drainage system is exceeded and localised pooling of water occurs. This is an issue unrelated to the risk of sea defence flooding. Although it can cause problems to local residents, property owners and highway users it would not occur to a depth similar to that which has been modelled in the FCA in the event that the sea defence is breached. Such localised flooding is of course a more likely occurrence and may restrict construction activities for short periods. There are measures proposed to ensure that such incidents would not impact on the operation of the solar farm.

224. We are satisfied that the proposal would not exacerbate localised flooding. The solar panels would be installed with expansion joints which would allow water to drain through these gaps. As the water would fall on land which would be grassed and lightly grazed run-off rates can be expected to be lower than is presently the case. The clearing of vegetation and silt from the reens and ditches, some of which are in significant need of such work, would also improve the drainage system.

225. For the foregoing reasons we conclude that the scheme is consistent with flood risk policy set out in PPW and TAN 15. It follows that it is also consistent with LDP policy SP3. As the scheme has been designed to withstand the predicted climate change effects on flooding, and demonstrates that the risk and consequences of flooding could be acceptably managed, it complies with LDP policy GP1.

Traffic and highway safety

226. *Aside from the clarification of a single construction traffic route and a minor decrease in the daily number of anticipated HGV movements, the evidence and proposal remain unaltered from the previous application in respect of traffic and highway safety issues. In relation to this issue we therefore agree with the findings of the previous Inspector's report, as set out below with minor amendments*.

227. The proposed construction traffic route for HGVs avoids the village of Marshfield and instead involves approaching the site from the west, utilising the B4239 road from Lamby Way on the eastern outskirts of Cardiff, with a single access point on to Broadway on the western boundary of the site. The ES (para. 8.2.1) confirms that abnormal loads will not need to access the site during construction.

228. In agreeing a Traffic Management Plan (TMP) the Council would have the opportunity to pursue the detailed matters that cause it concern, for instance undertaking a road condition analysis pre- and post-construction so that any damage to the highway that may be caused can be identified.

229. The timing of the construction work would require careful planning to align with various constraints. Whilst such considerations and the need to avoid periods when the site is

particularly wet, may restrict on-site operations, the applicant is confident that such considerations would have limited impact on the transportation plan. That plan identifies a period of 12 weeks with the greatest volume of traffic expected in weeks 8 and 9 when 22 daily HGV movements are estimated, which equate to less than 3 movements per hour over an 8 hour day. It is accepted that this period might need to be extended, but in doing so the daily volume of traffic would reduce.

230. There would inevitably be some disruption to local traffic during this period. Nonetheless the use of appropriate traffic management regimes, as is commonplace with schemes of this nature, would minimise any difficulties. The affected road network is not heavily trafficked and whilst there would be a degree of inconvenience to users, this would be relatively short lived. Although there would be additional HGVs movements on the roads, these are wide enough to allow vehicles to pass, and would not jeopardise the safety of highway users nor would it exceed the capacity of the road network. The access for construction traffic would meet the appropriate standards in relation to visibility splays based on the measured speed of traffic and on-site parking would be a requirement secured by condition. It would thus accord with LDP policy GP4.

Benefits of the scheme

231. The applicant's Planning Statement (para. 1.1.16) states that the proposal is estimated to produce sufficient energy to power up to 37,500 homes over its operational lifespan and to displace some 53,750 tonnes of CO_2 a year and 2,150,000 tonnes over the life of the scheme. This represents a substantial contribution to the production of energy from a renewable resource and to the reduction in greenhouse gas emissions. Such a contribution is significant in the context of the Welsh Government targets and its commitment to address the climate emergency.

232. The battery storage facility provided by the proposed container units would ensure that the supply of energy generated by the panels can be controlled to reduce the miss-match between peak demand and supply. The benefits of an increased use of energy storage to provide a balance in this respect is recognised in PPW.

233. Future Wales policy 17 confirms Welsh Government's strong support to the principle of developing renewable and low carbon energy from all technologies and at all scales to meet our future energy needs. It explains that in determining planning applications for renewable and low carbon energy development, decision-makers must give significant weight to the need to meet Wales's international commitments and Welsh Government's target to generate 70% of consumed electricity by renewable means by 2030 in order to combat the climate emergency. Whilst some objectors question the efficiency of solar panels and the value of the scheme's contribution to the nation's renewable energy production there is no certainty in their suggestion that targets would be met without the development of the site.

Other considerations

234. *In addition to the above main considerations, numerous other concerns have been raised, the main ones are addressed below. These are generally consistent with the concerns raised during the previous application and, given the close similarities with the proposal presented in the scheme before us, the evidence presented gives us no reason to reach findings different to those of the previous Inspector. These are provided below with amendments where necessary.*

Site location, selection and alternatives

235. The applicant's Site Selection Sequential Test document explains that the application site has been chosen because of a combination of reasons including the high number of sunshine hours; that the agricultural land is not classified as 'best and most versatile'; its

owners are willing to release land for the proposed development; and the availability of a sufficiently large site to allow the economies of scale which would make a scheme viable. The essential attribute of the site, and the one which ties it to the immediate area, is its proximity to 132 kV power lines with the capacity to accept the electricity which would be generated.

236. In accordance with LDP policy CE10 the site search process first considered the availability of previously developed land but as those identified as available were advertised for commercial use, they were deemed to be economically unviable. The physical capacity constraints of available rooftops means that they are not a viable alternative to the scale of the development proposed.

237. The land has been shown not to be the best and most versatile land and is thus outside the protective provisions of PPW in relation to agricultural land.

238. The site lies in an area classed as countryside in the LDP and where new development is strictly controlled. As the proposal is one which is appropriate in the countryside, and would respect in scale and design the landscape character and biodiversity of the area, it would comply with LDP Policy SP5.

239. In the context of LDP policy CE9 we consider that the generation of a significant amount of renewable energy would be a considerable benefit and could be described as an exceptional need. Although in a C1 flood zone the proposed development would not be at risk itself nor exacerbate risks from erosion, flooding or land instability. As the application has established that the proposed development would be required in this coastal location to meet an exceptional need which cannot reasonably be accommodated elsewhere it would be consistent with policy CE9.

240. The 'Renewable and Low Carbon Energy Assessment' was a study into the potential for low carbon energy within the areas of Newport and Torfaen councils. It was not intended to be used to assess individual planning applications for stand-alone renewable energy generating systems and thus carries little weight in the consideration of this case.

241. As there are no over-riding environmental or amenity considerations the proposed solar farm can be considered favourably, consistent with LDP Policy CE10. This policy also states that large scale proposals may be more appropriately located outside defined settlement boundaries if no appropriate brownfield sites exist, criteria which are both met in this instance.

Glint and glare

242. As Chapter 14 of the ES makes clear the intensity of reflection from panels is relatively low given that they are designed to absorb light, and the reflection would be experienced at the same time as direct sunlight. It concluded that, as there would be no significant impact, there was no requirement for mitigation. The applicant's Solar Glint and Glare Study (February 2022) identifies only a modest potential impact on nearby residents. Appendix F of the document explains that only in circumstances where solar reflection would last for more than 60 minutes a day for more than 3 months should mitigation be implemented.

243. The study takes into account the presence of existing screening, but we consider that the continued presence of some of that vegetation cannot be relied upon especially given the likelihood that drainage management routines may remove vegetation that presently provide some screening. The study identifies 5 dwellings that would experience some reflected light from the panels. It would occur only when weather conditions permit and would be relatively short lived, potentially lasting up to 30 minutes. The effect of reflected light, which cannot be mitigated in this instance, is likely

to be readily visible to residents, particularly from first floor openings. However, it would only be seen during bright clear days and would be short lived. Such an effect would not give rise to unacceptable living conditions.

244. The ES (para. 14.7.8) identifies the impact significance on drivers as low, whereas the study (section 9.2) classes the impact at various points of the 3 adjoining roads as moderate. However, when considering the fact that drivers would not be directly facing the reflected light, with views towards it also being towards the sun, we do not consider that there would be an unacceptable effect.

245. The presence of hoods would protect the visibility of railway signal lights and for reasons explained in the study, any reflected light experienced by drivers would not affect their ability to perform their duties safely. Network Rail has been notified of the scheme and has offered no objections.

246. The ES states that the site is not located within any flight path and there is no persuasive evidence to suggest that the safety of any aircraft, including a helicopter that may regularly cross the site, would be compromised. Notwithstanding the deficiencies identified by objectors of the applicant's assessment, we are satisfied that whilst some receptors would be exposed to the effect of reflected light, any such effect would not undermine safety, nor would it unacceptably affect local residents.

Residential amenity

247. In addition to the potential effects of reflected light and visual impact on the living conditions of local residents which we have already considered, concerns have been raised in relation to noise and disturbance. The noise assessment establishes that there would be no material noise impact during the operational phase. There would be some disturbance during the construction phase, but the proposed CEMP provides a mechanism for avoiding any unacceptable impacts, including in terms of noise, dust, light pollution and flooding, thereby complying with LDP policies GP2 and GP7. There is no evidence that the scheme would lead to any other impacts on the health of local residents.

248. The ES explains that the development would be installed by a qualified contractor in accordance with the appropriate guidance and regulations and that electricity transmission could be quickly and remotely disabled in the event of any health and safety concerns. There is no evidence that any effects on local businesses is such that it would lead to a harmful impact on the local economy.

The Living Levels Landscape Partnership

249. The Living Levels Partnership Area extends over the Gwent Levels. Its broad aims include: to restore, enhance and celebrate the natural heritage of the Levels; and to improve connectivity of the landscape to enhance community and visitor experiences and develop the Gwent Levels as a destination. For reasons already set out we have found that the landscape, ecology and historic features of the area would not be harmed. It follows that the proposed development would not be contrary to any of those objectives or that it would be detrimental to the initiative as a whole.

Community benefit

250. Several objectors are critical that the scheme would not benefit the local community. Future Wales policy 17 seeks that proposals describe the benefits the scheme would bring in terms of social, economic, environmental and cultural improvements to local communities. The applicant has explained how the project would provide a range of employment opportunities as well as wider opportunities for spin-off benefits.

251. The applicant has offered Wentlooge Community Council a financial contribution towards local community projects which it explains would be secured via a legal agreement in parallel to but outside the planning process. There is no reference of any offer being made to the Marshfield Community Council whose administrative boundary lies close to the application site.

252. The Government targets for renewable energy includes one gigawatt of renewable energy capacity to be locally owned by 2030 and for new renewable energy projects to have at least an element of local ownership from 2020 (Future Wales, pg. 96). PPW (para. 5.9.26) explains that local benefits can be justified as mitigation of development impacts through the planning process, noting that developers may offer benefits not directly related to the planning process. In this case the applicant has explained why a community ownership scheme is not a practical option but rather is proposing a community benefit fund. As there is no suggestion that the contribution would be required to mitigate any impact of the scheme on the community no obligation seeking to secure such a contribution has been sought given that it would not meet the tests that section 106 planning obligations should meet (Welsh Office Circular 13/97).

Temporary nature

253. In line with PPW (para. 5.9.30) conditions would be imposed to control the decommissioning phase of the project to ensure that the land was restored to an agreed condition. Whilst the impact of most of the work on the site would be reversible some impacts, such as on localised soil layers and archaeological remains, would not be temporary effects. The effects on the ecology of the area that would be secured through enhancement measures and future management can be expected to leave a positive legacy. Concerns have been expressed that the development would not prove to be temporary, or that it would be replaced by other development. Planning permission would be required to realise either scenario and any such application would be determined against the development plan policies and other circumstances prevailing at that time.

Sustainability, placemaking and well-being

254. Policy 17 of Future Wales includes an expectation that proposals should describe the net benefits it would bring in terms of social, economic, environmental and cultural improvements to local communities, and these are set out in the application. As the scheme would provide on-site transmission of electricity to the grid it aligns well with the aim set out in policy 17 of both minimising the visual impact on local communities of grid infrastructure and reducing the barriers to the implementation of new grid infrastructure.

255. In reaching our recommendation, we have taken into account the duty to improve the economic, social, environmental and cultural well-being of Wales, in accordance with the sustainable development principle, under section 3 of the Well-being of Future Generations (Wales) Act 2015. Section 7.3 of the applicant's Planning Statement assesses the scheme against the 7 well-being goals of the Act. Taking these and the ways of working set out at section 5 of the WBFG Act into account, we consider that our overall conclusions are in accordance with the sustainable development principle through its contribution towards one or more of the Welsh Ministers' well-being objectives set out as required by section 8 of the WBFG Act.

256. Concerns are expressed over the harmful impacts on the world's resource of the production of the panels and the potential harm on carbon sequestration of the construction work. However, the scheme has considered the use of materials and there is no persuasive evidence to demonstrate that such effects or the impact on the site would negate the scheme's considerable contribution to reduce CO_2 emissions. Nor is

there any evidence to indicate the scheme components would be sourced from countries where political and social matters may result in conflicts of an ethical nature.

257. Taking into account the applicant's assessment of the scheme against the 5 national sustainable placemaking objectives, as set out in Figure 5 of PPW, we consider that the scheme performs well against these measures.

258. Policy 18 of Future Wales is of particular relevance in the determination of any DNS application for renewable energy developments. All save one of its 11 criteria have already been considered under the main or other considerations above, including where appropriate, in respect of any cumulative impacts with existing and consented renewable energy schemes. The remaining criterion, which relates to operations of defence facilities and operations, is not relevant to this case.

Conditions

259. The Council has provided a list of suggested conditions within its LIR. This schedule reflects the conditions agreed between the Council, the applicant, NRW and GGAT during the previous planning application, and which were recommended for inclusion in the previous Inspector's report. With the exception of amendments to plans and drawings references, and factual updates, the wording of the suggested conditions is unchanged.

260. In the event that the Welsh Ministers decide to approve the application, we consider the conditions at Appendix A to satisfy the tests set out in Circular 016/2014: The Use of Planning Conditions in Development Management.

Planning Balance and Overall Conclusion

261. The scheme would give rise to moderate harm to the character of the LOHI. The greatest impact would be to the Maerdy HLCA. Taking into account the scheme's compliance with FW Policy 18 and that any conflict with LDP Policies SP9 and CE4 would be minor, along with the relatively localised extent of the harm, we afford this consideration modest weight.

262. There would also be harm to the green wedge by reason of its conflict with local and national policy that affords protection against inappropriate development. This harm would be time limited albeit for a significant period and its effect would not undermine any of the purposes of green wedge designation. Against this context we have found that the renewable energy benefits constitute very exceptional circumstances such that the scheme is green wedge policy compliant.

263. The site lies within a national statutory nature conservation designation and close to international designations, and is within local landscape, archaeological and coastal designations, and in C1 flood risk zone. We have found that the scheme's impact in relation to these designations would be acceptable in all respects, subject to the controls that would be required by the recommended planning conditions. The conditions would secure enhancements to important ecological features and would ensure that none of the other matters raised in objection to the proposal weigh appreciably against the scheme.

264. None of our findings in relation to the foregoing matters are materially altered by the inclusion of the proposed battery containers, noting that this is the subject of a separate consent application.

265. The main benefit arising from the scheme would be its contribution to the production of renewable energy and consequential reduction in CO_2 emissions. The on-site storage of power generated from the panels provides benefits in terms controlling the rate of flow to the grid, enabling the peaks and flows of production to be evened out so as to

align better with consumption. The scheme would also provide local economic and employment benefits.

266. We afford these benefits considerable weight in the light of the support for such contributions in policies 17 and 18 of Future Wales which sets out Welsh Government's approach to promoting the increased production of renewable energy in a way that seeks to strike an appropriate balance with the protection of other relevant interests. As Future Wales is the most recently adopted part of the development plan and contains the most directly relevant policy to renewable energy projects of national significance and given that the conflicts that we have identified with the LDP are relatively minor, we conclude that the proposal complies with the development plan.

Recommendation

267. For the aforementioned reasons, and taking into account all matters raised, we recommend that planning permission be granted for both the main application and the secondary consent application, subject to the conditions attached at Annex A.

Melissa Hall *Claire MacFarlane*

Inspector Inspector

APPENDIX A: SCHEDULE OF RECOMMENDED PLANNING CONDITIONS

1) The development shall begin not later than five years from the date of this decision

Reason: To conform with the requirements of Section 91 of the Town and Country Planning Act 1990.

2) Subject to the requirements of other conditions attached to this permission the proposal shall be carried out in accordance with the following plans:

- Drawing LH21.1 Site Location Plan
- Drawing LH21.003 Site Layout Plan
- Drawing LH21.2 Developable Area
- Drawing LH21.4 Typical Details – Sheet 1
- Drawing LH21.5 Typical Details – Sheet 2

Reason: To comply with paragraph 4.16 of Welsh Government Circular 016/2014 (Conditions).

3) Prior to their installation details of materials, colour, position, foundations, supporting structures, finished levels and elevations of the battery storage units, grid connection hub/s, telecommunication tower, CCTV, and transformer units shall be submitted to an approved in writing by the Local Planning Authority. The finished levels shall be in accord with the recommendations of the Flood Consequences Assessment v3, dated 22 March 2022. The storage units and equipment shall be finished in accordance with the approved details.

Reason: To reduce the risk of flooding to the development, protect visual amenity, the special and historic landscape character and to limit ground intrusion in the interests of archaeology, in accordance with policies SP4, SP5, SP7, SP8, SP9, GP5, GP6, CE4 and CE6 of the Newport Local Development Plan 2011-2026 (adopted January 2015).

4) The permission hereby granted shall expire 40 years from the date when electrical power is first exported ('first export date') from the solar farm to the electricity grid network, excluding electricity exported during initial testing and commissioning. Written confirmation of the first export date shall be provided to the Local Planning Authority no later than one calendar month after the event.

Reason: The proposed scheme has a 40 year lifespan and its temporary nature, in part, justifies its visual impact on the special and historic landscape character, in accordance with policies SP5, SP7, SP8, SP9, GP5, CE4 and CE6 of the Newport Local Development Plan 2011-2026 (adopted January 2015).

5) No development shall commence until a Construction and Environmental Management Plan has been submitted to and approved in writing by the Local Planning Authority. The Construction and Environmental Management Plan shall set out details of all on-site construction works; post-construction reinstatement; drainage; mitigation; and other restoration, together with details of their timetabling. It shall include details of, and measures to secure:

a) The phasing and construction works;

b) The formation and position of the temporary construction compounds;

c) Contractor and operational on-site vehicle parking;

d) Dust management and suppression;

e) Cleaning of site entrance, facilities for wheel washing and cleaning the adjacent public highway;

f) Pollution control, including the protection of water courses and ground water; subsoil surface water drainage; bunding and siting of fuel storage areas; sewage and foul water drainage and disposal; and emergency procedures and pollution response plans;

g) Temporary site illumination during the construction period, including specification and duration of security lighting required at site compounds;

h) the methods to be adopted to reduce the effects of noise occurring during the construction period to the lowest practicable levels and in accordance with BS 5228: Noise control on construction and open sites;

i) storage of materials and disposal of surplus materials;

j) access tracks and other areas of hardstanding, including areas of temporary road matting;

k) the carrying out of foundation works, including the foundation of the solar arrays and any other structures to be installed on the site;

l) method of working cable trenches, including soil storage and back-filling; and details of cable boring methodologies below reens / ditches / other water courses and below hedges;

m) general soil storage and handling;

n) post-construction restoration/reinstatement of the working areas, including all ridge and furrow topography, cable trenches and area covered by any matting or other areas where the soil has been disturbed or compressed;

o) the sheeting of all heavy goods vehicles construction materials to, or spoil from, the site to prevent spillage or deposit of any materials on the highway;

p) details of the vehicles to be used on the site during construction activities and measures to be taken to prevent vehicle damage during periods of soil saturation;

q) details of control of surface water to prevent siltation of the reen drainage network;

r) identification of buffer strips adjacent to water courses or retained vegetation features such as hedges or trees and sites where birds are nesting;

s) means to exclude small animals from excavations;

t) the re-instatement of headland drainage pipes, where necessary, prior to or during construction;

u) cable trenches to avoid intercepting any headland drainage pipes.

The works shall proceed in full accordance with the agreed construction method statement.

Reason: to protect the interests of the rural character of the area, the integrity and safety of the highway network and to protect the amenity of residents, ecological interests and to ensure the site is appropriately restored after construction, in accordance with policies SP9, GP2, GP4, GP5 and GP7 of the Newport Local Development Plan 2011-2026 (adopted January 2015).

6) No HGV shall access the site until details of a Traffic Management Plan (TMP) has been submitted to and approved in writing by the Local Planning Authority. The TMP shall include details of:

- Signage;
- The construction of all accesses into the site, the erection of any entrance gates and the creation and maintenance of associated visibility splays where relevant;
- Details of temporary traffic management measures, such as traffic lights;
- HGV routes and timings to avoid peak hour flows; and school drop off/pick up times;
- Means of preventing HGV traffic through the village of Marshfield.

The works shall proceed in full accordance with the agreed construction method statement.

Reason: To protect the integrity and safety of the highway network. In accordance with policy GP4 of the Newport Local Development Plan 2011-2026 (adopted January 2015).

7) No external lighting shall be installed on site.

Reason: To protect the rural character and biodiversity interests of the site, in accordance with policies SP5, SP9, GP2, GP5, GP7 and CE4 of the Newport Local Development Plan 2011-2026 (adopted January 2015).

8) No development shall commence until a Landscape and Environmental Management Plan (LEMP) has been submitted to and approved in writing by the Local Planning Authority. The LEMP shall set out details of the existing and proposed habitats, landscape and ecological features at the site. It will include details pertaining to the creation and management of these features and will include details relating to the following species and management plans:

a) Dormice (referring to the hedgerow and scrub management proposals for dormice within the site and in the Lapwing Compensation Area referred to in the Dormouse Mitigation Strategy);

b) Otters (referring to the principles set out in Otter Mitigation Strategy);

c) Water Voles (referring to the principle set out in the Water Vole Mitigation Strategy);

d) Lapwing Compensation Area;

e) Management of reens and ditch habitats including scrub management along the banks;

f) Management of buffer zones along the reens and ditches which shall include details of the implementation and maintenance of adequate buffers either side of watercourses (reens 15m and field ditches 7m);

g) Shrill Carder Bee management plan, covering wildflower grassland and habitat connectivity across the site;

h) Cattle watering features;

i) Management of species-rich grassland and grassland in fields with solar panels;

j) The species to be used to plant up gaps in hedgerows and a specification of planting stock;

k) Hedgerow removal proposals covering the following scope:
    i. Precise location of hedges to be removed
    ii. Removal methodology
    iii. Timing of removal
    iv. Mechanism to prevent disturbance to nesting birds and other fauna.

l) Water quality monitoring plan & contingency plan:
    i. The Plan shall establish a pre-development one-year baseline and identify how monitoring shall proceed including a reporting schedule to the Council and the duration of the monitoring regime;
    ii. All monitoring reports shall have regard to the baseline assessment. In the event that significant reductions in water quality are identified through monitoring then the applicant or any successor in title shall provide a contingency plan to address the issue to the Council in writing. Any approved contingency plan and / or modified monitoring plan shall be implemented as agreed thereafter.

m) Biosecurity Risk Assessment and Management Plan to include measures to control, remove or manage Water fern, Japanese knotweed, Himalayan balsam both during construction and operation.

The information to include scaled maps and plans to show the feature's position; condition to achieve; planting specifications and schedules (where these will apply).

The LEMP shall include details of short and long-term management and monitoring of the site's ecological features to ensure that the plan(s) is effective in achieving its intended objectives which will be clearly stated in respect of each habitat/species as appropriate. It shall include details of potential contingency measures which shall be taken in the event that the monitoring identifies a failure to achieve the stated objectives. In this regard, the LEMP shall confirm details pertaining to:

a) Details of the scheduling and timings of activities;
b) Wildlife licensing requirements;
c) Details of the measures that will be undertaken should any landscape or environmental features die, be removed, or become seriously damaged or diseased;
d) Details of the remedial action that will be undertaken, in agreement with the LPA, in the event that long-term monitoring of the landscape, environmental and ecological features of the site reveals that these are declining against the established condition beyond year 5 of the development;
e) Details of management and maintenance responsibilities;
f) Details of timescales, length of the plan, provision for periodic reporting the effectiveness of the plan to the LPA, the method to review and update plans (informed by monitoring).

The LEMP must be carried out in accordance with the approved details set out in the document or any other iterations approved by the LPA in the event that the proposed monitoring data suggests that specific changes are required.

Reason: To ensure that the agreed ecological and environmental mitigation, compensation and enhancement is implemented and managed long-term, including for European Protected Species, Gwent Levels: St. Brides SSSI and Section 7

habitats and species, and in the interests of the special landscape character, in accordance with policies SP5, SP7, SP8, SP9 and GP5 of the Newport Local Development Plan 2011-2026 (adopted January 2015).

9) No trees shall be removed other than identified in the Arboricultural Impact Assessment (Savills, March 2020) and approved Landscape and Ecological Management Plan, unless subsequent surveying reveals a change in on-site conditions, in which case, the survey shall be submitted to and approved in writing by the Local Planning Authority prior to the felling of any additional trees. No tree shall be removed until it has been confirmed it does not contain nesting birds or a bat roost.

Reason: To protect the ecological interests, protected species and the landscape character of the area. In accordance with policies SP5, SP7, SP8, SP9 and GP5 of the Newport Local Development Plan 2011-2026 (adopted January 2015).

10) No development, to include demolition, shall take place until the implementation of a programme of archaeological work has been secured in accordance with a written scheme of investigation which has been submitted by the applicant and approved in writing by the Local Planning Authority. Thereafter, the programme of work will be fully carried out in accordance with the requirements and standards of the written scheme.

Reasons: To identify and record any features of archaeological interest discovered during the works, in order to mitigate the impact of the works on the archaeological resource within an Archaeologically Sensitive Area, in accordance with policies SP9 and CE6 of the Newport Local Development Plan 2011-2026 (adopted January 2015).

11) No development shall commence until a road condition survey has been submitted to and approved in writing by the Local Planning Authority. The survey shall identify any locations where the highway may be substandard; and jointly with the Council's City Services set out a timetable for monitoring and/or repairs. The monitoring and/or repairs shall be carried out in accordance with the approved timetable.

Reason: To protect the integrity and safety of the highway network, in accordance with policy GP4 of the Newport Local Development Plan 2011-2026 (adopted January 2015).

12) No tracks or reen crossings shall be constructed on the site until details of their locations and construction methods have been provided in writing to the Local Planning Authority. Following the Local Planning Authority's written agreement any tracks shall be constructed fully in accordance with the agreed details.

Reason: To ensure any tracks and reen crossings are constructed in a fully reversible way and to protect the ecological interests, protected species and the landscape character of the area, in accordance with policies SP5, SP7, SP8, SP9 and GP5 of the Newport Local Development Plan 2011-2026 (adopted January 2015).

13) No later than 12 months before the expiry of this permission, a decommissioning and site restoration scheme shall be submitted for the written approval of the Local Planning Authority. The scheme shall make provision for the removal of the solar panels and all other associated equipment and paraphernalia and the subsequent restoration of the site. The scheme shall include details of:

- The extent of equipment and foundation removal and the site restoration to be carried out;
- The management and timing of any works;
- A traffic management plan to address likely traffic impact issues during the decommissioning period;

- An environmental management plan to include details of measures to be taken during the decommissioning period to protect wildlife, habitats and tree features on the site;
- Identification of access routes;
- Location of material laydown areas;
- Full details of the removal of the solar arrays, associated buildings and plant, any trackways and sub-surface cabling and all associated works of ground restoration including trench backfilling;
- Full details of all woks to restore the land to allow for agricultural production following the removal of structures from the site;
- A programme of implementation.

The approved scheme will reference a baseline topographical survey to be completed prior to construction. The decommissioning shall be implemented within 6 months of the expiry of the permission and then proceed fully in accordance with the agreed details in accordance with the decommissioning programme.

Reason: To ensure the site is fully restored and to maintain the rural appearance of the area, in accordance with policies SP5, SP7, SP8, SP9 and GP5 of the Newport Local Development Plan 2011-2026 (adopted January 2015).

14) If the solar farm hereby permitted fails to produce electricity for supply to the grid for a continuous period of 6 months, a scheme shall be submitted to the Local Planning Authority for its written approval within 3 months of the end of that 6 month period for the repair or removal of the solar farm.

Where repairs or replacements of more than 1800 panels in a 90 day period are to be undertaken, the scheme shall include a proposed programme of remedial or replacement works to be agreed in writing with the LPA. Where removal of the solar farm is required the scheme shall include the same details required under the decommissioning condition of this permission. The relevant scheme shall thereafter be implemented in accordance with the approved details and timetable.

Reason: To ensure that the replacement of components is appropriately controlled and to ensure the solar farm beneficially generates electricity or is otherwise removed to the benefit of the character and appearance of the area, in accordance with policies SP5, SP7, SP8, SP9 and GP5 of the Newport Local Development Plan 2011-2026 (adopted January 2015).

15) No development shall commence until a surface water management scheme has been submitted to and approved in writing by the Local Planning Authority. Surface water drainage shall be disposed of in accordance with the approved details.

Reason: To prevent increased surface water run-off and the potential for localised flooding, in accordance with SP3 of the Newport Local Development Plan 2011-2026 (adopted January 2015).

APPENDIX B: APPROPRIATE ASSESSMENT

Preliminary Matters

1. The purpose of this Annex is to report on the impacts of the scheme on the Severn Estuary Special Protection Area (SPA) and the Severn Estuary Special Area of Conservation (SAC). It takes the form of an Appropriate Assessment (AA) for consideration by the Welsh Ministers in their role as the competent authority and has been prepared in accordance with the requirements of Regulation 63 of the Conservation of Habitats and Species Regulations 2017, as amended. In light of the requirements of Regulation 63(3) in carrying out our assessment we have had regard to the comments of Natural Resources Wales (NRW) in its letter dated 16 September 2022 and its specific advice set out in a letter of 22 December 2022.

2. The application was accompanied by a shadow Habitats Regulations Assessment (sHRA) dated March 2022 and referenced 0475-sHRA-KW.

3. The sHRA does not explicitly refer to the jointly agreed conservation objectives for the cross-border Severn Estuary European Marine Site (EMS). The objectives are fully set out in section 4 of the Severn Estuary SAC, SPA and Ramsar Site: Regulation 33 Advice from CCW and Natural England, June 2009 document. As NRW confirms, this omission of the full objectives does not have implications on the applicant's assessment or findings. Our assessment has had regard to the conservation objectives as set out in the Severn Estuary / Môr Hafren EMS, which sets out the conservation objectives in greater detail and with specific reference to conditions that are not included in the sHRA.

Background

4. The site lies in proximity to 2 sites that form part of the National Sites Network – the Severn Estuary SPA and the Severn Estuary SAC. The sHRA describes both as lying within 500m of the site, although it is evident from the submitted drawings (ES Appendix 11.1.1 and sHRA Appendix 1) that the SAC is some 2km distant. The designated sites are connected to the site by the reen network that drains from the site into the sea.

Likely Significant Effect

5. The drainage network that connects the site to the protected areas gives rise to the potential for siltation/pollution to reach both these areas during construction and decommissioning which also gives rise to the potential effect on the European eel in the freshwater habitat. There is potential for water pollution due to soil particles from run-off and dust contamination to arise from the proposed development and, to a lesser degree, from the proposed habitat management works on the ecological compensation land. A change in land management has the potential to affect qualifying features of the Severn Estuary SPA. The final potential effect that has been examined is the possible change in species distribution found to be functionally linked to the SPA. These effects arise from the project alone and in-combination with other projects.

6. The sHRA assesses the risk of significant effect to the SPA as low in terms of silt and dust contaminants entering the air and reen system and indirectly into the estuary during construction. It also identifies a risk from a change in land management from the present sheep and cattle grazing to future mowing and/or sheep grazing which could result in the loss of foraging areas for some qualifying species at high tide. Disturbance during construction work and a reduction in winter foraging has the potential to change SPA species distributions.

7. In relation to the SAC a risk of significant effect is identified in relation to the impacts of development, where there is a low risk of silt, dust or chemical pollution contaminants entering the air and reen system and indirectly into the estuary during construction and decommissioning only. This may affect European eel while in freshwater habitats of reens and ditches within the application site, as well as qualifying habitats within the estuary. Other risks identified are of water pollution with a potential for minor silt or fuel pollution or herbicides via the reen network feeding into estuary impacting SAC qualifying features including European eel.

8. NRW agrees with the sHRA's screening test of likely significant effects as set out above. It also considers that there is a risk (in-combination) from the change in land management and loss of habitat (of potentially supporting land to the SPA) with other relevant projects.

9. The sHRA identifies the potential that the SPA's assemblage feature could be impacted solely on the presence of >1% of the assemblage's feature being represented by lapwing. In terms of potential cumulative impact, the sHRA provides a Cumulative Assessment. In particular, under the assessment of in-combination effects with Rush Wall Solar Farm, this advises that 3.86% of lapwing population (as part of the assemblage) could be affected and this could indicate that the land is functionally linked to the SPA for this species.

10. The overall conclusion of the sHRA states that one possible likely significant effect arising from the proposal is the loss of habitat to numbers of wintering lapwing (as part of the assemblage). We concur with the advice of NRW that the precautionary principle should therefore be applied, and an adverse effect presumed. We will therefore take these considerations forward to Appropriate Assessment. In doing so, and as advised by NRW we have had regard to the jointly agreed conservation objectives for the cross-border Severn Estuary European Marine Site. The objectives are fully set out in section 4 of the Severn Estuary SAC, SPA and Ramsar Site: Regulation 33 Advice from CCW and Natural England, June 2009 document.

Appropriate Assessment

11. Taking into account all of the identified likely significant effects together with the proposed mitigation measures, including the design of the proposed layout and the planning conditions that have been recommended, we find that the scheme would cause no adverse effect on any internationally protected sites. These mitigation measures include the provision of buffer zones to watercourses, the implementation of a water quality monitoring programme, a Construction and Environmental Management Plan, a Landscape Environment Management Plan and a decommissioning and restoration scheme. Such measures would extend, as necessary, to control works within the ecological compensation land as well as the development site. Any potential adverse effects in relation to the loss of habitat on the numbers of wintering lapwing can be acceptably mitigated by the implementation and management of the proposed Lapwing Compensation Land. The above findings align with the advice of NRW.

12. Concerns have been raised by some interested parties regarding the efficacy and implementation of the suggested conditions to secure the mitigation and compensation measures. However, we are satisfied that the outstanding matters to be agreed prior to the discharge of certain conditions are ones of detail that would be considered within a framework which has been sufficiently established to demonstrate that conditions would be capable of safeguarding ecological interests. In discharging such conditions the Council would be advised by its own ecologist and NRW and any other specialist bodies that may be appropriate.

13. We therefore consider that the suite of measures proposed to mitigate any harmful effect on the SAC and SPA can be relied upon to be effective. The Council would be in a position to secure the additional information it seeks, to ensure that harmful effects are avoided. It is reasonable to assume that the conditions' requirements will be complied with and monitored effectively, particularly given the potentially serious environmental consequences of not doing so in these circumstances.

14. We have taken into account all the available evidence, including the concerns raised by those who oppose the scheme, and have adopted the precautionary principle in carrying out our assessment. We conclude that it is beyond reasonable scientific doubt that the scheme, either alone or in combination with other projects, would not have an adverse effect on the integrity of the 2 sites that form part of the National Sites Network, namely the Severn Estuary SPA and the Severn Estuary SAC. This conclusion is predicated on securing the identified mitigation measures through the imposition of the recommended planning conditions.

Recommendation

15. For the reasons given above, and having had regard to all other matters raised, we recommend that this report be accepted as an Appropriate Assessment which complies with the requirements of Regulation 63 of the Conservation of Habitats and Species Regulations 2017, as amended.

Melissa Hall *Claire MacFarlane*

Inspector Inspector

APPENDIX C: DOCUMENTS PROVIDED AFTER SUBMISSION

A1 Unsigned Statement of Common Ground with NRW (Draft V1)

a) Appendix 1.1 Inspector's Report (DNS/3216558)
b) Appendix 1.2 Letter from NRW
c) Appendix 1.3 Letter from NRW
d) Appendix 1.4 Email correspondence between applicant and NRW
e) Appendix 1.5 Planning conditions (DNS/3216558)
f) Appendix 1.6 Email correspondence between applicant and NRW

IP1 NRW response regarding survey lifetime

The Planning Inspectorate

Appeal Decision

Hearing and site visit held on 11 July 2023

by Susan Heywood BSc(Hons) MCD MRTPI

an Inspector appointed by the Secretary of State for Communities and Local Government

Decision date: 07 August 2023

Appeal Ref: APP/Y2003/W/23/3317097
Winterton Solar Farm, Carr Lane, Winterton, South Ferriby DN15 9QX

- The appeal is made under section 78 of the Town and Country Planning Act 1990 as amended against a refusal to grant planning permission.
- The appeal is made by Anesco Limited against the decision of North Lincolnshire Council.
- The application Ref PA/2021/1359, dated 22 July 2021, was refused by notice dated 3 November 2022.
- The development proposed is the construction of a 10MW solar farm with associated access, landscaping and infrastructure.

Decision

1. The appeal is allowed and planning permission is granted for the construction of a 10MW solar farm with associated access, landscaping and infrastructure at Winterton Solar Farm, Carr Lane, Winterton, South Ferriby DN15 9QX in accordance with the terms of the application, Ref PA/2021/1359, dated 22 July 2021, and the plans submitted with it, subject to the conditions set out in the attached annex.

Main Issues

2. The main issues in this case are as follows:

    - The impact of the development on the landscape character and appearance of the surrounding countryside;
    - Whether the proposal would conflict with local landscape and biodiversity priorities;
    - Whether any benefits of the development would outweigh any identified harm.

Reasons

Landscape character and appearance of the countryside

3. The appeal site, currently in agricultural use, is located in the open countryside to the east of Winterton and to the south of the Humber Estuary.

4. The site lies within the Vale of Ancholme Landscape Character Area (LCA) and Landscape Character Type (LCT) Flat Valley Bottom Farmland. The parties agree that the Landscape and Visual Impact Assessment (LVIA) submitted with the application correctly describes the character of the surrounding landscape

as relatively flat agricultural land, interspersed with farm buildings, hedgerows, hedgerow ditches and distinctive woodland blocks. The Lincolnshire Wolds escarpment is located some distance to the east of the site.

5. Hedgerows are located along the western and eastern site boundaries, whilst the northern site boundary comprises an open ditch to Carr Lane. A public right of way (PROW), known as WINT25, runs along Carr Lane to the north of the site. To the east of the site, the PROW turns northwards to continue along Ings Lane.

6. There are several large and noticeable infrastructure / industrial features in the surrounding landscape which detract from the rural qualities of the area. These include the cement works close to the Humber Estuary, two parallel lines of large pylons to the north of the site, running approximately east to west, telegraph poles to the south and east of the site and a number of wind turbines.

7. The Council accepts that the proposal would not cause significant harm to the Vale of Ancholme LCA or the LCT as a whole. However, it considers that the proposal would cause localised harm to the character of the LCA and LCT, particularly when viewed from the section of Carr Lane adjacent to the northern boundary of the site (viewpoint 7 in the LVIA) and from Ings Lane (viewpoint 6). The Council also considers that the proposal would be harmful to the character of the landscape when seen in views from the Lincolnshire Wolds escarpment (viewpoint 14).

8. Apart from the area immediately to the north of the site, the existing mature hedgerows, hedgerow trees and woodland copses largely screen views of the site from the surrounding area. Together with the lack of elevated views gained from the near surroundings, the Council agrees that the receptors who would be affected by the development would be limited.

9. From viewpoint 7 to the north, users of the adjacent footpath currently gain open, expansive views into the site. The proposed development would alter and obstruct these views. In the early years, before the planting along the northern boundary matures, the rear faces of the panels and fencing close to the northern boundary would be visible. Two sub-stations and associated hardstanding would also be visible towards the north western corner of the site. These would be raised above the surrounding ground level to overcome any potential flooding problems, thus increasing their overall height and visibility.

10. These features would alter and enclose the existing open agricultural views of the site from Carr Lane and, as such, they would cause some limited harm to the character of the landscape in the immediate vicinity of the site.

11. However, the extent of view in which the character of the site can be seen is short due to the existing screening provided by mature hedgerows on the western and eastern site boundaries, those along the southern edge of Carr Lane, and along the western boundary of Ings Lane. Whilst there would be less screening during winter months, the proposed arrays and ancillary structures would nevertheless be substantially screened from the remainder of Carr Lane to the west and from Ings Lane to the north east.

12. Travelling north along Ings Lane, there are few vantage points from which the site would be visible. From viewpoint 6, some distance north along the PROW, intervening hedgerows and trees and the distance between the site and the viewer would result in the proposed development causing very limited harm to the surrounding landscape.

13. Furthermore, from the location of viewpoints 7 and 6, the existence of other detracting infrastructure / industrial features in the landscape would mean that the solar arrays would not be uncharacteristic features in the context of their surroundings. This would further reduce the perception of harm to the surrounding landscape as large infrastructure features are not uncommon in the area.

14. The Lincolnshire Wolds escarpment some distance to the east of the site (viewpoint 14) is one of the few elevated points from which the proposed development would be visible, and is the only elevated view the Council expressed concerns about. From here, the view is of a large, predominantly agricultural landscape, but one in which the large infrastructure / industrial features noted above become even more noticeable and characteristic. The distance at which the development would be viewed from this viewpoint, the relatively modest size of the site and the presence of these other, non-rural, features would lead to the development causing negligible harm to the character of the landscape in this view.

15. The LVIA also identifies some negligible / minor adverse visual harm from viewpoint 6. Moderate adverse visual harm is identified from viewpoint 7 after 15 years, although the impact is greater in the early years before the proposed planting matures.

16. It is inevitable that a solar farm, even at a modest scale such as that proposed in this appeal, will cause some adverse impact on landscape character and visual impact in a countryside location. However, due to the lack of elevated views towards the site, except from a distance, the existence of other infrastructure features in the landscape, existing screening and proposed landscape mitigation, overall the harm caused would be limited and very localised.

17. Policy CS2 of the North Lincolnshire Core Strategy (CS) 2011, seeks to ensure locally distinctive and sustainable communities[1]. The limited and localised harm to landscape character and appearance would not adversely affect the character of the wider countryside in this location and would not be sufficient to result in conflict with this policy. The proposal would, however, conflict with North Lincolnshire Local Plan (LP) (2003) policies DS1, LC7 and RD2, which all seek to protect the character of the countryside. It would also conflict with Policy D of the Planning for Solar Photovoltaic Development Supplementary Planning Document (2016) (the PV SPD) which also seeks to avoid adverse impact on landscape and visual amenity. I will deal with the weight to be given to these conflicts in the overall balance below. It would not conflict with Policy 2 of the Planning for Renewable Energy SPD (2011) (the renewable energy SPD) given the wording of that policy and its focus on protecting areas of high landscape value.

[1] The Council also referred to policy CS5, first bullet point, which relates to the creation of high quality townscapes and streetscapes. The Council conceded that, as this is a rural area, this section of the policy would not apply to the proposed development.

18. The emerging North Lincolnshire Local Plan identifies the site as being included in the evaluation area for a proposed extension to the Lincolnshire Wolds Area of Outstanding Natural Beauty (AONB). Policy DQE1 states that priority will be given to the protection and enhancement of the landscape character, natural beauty and setting of the proposed extension to the AONB. The examination into the Local Plan is at an early stage and I understand that there were representations made to this policy at consultation stages of the Plan. Accordingly, the Council accepts that limited weight can be given to the policy at this stage, and I agree.

19. Paragraph 174 of the National Planning Policy Framework (the Framework) recognises the intrinsic character and beauty of the countryside but does not seek to protect it for its own sake. Instead, its focus is on protecting areas of valued landscape which, in terms of the Framework, this is not. Accordingly, the proposal would not conflict with paragraph 174 of the Framework.

20. Bringing together the above, I conclude on this matter that the proposal would cause limited and very localised harm to the landscape character and appearance of the surrounding countryside.

Landscape and biodiversity priorities

21. The North Lincolnshire Landscape Character Assessment and Guidelines 1999 Supplementary Planning Guidance (SPG5) sets out a landscape strategy and guidelines for the Flat Valley Bottom Farmland LCT of the Vale of Ancholme. The guidelines encourage the creation of "opportunities for wet grazing washlands and new salt and freshwater habitats in response to rising sea levels between Brigg and the Humber". The updated Landscape Character Assessment (not an adopted SPG) includes a similar guideline.

22. The Council's concerns centre on the fact that the development would not introduce new areas of wetlands. Instead, the proposed landscaping scheme includes tussock mixture grassland, mixed native hedgerow planting and the management and improvement of existing hedgerows and ditches.

23. Opportunities for wetland creation on the appeal site appear to be limited. The Council's more recent Biodiversity Opportunity Mapping, produced for the emerging Local Plan, does not identify land on or surrounding the site as having opportunities for wetland creation. Whilst I note that there are wider strategies such as Humber 2100+ being developed, these are in their early stages and there are no specific proposals for the area which includes the appeal site. Neither is there any evidence which suggests that the proposed development would prejudice any future biodiversity improvements in the surrounding area.

24. The proposed tussocky grassland would result in a significant net gain in biodiversity over the existing agricultural use and the Council agrees that the proposed grassland mix is a reasonable choice for the site. Whilst there is a dispute regarding the net percentage change in terms of the Biodiversity Metric, even the Council's lower estimate of 62.89% net gain in habitat units would represent a significant biodiversity improvement. In addition, the net gain in hedgerow units is agreed to be over 61%. The proposal would therefore comply with paragraph 174 (d) of the Framework to provide net gains for biodiversity.

25. The Council expressed concerns regarding the proposed management of the grassland, which it considers should be cut more frequently than the proposed 2-3 year intervals. The appellants indicated that this is the recommended management regime for that seed mix, however, they would be amenable to more frequent cutting. This could be controlled by a condition requiring the parties to agree a management and monitoring scheme, to ensure appropriate cutting and monitoring to reduce the opportunities for any single species to become dominant.

26. The priorities set out in the adopted SPG5 are a series of landscape guidelines which seek to achieve the overall landscape strategy for the specific character area. The SPG does not set out requirements for developments to achieve each of the guidelines. In addition to the creation of waterside habitats and ditch re-modelling, the strategy states *"Hedgerows where present require effective management and repair"*. The guidelines include *"management and replacement …..to develop the presence of hedgerows in the scenery, maintaining and infilling remnants."* As set out above, the proposal would include the planting, management and replacement of hedgerows on the site boundaries. Thus, whilst the development would not achieve the wetland creation guideline, it would achieve that related to hedgerow management and re-creation. Accordingly, I conclude that the proposed development would not conflict with SPG5.

27. The development would comply with CS policy CS5, bullet point 10, which seeks to ensure developments incorporate landscaping and planting to enhance biodiversity, and with policy CS17, which seeks to ensure development retains, protects and enhances features of biological interests and produces a net gain in biodiversity. It would not conflict with the biodiversity requirements of Policy G of the PV SPD, nor those in Policy 1 of the renewable energy SPD.

28. Furthermore, the proposal would comply with paragraph 174(d) of the Framework in terms of providing net gains for biodiversity and would not conflict with the biodiversity principles set out in paragraph 180.

29. I conclude on this matter that the proposal would not conflict with local landscape and biodiversity priorities.

Benefits and overall balance

30. CS policy CS18 (11) sets out support, where possible, for renewable sources of energy in appropriate locations. LP policy DS21 supports proposals for renewable energy where any detrimental effect on local character (amongst other things) is outweighed by environmental benefits.

31. The Council acknowledges the benefits of renewable energy and the support in paragraph 158 of the Framework "if impacts are (or can be made) acceptable". Paragraph 152 also supports the transition to a low carbon future in a changing climate. Other Government legislation and policy supports the transition to low carbon energy production.

32. The development would have a capacity of 9.71MW, which would result in a reduction of around 2,506 tonnes of CO_2 emissions annually. It would produce enough clean, renewable energy to power approximately 2,832 homes. Whilst this would only make a small contribution to the Government's overall targets, given the imperative of achieving the statutory Net Zero target by 2050, there

is no dispute between the parties that even this relatively small contribution attracts substantial weight in favour of the development.

33. Other benefits of the scheme would include the landscape and ecological enhancement discussed earlier, the economic benefits during construction, the benefits of farm diversification and the improvement in agricultural land quality over the lifetime of the development. The appellants noted the proposed improvement to Carr Lane as a benefit of the scheme, however, use of this lane by vehicles appears to be extremely limited. I therefore only attach very limited weight to this aspect of the proposal.

34. Even without these other benefits, the substantial weight I give to the renewable energy benefits would outweigh the limited and very localised harm caused to landscape character and appearance of the area.

35. Whilst I have identified conflict with LP policies DS1, LC7, RD2 and with Policy D of the PV SPD, it would comply with CS policy CS18 and LP policy DS21 and policies and guidance relating to landscape and biodiversity priorities. I conclude that the substantial benefits in favour of renewable energy, taken together with the other benefits identified, would outweigh the limited and very localised harm caused to the landscape character and appearance of the countryside. The proposal would not therefore conflict with the development plan or national policy when taken as a whole. Accordingly, the appeal is allowed.

Conditions

36. A list of conditions, including 6 pre-commencement conditions, were agreed between the parties. I have reworded some of the conditions where necessary, although the wording of the pre-commencement conditions remains as agreed.

37. Conditions are necessary to confirm the proposed 40 year temporary period of the permission and to provide for removal of the solar farm and site restoration on expiry of this period. In the interests of certainty, a condition listing the approved plans is necessary. For flood mitigation and water management purposes, conditions are required to ensure compliance with the submitted flood risk assessment and to ensure suitable surface water drainage.

38. Due to the potential for archaeological remains on the site, a condition requiring archaeological survey and mitigation works is necessary. Conditions are necessary to secure the biodiversity enhancements and to ensure appropriate management and maintenance to be agreed. In the interests of highway safety a condition requiring a construction phase traffic management plan is necessary. In order to protect living conditions and the environment, conditions requiring an environmental management plan and construction hours are necessary.

39. There is no evidence that the site may have been contaminated by previous uses and as such, I do not consider it necessary or reasonable to impose a contaminated land condition. Should any contamination be discovered, this would be covered by other legislation.

Susan Heywood

Inspector

Conditions Annex

1) The development hereby permitted shall begin not later than 3 years from the date of this decision.

2) The development hereby approved shall be temporary for a period of 40 years from the date of the first exportation of electricity from the site. The applicant or their successor in title shall notify the local planning authority of the date of the first exportation of electricity from the site.

3) Within a period of 39 years and 6 months following the first export date, a scheme for the decommissioning of the solar farm and its ancillary equipment, and how the land is to be restored, to include a programme for the completion of the decommissioning and restoration works, shall be submitted to and agreed in writing by the local planning authority. The scheme shall make provision for the removal of the solar panels and associated above ground works approved under this permission. The scheme shall also include the management and timing of any works and a traffic management plan to address likely traffic impact issues during the decommissioning period; an environmental management plan, to include details of measures to be taken during the decommissioning period to protect wildlife and habitats; and details of site restoration measures. The scheme shall be carried out in accordance with the agreed details and programme.

4) The development hereby permitted shall be carried out in accordance with the approved plans listed in the following schedule:

Plan/Document	Date	Reference
Site Location Plan	July 2021	C0002447_04 Rev C
Block Plan	July 2021	C0002447_05 Rev C
Site Layout Plan	July 2021	C0002447_02 Rev E
Single Line Diagram	July 2021	C0002447_03 Rev C
Typical Cable Ladder Detail	July 2021	C0002447_08 Rev B
Typical Fence Detail	July 2021	C0002447_09 Rev B
LV Substation Elevations	December 2021	C0002447_10 Rev B
Section and Elevation of Raised Array	October 2021	C0002447_11 Rev A
DNO and Customer Substation Elevations	December 2021	C0002447_06 Rev D
Fig 9a Illustrative Landscape Masterplan	March 2022	P21-0851_09A
Fig 11 Landscape Management Plan	March 2022	P21-0851_11B

5) The development shall be carried out in accordance with the submitted flood risk assessment (December 2021/Flood Risk Assessment Technical Addendum/SLR Consulting Ltd). In particular, any critical equipment required to remain operational or undamaged in case of flooding shall be situated at a minimum of 3.257m AOD to ensure that any disruption caused by flooding is kept to a minimum.

6) A) No development shall take place until a detailed surface water drainage scheme for the site has been submitted to and approved in

writing by the local planning authority. The scheme shall be based on sustainable drainage (SuDS) principles and an assessment of the hydrological and hydro-geological context of the development. This must be based upon the submitted Drainage Strategy, prepared for: Anesco LTD, SLR Ref: 410.05075.00105 Version No: 01 July 2021. The detailed design must incorporate appropriate measures to mitigate against erosion/increased run-off below the solar arrays and provision of cut-off drainage on the appropriate boundaries.

B) The drainage scheme shall demonstrate that surface water run-off generated up to and including the 1 in 100 year critical storm (including an allowance for climate change which should be based on the current national guidance) will not exceed the run-off from the existing site. It shall also include details of how the resulting completed scheme is to be maintained and managed for the lifetime of the development so that flood risk, both on and off the site, is not increased. SuDS must be considered. Reference should be made to North Lincolnshire Council's SuDS and Flood Risk Guidance Document. Should infiltration not be feasible at the site, alternative sustainable drainage should be used, focusing on above-ground solutions.

C) The drainage scheme shall be implemented in accordance with the approved submitted details, completed prior to the occupation of the site, and thereafter retained and maintained in accordance with the scheme for the life of the development.

7) No development shall take place until details showing an effective method of preventing surface water run-off from hard paved areas within the site onto the highway have been approved in writing by the local planning authority. These facilities shall be implemented prior to the access and parking facilities being brought into use and thereafter so retained.

8) A) No development shall take place until the applicant, or their agents or successors in title, has secured the implementation of an archaeological mitigation strategy, to be defined in a written scheme of investigation that has been submitted to and approved in writing by the local planning authority. The strategy shall accord with a brief provided by North Lincolnshire Historic Environment Record and shall include details of the following:

(i) measures to ensure the preservation by record of archaeological features of identified importance within the footprint of the development

(ii) methodologies for the recording and recovery of archaeological remains, including artefacts and ecofacts

(iii) post-fieldwork methodologies for assessment and analyses

(iv) report content and arrangements for dissemination, and publication proposals

(v) archive preparation and deposition with recognised repositories such as North Lincolnshire Museum and the Archaeology Data Service digital archive

(vi) a timetable of works in relation to the proposed development, including sufficient notification and allowance of time to ensure that the site work is undertaken and completed in accordance with the strategy

(vii) monitoring arrangements, including the notification in writing to the North Lincolnshire Historic Environment Record of the commencement of archaeological works and the opportunity to monitor such works

(viii) a list of all staff involved in the implementation of the strategy, including subcontractors and specialists, their responsibilities and qualifications.

B) The applicant shall notify the local planning authority in writing of the intention to commence the archaeological site works at least seven days before commencement. Thereafter, the archaeological mitigation strategy shall be carried out in accordance with the approved details and timings. No variation shall take place without the prior written consent of the local planning authority.

C) The development shall not be operational until the site investigation and post investigation assessment has been completed in accordance with the programme set out in the approved written scheme of investigation, and provision made for analysis, publication and dissemination of results and archive deposition has been secured.

D) A copy of any analysis, reporting, publication or archiving required as part of the mitigation strategy shall be deposited at the North Lincolnshire Historic Environment Record within six months of commencement of the archaeological programme of work or such other period as may be agreed in writing by the local planning authority.

9) Works and biodiversity enhancements shall be carried out strictly in accordance with section 6.1.1 of the submitted Ecological Impact Assessment dated July 2021. Prior to the operation of the photovoltaic panels, the applicant or their successor in title shall submit a report to the local planning authority providing evidence of compliance with the Ecological Impact Assessment.

10) Within three months of the commencement of development, a biodiversity management plan shall be submitted to the local planning authority for approval in writing. The plan shall include:

(i) prescriptions for the maintenance, planting and aftercare of native hedgerows of high biodiversity value;

(ii) prescriptions for the creation and management of species-rich grassland, including:

(a) soil survey results;

(b) details of UK origin wildflower and grass mixes to be used, comprising perennial neutral grassland species naturally occurring in North Lincolnshire plant communities;

(c) prescriptions for the ongoing management of grassland to maintain and enhance species diversity;

(d) monitoring proposals and remedial measures that may be triggered by monitoring;

(iii) prescriptions for the management of ditches and drains;

(iv) details of how the measures proposed will provide at least 10% biodiversity net gain in accordance with the Defra biodiversity metric 3.0;

(v) proposed timings for the above works in relation to the completion of the solar farm.

11) The biodiversity management plan shall be carried out in accordance with the approved details and timings, and the approved features shall be retained thereafter, unless otherwise approved in writing by the local planning authority. In the third year of operation of the solar farm, a report shall be submitted to the local planning authority, providing evidence of compliance with the biodiversity management plan.

12) No development shall take place until a construction phase traffic management plan showing details of:

(i) a pre/post construction condition survey of the carriageway to identify any defects and how they will be rectified;

(ii) all associated traffic movements, including delivery vehicles and staff/construction movements;

(iii) any abnormal load movements;

(iv) contractor parking and welfare facilities;

(v) storage of materials; and

(vi) traffic management requirements, including the means of controlling the deposition of mud onto the adjacent highway, along with appropriate methods of cleaning the highway, as may be required;

has been submitted to and approved in writing by the local planning authority. Once approved the plan shall be implemented, reviewed and updated as necessary.

13) No stage of the development hereby permitted shall commence until a construction environmental management plan (CEMP) has been submitted to and approved in writing by the local planning authority. The CEMP shall include the following:

Noise and vibration: The CEMP shall set out the particulars of—

(a) the works, and the method by which they are to be carried out;

(b) the noise and vibration attenuation measures to be taken to minimise noise and vibration resulting from the works, including any noise limits; and

(c) a scheme for monitoring the noise and vibration during the works to ensure compliance with the noise limits and the effectiveness of the attenuation measures.

Light: The CEMP shall set out the particulars of—

(a) specified locations for contractors' compounds and materials storage areas;

(b) areas where lighting will be required for health and safety purposes;

(c) the location of potential temporary floodlights;

(d) the identification of sensitive receptors likely to be impacted upon by light nuisance;

(e) proposed methods of mitigation against potential light nuisance, including potential glare and light spill, on sensitive receptors.

Dust: The CEMP shall set out the particulars of—

(a) site dust monitoring, recording and complaint investigation procedures;

(b) the identification of receptors and the related risk of dust impact at all phases of the development;

(c) the provision of water to the site;

(d) dust mitigation techniques at all stages of development;

(e) the prevention of dust trackout;

(f) communication with residents and other receptors;

(g) a commitment to cease the relevant operation if dust emissions are identified either by regular site monitoring or by the local authority;

(h) a 'no burning of waste' policy.

14) Construction and site clearance operations shall be limited to the following days and hours:

- 8am to 6pm Monday to Friday

- 8am to 1pm on Saturdays.

No construction, demolition or site clearance operations shall take place on Sundays or public/bank holidays.

HGV movements shall not be permitted outside these hours during the construction phase without prior written approval from the local planning authority.

Installation of equipment on site shall not be permitted outside these hours without prior written approval from the local planning authority.

APPEARANCES

FOR THE APPELLANT:

Peter Atkin	Pegasus Planning Director
Catherine Ellinsfield	Pegasus Landscape Architect
Gary Oliver	SLR Ecologist
Philip Maw	Landowner

FOR THE LOCAL PLANNING AUTHORITY:

Rebecca Leggott	North Lincolnshire Council Development Management Lead
Andrew Taylor	North Lincolnshire Council Natural Environment Policy Specialist

INTERESTED PERSONS:

Helen Rowson	North Lincolnshire Councillor and local resident

Appendix B Q1.1.2 Calculations to support the Applicant's Response

Latitude (decimal degrees): 52.702
Longitude (decimal degrees): -0.466
Elevation (m): 44
Radiation database: PVGIS-CMSAF

Slope: 41 deg. (optimum)
Azimuth: -9 deg. (optimum)
Nominal power of the PV system (c-Si) (kWp): 1.0
System losses (%): 0.0

time	P	Gb(i)	Gd(i)	Gr(i)	H_sun	T2m	WS10m	Int	Output (MWh)
20070101:0056	0	0	0	0	0	7.71	9.48	0	0.0
20070101:0156	0	0	0	0	0	7.31	9.48	0	0.0
20070101:0256	0	0	0	0	0	6.91	9.48	0	0.0
20070101:0356	0	0	0	0	0	6.51	9.48	0	0.0
20070101:0456	0	0	0	0	0	6.26	9.17	0	0.0
20070101:0556	0	0	0	0	0	6	8.87	0	0.0
20070101:0656	0	0	0	0	0	5.74	8.57	0	0.0
20070101:0756	0	0	0	0	0	5.53	8.5	0	0.0
20070101:0856	137.35	110.35	36	0.89	3.86	5.31	8.44	0	40.9
20070101:0956	302.09	207.95	87.96	2.42	9.23	5.1	8.37	0	89.9
20070101:1056	571.64	396.16	154.63	4.67	12.8	6.06	8.47	0	170.1
20070101:1156	613.27	429.86	163.47	5.33	14.26	7.02	8.57	0	182.4
20070101:1256	2.6	0	10.26	0.29	13.48	7.99	8.66	0	0.8
20070101:1356	320.85	201.12	116.8	3.24	10.54	7.79	8.36	0	95.5
20070101:1456	143.21	115.42	39.42	1.2	5.68	7.59	8.06	0	42.6
20070101:1556	0	0	0	0	0	7.4	7.75	0	0.0
20070101:1656	0	0	0	0	0	6.77	7.39	0	0.0
20070101:1756	0	0	0	0	0	6.14	7.03	0	0.0
20070101:1856	0	0	0	0	0	5.51	6.68	0	0.0
20070101:1956	0	0	0	0	0	5.12	7.01	0	0.0
20070101:2056	0	0	0	0	0	4.73	7.34	0	0.0
20070101:2156	0	0	0	0	0	4.33	7.67	0	0.0
20070101:2256	0	0	0	0	0	4.15	7.88	0	0.0
20070101:2356	0	0	0	0	0	3.98	8.09	0	0.0
20070102:0056	0	0	0	0	0	3.8	8.3	0	0.0
20070102:0156	0	0	0	0	0	4.08	8.52	0	0.0
20070102:0256	0	0	0	0	0	4.37	8.74	0	0.0
20070102:0356	0	0	0	0	0	4.65	8.97	0	0.0
20070102:0456	0	0	0	0	0	4.76	9.14	0	0.0
20070102:0556	0	0	0	0	0	4.87	9.31	0	0.0
20070102:0656	0	0	0	0	0	4.98	9.48	0	0.0
20070102:0756	0	0	0	0	0	5.16	9.58	0	0.0
20070102:0856	89.02	63.45	37.47	0.91	3.89	5.35	9.68	0	26.5
20070102:0956	206.36	119.51	88.99	2.29	9.28	5.53	9.78	0	61.4
20070102:1056	549.48	378.96	149.13	4.54	12.87	6.28	9.84	0	163.5
20070102:1156	35.36	0	48.43	1.35	14.35	7.02	9.91	0	10.5
20070102:1256	256.17	127.06	129.08	3.61	13.58	7.76	9.97	0	76.2
20070102:1356	188.49	96.43	98.1	2.68	10.65	7.98	9.5	0	56.1
20070102:1456	120.61	67.17	66	1.58	5.8	8.19	9.03	0	35.9
20070102:1556	0	0	0	0	0	8.4	8.55	0	0.0
20070102:1656	0	0	0	0	0	7.73	7.74	0	0.0
20070102:1756	0	0	0	0	0	7.06	6.93	0	0.0
20070102:1856	0	0	0	0	0	6.39	6.12	0	0.0
20070102:1956	0	0	0	0	0	5.86	5.43	0	0.0
20070102:2056	0	0	0	0	0	5.33	4.73	0	0.0
20070102:2156	0	0	0	0	0	4.79	4.03	0	0.0
20070102:2256	0	0	0	0	0	4.68	3.79	0	0.0
20070102:2356	0	0	0	0	0	4.58	3.56	0	0.0
20070103:0056	0	0	0	0	0	4.47	3.32	0	0.0
20070103:0156	0	0	0	0	0	4.98	3.96	0	0.0
20070103:0256	0	0	0	0	0	5.5	4.59	0	0.0
20070103:0356	0	0	0	0	0	6.01	5.23	0	0.0
20070103:0456	0	0	0	0	0	6.43	5.72	0	0.0
20070103:0556	0	0	0	0	0	6.84	6.22	0	0.0
20070103:0656	0	0	0	0	0	7.26	6.72	0	0.0
20070103:0756	0	0	0	0	0	7.52	7.22	0	0.0
20070103:0856	0	0	5.4	0.15	3.93	7.77	7.73	0	0.0
20070103:0956	3.74	0	12.02	0.33	9.34	8.03	8.23	0	1.1
20070103:1056	0.43	0	6.4	0.18	12.94	8.71	8.74	0	0.1
20070103:1156	6.48	0	15.97	0.44	14.44	9.38	9.26	0	1.9
20070103:1256	9.71	0	20.22	0.56	13.69	10.06	9.77	0	2.9
20070103:1356	6.64	0	16.23	0.45	10.77	10.31	9.96	0	2.0
20070103:1456	1.94	0	9.26	0.26	5.93	10.57	10.15	0	0.6
20070103:1556	0	0	0	0	0	10.83	10.34	0	0.0
20070103:1656	0	0	0	0	0	10.74	10.62	0	0.0
20070103:1756	0	0	0	0	0	10.65	10.89	0	0.0
20070103:1856	0	0	0	0	0	10.55	11.16	0	0.0
20070103:1956	0	0	0	0	0	10.5	11.3	0	0.0
20070103:2056	0	0	0	0	0	10.45	11.43	0	0.0
20070103:2156	0	0	0	0	0	10.4	11.57	0	0.0
20070103:2256	0	0	0	0	0	10.21	11.18	0	0.0
20070103:2356	0	0	0	0	0	10.03	10.79	0	0.0
20070104:0056	0	0	0	0	0	9.84	10.4	0	0.0
20070104:0156	0	0	0	0	0	9.54	10.23	0	0.0
20070104:0256	0	0	0	0	0	9.25	10.06	0	0.0
20070104:0356	0	0	0	0	0	8.95	9.89	0	0.0
20070104:0456	0	0	0	0	0	8.55	9.6	0	0.0
20070104:0556	0	0	0	0	0	8.15	9.3	0	0.0
20070104:0656	0	0	0	0	0	7.75	9.01	0	0.0
20070104:0756	0	0	0	0	0	7.79	9.19	0	0.0
20070104:0856	44.67	25.68	32.64	0.85	3.97	7.82	9.37	0	13.3
20070104:0956	112.48	48.39	75.03	2	9.4	7.86	9.56	0	33.5
20070104:1056	123.87	39.88	94.32	2.62	13.02	8.34	9.72	0	36.9
20070104:1156	82.17	11.1	83.98	2.35	14.53	8.82	9.88	0	24.4
20070104:1256	325.37	180.29	142.02	4.02	13.8	9.31	10.04	0	96.8
20070104:1356	30.32	0.36	43.22	1.2	10.9	9.44	9.77	0	9.0
20070104:1456	70.65	27.74	57.25	1.48	6.06	9.57	9.5	0	21.0
20070104:1556	0	0	0	0	0	9.71	9.23	0	0.0
20070104:1656	0	0	0	0	0	9.33	8.86	0	0.0
20070104:1756	0	0	0	0	0	8.94	8.49	0	0.0
20070104:1856	0	0	0	0	0	8.56	8.12	0	0.0
20070104:1956	0	0	0	0	0	8.16	7.43	0	0.0
20070104:2056	0	0	0	0	0	7.76	6.74	0	0.0
20070104:2156	0	0	0	0	0	7.35	6.04	0	0.0
20070104:2256	0	0	0	0	0	7.16	5.65	0	0.0
20070104:2356	0	0	0	0	0	6.96	5.25	0	0.0

Notes

Input sourced from PVGIS https://re.jrc.ec.europa.eu/pvg_tools/en/
Extracted 18 June 2021
PVGIS extract provides **Inputs Col.A** to **Col.I** as a standard download.

Legend (also provided by PVGIS)

P: PV system power (W)
Gb(i): Beam (direct) irradiance on the inclined plane (plane of the array) (W/m2)
Gd(i): Diffuse irradiance on the inclined plane (plane of the array) (W/m2)
Gr(i): Reflected irradiance on the inclined plane (plane of the array) (W/m2)
H_sun: Sun height (degree)
T2m: 2-m air temperature (degree Celsius)
WS10m: 10-m total wind speed (m/s)
Int: 1 means solar radiation values are reconstructed

20070105:0056	0	0	0	0	0	6.77	4.86	0	0.0
20070105:0156	0	0	0	0	0	6.95	5.04	0	0.0
20070105:0256	0	0	0	0	0	7.13	5.22	0	0.0
20070105:0356	0	0	0	0	0	7.31	5.41	0	0.0
20070105:0456	0	0	0	0	0	7.39	5.61	0	0.0
20070105:0556	0	0	0	0	0	7.47	5.81	0	0.0
20070105:0656	0	0	0	0	0	7.55	6.01	0	0.0
20070105:0756	0	0	0	0	0	7.73	6.28	0	0.0
20070105:0856	34.66	17.73	30.32	0.81	4.02	7.9	6.55	0	10.3
20070105:0956	90.24	33.51	69.13	1.87	9.47	8.08	6.81	0	26.8
20070105:1056	156.24	62.5	102.57	2.85	13.11	9.02	7.23	0	46.5
20070105:1156	54.44	1.79	66.67	1.86	14.64	9.96	7.64	0	16.2
20070105:1256	212.72	98.43	120.9	3.41	13.92	10.9	8.06	0	63.3
20070105:1356	36.08	1.76	48.19	1.34	11.03	11.04	7.65	0	10.7
20070105:1456	58.08	19.52	53.39	1.42	6.2	11.17	7.25	0	17.3
20070105:1556	0	0	0	0	0	11.31	6.84	0	0.0
20070105:1656	0	0	0	0	0	10.55	6.31	0	0.0
20070105:1756	0	0	0	0	0	9.8	5.77	0	0.0
20070105:1856	0	0	0	0	0	9.04	5.24	0	0.0
20070105:1956	0	0	0	0	0	8.17	4.91	0	0.0
20070105:2056	0	0	0	0	0	7.3	4.59	0	0.0
20070105:2156	0	0	0	0	0	6.42	4.26	0	0.0
20070105:2256	0	0	0	0	0	6.15	4.45	0	0.0
20070105:2356	0	0	0	0	0	5.87	4.63	0	0.0
20070106:0056	0	0	0	0	0	5.6	4.81	0	0.0
20070106:0156	0	0	0	0	0	5.27	4.69	0	0.0
20070106:0256	0	0	0	0	0	4.95	4.56	0	0.0
20070106:0356	0	0	0	0	0	4.62	4.43	0	0.0
20070106:0456	0	0	0	0	0	4.72	4.42	0	0.0
20070106:0556	0	0	0	0	0	4.81	4.42	0	0.0
20070106:0656	0	0	0	0	0	4.91	4.41	0	0.0
20070106:0756	0	0	0	0	0	5.03	4.33	0	0.0
20070106:0856	0.57	0	6.62	0.18	4.08	5.15	4.24	0	0.2
20070106:0956	5.79	0	14.83	0.41	9.54	5.27	4.15	0	1.7
20070106:1056	40.01	0.35	52.69	1.47	13.2	5.85	3.94	0	11.9
20070106:1156	1.08	0	7.63	0.21	14.75	6.43	3.73	0	0.3
20070106:1256	0.82	0	7.15	0.2	14.05	7.01	3.52	0	0.2
20070106:1356	0	0	5.26	0.15	11.17	6.9	2.43	0	0.0
20070106:1456	3.53	0	11.67	0.32	6.35	6.79	1.34	0	1.1
20070106:1556	0	0	0	0	0	6.68	0.25	0	0.0
20070106:1656	0	0	0	0	0	6.54	1.34	0	0.0
20070106:1756	0	0	0	0	0	6.39	2.44	0	0.0
20070106:1856	0	0	0	0	0	6.25	3.53	0	0.0
20070106:1956	0	0	0	0	0	5.86	3.82	0	0.0
20070106:2056	0	0	0	0	0	5.47	4.1	0	0.0
20070106:2156	0	0	0	0	0	5.07	4.39	0	0.0
20070106:2256	0	0	0	0	0	5.26	5.01	0	0.0
20070106:2356	0	0	0	0	0	5.44	5.64	0	0.0
20070107:0056	0	0	0	0	0	5.63	6.26	0	0.0
20070107:0156	0	0	0	0	0	6.11	6.85	0	0.0
20070107:0256	0	0	0	0	0	6.6	7.43	0	0.0
20070107:0356	0	0	0	0	0	7.08	8.01	0	0.0
20070107:0456	0	0	0	0	0	7.42	8.52	0	0.0
20070107:0556	0	0	0	0	0	7.76	9.03	0	0.0
20070107:0656	0	0	0	0	0	8.1	9.53	0	0.0
20070107:0756	0	0	0	0	0	8.35	9.27	0	0.0
20070107:0856	25.63	9.82	28.69	0.78	4.15	8.61	9.01	0	7.6
20070107:0956	70.35	18.88	64.85	1.78	9.63	8.86	8.74	0	20.9
20070107:1056	107.07	30.24	88.73	2.48	13.3	9.33	8.82	0	31.9
20070107:1156	51.43	0.96	64.42	1.79	14.87	9.8	8.89	0	15.3
20070107:1256	155.62	56.8	108.39	3.06	14.19	10.27	8.97	0	46.3
20070107:1356	46.18	4.67	55.5	1.55	11.31	10.24	9.14	0	13.7
20070107:1456	47.96	11.13	51.09	1.39	6.5	10.2	9.31	0	14.3
20070107:1556	5.85	0	15.11	0.45	0.11	10.16	9.49	0	1.7
20070107:1656	0	0	0	0	0	9.9	9.52	0	0.0
20070107:1756	0	0	0	0	0	9.65	9.55	0	0.0
20070107:1856	0	0	0	0	0	9.39	9.59	0	0.0
20070107:1956	0	0	0	0	0	9.21	10.01	0	0.0
20070107:2056	0	0	0	0	0	9.03	10.43	0	0.0
20070107:2156	0	0	0	0	0	8.84	10.86	0	0.0
20070107:2256	0	0	0	0	0	9.09	10.67	0	0.0
20070107:2356	0	0	0	0	0	9.35	10.49	0	0.0
20070108:0056	0	0	0	0	0	9.6	10.3	0	0.0
20070108:0156	0	0	0	0	0	9.16	9.71	0	0.0
20070108:0256	0	0	0	0	0	8.72	9.11	0	0.0
20070108:0356	0	0	0	0	0	8.28	8.51	0	0.0
20070108:0456	0	0	0	0	0	7.28	7.75	0	0.0
20070108:0556	0	0	0	0	0	6.28	6.99	0	0.0
20070108:0656	0	0	0	0	0	5.28	6.23	0	0.0
20070108:0756	0	0	0	0	0	5.03	5.86	0	0.0
20070108:0856	13.18	7.24	16.85	0.47	4.22	4.79	5.48	0	3.9
20070108:0956	39.39	13.98	38.04	1.08	9.72	4.54	5.1	0	11.7
20070108:1056	110.46	30.55	89.97	2.52	13.41	5.5	5.71	0	32.9
20070108:1156	4.81	0	13.51	0.38	15	6.46	6.31	0	1.4
20070108:1256	0.93	0	7.37	0.2	14.33	7.43	6.91	0	0.3
20070108:1356	113.69	42.1	82.72	2.32	11.46	7.97	7.69	0	33.8
20070108:1456	25.72	8.41	30.25	0.85	6.66	8.52	8.46	0	7.7
20070108:1556	1.99	0	9.28	0.28	0.27	9.07	9.24	0	0.6
20070108:1656	0	0	0	0	0	10.07	9.53	0	0.0
20070108:1756	0	0	0	0	0	11.06	9.81	0	0.0
20070108:1856	0	0	0	0	0	12.06	10.1	0	0.0
20070108:1956	0	0	0	0	0	11.93	9.77	0	0.0
20070108:2056	0	0	0	0	0	11.8	9.45	0	0.0
20070108:2156	0	0	0	0	0	11.66	9.13	0	0.0
20070108:2256	0	0	0	0	0	11.79	9.71	0	0.0
20070108:2356	0	0	0	0	0	11.91	10.29	0	0.0
20070109:0056	0	0	0	0	0	12.04	10.87	0	0.0
20070109:0156	0	0	0	0	0	11.8	11.15	0	0.0
20070109:0256	0	0	0	0	0	11.56	11.43	0	0.0
20070109:0356	0	0	0	0	0	11.31	11.71	0	0.0
20070109:0456	0	0	0	0	0	11.1	11.78	0	0.0
20070109:0556	0	0	0	0	0	10.88	11.85	0	0.0
20070109:0656	0	0	0	0	0	10.67	11.92	0	0.0
20070109:0756	0	0	0	0	0	10.85	11.97	0	0.0
20070109:0856	13.51	3.16	21.84	0.61	4.3	11.02	12.02	0	4.0
20070109:0956	41.27	6.18	49.12	1.37	9.82	11.2	12.07	0	12.3
20070109:1056	108.7	31.37	90.18	2.53	13.53	11.73	12.02	0	32.3

20070109:1156	31.11	0	44.87	1.25	15.14	12.25	11.98	0	9.3
20070109:1256	46.03	0.63	59.97	1.67	14.48	12.77	11.93	0	13.7
20070109:1356	34.19	0.85	47.42	1.32	11.62	12.85	11.76	0	10.2
20070109:1456	29.45	3.79	39.49	1.1	6.82	12.92	11.59	0	8.8
20070109:1556	4.07	0	12.68	0.38	0.44	12.99	11.42	0	1.2
20070109:1656	0	0	0	0	0	12.64	10.94	0	0.0
20070109:1756	0	0	0	0	0	12.28	10.46	0	0.0
20070109:1856	0	0	0	0	0	11.93	9.97	0	0.0
20070109:1956	0	0	0	0	0	11.8	10.18	0	0.0
20070109:2056	0	0	0	0	0	11.66	10.39	0	0.0
20070109:2156	0	0	0	0	0	11.52	10.59	0	0.0
20070109:2256	0	0	0	0	0	11.55	10.55	0	0.0
20070109:2356	0	0	0	0	0	11.58	10.5	0	0.0
20070110:0056	0	0	0	0	0	11.61	10.46	0	0.0
20070110:0156	0	0	0	0	0	11.45	10.28	0	0.0
20070110:0256	0	0	0	0	0	11.3	10.11	0	0.0
20070110:0356	0	0	0	0	0	11.14	9.93	0	0.0
20070110:0456	0	0	0	0	0	10.81	10.3	0	0.0
20070110:0556	0	0	0	0	0	10.49	10.68	0	0.0
20070110:0656	0	0	0	0	0	10.16	11.05	0	0.0
20070110:0756	0	0	0	0	0	9.63	10.57	0	0.0
20070110:0856	165.04	119.16	55.54	1.25	4.39	9.1	10.1	0	49.1
20070110:0956	355.68	219.49	131.16	3.23	9.92	8.57	9.63	0	105.8
20070110:1056	461.91	294.17	155.28	4.5	13.66	8.23	9.29	0	137.4
20070110:1156	473.95	292.33	167.98	5.03	15.28	7.88	8.96	0	141.0
20070110:1256	576.36	402.87	155.78	5.34	14.63	7.53	8.62	0	171.5
20070110:1356	186.78	87.28	105.17	2.93	11.79	7.42	8.78	0	55.6
20070110:1456	230.56	135.37	100.61	2.35	6.99	7.3	8.94	0	68.6
20070110:1556	9.06	0	19.17	0.58	0.61	7.18	9.1	0	2.7
20070110:1656	0	0	0	0	0	6.4	8.53	0	0.0
20070110:1756	0	0	0	0	0	5.62	7.96	0	0.0
20070110:1856	0	0	0	0	0	4.84	7.39	0	0.0
20070110:1956	0	0	0	0	0	4.35	6.95	0	0.0
20070110:2056	0	0	0	0	0	3.86	6.5	0	0.0
20070110:2156	0	0	0	0	0	3.36	6.06	0	0.0
20070110:2256	0	0	0	0	0	3.9	6.85	0	0.0
20070110:2356	0	0	0	0	0	4.44	7.65	0	0.0
20070111:0056	0	0	0	0	0	4.98	8.44	0	0.0
20070111:0156	0	0	0	0	0	5.43	9.94	0	0.0
20070111:0256	0	0	0	0	0	5.88	11.45	0	0.0
20070111:0356	0	0	0	0	0	6.32	12.95	0	0.0
20070111:0456	0	0	0	0	0	6.9	13.31	0	0.0
20070111:0556	0	0	0	0	0	7.47	13.68	0	0.0
20070111:0656	0	0	0	0	0	8.05	14.04	0	0.0
20070111:0756	0	0	0	0	0	8.81	14.15	0	0.0
20070111:0856	97.21	73.49	36.89	0.93	4.49	9.56	14.25	0	28.9
20070111:0956	13.89	0	25.35	0.71	10.04	10.32	14.36	0	4.1
20070111:1056	49.39	1.53	61.89	1.72	13.79	10.47	14.63	0	14.7
20070111:1156	252.5	150.36	103.73	3.31	15.43	10.61	14.89	0	75.1
20070111:1256	464.63	295.93	157.54	4.89	14.8	10.76	15.16	0	138.2
20070111:1356	509.9	318.1	180.55	4.89	11.96	10.26	14.23	0	151.7
20070111:1456	139.2	84.07	67.07	1.76	7.17	9.76	13.31	0	41.4
20070111:1556	0	0	2.51	0.08	0.79	9.27	12.39	0	0.0
20070111:1656	0	0	0	0	0	9.07	12.27	0	0.0
20070111:1756	0	0	0	0	0	8.88	12.15	0	0.0
20070111:1856	0	0	0	0	0	8.68	12.03	0	0.0
20070111:1956	0	0	0	0	0	8.48	11.42	0	0.0
20070111:2056	0	0	0	0	0	8.28	10.8	0	0.0
20070111:2156	0	0	0	0	0	8.08	10.19	0	0.0
20070111:2256	0	0	0	0	0	7.85	9.62	0	0.0
20070111:2356	0	0	0	0	0	7.63	9.05	0	0.0
20070112:0056	0	0	0	0	0	7.4	8.48	0	0.0
20070112:0156	0	0	0	0	0	7.19	7.78	0	0.0
20070112:0256	0	0	0	0	0	6.99	7.09	0	0.0
20070112:0356	0	0	0	0	0	6.78	6.39	0	0.0
20070112:0456	0	0	0	0	0	7.17	6.69	0	0.0
20070112:0556	0	0	0	0	0	7.55	6.99	0	0.0
20070112:0656	0	0	0	0	0	7.94	7.3	0	0.0
20070112:0756	0	0	0	0	0	8.41	8.04	0	0.0
20070112:0856	49.79	39.66	24.13	0.67	4.59	8.88	8.78	0	14.8
20070112:0956	31.21	1.86	42.63	1.19	10.16	9.35	9.52	0	9.3
20070112:1056	5.15	0	14.17	0.39	13.93	10.31	9.94	0	1.5
20070112:1156	14.18	0	25.79	0.72	15.58	11.27	10.35	0	4.2
20070112:1256	319.33	174.81	145.53	4.24	14.97	12.23	10.77	0	95.0
20070112:1356	255.72	154.15	106.61	3.17	12.14	12.16	11.2	0	76.1
20070112:1456	222.95	154.88	78.1	2.1	7.35	12.09	11.62	0	66.3
20070112:1556	0	0	3.2	0.1	0.97	12.02	12.04	0	0.0
20070112:1656	0	0	0	0	0	11.88	11.9	0	0.0
20070112:1756	0	0	0	0	0	11.73	11.76	0	0.0
20070112:1856	0	0	0	0	0	11.59	11.61	0	0.0
20070112:1956	0	0	0	0	0	11.44	11.16	0	0.0
20070112:2056	0	0	0	0	0	11.28	10.7	0	0.0
20070112:2156	0	0	0	0	0	11.12	10.25	0	0.0
20070112:2256	0	0	0	0	0	10.97	9.82	0	0.0
20070112:2356	0	0	0	0	0	10.81	9.38	0	0.0
20070113:0056	0	0	0	0	0	10.66	8.95	0	0.0
20070113:0156	0	0	0	0	0	10.6	8.37	0	0.0
20070113:0256	0	0	0	0	0	10.54	7.79	0	0.0
20070113:0356	0	0	0	0	0	10.48	7.21	0	0.0
20070113:0456	0	0	0	0	0	10.35	6.77	0	0.0
20070113:0556	0	0	0	0	0	10.21	6.32	0	0.0
20070113:0656	0	0	0	0	0	10.08	5.88	0	0.0
20070113:0756	0	0	0	0	0	9.99	6.32	0	0.0
20070113:0856	23.6	8.69	27.78	0.76	4.7	9.9	6.76	0	7.0
20070113:0956	62.95	15.94	60.86	1.69	10.28	9.81	7.2	0	18.7
20070113:1056	38.25	0	52.02	1.45	14.07	10.09	7.76	0	11.4
20070113:1156	95.93	14.72	94.25	2.65	15.75	10.37	8.32	0	28.5
20070113:1256	173.53	63	119.26	3.39	15.14	10.65	8.88	0	51.6
20070113:1356	30.57	0	44.04	1.22	12.32	10.66	9.32	0	9.1
20070113:1456	47.54	10.26	51.58	1.42	7.54	10.67	9.76	0	14.1
20070113:1556	7.39	0	17.22	0.52	1.16	10.68	10.19	0	2.2
20070113:1656	0	0	0	0	0	10.59	10.51	0	0.0
20070113:1756	0	0	0	0	0	10.5	10.83	0	0.0
20070113:1856	0	0	0	0	0	10.41	11.14	0	0.0
20070113:1956	0	0	0	0	0	10	11.53	0	0.0
20070113:2056	0	0	0	0	0	9.58	11.91	0	0.0
20070113:2156	0	0	0	0	0	9.16	12.29	0	0.0

20070113:2256	0	0	0	0	0	7.98	11.22	0	0.0
20070113:2356	0	0	0	0	0	6.81	10.15	0	0.0
20070114:0056	0	0	0	0	0	5.63	9.08	0	0.0
20070114:0156	0	0	0	0	0	5.61	8.84	0	0.0
20070114:0256	0	0	0	0	0	5.6	8.6	0	0.0
20070114:0356	0	0	0	0	0	5.58	8.36	0	0.0
20070114:0456	0	0	0	0	0	5.16	7.57	0	0.0
20070114:0556	0	0	0	0	0	4.75	6.78	0	0.0
20070114:0656	0	0	0	0	0	4.33	5.99	0	0.0
20070114:0756	0	0	0	0	0	4.09	5.69	0	0.0
20070114:0856	234.56	174.43	61.52	1.41	4.81	3.85	5.4	0	69.8
20070114:0956	465.48	317.74	131.78	3.61	10.42	3.61	5.1	0	138.5
20070114:1056	504.93	322.69	165.39	4.89	14.23	4.9	5.65	0	150.2
20070114:1156	654.12	464.52	171.68	6.06	15.92	6.19	6.2	0	194.6
20070114:1256	611.82	432.83	163.98	5.79	15.33	7.49	6.74	0	182.0
20070114:1356	480.33	332.7	137.64	4.48	12.51	7.66	6.58	0	142.9
20070114:1456	309.98	202.7	109.81	2.75	7.73	7.83	6.42	0	92.2
20070114:1556	9.27	0	19.49	0.59	1.35	8	6.26	0	2.8
20070114:1656	0	0	0	0	0	7.38	6	0	0.0
20070114:1756	0	0	0	0	0	6.76	5.74	0	0.0
20070114:1856	0	0	0	0	0	6.13	5.48	0	0.0
20070114:1956	0	0	0	0	0	5.81	5.44	0	0.0
20070114:2056	0	0	0	0	0	5.49	5.41	0	0.0
20070114:2156	0	0	0	0	0	5.17	5.38	0	0.0
20070114:2256	0	0	0	0	0	5.1	5.55	0	0.0
20070114:2356	0	0	0	0	0	5.04	5.73	0	0.0
20070115:0056	0	0	0	0	0	4.97	5.9	0	0.0
20070115:0156	0	0	0	0	0	4.91	6.07	0	0.0
20070115:0256	0	0	0	0	0	4.85	6.23	0	0.0
20070115:0356	0	0	0	0	0	4.78	6.4	0	0.0
20070115:0456	0	0	0	0	0	4.68	6.41	0	0.0
20070115:0556	0	0	0	0	0	4.57	6.42	0	0.0
20070115:0656	0	0	0	0	0	4.46	6.43	0	0.0
20070115:0756	0	0	0	0	0	4.59	6.45	0	0.0
20070115:0856	42.9	31.42	24.46	0.68	4.93	4.72	6.47	0	12.8
20070115:0956	15.02	0	26.19	0.73	10.56	4.85	6.5	0	4.5
20070115:1056	20.74	0	32.77	0.91	14.39	6.15	6.93	0	6.2
20070115:1156	35.05	0	48.21	1.34	16.09	7.45	7.37	0	10.4
20070115:1256	77.31	6.39	84.09	2.36	15.51	8.74	7.81	0	23.0
20070115:1356	472.47	327.79	135.94	4.48	12.71	8.82	7.65	0	140.6
20070115:1456	72.57	30.53	55.97	1.55	7.93	8.89	7.49	0	21.6
20070115:1556	5.02	0	13.9	0.42	1.55	8.97	7.32	0	1.5
20070115:1656	0	0	0	0	0	8.69	7.29	0	0.0
20070115:1756	0	0	0	0	0	8.4	7.25	0	0.0
20070115:1856	0	0	0	0	0	8.12	7.21	0	0.0
20070115:1956	0	0	0	0	0	8.49	7.53	0	0.0
20070115:2056	0	0	0	0	0	8.86	7.84	0	0.0
20070115:2156	0	0	0	0	0	9.22	8.15	0	0.0
20070115:2256	0	0	0	0	0	9.33	7.8	0	0.0
20070115:2356	0	0	0	0	0	9.43	7.45	0	0.0
20070116:0056	0	0	0	0	0	9.54	7.1	0	0.0
20070116:0156	0	0	0	0	0	9.56	6.79	0	0.0
20070116:0256	0	0	0	0	0	9.59	6.47	0	0.0
20070116:0356	0	0	0	0	0	9.61	6.15	0	0.0
20070116:0456	0	0	0	0	0	9.59	5.85	0	0.0
20070116:0556	0	0	0	0	0	9.57	5.54	0	0.0
20070116:0656	0	0	0	0	0	9.55	5.24	0	0.0
20070116:0756	0	0	0	0	0	9.49	4.96	0	0.0
20070116:0856	7.24	0.34	16.66	0.46	5.06	9.42	4.67	0	2.2
20070116:0956	22.46	0	35.09	0.98	10.71	9.36	4.39	0	6.7
20070116:1056	24.79	0	37.68	1.05	14.55	9.61	4.57	0	7.4
20070116:1156	54.6	0.45	68.24	1.9	16.28	9.86	4.75	0	16.2
20070116:1256	5.15	0	14.17	0.39	15.71	10.11	4.94	0	1.5
20070116:1356	58.03	5.62	66.44	1.86	12.91	9.77	4.41	0	17.3
20070116:1456	20.02	0.58	31.8	0.89	8.13	9.43	3.88	0	6.0
20070116:1556	3.38	0	11.51	0.35	1.75	9.09	3.35	0	1.0
20070116:1656	0	0	0	0	0	9.08	3.73	0	0.0
20070116:1756	0	0	0	0	0	9.08	4.11	0	0.0
20070116:1856	0	0	0	0	0	9.07	4.5	0	0.0
20070116:1956	0	0	0	0	0	9.17	5.2	0	0.0
20070116:2056	0	0	0	0	0	9.26	5.89	0	0.0
20070116:2156	0	0	0	0	0	9.35	6.59	0	0.0
20070116:2256	0	0	0	0	0	9.28	6.94	0	0.0
20070116:2356	0	0	0	0	0	9.21	7.29	0	0.0
20070117:0056	0	0	0	0	0	9.14	7.64	0	0.0
20070117:0156	0	0	0	0	0	9.25	8.1	0	0.0
20070117:0256	0	0	0	0	0	9.36	8.55	0	0.0
20070117:0356	0	0	0	0	0	9.46	9.01	0	0.0
20070117:0456	0	0	0	0	0	9.53	9.91	0	0.0
20070117:0556	0	0	0	0	0	9.6	10.82	0	0.0
20070117:0656	0	0	0	0	0	9.67	11.72	0	0.0
20070117:0756	0	0	0	0	0	9.39	11.77	0	0.0
20070117:0856	66.41	47.94	32.38	0.87	5.2	9.12	11.83	0	19.8
20070117:0956	53.83	9.34	58.09	1.62	10.86	8.84	11.88	0	16.0
20070117:1056	120.74	31.01	100.29	2.82	14.73	8.44	10.75	0	35.9
20070117:1156	90.9	9.77	93.37	2.62	16.47	8.04	9.62	0	27.0
20070117:1256	601.31	423.11	159.99	5.83	15.91	7.64	8.5	0	178.9
20070117:1356	0.57	0	6.67	0.19	13.12	7.78	8.96	0	0.2
20070117:1456	103.64	56.12	59.97	1.69	8.34	7.91	9.43	0	30.8
20070117:1556	7.75	0	17.54	0.53	1.96	8.04	9.89	0	2.3
20070117:1656	0	0	0	0	0	7.4	9.14	0	0.0
20070117:1756	0	0	0	0	0	6.77	8.4	0	0.0
20070117:1856	0	0	0	0	0	6.13	7.66	0	0.0
20070117:1956	0	0	0	0	0	6.05	7.51	0	0.0
20070117:2056	0	0	0	0	0	5.96	7.37	0	0.0
20070117:2156	0	0	0	0	0	5.87	7.23	0	0.0
20070117:2256	0	0	0	0	0	5.88	7.11	0	0.0
20070117:2356	0	0	0	0	0	5.89	7	0	0.0
20070118:0056	0	0	0	0	0	5.9	6.88	0	0.0
20070118:0156	0	0	0	0	0	5.9	6.83	0	0.0
20070118:0256	0	0	0	0	0	5.9	6.77	0	0.0
20070118:0356	0	0	0	0	0	5.9	6.72	0	0.0
20070118:0456	0	0	0	0	0	7.2	8.77	0	0.0
20070118:0556	0	0	0	0	0	8.49	10.83	0	0.0
20070118:0656	0	0	0	0	0	9.78	12.88	0	0.0
20070118:0756	0	0	0	0	0	10.43	13.63	0	0.0
20070118:0856	55.53	42.24	27.8	0.77	5.34	11.09	14.37	0	16.5

20070118:0956	319.78	201.91	117.43	3.2	11.02	11.74	15.12	0	95.1
20070118:1056	39.88	0	53.91	1.5	14.91	11.34	15.23	0	11.9
20070118:1156	4.64	0	13.47	0.37	16.66	10.94	15.35	0	1.4
20070118:1256	433.43	258.22	165.06	5.1	16.12	10.53	15.46	0	128.9
20070118:1356	36.15	0	49.88	1.39	13.33	10.53	15.9	0	10.8
20070118:1456	87.44	49.6	51.82	1.51	8.56	10.52	16.34	0	26.0
20070118:1556	6.31	0	15.76	0.47	2.17	10.52	16.79	0	1.9
20070118:1656	0	0	0	0	0	10.1	15.71	0	0.0
20070118:1756	0	0	0	0	0	9.68	14.63	0	0.0
20070118:1856	0	0	0	0	0	9.25	13.56	0	0.0
20070118:1956	0	0	0	0	0	8.98	12.18	0	0.0
20070118:2056	0	0	0	0	0	8.7	10.81	0	0.0
20070118:2156	0	0	0	0	0	8.42	9.43	0	0.0
20070118:2256	0	0	0	0	0	8.53	9.27	0	0.0
20070118:2356	0	0	0	0	0	8.65	9.1	0	0.0
20070119:0056	0	0	0	0	0	8.76	8.94	0	0.0
20070119:0156	0	0	0	0	0	9.04	9.05	0	0.0
20070119:0256	0	0	0	0	0	9.32	9.16	0	0.0
20070119:0356	0	0	0	0	0	9.6	9.27	0	0.0
20070119:0456	0	0	0	0	0	9.17	9.49	0	0.0
20070119:0556	0	0	0	0	0	8.73	9.71	0	0.0
20070119:0656	0	0	0	0	0	8.3	9.93	0	0.0
20070119:0756	0	0	0	0	0	8.01	9.67	0	0.0
20070119:0856	212.76	156.15	62.05	1.48	5.49	7.72	9.41	0	63.3
20070119:0956	464.1	318.85	132.02	3.82	11.19	7.43	9.14	0	138.1
20070119:1056	593.26	417.71	158.46	5.44	15.1	8.29	8.97	0	176.5
20070119:1156	523.22	353.02	156.81	5.46	16.87	9.15	8.8	0	155.7
20070119:1256	494.25	315.26	169.44	5.49	16.33	10.02	8.63	0	147.0
20070119:1356	370.27	232.21	135.8	4.22	13.55	10.3	7.69	0	110.2
20070119:1456	286.45	183.48	109.27	2.94	8.78	10.59	6.74	0	85.2
20070119:1556	11.84	0	22.89	0.69	2.38	10.88	5.79	0	3.5
20070119:1656	0	0	0	0	0	11.03	6.22	0	0.0
20070119:1756	0	0	0	0	0	11.18	6.65	0	0.0
20070119:1856	0	0	0	0	0	11.32	7.08	0	0.0
20070119:1956	0	0	0	0	0	11.53	8.1	0	0.0
20070119:2056	0	0	0	0	0	11.74	9.13	0	0.0
20070119:2156	0	0	0	0	0	11.95	10.15	0	0.0
20070119:2256	0	0	0	0	0	11.88	10.39	0	0.0
20070119:2356	0	0	0	0	0	11.8	10.63	0	0.0
20070120:0056	0	0	0	0	0	11.73	10.87	0	0.0
20070120:0156	0	0	0	0	0	11.91	11.14	0	0.0
20070120:0256	0	0	0	0	0	12.1	11.41	0	0.0
20070120:0356	0	0	0	0	0	12.28	11.68	0	0.0
20070120:0456	0	0	0	0	0	11.68	11.74	0	0.0
20070120:0556	0	0	0	0	0	11.07	11.8	0	0.0
20070120:0656	0	0	0	0	0	10.47	11.86	0	0.0
20070120:0756	0	0	0	0	0	9.42	11.43	0	0.0
20070120:0856	254.82	190.59	67.21	1.62	5.65	8.37	10.99	0	75.8
20070120:0956	480.43	329.5	135.48	3.95	11.37	7.32	10.55	0	142.9
20070120:1056	627.34	440.49	165.44	5.7	15.29	7.81	10.54	0	186.6
20070120:1156	594.91	391.25	184.37	6.15	17.08	8.3	10.52	0	177.0
20070120:1256	639.19	452.17	168.08	6.29	16.55	8.78	10.51	0	190.2
20070120:1356	509.09	352.62	143.01	4.98	13.78	8.65	10.17	0	151.5
20070120:1456	341.25	224.34	116.36	3.22	9	8.51	9.84	0	101.5
20070120:1556	11.88	0	22.73	0.68	2.61	8.38	9.5	0	3.5
20070120:1656	0	0	0	0	0	7.77	9.5	0	0.0
20070120:1756	0	0	0	0	0	7.17	9.49	0	0.0
20070120:1856	0	0	0	0	0	6.56	9.49	0	0.0
20070120:1956	0	0	0	0	0	6.4	9.55	0	0.0
20070120:2056	0	0	0	0	0	6.23	9.62	0	0.0
20070120:2156	0	0	0	0	0	6.06	9.68	0	0.0
20070120:2256	0	0	0	0	0	6.01	9.82	0	0.0
20070120:2356	0	0	0	0	0	5.96	9.95	0	0.0
20070121:0056	0	0	0	0	0	5.91	10.08	0	0.0
20070121:0156	0	0	0	0	0	5.58	10.81	0	0.0
20070121:0256	0	0	0	0	0	5.26	11.54	0	0.0
20070121:0356	0	0	0	0	0	4.93	12.26	0	0.0
20070121:0456	0	0	0	0	0	4.29	11.18	0	0.0
20070121:0556	0	0	0	0	0	3.64	10.1	0	0.0
20070121:0656	0	0	0	0	0	3	9.02	0	0.0
20070121:0756	0	0	0	0	0	3.09	8.46	0	0.0
20070121:0856	307.7	192.04	109.96	2.09	5.81	3.18	7.9	0	91.5
20070121:0956	478.51	324.04	133.66	3.95	11.55	3.27	7.34	0	142.4
20070121:1056	631.44	438.77	164.7	5.74	15.49	4.12	8.04	0	187.9
20070121:1156	600.6	390.87	183.76	6.19	17.29	4.97	8.74	0	178.7
20070121:1256	644.64	451.03	167.47	6.33	16.78	5.82	9.45	0	191.8
20070121:1356	522.59	358.85	144.74	5.09	14.01	6	9.05	0	155.5
20070121:1456	346.65	226.06	116.63	3.28	9.23	6.18	8.66	0	103.1
20070121:1556	12.42	0	23.22	0.7	2.83	6.37	8.26	0	3.7
20070121:1656	0	0	0	0	0	5.6	7.7	0	0.0
20070121:1756	0	0	0	0	0	4.82	7.14	0	0.0
20070121:1856	0	0	0	0	0	4.05	6.58	0	0.0
20070121:1956	0	0	0	0	0	3.72	6.3	0	0.0
20070121:2056	0	0	0	0	0	3.39	6.02	0	0.0
20070121:2156	0	0	0	0	0	3.05	5.74	0	0.0
20070121:2256	0	0	0	0	0	2.67	5.07	0	0.0
20070121:2356	0	0	0	0	0	2.3	4.4	0	0.0
20070122:0056	0	0	0	0	0	1.92	3.72	0	0.0
20070122:0156	0	0	0	0	0	1.7	3.14	0	0.0
20070122:0256	0	0	0	0	0	1.49	2.56	0	0.0
20070122:0356	0	0	0	0	0	1.27	1.97	0	0.0
20070122:0456	0	0	0	0	0	1.36	2.77	0	0.0
20070122:0556	0	0	0	0	0	1.44	3.56	0	0.0
20070122:0656	0	0	0	0	0	1.52	4.36	0	0.0
20070122:0756	0	0	0	0	0	1.71	5.03	0	0.0
20070122:0856	225.78	124.22	101.64	2.06	5.98	1.9	5.69	0	67.2
20070122:0956	64.55	9.64	66.44	1.86	11.74	2.09	6.36	0	19.2
20070122:1056	558.9	356.74	176.04	5.54	15.7	3.09	7.15	0	166.3
20070122:1156	361.89	174.32	174.91	5.1	17.52	4.09	7.94	0	107.7
20070122:1256	511.38	307.04	183.09	5.82	17.01	5.1	8.73	0	152.1
20070122:1356	549.63	377.74	150.3	5.34	14.24	5.01	8.34	0	163.5
20070122:1456	259.26	146.32	113.02	3.04	9.46	4.93	7.95	0	77.1
20070122:1556	78.37	55.54	39.17	1.02	3.06	4.85	7.56	0	23.3
20070122:1656	0	0	0	0	0	4.13	6.97	0	0.0
20070122:1756	0	0	0	0	0	3.42	6.37	0	0.0
20070122:1856	0	0	0	0	0	2.7	5.78	0	0.0
20070122:1956	0	0	0	0	0	2.33	5.37	0	0.0

20070122:2056	0	0	0	0	0	1.96	4.96	0	0.0
20070122:2156	0	0	0	0	0	1.58	4.55	0	0.0
20070122:2256	0	0	0	0	0	1.42	5.06	0	0.0
20070122:2356	0	0	0	0	0	1.25	5.57	0	0.0
20070123:0056	0	0	0	0	0	1.09	6.08	0	0.0
20070123:0156	0	0	0	0	0	0.94	6.04	0	0.0
20070123:0256	0	0	0	0	0	0.79	5.99	0	0.0
20070123:0356	0	0	0	0	0	0.63	5.94	0	0.0
20070123:0456	0	0	0	0	0	0.47	6.21	0	0.0
20070123:0556	0	0	0	0	0	0.3	6.47	0	0.0
20070123:0656	0	0	0	0	0	0.13	6.73	0	0.0
20070123:0756	0	0	0	0	0	0.12	6.83	0	0.0
20070123:0856	332.9	210.16	111.26	2.21	6.16	0.12	6.93	0	99.0
20070123:0956	519.34	348.32	141.36	4.25	11.93	0.11	7.03	0	154.5
20070123:1056	668.19	460.57	170.6	6.06	15.91	0.79	7.24	0	198.8
20070123:1156	720.01	502.78	179.95	6.9	17.74	1.47	7.45	0	214.2
20070123:1256	616.44	426.86	156.87	6.14	17.25	2.15	7.66	0	183.4
20070123:1356	552.02	375.47	149.34	5.38	14.48	2.24	7.43	0	164.2
20070123:1456	376.39	247.35	117.86	3.5	9.7	2.32	7.2	0	112.0
20070123:1556	118.95	95.56	39.05	1.07	3.29	2.41	6.97	0	35.4
20070123:1656	0	0	0	0	0	1.61	6.52	0	0.0
20070123:1756	0	0	0	0	0	0.81	6.08	0	0.0
20070123:1856	0	0	0	0	0	0	5.64	0	0.0
20070123:1956	0	0	0	0	0	-0.33	5.09	0	0.0
20070123:2056	0	0	0	0	0	-0.66	4.53	0	0.0
20070123:2156	0	0	0	0	0	-0.99	3.97	0	0.0
20070123:2256	0	0	0	0	0	-1.07	3.57	0	0.0
20070123:2356	0	0	0	0	0	-1.16	3.17	0	0.0
20070124:0056	0	0	0	0	0	-1.24	2.77	0	0.0
20070124:0156	0	0	0	0	0	-0.85	2.96	0	0.0
20070124:0256	0	0	0	0	0	-0.46	3.15	0	0.0
20070124:0356	0	0	0	0	0	-0.08	3.34	0	0.0
20070124:0456	0	0	0	0	0	0.21	3.6	0	0.0
20070124:0556	0	0	0	0	0	0.49	3.87	0	0.0
20070124:0656	0	0	0	0	0	0.78	4.14	0	0.0
20070124:0756	0	0	0	0	0	1.03	4.51	0	0.0
20070124:0856	233.34	129.35	103.05	2.15	6.34	1.27	4.89	0	69.4
20070124:0956	506.2	343.5	139.64	4.26	12.13	1.52	5.27	0	150.6
20070124:1056	653.58	456.39	169.12	6.07	16.13	2.4	5.74	0	194.4
20070124:1156	277.86	110.94	161.07	4.65	17.98	3.27	6.22	0	82.7
20070124:1256	184.4	52.66	134.99	3.87	17.49	4.14	6.69	0	54.9
20070124:1356	545.25	375.73	149.27	5.44	14.73	4.12	6.13	0	162.2
20070124:1456	267.67	152.18	114.8	3.18	9.95	4.09	5.57	0	79.6
20070124:1556	85.08	59.92	41.15	1.1	3.53	4.07	5.01	0	25.3
20070124:1656	0	0	0	0	0	3.26	4.5	0	0.0
20070124:1756	0	0	0	0	0	2.46	3.99	0	0.0
20070124:1856	0	0	0	0	0	1.65	3.48	0	0.0
20070124:1956	0	0	0	0	0	1.35	3.41	0	0.0
20070124:2056	0	0	0	0	0	1.04	3.34	0	0.0
20070124:2156	0	0	0	0	0	0.73	3.27	0	0.0
20070124:2256	0	0	0	0	0	0.6	3.28	0	0.0
20070124:2356	0	0	0	0	0	0.48	3.29	0	0.0
20070125:0056	0	0	0	0	0	0.35	3.3	0	0.0
20070125:0156	0	0	0	0	0	0.42	3.7	0	0.0
20070125:0256	0	0	0	0	0	0.5	4.11	0	0.0
20070125:0356	0	0	0	0	0	0.57	4.51	0	0.0
20070125:0456	0	0	0	0	0	0.45	4.51	0	0.0
20070125:0556	0	0	0	0	0	0.33	4.51	0	0.0
20070125:0656	0	0	0	0	0	0.21	4.51	0	0.0
20070125:0756	0	0	0	0	0	0.2	4.3	0	0.0
20070125:0856	268.41	149.71	114.2	2.34	6.53	0.18	4.09	0	79.9
20070125:0956	521.52	354.72	143.1	4.41	12.34	0.17	3.88	0	155.2
20070125:1056	451.87	255.38	176.72	5.26	16.36	1.08	4.06	0	134.4
20070125:1156	459.26	249.2	191.24	5.81	18.22	1.99	4.23	0	136.6
20070125:1256	498.32	291.64	187.8	5.97	17.74	2.9	4.41	0	148.3
20070125:1356	468.48	295.51	157.92	5.18	14.98	3.04	3.74	0	139.4
20070125:1456	353.28	238.8	109.83	3.46	10.19	3.18	3.07	0	105.1
20070125:1556	100.05	70.65	45.22	1.21	3.77	3.32	2.4	0	29.8
20070125:1656	0	0	0	0	0	1.94	2.31	0	0.0
20070125:1756	0	0	0	0	0	0.56	2.22	0	0.0
20070125:1856	0	0	0	0	0	-0.82	2.12	0	0.0
20070125:1956	0	0	0	0	0	-1.06	2.31	0	0.0
20070125:2056	0	0	0	0	0	-1.31	2.5	0	0.0
20070125:2156	0	0	0	0	0	-1.56	2.69	0	0.0
20070125:2256	0	0	0	0	0	-1.37	3.11	0	0.0
20070125:2356	0	0	0	0	0	-1.18	3.53	0	0.0
20070126:0056	0	0	0	0	0	-0.99	3.94	0	0.0
20070126:0156	0	0	0	0	0	-0.63	4.42	0	0.0
20070126:0256	0	0	0	0	0	-0.26	4.9	0	0.0
20070126:0356	0	0	0	0	0	0.1	5.38	0	0.0
20070126:0456	0	0	0	0	0	0.84	5.41	0	0.0
20070126:0556	0	0	0	0	0	1.58	5.44	0	0.0
20070126:0656	0	0	0	0	0	2.32	5.48	0	0.0
20070126:0756	0	0	0	0	0	2.65	5.5	0	0.0
20070126:0856	64.44	23.72	52.8	1.4	6.72	2.97	5.53	0	19.2
20070126:0956	326.6	186.17	131.46	3.68	12.56	3.3	5.56	0	97.2
20070126:1056	75.96	3.65	84	2.35	16.59	4.09	5.7	0	22.6
20070126:1156	37.72	0	50.49	1.4	18.47	4.88	5.84	0	11.2
20070126:1256	57.44	0	70.32	1.96	18	5.68	5.99	0	17.1
20070126:1356	100.02	16.23	95.02	2.69	15.24	6.32	5.73	0	29.8
20070126:1456	181.78	94.32	94.95	2.72	10.44	6.96	5.47	0	54.1
20070126:1556	24.98	11.53	26.92	0.76	4.01	7.6	5.21	0	7.4
20070126:1656	0	0	0	0	0	7.01	4.99	0	0.0
20070126:1756	0	0	0	0	0	6.41	4.76	0	0.0
20070126:1856	0	0	0	0	0	5.82	4.54	0	0.0
20070126:1956	0	0	0	0	0	5.83	4.67	0	0.0
20070126:2056	0	0	0	0	0	5.83	4.8	0	0.0
20070126:2156	0	0	0	0	0	5.83	4.92	0	0.0
20070126:2256	0	0	0	0	0	5.74	5	0	0.0
20070126:2356	0	0	0	0	0	5.64	5.07	0	0.0
20070127:0056	0	0	0	0	0	5.55	5.14	0	0.0
20070127:0156	0	0	0	0	0	5.5	4.7	0	0.0
20070127:0256	0	0	0	0	0	5.45	4.26	0	0.0
20070127:0356	0	0	0	0	0	5.4	3.82	0	0.0
20070127:0456	0	0	0	0	0	5.1	3.84	0	0.0
20070127:0556	0	0	0	0	0	4.8	3.87	0	0.0
20070127:0656	0	0	0	0	0	4.5	3.89	0	0.0

20070127:0756	0	0	0	0	0	4.51	4.08	0	0.0
20070127:0856	260.18	177.39	83.34	2.01	6.92	4.53	4.27	0	77.4
20070127:0956	64.99	8.11	69.2	1.94	12.78	4.54	4.46	0	19.3
20070127:1056	299.26	138.3	157.08	4.54	16.83	5.68	5.02	0	89.0
20070127:1156	207.95	64.37	147.38	4.24	18.72	6.82	5.58	0	61.9
20070127:1256	659.44	474.75	171.88	6.94	18.26	7.95	6.14	0	196.2
20070127:1356	544.25	383.34	150.88	5.71	15.5	8	5.67	0	161.9
20070127:1456	37.84	2.01	49.24	1.38	10.7	8.04	5.21	0	11.3
20070127:1556	73.69	52.36	38.43	1.08	4.26	8.08	4.74	0	21.9
20070127:1656	0	0	0	0	0	7.32	4.73	0	0.0
20070127:1756	0	0	0	0	0	6.56	4.71	0	0.0
20070127:1856	0	0	0	0	0	5.8	4.69	0	0.0
20070127:1956	0	0	0	0	0	5.67	4.99	0	0.0
20070127:2056	0	0	0	0	0	5.54	5.29	0	0.0
20070127:2156	0	0	0	0	0	5.4	5.59	0	0.0
20070127:2256	0	0	0	0	0	5.42	5.68	0	0.0
20070127:2356	0	0	0	0	0	5.43	5.78	0	0.0
20070128:0056	0	0	0	0	0	5.45	5.88	0	0.0
20070128:0156	0	0	0	0	0	5.31	6.04	0	0.0
20070128:0256	0	0	0	0	0	5.17	6.21	0	0.0
20070128:0356	0	0	0	0	0	5.03	6.37	0	0.0
20070128:0456	0	0	0	0	0	5.15	6.51	0	0.0
20070128:0556	0	0	0	0	0	5.27	6.64	0	0.0
20070128:0656	0	0	0	0	0	5.39	6.77	0	0.0
20070128:0756	0	0	0	0	0	5.66	7.08	0	0.0
20070128:0856	29.23	6.1	35.79	0.99	7.13	5.92	7.39	0	8.7
20070128:0956	0.47	0	6.45	0.18	13	6.19	7.7	0	0.1
20070128:1056	35.54	0	48.65	1.35	17.07	7.13	8.07	0	10.6
20070128:1156	82.75	2.39	93.1	2.6	18.98	8.07	8.45	0	24.6
20070128:1256	28.19	0	41.23	1.15	18.52	9.01	8.83	0	8.4
20070128:1356	57	0.8	69.96	1.95	15.76	9.1	8.54	0	17.0
20070128:1456	151.94	69.97	92.22	2.65	10.96	9.2	8.26	0	45.2
20070128:1556	11.34	3.14	19.27	0.54	4.51	9.3	7.97	0	3.4
20070128:1656	0	0	0	0	0	8.99	7.69	0	0.0
20070128:1756	0	0	0	0	0	8.69	7.4	0	0.0
20070128:1856	0	0	0	0	0	8.38	7.12	0	0.0
20070128:1956	0	0	0	0	0	8.4	6.85	0	0.0
20070128:2056	0	0	0	0	0	8.41	6.57	0	0.0
20070128:2156	0	0	0	0	0	8.42	6.3	0	0.0
20070128:2256	0	0	0	0	0	8.43	6.13	0	0.0
20070128:2356	0	0	0	0	0	8.43	5.96	0	0.0
20070129:0056	0	0	0	0	0	8.44	5.79	0	0.0
20070129:0156	0	0	0	0	0	7.91	5.45	0	0.0
20070129:0256	0	0	0	0	0	7.38	5.11	0	0.0
20070129:0356	0	0	0	0	0	6.85	4.77	0	0.0
20070129:0456	0	0	0	0	0	6.7	4.61	0	0.0
20070129:0556	0	0	0	0	0	6.54	4.45	0	0.0
20070129:0656	0	0	0	0	0	6.39	4.29	0	0.0
20070129:0756	7.44	0	17.06	0.51	0.08	6.57	4.25	0	2.2
20070129:0856	205.43	116.46	95.18	2.22	7.35	6.76	4.21	0	61.1
20070129:0956	146.8	54.47	101.04	2.84	13.23	6.94	4.17	0	43.7
20070129:1056	154.98	40.44	123.11	3.51	17.32	7.69	4.41	0	46.1
20070129:1156	142.28	25.74	126.45	3.6	19.24	8.44	4.66	0	42.3
20070129:1256	649.69	473.63	170.83	7.05	18.79	9.19	4.91	0	193.3
20070129:1356	535.12	382.36	149.7	5.82	16.03	9.3	4.11	0	159.2
20070129:1456	347.91	241.61	110.74	3.73	11.22	9.41	3.32	0	103.5
20070129:1556	83.12	58.89	42.1	1.2	4.77	9.52	2.52	0	24.7
20070129:1656	0	0	0	0	0	8.92	2.22	0	0.0
20070129:1756	0	0	0	0	0	8.32	1.92	0	0.0
20070129:1856	0	0	0	0	0	7.72	1.61	0	0.0
20070129:1956	0	0	0	0	0	7.47	1.77	0	0.0
20070129:2056	0	0	0	0	0	7.21	1.92	0	0.0
20070129:2156	0	0	0	0	0	6.95	2.07	0	0.0
20070129:2256	0	0	0	0	0	6.69	1.99	0	0.0
20070129:2356	0	0	0	0	0	6.42	1.9	0	0.0
20070130:0056	0	0	0	0	0	6.16	1.82	0	0.0
20070130:0156	0	0	0	0	0	5.86	1.91	0	0.0
20070130:0256	0	0	0	0	0	5.57	2	0	0.0
20070130:0356	0	0	0	0	0	5.27	2.1	0	0.0
20070130:0456	0	0	0	0	0	5.15	2.48	0	0.0
20070130:0556	0	0	0	0	0	5.02	2.87	0	0.0
20070130:0656	0	0	0	0	0	4.9	3.26	0	0.0
20070130:0756	4.52	0	13.01	0.39	0.28	4.85	3.3	0	1.3
20070130:0856	58.03	22.44	48.43	1.32	7.56	4.81	3.34	0	17.3
20070130:0956	36.63	0	49.39	1.37	13.47	4.76	3.38	0	10.9
20070130:1056	70.23	1.25	81.53	2.27	17.58	5.47	3.39	0	20.9
20070130:1156	70.82	0.26	83.34	2.32	19.51	6.18	3.41	0	21.1
20070130:1256	56.03	0	69.35	1.93	19.07	6.89	3.42	0	16.7
20070130:1356	40.99	0	54.31	1.51	16.3	7.12	3.72	0	12.2
20070130:1456	265.46	164.46	104.53	3.3	11.49	7.36	4.02	0	79.0
20070130:1556	178.94	145.58	50.9	1.61	5.03	7.6	4.32	0	53.2
20070130:1656	0	0	0	0	0	7.03	3.8	0	0.0
20070130:1756	0	0	0	0	0	6.46	3.28	0	0.0
20070130:1856	0	0	0	0	0	5.89	2.76	0	0.0
20070130:1956	0	0	0	0	0	5.36	2.82	0	0.0
20070130:2056	0	0	0	0	0	4.83	2.89	0	0.0
20070130:2156	0	0	0	0	0	4.3	2.95	0	0.0
20070130:2256	0	0	0	0	0	4.14	3.08	0	0.0
20070130:2356	0	0	0	0	0	3.99	3.21	0	0.0
20070131:0056	0	0	0	0	0	3.83	3.34	0	0.0
20070131:0156	0	0	0	0	0	3.5	3.81	0	0.0
20070131:0256	0	0	0	0	0	3.18	4.29	0	0.0
20070131:0356	0	0	0	0	0	2.85	4.76	0	0.0
20070131:0456	0	0	0	0	0	2.89	4.94	0	0.0
20070131:0556	0	0	0	0	0	2.94	5.12	0	0.0
20070131:0656	0	0	0	0	0	2.98	5.3	0	0.0
20070131:0756	6.34	0	15.44	0.46	0.49	3.46	5.52	0	1.9
20070131:0856	76.93	30.64	58.12	1.56	7.79	3.95	5.75	0	22.9
20070131:0956	38.29	0.16	50.82	1.41	13.72	4.43	5.97	0	11.4
20070131:1056	109.29	14.73	105.11	2.97	17.84	6.22	6.3	0	32.5
20070131:1156	200.65	58.36	147.39	4.27	19.78	8.01	6.63	0	59.7
20070131:1256	41.14	0	54.96	1.53	19.35	9.81	6.97	0	12.2
20070131:1356	45.98	0	60.01	1.67	16.58	10.19	7	0	13.7
20070131:1456	286.58	180.44	110.83	3.54	11.76	10.57	7.03	0	85.3
20070131:1556	169.58	139.23	49.75	1.61	5.29	10.95	7.06	0	50.5
20070131:1656	0	0	0	0	0	10.65	6.61	0	0.0
20070131:1756	0	0	0	0	0	10.35	6.15	0	0.0

20070131:1856	0	0	0	0	0	10.05	5.7	0	0.0
20070131:1956	0	0	0	0	0	10.01	5.38	0	0.0
20070131:2056	0	0	0	0	0	9.97	5.07	0	0.0
20070131:2156	0	0	0	0	0	9.93	4.76	0	0.0
20070131:2256	0	0	0	0	0	9.8	4.45	0	0.0
20070131:2356	0	0	0	0	0	9.68	4.14	0	0.0
20070201:0056	0	0	0	0	0	9.55	3.83	0	0.0
20070201:0156	0	0	0	0	0	9.15	3.67	0	0.0
20070201:0256	0	0	0	0	0	8.76	3.51	0	0.0
20070201:0356	0	0	0	0	0	8.36	3.35	0	0.0
20070201:0456	0	0	0	0	0	8.34	3.29	0	0.0
20070201:0556	0	0	0	0	0	8.32	3.23	0	0.0
20070201:0656	0	0	0	0	0	8.3	3.17	0	0.0
20070201:0756	8.27	0	18.23	0.55	0.7	8.23	2.94	0	2.5
20070201:0856	321.49	208.18	117.09	2.77	8.02	8.16	2.7	0	95.6
20070201:0956	503.06	360.61	141.35	4.84	13.97	8.09	2.47	0	149.7
20070201:1056	635.11	471.86	167.93	6.68	18.1	9.17	2.68	0	188.9
20070201:1156	680.81	514.1	176.5	7.56	20.06	10.26	2.89	0	202.5
20070201:1256	596.5	421.59	181.8	7.06	19.63	11.34	3.1	0	177.5
20070201:1356	451.37	295.13	160.22	5.62	16.86	11.53	3.16	0	134.3
20070201:1456	170.44	82.46	100.12	2.96	12.03	11.72	3.21	0	50.7
20070201:1556	139.61	111.07	48.77	1.53	5.55	11.91	3.27	0	41.5
20070201:1656	0	0	0	0	0	11.25	3.04	0	0.0
20070201:1756	0	0	0	0	0	10.58	2.82	0	0.0
20070201:1856	0	0	0	0	0	9.91	2.59	0	0.0
20070201:1956	0	0	0	0	0	9.5	2.37	0	0.0
20070201:2056	0	0	0	0	0	9.09	2.15	0	0.0
20070201:2156	0	0	0	0	0	8.68	1.93	0	0.0
20070201:2256	0	0	0	0	0	8.6	2.08	0	0.0
20070201:2356	0	0	0	0	0	8.53	2.23	0	0.0
20070202:0056	0	0	0	0	0	8.45	2.37	0	0.0
20070202:0156	0	0	0	0	0	8.24	2.59	0	0.0
20070202:0256	0	0	0	0	0	8.04	2.8	0	0.0
20070202:0356	0	0	0	0	0	7.83	3.02	0	0.0
20070202:0456	0	0	0	0	0	7.93	3.24	0	0.0
20070202:0556	0	0	0	0	0	8.04	3.45	0	0.0
20070202:0656	0	0	0	0	0	8.14	3.67	0	0.0
20070202:0756	29.68	0	42.67	1.28	0.92	8.24	3.88	0	8.8
20070202:0856	57.67	20.73	50.72	1.4	8.26	8.35	4.08	0	17.2
20070202:0956	348.62	204.46	142.41	4.22	14.22	8.45	4.29	0	103.7
20070202:1056	672.72	493.76	174.05	6.99	18.38	8.76	4.69	0	200.1
20070202:1156	722.95	536.69	182.3	7.88	20.35	9.07	5.1	0	215.1
20070202:1256	691.05	508.88	176.43	7.69	19.92	9.38	5.5	0	205.6
20070202:1356	590.93	426.35	159.2	6.55	17.15	9.67	5.41	0	175.8
20070202:1456	400.74	280.12	121.82	4.37	12.31	9.96	5.31	0	119.2
20070202:1556	194.49	124.17	87.42	2.12	5.82	10.25	5.21	0	57.9
20070202:1656	0	0	0	0	0	8.73	4.48	0	0.0
20070202:1756	0	0	0	0	0	7.21	3.75	0	0.0
20070202:1856	0	0	0	0	0	5.7	3.02	0	0.0
20070202:1956	0	0	0	0	0	4.73	2.74	0	0.0
20070202:2056	0	0	0	0	0	3.76	2.45	0	0.0
20070202:2156	0	0	0	0	0	2.79	2.17	0	0.0
20070202:2256	0	0	0	0	0	2.04	2.35	0	0.0
20070202:2356	0	0	0	0	0	1.29	2.54	0	0.0
20070203:0056	0	0	0	0	0	0.54	2.73	0	0.0
20070203:0156	0	0	0	0	0	-0.1	2.72	0	0.0
20070203:0256	0	0	0	0	0	-0.75	2.7	0	0.0
20070203:0356	0	0	0	0	0	-1.39	2.69	0	0.0
20070203:0456	0	0	0	0	0	-1.76	2.72	0	0.0
20070203:0556	0	0	0	0	0	-2.13	2.75	0	0.0
20070203:0656	0	0	0	0	0	-2.5	2.79	0	0.0
20070203:0756	8.97	0	18.48	0.56	1.15	-1.86	2.44	0	2.7
20070203:0856	409.87	269.6	126.54	3.16	8.5	-1.22	2.09	0	121.9
20070203:0956	567.56	396.39	152.15	5.31	14.48	-0.58	1.74	0	168.8
20070203:1056	697.99	510.56	178.2	7.24	18.66	1.82	1.78	0	207.7
20070203:1156	738.43	553.87	186.4	8.15	20.64	4.22	1.83	0	219.7
20070203:1256	699.19	525.58	180.41	7.96	20.22	6.62	1.88	0	208.0
20070203:1356	611.24	450.67	165.58	6.91	17.44	7.17	1.65	0	181.8
20070203:1456	423.5	300.28	128.08	4.66	12.59	7.72	1.43	0	126.0
20070203:1556	219.55	147.21	89.94	2.27	6.09	8.27	1.2	0	65.3
20070203:1656	0	0	0	0	0	6.2	1.85	0	0.0
20070203:1756	0	0	0	0	0	4.13	2.5	0	0.0
20070203:1856	0	0	0	0	0	2.07	3.14	0	0.0
20070203:1956	0	0	0	0	0	1.1	2.99	0	0.0
20070203:2056	0	0	0	0	0	0.14	2.84	0	0.0
20070203:2156	0	0	0	0	0	-0.82	2.69	0	0.0
20070203:2256	0	0	0	0	0	-1.27	2.77	0	0.0
20070203:2356	0	0	0	0	0	-1.73	2.86	0	0.0
20070204:0056	0	0	0	0	0	-2.18	2.94	0	0.0
20070204:0156	0	0	0	0	0	-2.16	2.9	0	0.0
20070204:0256	0	0	0	0	0	-2.15	2.86	0	0.0
20070204:0356	0	0	0	0	0	-2.13	2.81	0	0.0
20070204:0456	0	0	0	0	0	-2.47	2.44	0	0.0
20070204:0556	0	0	0	0	0	-2.82	2.06	0	0.0
20070204:0656	0	0	0	0	0	-3.16	1.68	0	0.0
20070204:0756	14.09	0	24.39	0.73	1.38	-2.97	1.54	0	4.2
20070204:0856	306.04	168.4	128.76	3.07	8.75	-2.77	1.4	0	91.0
20070204:0956	567.48	394.47	151.35	5.36	14.75	-2.58	1.26	0	168.8
20070204:1056	649.16	444.55	190.17	7.05	18.94	-0.8	1.1	0	193.1
20070204:1156	625.15	405.58	210.7	7.56	20.93	0.97	0.95	0	186.0
20070204:1256	415	207.98	200.18	6.25	20.52	2.75	0.8	0	123.5
20070204:1356	368.54	194.87	171.18	5.41	17.74	4.16	0.65	0	109.6
20070204:1456	181.62	80.09	109.61	3.24	12.88	5.57	0.5	0	54.0
20070204:1556	172.66	92.93	95.29	2.35	6.36	6.98	0.34	0	51.4
20070204:1656	0	0	0	0	0	5.37	0.59	0	0.0
20070204:1756	0	0	0	0	0	3.75	0.84	0	0.0
20070204:1856	0	0	0	0	0	2.13	1.09	0	0.0
20070204:1956	0	0	0	0	0	1.46	1.55	0	0.0
20070204:2056	0	0	0	0	0	0.79	2.01	0	0.0
20070204:2156	0	0	0	0	0	0.11	2.47	0	0.0
20070204:2256	0	0	0	0	0	-0.02	2.51	0	0.0
20070204:2356	0	0	0	0	0	-0.15	2.54	0	0.0
20070205:0056	0	0	0	0	0	-0.28	2.58	0	0.0
20070205:0156	0	0	0	0	0	-0.18	2.41	0	0.0
20070205:0256	0	0	0	0	0	-0.09	2.25	0	0.0
20070205:0356	0	0	0	0	0	0.01	2.08	0	0.0
20070205:0456	0	0	0	0	0	0.08	2.41	0	0.0

20070205:0556	0	0	0	0	0	0.14	2.74	0	0.0
20070205:0656	0	0	0	0	0	0.21	3.06	0	0.0
20070205:0756	11.55	0	21.76	0.66	1.62	0.73	3.28	0	3.4
20070205:0856	134.68	59.93	81.69	2.18	9	1.26	3.49	0	40.1
20070205:0956	59.9	1.77	69.91	1.95	15.02	1.78	3.71	0	17.8
20070205:1056	65.74	0	77.64	2.16	19.23	2.93	4.04	0	19.6
20070205:1156	73.9	0	85.8	2.39	21.23	4.09	4.37	0	22.0
20070205:1256	499.19	278.45	206.08	6.81	20.82	5.24	4.7	0	148.5
20070205:1356	243.88	90.76	153.31	4.56	18.03	5.25	4.53	0	72.6
20070205:1456	348.28	215.03	129.04	4.31	13.17	5.27	4.36	0	103.6
20070205:1556	84.17	33.42	64.76	1.75	6.64	5.28	4.19	0	25.0
20070205:1656	0	0	0	0	0	4.14	3.71	0	0.0
20070205:1756	0	0	0	0	0	3	3.22	0	0.0
20070205:1856	0	0	0	0	0	1.87	2.73	0	0.0
20070205:1956	0	0	0	0	0	1.14	2.58	0	0.0
20070205:2056	0	0	0	0	0	0.42	2.44	0	0.0
20070205:2156	0	0	0	0	0	-0.3	2.29	0	0.0
20070205:2256	0	0	0	0	0	-0.73	2.28	0	0.0
20070205:2356	0	0	0	0	0	-1.17	2.27	0	0.0
20070206:0056	0	0	0	0	0	-1.6	2.26	0	0.0
20070206:0156	0	0	0	0	0	-1.92	2.17	0	0.0
20070206:0256	0	0	0	0	0	-2.24	2.09	0	0.0
20070206:0356	0	0	0	0	0	-2.56	2	0	0.0
20070206:0456	0	0	0	0	0	-2.98	1.99	0	0.0
20070206:0556	0	0	0	0	0	-3.39	1.97	0	0.0
20070206:0656	0	0	0	0	0	-3.81	1.96	0	0.0
20070206:0756	12.87	0	22.97	0.69	1.86	-3.37	2.24	0	3.8
20070206:0856	384.6	234.53	133.59	3.37	9.26	-2.94	2.53	0	114.4
20070206:0956	253.86	106.99	139.06	3.99	15.3	-2.5	2.81	0	75.5
20070206:1056	516.85	289.62	203.97	6.51	19.52	-0.66	2.72	0	153.8
20070206:1156	783.15	578.03	191.04	8.66	21.54	1.17	2.63	0	233.0
20070206:1256	743.19	549.3	185.01	8.47	21.13	3.01	2.54	0	221.1
20070206:1356	632.58	453.35	165.19	7.17	18.33	2.98	2.74	0	188.2
20070206:1456	443.95	305.08	129.16	4.93	13.46	2.95	2.94	0	132.1
20070206:1556	220.14	132.02	97.57	2.56	6.91	2.92	3.14	0	65.5
20070206:1656	0	0	0	0	0	1.14	3.14	0	0.0
20070206:1756	0	0	0	0	0	-0.64	3.14	0	0.0
20070206:1856	0	0	0	0	0	-2.41	3.13	0	0.0
20070206:1956	0	0	0	0	0	-3.13	2.92	0	0.0
20070206:2056	0	0	0	0	0	-3.85	2.72	0	0.0
20070206:2156	0	0	0	0	0	-4.57	2.51	0	0.0
20070206:2256	0	0	0	0	0	-4.59	2.46	0	0.0
20070206:2356	0	0	0	0	0	-4.62	2.42	0	0.0
20070207:0056	0	0	0	0	0	-4.64	2.37	0	0.0
20070207:0156	0	0	0	0	0	-4.53	2.34	0	0.0
20070207:0256	0	0	0	0	0	-4.41	2.31	0	0.0
20070207:0356	0	0	0	0	0	-4.3	2.28	0	0.0
20070207:0456	0	0	0	0	0	-4.29	2.27	0	0.0
20070207:0556	0	0	0	0	0	-4.27	2.27	0	0.0
20070207:0656	0	0	0	0	0	-4.26	2.26	0	0.0
20070207:0756	12.63	0	22.72	0.63	2.11	-3.65	2.67	0	3.8
20070207:0856	447.05	292.73	132.67	3.6	9.52	-3.04	3.07	0	133.0
20070207:0956	619.18	426.44	159.95	5.9	15.58	-2.43	3.48	0	184.2
20070207:1056	753.33	541.13	184.59	7.87	19.82	-0.69	3.34	0	224.1
20070207:1156	795.75	584.75	192.25	8.82	21.84	1.04	3.21	0	236.7
20070207:1256	755.33	555.79	186.26	8.62	21.44	2.78	3.08	0	224.7
20070207:1356	649.24	465.59	168.16	7.39	18.64	2.79	2.97	0	193.1
20070207:1456	458.21	315.64	132.27	5.12	13.75	2.8	2.86	0	136.3
20070207:1556	252.83	166.14	95.69	2.71	7.19	2.81	2.76	0	75.2
20070207:1656	0	0	0	0	0	0.95	2.79	0	0.0
20070207:1756	0	0	0	0	0	-0.92	2.82	0	0.0
20070207:1856	0	0	0	0	0	-2.79	2.86	0	0.0
20070207:1956	0	0	0	0	0	-3.53	2.51	0	0.0
20070207:2056	0	0	0	0	0	-4.28	2.16	0	0.0
20070207:2156	0	0	0	0	0	-5.03	1.81	0	0.0
20070207:2256	0	0	0	0	0	-4.33	2.04	0	0.0
20070207:2356	0	0	0	0	0	-3.63	2.28	0	0.0
20070208:0056	0	0	0	0	0	-2.93	2.51	0	0.0
20070208:0156	0	0	0	0	0	-2.17	3.25	0	0.0
20070208:0256	0	0	0	0	0	-1.4	3.98	0	0.0
20070208:0356	0	0	0	0	0	-0.64	4.72	0	0.0
20070208:0456	0	0	0	0	0	-0.48	5.45	0	0.0
20070208:0556	0	0	0	0	0	-0.31	6.19	0	0.0
20070208:0656	0	0	0	0	0	-0.15	6.92	0	0.0
20070208:0756	1.13	0	7.59	0.21	2.36	0.01	7.13	0	0.3
20070208:0856	10.34	0	20.31	0.56	9.79	0.18	7.34	0	3.1
20070208:0956	9.07	0	18.77	0.52	15.87	0.34	7.54	0	2.7
20070208:1056	19.11	0	30.36	0.84	20.12	0.72	6.5	0	5.7
20070208:1156	33.05	0	45.05	1.25	22.16	1.1	5.45	0	9.8
20070208:1256	33.19	0	45.27	1.26	21.75	1.48	4.4	0	9.9
20070208:1356	3.17	0	10.92	0.3	18.95	1.29	3.29	0	0.9
20070208:1456	18.65	0	29.92	0.83	14.04	1.09	2.18	0	5.5
20070208:1556	7.87	0	17.33	0.48	7.47	0.9	1.08	0	2.3
20070208:1656	0	0	0	0	0	0.4	1.23	0	0.0
20070208:1756	0	0	0	0	0	-0.1	1.38	0	0.0
20070208:1856	0	0	0	0	0	-0.61	1.53	0	0.0
20070208:1956	0	0	0	0	0	-1.09	1.75	0	0.0
20070208:2056	0	0	0	0	0	-1.57	1.96	0	0.0
20070208:2156	0	0	0	0	0	-2.06	2.18	0	0.0
20070208:2256	0	0	0	0	0	-2.35	2.22	0	0.0
20070208:2356	0	0	0	0	0	-2.64	2.25	0	0.0
20070209:0056	0	0	0	0	0	-2.93	2.29	0	0.0
20070209:0156	0	0	0	0	0	-3.29	2.14	0	0.0
20070209:0256	0	0	0	0	0	-3.65	2	0	0.0
20070209:0356	0	0	0	0	0	-4.01	1.85	0	0.0
20070209:0456	0	0	0	0	0	-4.19	1.98	0	0.0
20070209:0556	0	0	0	0	0	-4.38	2.11	0	0.0
20070209:0656	0	0	0	0	0	-4.56	2.25	0	0.0
20070209:0756	3.89	0	11.8	0.33	2.62	-3.67	2.22	0	1.2
20070209:0856	18.34	0	29.17	0.81	10.07	-2.78	2.19	0	5.5
20070209:0956	51.53	0	62.77	1.75	16.16	-1.89	2.17	0	15.3
20070209:1056	41.15	0	52.99	1.47	20.43	-0.24	2.57	0	12.2
20070209:1156	44.58	0	56.72	1.58	22.48	1.41	2.98	0	13.3
20070209:1256	30.95	0	43.25	1.2	22.07	3.06	3.39	0	9.2
20070209:1356	11.89	0	22.37	0.62	19.26	3.01	4.33	0	3.5
20070209:1456	27.58	0	39.7	1.1	14.34	2.97	5.27	0	8.2
20070209:1556	15.72	0	26.8	0.75	7.76	2.92	6.21	0	4.7

20070209:1656	0	0	0	0	0	2.74	6.56	0	0.0
20070209:1756	0	0	0	0	0	2.56	6.91	0	0.0
20070209:1856	0	0	0	0	0	2.38	7.27	0	0.0
20070209:1956	0	0	0	0	0	2.46	7.55	0	0.0
20070209:2056	0	0	0	0	0	2.55	7.84	0	0.0
20070209:2156	0	0	0	0	0	2.63	8.12	0	0.0
20070209:2256	0	0	0	0	0	3.06	8.14	0	0.0
20070209:2356	0	0	0	0	0	3.48	8.15	0	0.0
20070210:0056	0	0	0	0	0	3.91	8.17	0	0.0
20070210:0156	0	0	0	0	0	3.72	7.66	0	0.0
20070210:0256	0	0	0	0	0	3.52	7.14	0	0.0
20070210:0356	0	0	0	0	0	3.33	6.63	0	0.0
20070210:0456	0	0	0	0	0	3.48	6.21	0	0.0
20070210:0556	0	0	0	0	0	3.62	5.79	0	0.0
20070210:0656	0	0	0	0	0	3.77	5.37	0	0.0
20070210:0756	9.56	0.43	19.22	0.53	2.88	4.08	5.46	0	2.8
20070210:0856	10.74	0	21.1	0.59	10.35	4.4	5.55	0	3.2
20070210:0956	46.83	0	59.61	1.66	16.46	4.71	5.64	0	13.9
20070210:1056	53.2	0	65.97	1.83	20.74	4.98	5.74	0	15.8
20070210:1156	89.56	0.46	100.56	2.8	22.8	5.25	5.84	0	26.6
20070210:1256	56.19	0	69.04	1.92	22.39	5.52	5.94	0	16.7
20070210:1356	137.95	20.32	126.18	3.61	19.57	5.85	5.42	0	41.0
20070210:1456	38.54	0	51.59	1.43	14.64	6.18	4.9	0	11.5
20070210:1556	31.73	1.17	43.52	1.21	8.04	6.51	4.37	0	9.4
20070210:1656	4.08	0	12.44	0.37	0.23	6.28	4.07	0	1.2
20070210:1756	0	0	0	0	0	6.04	3.77	0	0.0
20070210:1856	0	0	0	0	0	5.8	3.46	0	0.0
20070210:1956	0	0	0	0	0	5.68	3.34	0	0.0
20070210:2056	0	0	0	0	0	5.56	3.21	0	0.0
20070210:2156	0	0	0	0	0	5.44	3.09	0	0.0
20070210:2256	0	0	0	0	0	5.78	3.52	0	0.0
20070210:2356	0	0	0	0	0	6.12	3.94	0	0.0
20070211:0056	0	0	0	0	0	6.46	4.37	0	0.0
20070211:0156	0	0	0	0	0	6.69	5.37	0	0.0
20070211:0256	0	0	0	0	0	6.91	6.38	0	0.0
20070211:0356	0	0	0	0	0	7.14	7.38	0	0.0
20070211:0456	0	0	0	0	0	7.18	7.21	0	0.0
20070211:0556	0	0	0	0	0	7.22	7.04	0	0.0
20070211:0656	0	0	0	0	0	7.26	6.87	0	0.0
20070211:0756	73.55	53.19	35.58	0.91	3.15	6.8	6.75	0	21.9
20070211:0856	14.6	0	25.84	0.72	10.63	6.34	6.63	0	4.3
20070211:0956	31.47	0	44.22	1.23	16.76	5.88	6.51	0	9.4
20070211:1056	149.87	21.77	136.15	3.88	21.06	6.81	6.92	0	44.6
20070211:1156	577.47	337.83	223.62	7.79	23.12	7.75	7.34	0	171.8
20070211:1256	749.19	551.38	182.8	8.88	22.72	8.68	7.75	0	222.9
20070211:1356	295.38	121.56	173.18	5.33	19.89	8.92	7.54	0	87.9
20070211:1456	447.82	312.25	130.36	5.37	14.95	9.17	7.32	0	133.2
20070211:1556	144.56	78.74	80.57	2.36	8.33	9.41	7.1	0	43.0
20070211:1656	8.03	0	17.95	0.54	0.51	8.73	6.62	0	2.4
20070211:1756	0	0	0	0	0	8.05	6.13	0	0.0
20070211:1856	0	0	0	0	0	7.38	5.64	0	0.0
20070211:1956	0	0	0	0	0	7.23	5.74	0	0.0
20070211:2056	0	0	0	0	0	7.09	5.84	0	0.0
20070211:2156	0	0	0	0	0	6.95	5.94	0	0.0
20070211:2256	0	0	0	0	0	6.71	5.76	0	0.0
20070211:2356	0	0	0	0	0	6.47	5.58	0	0.0
20070212:0056	0	0	0	0	0	6.23	5.39	0	0.0
20070212:0156	0	0	0	0	0	6.36	5.87	0	0.0
20070212:0256	0	0	0	0	0	6.49	6.34	0	0.0
20070212:0356	0	0	0	0	0	6.62	6.81	0	0.0
20070212:0456	0	0	0	0	0	6.8	6.75	0	0.0
20070212:0556	0	0	0	0	0	6.99	6.69	0	0.0
20070212:0656	0	0	0	0	0	7.17	6.62	0	0.0
20070212:0756	75.81	64.19	27.24	0.76	3.43	7.02	6.46	0	22.6
20070212:0856	51.57	7.18	57.66	1.62	10.92	6.86	6.31	0	15.3
20070212:0956	526.34	343.23	168.58	5.91	17.06	6.71	6.15	0	156.6
20070212:1056	413.83	204.55	200.71	6.3	21.38	7.41	5.65	0	123.1
20070212:1156	88.09	0.23	100.62	2.8	23.45	8.12	5.15	0	26.2
20070212:1256	247.79	71.5	179.86	5.33	23.05	8.82	4.65	0	73.7
20070212:1356	72.14	0.22	85.35	2.37	20.21	8.57	5.55	0	21.5
20070212:1456	173.22	62.05	119.19	3.57	15.25	8.31	6.45	0	51.5
20070212:1556	101.42	37.41	78.03	2.22	8.62	8.06	7.35	0	30.2
20070212:1656	10.24	0	20.66	0.62	0.78	7.49	7.83	0	3.0
20070212:1756	0	0	0	0	0	6.92	8.3	0	0.0
20070212:1856	0	0	0	0	0	6.36	8.77	0	0.0
20070212:1956	0	0	0	0	0	6.18	8.66	0	0.0
20070212:2056	0	0	0	0	0	6	8.55	0	0.0
20070212:2156	0	0	0	0	0	5.82	8.44	0	0.0
20070212:2256	0	0	0	0	0	5.82	8.21	0	0.0
20070212:2356	0	0	0	0	0	5.83	7.97	0	0.0
20070213:0056	0	0	0	0	0	5.83	7.74	0	0.0
20070213:0156	0	0	0	0	0	6.04	7.74	0	0.0
20070213:0256	0	0	0	0	0	6.24	7.75	0	0.0
20070213:0356	0	0	0	0	0	6.45	7.75	0	0.0
20070213:0456	0	0	0	0	0	6.33	7.92	0	0.0
20070213:0556	0	0	0	0	0	6.2	8.08	0	0.0
20070213:0656	0	0	0	0	0	6.08	8.25	0	0.0
20070213:0756	83.52	55.87	42.19	1.08	3.7	6.09	8.06	0	24.8
20070213:0856	242.06	133.47	109.58	3.11	11.22	6.09	7.88	0	72.0
20070213:0956	628.38	443.92	162.79	6.54	17.37	6.1	7.7	0	186.9
20070213:1056	611.2	375.57	215.16	7.67	21.71	6.48	7.57	0	181.8
20070213:1156	700.38	455.87	224.23	8.8	23.79	6.85	7.45	0	208.4
20070213:1256	221.22	49.01	175.07	5.1	23.38	7.23	7.32	0	65.8
20070213:1356	113.01	7.33	116.76	3.29	20.53	7.56	6.54	0	33.6
20070213:1456	47.75	0	61.28	1.7	15.56	7.9	5.75	0	14.2
20070213:1556	159.12	79.67	92.82	2.7	8.91	8.23	4.97	0	47.3
20070213:1656	11.46	0	22.16	0.67	1.06	7.52	4.47	0	3.4
20070213:1756	0	0	0	0	0	6.81	3.97	0	0.0
20070213:1856	0	0	0	0	0	6.09	3.48	0	0.0
20070213:1956	0	0	0	0	0	6.18	4.35	0	0.0
20070213:2056	0	0	0	0	0	6.27	5.22	0	0.0
20070213:2156	0	0	0	0	0	6.35	6.1	0	0.0
20070213:2256	0	0	0	0	0	6.6	6.65	0	0.0
20070213:2356	0	0	0	0	0	6.86	7.2	0	0.0
20070214:0056	0	0	0	0	0	7.11	7.75	0	0.0
20070214:0156	0	0	0	0	0	7.42	7.2	0	0.0
20070214:0256	0	0	0	0	0	7.74	6.64	0	0.0

20070214:0356	0	0	0	0	0	8.05	6.08	0	0.0
20070214:0456	0	0	0	0	0	7.88	5.09	0	0.0
20070214:0556	0	0	0	0	0	7.7	4.11	0	0.0
20070214:0656	0	0	0	0	0	7.53	3.12	0	0.0
20070214:0756	62.71	38.78	39.05	1.03	3.99	7.34	3.01	0	18.7
20070214:0856	33.75	0.48	46.39	1.29	11.51	7.16	2.9	0	10.0
20070214:0956	107.06	13.05	105.5	2.98	17.69	6.97	2.79	0	31.9
20070214:1056	131.13	10.51	130.6	3.68	22.04	7.04	4.18	0	39.0
20070214:1156	122.2	3.99	128.66	3.6	24.13	7.12	5.58	0	36.4
20070214:1256	281.87	85.65	194.51	5.8	23.72	7.19	6.98	0	83.9
20070214:1356	645.6	445	184.46	8.08	20.86	7.57	6.98	0	192.1
20070214:1456	492.62	344.25	139.46	6.01	15.87	7.96	6.98	0	146.6
20070214:1556	126.16	54.36	85.45	2.48	9.2	8.34	6.98	0	37.5
20070214:1656	11.88	0	22.65	0.68	1.34	7.22	6.17	0	3.5
20070214:1756	0	0	0	0	0	6.09	5.36	0	0.0
20070214:1856	0	0	0	0	0	4.97	4.55	0	0.0
20070214:1956	0	0	0	0	0	4.02	3.99	0	0.0
20070214:2056	0	0	0	0	0	3.08	3.43	0	0.0
20070214:2156	0	0	0	0	0	2.14	2.87	0	0.0
20070214:2256	0	0	0	0	0	1.96	2.75	0	0.0
20070214:2356	0	0	0	0	0	1.78	2.64	0	0.0
20070215:0056	0	0	0	0	0	1.6	2.52	0	0.0
20070215:0156	0	0	0	0	0	1.87	2.87	0	0.0
20070215:0256	0	0	0	0	0	2.14	3.21	0	0.0
20070215:0356	0	0	0	0	0	2.41	3.56	0	0.0
20070215:0456	0	0	0	0	0	2.58	4.12	0	0.0
20070215:0556	0	0	0	0	0	2.74	4.68	0	0.0
20070215:0656	0	0	0	0	0	2.91	5.24	0	0.0
20070215:0756	62.74	39.91	36.75	0.99	4.27	3.8	5.94	0	18.7
20070215:0856	38.1	0.62	50.19	1.4	11.82	4.68	6.65	0	11.3
20070215:0956	593.27	392.25	179.53	6.62	18.01	5.57	7.35	0	176.5
20070215:1056	337.95	130.62	201.14	6.06	22.37	7.19	7.85	0	100.5
20070215:1156	683.99	432.95	234.91	8.97	24.47	8.81	8.34	0	203.5
20070215:1256	163.45	17.74	155.2	4.42	24.06	10.43	8.84	0	48.6
20070215:1356	15.01	0	26.71	0.74	21.19	10.53	8.77	0	4.5
20070215:1456	74.44	3.55	84.87	2.38	16.18	10.64	8.69	0	22.1
20070215:1556	119.9	55.32	79.71	2.38	9.5	10.74	8.62	0	35.7
20070215:1656	0.74	0	7.06	0.2	1.62	9.88	8.59	0	0.2
20070215:1756	0	0	0	0	0	9.01	8.57	0	0.0
20070215:1856	0	0	0	0	0	8.15	8.54	0	0.0
20070215:1956	0	0	0	0	0	7.99	8.54	0	0.0
20070215:2056	0	0	0	0	0	7.84	8.54	0	0.0
20070215:2156	0	0	0	0	0	7.69	8.54	0	0.0
20070215:2256	0	0	0	0	0	7.88	8.66	0	0.0
20070215:2356	0	0	0	0	0	8.07	8.78	0	0.0
20070216:0056	0	0	0	0	0	8.26	8.9	0	0.0
20070216:0156	0	0	0	0	0	7.89	8.05	0	0.0
20070216:0256	0	0	0	0	0	7.53	7.2	0	0.0
20070216:0356	0	0	0	0	0	7.16	6.36	0	0.0
20070216:0456	0	0	0	0	0	6.97	5.96	0	0.0
20070216:0556	0	0	0	0	0	6.77	5.56	0	0.0
20070216:0656	0	0	0	0	0	6.58	5.16	0	0.0
20070216:0756	10.57	0.56	20.51	0.57	4.57	6.48	5.04	0	3.1
20070216:0856	32.88	0.15	45.64	1.27	12.12	6.39	4.93	0	9.8
20070216:0956	121.98	18.71	113.2	3.22	18.33	6.29	4.81	0	36.3
20070216:1056	82.77	0.23	95.09	2.65	22.71	7.05	5.08	0	24.6
20070216:1156	92.16	0.22	104.39	2.9	24.81	7.81	5.34	0	27.4
20070216:1256	50.03	0	63.74	1.77	24.4	8.57	5.6	0	14.9
20070216:1356	4.16	0	12.68	0.35	21.52	8.84	5.17	0	1.2
20070216:1456	43.3	0	57.07	1.59	16.49	9.11	4.74	0	12.9
20070216:1556	33.29	0.99	45.82	1.28	9.79	9.38	4.3	0	9.9
20070216:1656	6.72	0	16.27	0.45	1.9	8.99	3.93	0	2.0
20070216:1756	0	0	0	0	0	8.6	3.56	0	0.0
20070216:1856	0	0	0	0	0	8.2	3.19	0	0.0
20070216:1956	0	0	0	0	0	7.79	3	0	0.0
20070216:2056	0	0	0	0	0	7.38	2.81	0	0.0
20070216:2156	0	0	0	0	0	6.97	2.62	0	0.0
20070216:2256	0	0	0	0	0	6.5	2.55	0	0.0
20070216:2356	0	0	0	0	0	6.03	2.48	0	0.0
20070217:0056	0	0	0	0	0	5.56	2.41	0	0.0
20070217:0156	0	0	0	0	0	4.72	2.18	0	0.0
20070217:0256	0	0	0	0	0	3.87	1.94	0	0.0
20070217:0356	0	0	0	0	0	3.03	1.71	0	0.0
20070217:0456	0	0	0	0	0	3.2	1.72	0	0.0
20070217:0556	0	0	0	0	0	3.37	1.73	0	0.0
20070217:0656	0	0	0	0	0	3.54	1.74	0	0.0
20070217:0756	75.6	47.56	42.03	1.14	4.86	4.11	2.12	0	22.5
20070217:0856	410.53	283.76	120.99	4.17	12.44	4.67	2.5	0	122.1
20070217:0956	615.28	444.85	161.16	6.87	18.66	5.24	2.88	0	183.0
20070217:1056	617.75	399.9	212.74	8.09	23.05	6.75	2.89	0	183.8
20070217:1156	145.14	10.2	145.17	4.1	25.16	8.25	2.9	0	43.2
20070217:1256	130.36	6.49	135.81	3.82	24.75	9.76	2.91	0	38.8
20070217:1356	201.14	49.37	159.53	4.71	21.85	9.5	3.23	0	59.8
20070217:1456	48.63	0	62.55	1.74	16.81	9.23	3.54	0	14.5
20070217:1556	138.84	63.6	89.29	2.7	10.09	8.97	3.86	0	41.3
20070217:1656	15.07	0	26.58	0.74	2.18	8.34	3.94	0	4.5
20070217:1756	0	0	0	0	0	7.7	4.03	0	0.0
20070217:1856	0	0	0	0	0	7.07	4.11	0	0.0
20070217:1956	0	0	0	0	0	6.61	4.09	0	0.0
20070217:2056	0	0	0	0	0	6.16	4.07	0	0.0
20070217:2156	0	0	0	0	0	5.7	4.06	0	0.0
20070217:2256	0	0	0	0	0	5.57	3.99	0	0.0
20070217:2356	0	0	0	0	0	5.43	3.92	0	0.0
20070218:0056	0	0	0	0	0	5.3	3.85	0	0.0
20070218:0156	0	0	0	0	0	4.91	3.22	0	0.0
20070218:0256	0	0	0	0	0	4.52	2.59	0	0.0
20070218:0356	0	0	0	0	0	4.13	1.96	0	0.0
20070218:0456	0	0	0	0	0	4.18	2.43	0	0.0
20070218:0556	0	0	0	0	0	4.24	2.91	0	0.0
20070218:0656	0	0	0	0	0	4.29	3.38	0	0.0
20070218:0756	20.51	4.25	28.27	0.79	5.16	4.57	3.66	0	6.1
20070218:0856	197.05	91.59	109.64	3.19	12.75	4.85	3.94	0	58.6
20070218:0956	136.37	22.22	122.53	3.5	18.99	5.13	4.22	0	40.6
20070218:1056	76.66	0	89.18	2.48	23.4	6.13	4.11	0	22.8
20070218:1156	66.21	0	79.4	2.21	25.52	7.14	4	0	19.7
20070218:1256	88.88	0	101.72	2.83	25.09	8.14	3.89	0	26.4
20070218:1356	103.76	2.89	113.07	3.17	22.19	8.06	3.37	0	30.9

20070218:1456	50.3	0	63.96	1.78	17.13	7.99	2.85	0	15.0
20070218:1556	59.39	11.96	61.62	1.77	10.39	7.91	2.33	0	17.7
20070218:1656	12.67	1.33	22.71	0.64	2.46	7.34	2.1	0	3.8
20070218:1756	0	0	0	0	0	6.76	1.87	0	0.0
20070218:1856	0	0	0	0	0	6.18	1.64	0	0.0
20070218:1956	0	0	0	0	0	5.78	1.88	0	0.0
20070218:2056	0	0	0	0	0	5.38	2.11	0	0.0
20070218:2156	0	0	0	0	0	4.97	2.34	0	0.0
20070218:2256	0	0	0	0	0	4.98	2.46	0	0.0
20070218:2356	0	0	0	0	0	5	2.58	0	0.0
20070219:0056	0	0	0	0	0	5.01	2.7	0	0.0
20070219:0156	0	0	0	0	0	5.07	2.94	0	0.0
20070219:0256	0	0	0	0	0	5.14	3.17	0	0.0
20070219:0356	0	0	0	0	0	5.2	3.41	0	0.0
20070219:0456	0	0	0	0	0	5.42	3.58	0	0.0
20070219:0556	0	0	0	0	0	5.64	3.76	0	0.0
20070219:0656	0	0	0	0	0	5.86	3.93	0	0.0
20070219:0756	22.8	5.46	29.81	0.83	5.47	6.2	4.09	0	6.8
20070219:0856	0.47	0	6.45	0.18	13.07	6.54	4.24	0	0.1
20070219:0956	39.72	0	52.95	1.47	19.33	6.88	4.4	0	11.8
20070219:1056	312.19	111.4	198.74	6.01	23.75	7.66	5.01	0	92.9
20070219:1156	114.03	1.47	124.19	3.46	25.87	8.43	5.61	0	33.9
20070219:1256	137.03	6.87	140.84	3.96	25.44	9.21	6.22	0	40.8
20070219:1356	90.61	0.82	102.9	2.87	22.52	9.32	5.89	0	27.0
20070219:1456	87.52	5.95	94.85	2.68	17.44	9.44	5.55	0	26.0
20070219:1556	37.84	2.18	49.46	1.39	10.69	9.55	5.21	0	11.3
20070219:1656	13.88	1.6	24.09	0.68	2.74	9.12	5.13	0	4.1
20070219:1756	0	0	0	0	0	8.68	5.04	0	0.0
20070219:1856	0	0	0	0	0	8.24	4.95	0	0.0
20070219:1956	0	0	0	0	0	8.11	5.17	0	0.0
20070219:2056	0	0	0	0	0	7.97	5.39	0	0.0
20070219:2156	0	0	0	0	0	7.83	5.61	0	0.0
20070219:2256	0	0	0	0	0	7.87	5.79	0	0.0
20070219:2356	0	0	0	0	0	7.9	5.96	0	0.0
20070220:0056	0	0	0	0	0	7.94	6.14	0	0.0
20070220:0156	0	0	0	0	0	8.13	6.09	0	0.0
20070220:0256	0	0	0	0	0	8.31	6.05	0	0.0
20070220:0356	0	0	0	0	0	8.5	6	0	0.0
20070220:0456	0	0	0	0	0	8.59	5.64	0	0.0
20070220:0556	0	0	0	0	0	8.69	5.27	0	0.0
20070220:0656	0	0	0	0	0	8.78	4.91	0	0.0
20070220:0756	13.46	0	24.74	0.69	5.78	8.94	4.61	0	4.0
20070220:0856	20.17	0	32.5	0.9	13.39	9.09	4.31	0	6.0
20070220:0956	18.21	0	30.31	0.84	19.67	9.25	4.01	0	5.4
20070220:1056	63.78	0	77.82	2.16	24.1	9.75	4.26	0	19.0
20070220:1156	33.23	0	46.85	1.3	26.23	10.24	4.5	0	9.9
20070220:1256	69.03	0	83.3	2.32	25.8	10.74	4.74	0	20.5
20070220:1356	47.64	0	61.89	1.72	22.86	10.74	4.17	0	14.2
20070220:1456	53.89	0	68.26	1.9	17.76	10.74	3.6	0	16.0
20070220:1556	0.44	0	6.45	0.18	10.99	10.74	3.03	0	0.1
20070220:1656	4.6	0	13.38	0.37	3.03	10.16	2.91	0	1.4
20070220:1756	0	0	0	0	0	9.58	2.8	0	0.0
20070220:1856	0	0	0	0	0	9.01	2.68	0	0.0
20070220:1956	0	0	0	0	0	8.8	2.81	0	0.0
20070220:2056	0	0	0	0	0	8.6	2.94	0	0.0
20070220:2156	0	0	0	0	0	8.39	3.08	0	0.0
20070220:2256	0	0	0	0	0	8.31	3.08	0	0.0
20070220:2356	0	0	0	0	0	8.23	3.08	0	0.0
20070221:0056	0	0	0	0	0	8.15	3.08	0	0.0
20070221:0156	0	0	0	0	0	8.12	3.29	0	0.0
20070221:0256	0	0	0	0	0	8.09	3.51	0	0.0
20070221:0356	0	0	0	0	0	8.06	3.72	0	0.0
20070221:0456	0	0	0	0	0	7.96	3.74	0	0.0
20070221:0556	0	0	0	0	0	7.86	3.76	0	0.0
20070221:0656	0	0	0	0	0	7.76	3.78	0	0.0
20070221:0756	115.41	54.01	75.08	1.85	6.09	7.79	4.34	0	34.3
20070221:0856	454.34	317.49	131.07	4.83	13.72	7.83	4.9	0	135.2
20070221:0956	660.36	480.16	168.96	7.62	20.01	7.86	5.46	0	196.5
20070221:1056	282.06	84.99	197.25	5.88	24.46	8.31	5.89	0	83.9
20070221:1156	86.48	0	99.49	2.77	26.59	8.76	6.31	0	25.7
20070221:1256	108.08	0.6	119.71	3.33	26.15	9.21	6.73	0	32.2
20070221:1356	268.41	83.14	187.63	5.71	23.2	9.61	6.57	0	79.9
20070221:1456	455.91	298.07	154.18	6.43	18.08	10.01	6.42	0	135.6
20070221:1556	63.19	10.93	66.9	1.93	11.29	10.41	6.26	0	18.8
20070221:1656	31.18	17.49	31.78	0.96	3.31	9.49	5.31	0	9.3
20070221:1756	0	0	0	0	0	8.56	4.37	0	0.0
20070221:1856	0	0	0	0	0	7.64	3.42	0	0.0
20070221:1956	0	0	0	0	0	7.38	3.65	0	0.0
20070221:2056	0	0	0	0	0	7.13	3.87	0	0.0
20070221:2156	0	0	0	0	0	6.88	4.1	0	0.0
20070221:2256	0	0	0	0	0	6.98	4.37	0	0.0
20070221:2356	0	0	0	0	0	7.08	4.65	0	0.0
20070222:0056	0	0	0	0	0	7.18	4.92	0	0.0
20070222:0156	0	0	0	0	0	7.17	5.07	0	0.0
20070222:0256	0	0	0	0	0	7.15	5.22	0	0.0
20070222:0356	0	0	0	0	0	7.14	5.37	0	0.0
20070222:0456	0	0	0	0	0	7.24	5.79	0	0.0
20070222:0556	0	0	0	0	0	7.35	6.22	0	0.0
20070222:0656	0	0	0	0	0	7.45	6.65	0	0.0
20070222:0756	10.64	1.23	20.02	0.56	6.41	7.55	6.92	0	3.2
20070222:0856	125.71	37.78	98.24	2.84	14.05	7.65	7.2	0	37.4
20070222:0956	34.41	0	47.59	1.32	20.36	7.75	7.48	0	10.2
20070222:1056	25.07	0	37.72	1.05	24.82	7.9	7.66	0	7.5
20070222:1156	30.97	0	44.04	1.22	26.96	8.06	7.83	0	9.2
20070222:1256	25.93	0	38.69	1.08	26.51	8.21	8.01	0	7.7
20070222:1356	21.47	0	33.86	0.94	23.55	8.52	7.83	0	6.4
20070222:1456	8.13	0	18.12	0.5	18.4	8.84	7.64	0	2.4
20070222:1556	0	0	5.4	0.15	11.59	9.15	7.45	0	0.0
20070222:1656	2.98	0.31	10.67	0.3	3.6	9.1	7.06	0	0.9
20070222:1756	0	0	0	0	0	9.05	6.68	0	0.0
20070222:1856	0	0	0	0	0	9.01	6.29	0	0.0
20070222:1956	0	0	0	0	0	8.71	6.02	0	0.0
20070222:2056	0	0	0	0	0	8.42	5.76	0	0.0
20070222:2156	0	0	0	0	0	8.13	5.49	0	0.0
20070222:2256	0	0	0	0	0	7.91	5.47	0	0.0
20070222:2356	0	0	0	0	0	7.7	5.45	0	0.0
20070223:0056	0	0	0	0	0	7.48	5.43	0	0.0

20070223:0156	0	0	0	0	0	7.46	5.57	0	0.0
20070223:0256	0	0	0	0	0	7.44	5.7	0	0.0
20070223:0356	0	0	0	0	0	7.42	5.83	0	0.0
20070223:0456	0	0	0	0	0	7.53	5.71	0	0.0
20070223:0556	0	0	0	0	0	7.63	5.6	0	0.0
20070223:0656	0	0	0	0	0	7.74	5.48	0	0.0
20070223:0756	47.25	7.08	53.96	1.49	6.73	7.88	5.69	0	14.1
20070223:0856	172.23	65.91	114.06	3.34	14.39	8.03	5.9	0	51.2
20070223:0956	238.16	76.46	164.53	4.89	20.71	8.17	6.11	0	70.9
20070223:1056	114.34	2.11	124	3.46	25.18	8.94	6.7	0	34.0
20070223:1156	120.53	1.41	130.94	3.65	27.32	9.71	7.3	0	35.9
20070223:1256	142.63	6.2	147.4	4.15	26.87	10.48	7.89	0	42.4
20070223:1356	15.76	0	27.59	0.77	23.89	10.46	7.83	0	4.7
20070223:1456	47.88	0	61.98	1.72	18.73	10.43	7.78	0	14.2
20070223:1556	80.48	19.02	76.04	2.23	11.89	10.41	7.72	0	23.9
20070223:1656	17.46	2.32	27.8	0.79	3.88	9.9	7.14	0	5.2
20070223:1756	0	0	0	0	0	9.38	6.56	0	0.0
20070223:1856	0	0	0	0	0	8.86	5.97	0	0.0
20070223:1956	0	0	0	0	0	8.65	6.03	0	0.0
20070223:2056	0	0	0	0	0	8.44	6.09	0	0.0
20070223:2156	0	0	0	0	0	8.22	6.15	0	0.0
20070223:2256	0	0	0	0	0	8.18	6.1	0	0.0
20070223:2356	0	0	0	0	0	8.14	6.04	0	0.0
20070224:0056	0	0	0	0	0	8.1	5.99	0	0.0
20070224:0156	0	0	0	0	0	8.07	5.74	0	0.0
20070224:0256	0	0	0	0	0	8.03	5.5	0	0.0
20070224:0356	0	0	0	0	0	8	5.26	0	0.0
20070224:0456	0	0	0	0	0	7.93	4.36	0	0.0
20070224:0556	0	0	0	0	0	7.86	3.46	0	0.0
20070224:0656	0	0	0	0	0	7.79	2.57	0	0.0
20070224:0756	59	12.46	60.66	1.66	7.05	8.03	2.9	0	17.6
20070224:0856	40.86	0	54.44	1.51	14.73	8.28	3.23	0	12.2
20070224:0956	84.64	1.01	96.79	2.7	21.06	8.52	3.56	0	25.2
20070224:1056	332.82	118.45	214.18	6.56	25.55	9.18	4.21	0	99.0
20070224:1156	83.98	0	97.6	2.71	27.69	9.85	4.86	0	25.0
20070224:1256	294.83	83.06	214.32	6.48	27.24	10.51	5.52	0	87.7
20070224:1356	39.72	0	53.65	1.49	24.23	10.42	5.72	0	11.8
20070224:1456	100.42	7.19	106.37	3.01	19.05	10.32	5.93	0	29.9
20070224:1556	118.83	43.37	89.6	2.76	12.19	10.23	6.14	0	35.4
20070224:1656	20.97	4.08	30.43	0.87	4.17	9.54	5.72	0	6.2
20070224:1756	0	0	0	0	0	8.85	5.31	0	0.0
20070224:1856	0	0	0	0	0	8.15	4.9	0	0.0
20070224:1956	0	0	0	0	0	7.82	4.97	0	0.0
20070224:2056	0	0	0	0	0	7.49	5.04	0	0.0
20070224:2156	0	0	0	0	0	7.15	5.12	0	0.0
20070224:2256	0	0	0	0	0	7.03	4.64	0	0.0
20070224:2356	0	0	0	0	0	6.91	4.17	0	0.0
20070225:0056	0	0	0	0	0	6.79	3.7	0	0.0
20070225:0156	0	0	0	0	0	6.87	3.41	0	0.0
20070225:0256	0	0	0	0	0	6.96	3.13	0	0.0
20070225:0356	0	0	0	0	0	7.04	2.84	0	0.0
20070225:0456	0	0	0	0	0	6.69	2.89	0	0.0
20070225:0556	0	0	0	0	0	6.35	2.93	0	0.0
20070225:0656	0	0	0	0	0	6	2.98	0	0.0
20070225:0756	74.11	21.4	66.24	1.8	7.38	6.39	3.6	0	22.0
20070225:0856	351.4	204.44	143.5	4.68	15.07	6.78	4.23	0	104.5
20070225:0956	317.56	128.87	185.81	5.72	21.42	7.17	4.86	0	94.5
20070225:1056	208.17	34.24	178.94	5.18	25.91	7.76	5.29	0	61.9
20070225:1156	27.73	0	40.66	1.13	28.07	8.36	5.72	0	8.2
20070225:1256	306.29	86.3	219.44	6.65	27.6	8.95	6.15	0	91.1
20070225:1356	180.66	25.28	163.16	4.72	24.58	9.11	6.32	0	53.7
20070225:1456	32.05	0	45.4	1.26	19.37	9.27	6.49	0	9.5
20070225:1556	17.37	0	29.35	0.82	12.49	9.43	6.66	0	5.2
20070225:1656	24.55	7.17	31.99	0.94	4.45	8.76	6.1	0	7.3
20070225:1756	0	0	0	0	0	8.09	5.53	0	0.0
20070225:1856	0	0	0	0	0	7.43	4.97	0	0.0
20070225:1956	0	0	0	0	0	7.18	5.15	0	0.0
20070225:2056	0	0	0	0	0	6.94	5.33	0	0.0
20070225:2156	0	0	0	0	0	6.7	5.52	0	0.0
20070225:2256	0	0	0	0	0	6.84	5.58	0	0.0
20070225:2356	0	0	0	0	0	6.97	5.64	0	0.0
20070226:0056	0	0	0	0	0	7.11	5.7	0	0.0
20070226:0156	0	0	0	0	0	7.07	5.97	0	0.0
20070226:0256	0	0	0	0	0	7.03	6.25	0	0.0
20070226:0356	0	0	0	0	0	6.99	6.52	0	0.0
20070226:0456	0	0	0	0	0	6.68	6.87	0	0.0
20070226:0556	0	0	0	0	0	6.38	7.22	0	0.0
20070226:0656	0	0	0	0	0	6.07	7.57	0	0.0
20070226:0756	153.42	64.56	98.7	2.54	7.71	5.94	7.71	0	45.6
20070226:0856	510.42	352.64	140.9	5.65	15.41	5.8	7.84	0	151.8
20070226:0956	528.9	301.24	207.35	7.32	21.78	5.67	7.97	0	157.3
20070226:1056	74.46	0	86.9	2.42	26.29	6.18	8.11	0	22.2
20070226:1156	256.55	47.49	208.5	6.1	28.44	6.7	8.24	0	76.3
20070226:1256	550.27	274.26	257.78	9	27.97	7.21	8.37	0	163.7
20070226:1356	390.45	160.31	221.38	7.22	24.93	7.73	8.08	0	116.2
20070226:1456	200.57	54.02	152.17	4.6	19.7	8.26	7.79	0	59.7
20070226:1556	248.66	148.83	109.13	4.09	12.8	8.78	7.5	0	74.0
20070226:1656	44.2	21.75	41.51	1.31	4.74	7.72	6.37	0	13.1
20070226:1756	0	0	0	0	0	6.65	5.23	0	0.0
20070226:1856	0	0	0	0	0	5.59	4.1	0	0.0
20070226:1956	0	0	0	0	0	4.55	3.62	0	0.0
20070226:2056	0	0	0	0	0	3.52	3.14	0	0.0
20070226:2156	0	0	0	0	0	2.48	2.66	0	0.0
20070226:2256	0	0	0	0	0	2.12	2.35	0	0.0
20070226:2356	0	0	0	0	0	1.76	2.04	0	0.0
20070227:0056	0	0	0	0	0	1.4	1.72	0	0.0
20070227:0156	0	0	0	0	0	2.03	2.07	0	0.0
20070227:0256	0	0	0	0	0	2.65	2.42	0	0.0
20070227:0356	0	0	0	0	0	3.28	2.77	0	0.0
20070227:0456	0	0	0	0	0	3.43	3.42	0	0.0
20070227:0556	0	0	0	0	0	3.58	4.07	0	0.0
20070227:0656	0	0	0	0	0	3.73	4.72	0	0.0
20070227:0756	12.43	0	23.16	0.64	8.04	4.87	5.35	0	3.7
20070227:0856	1.4	0	8.2	0.23	15.76	6.01	5.99	0	0.4
20070227:0956	4.48	0	13.07	0.36	22.14	7.15	6.62	0	1.3
20070227:1056	34.7	0	48.03	1.34	26.66	8.44	6.85	0	10.3
20070227:1156	80.32	0	93.87	2.61	28.82	9.74	7.08	0	23.9

20070227:1256	81.62	0	95.63	2.66	28.33	11.03	7.31	0	24.3
20070227:1356	24.31	0	37.33	1.04	25.28	11.06	7.85	0	7.2
20070227:1456	3.2	0	11.32	0.31	20.03	11.08	8.4	0	1.0
20070227:1556	18.17	0	30.44	0.85	13.1	11.11	8.94	0	5.4
20070227:1656	3.61	0	11.93	0.33	5.02	10.9	9.38	0	1.1
20070227:1756	0	0	0	0	0	10.68	9.82	0	0.0
20070227:1856	0	0	0	0	0	10.47	10.26	0	0.0
20070227:1956	0	0	0	0	0	9.75	10.22	0	0.0
20070227:2056	0	0	0	0	0	9.04	10.17	0	0.0
20070227:2156	0	0	0	0	0	8.33	10.12	0	0.0
20070227:2256	0	0	0	0	0	8.3	10.09	0	0.0
20070227:2356	0	0	0	0	0	8.26	10.05	0	0.0
20070228:0056	0	0	0	0	0	8.23	10.01	0	0.0
20070228:0156	0	0	0	0	0	8.22	10.08	0	0.0
20070228:0256	0	0	0	0	0	8.22	10.15	0	0.0
20070228:0356	0	0	0	0	0	8.21	10.22	0	0.0
20070228:0456	0	0	0	0	0	8.09	10.3	0	0.0
20070228:0556	0	0	0	0	0	7.98	10.39	0	0.0
20070228:0656	0	0	0	0	0	7.86	10.47	0	0.0
20070228:0756	131.5	64.09	79.55	2.21	8.38	8.08	10.5	0	39.1
20070228:0856	41.92	0	55.4	1.54	16.11	8.29	10.53	0	12.5
20070228:0956	717.67	519.56	175.7	8.74	22.51	8.51	10.57	0	213.5
20070228:1056	673.05	412.35	240.5	9.54	27.04	9.32	11.22	0	200.2
20070228:1156	438.29	174.22	254.34	8.16	29.2	10.14	11.87	0	130.4
20070228:1256	205.13	84.86	125.74	4.31	28.7	10.95	12.52	0	61.0
20070228:1356	6.6	0	16.19	0.45	25.63	10.5	12.46	0	2.0
20070228:1456	207.14	57.86	155.25	4.74	20.35	10.05	12.4	0	61.6
20070228:1556	85.93	15.46	84.19	2.46	13.4	9.6	12.33	0	25.6
20070228:1656	36.42	21.99	33.49	1.13	5.31	9.14	12.57	0	10.8
20070228:1756	0	0	0	0	0	8.68	12.82	0	0.0
20070228:1856	0	0	0	0	0	8.22	13.06	0	0.0
20070228:1956	0	0	0	0	0	7.97	12.47	0	0.0
20070228:2056	0	0	0	0	0	7.73	11.88	0	0.0
20070228:2156	0	0	0	0	0	7.49	11.3	0	0.0
20070228:2256	0	0	0	0	0	7.11	10.21	0	0.0
20070228:2356	0	0	0	0	0	6.72	9.12	0	0.0
20070301:0056	0	0	0	0	0	6.34	8.03	0	0.0
20070301:0156	0	0	0	0	0	5.81	7.46	0	0.0
20070301:0256	0	0	0	0	0	5.28	6.89	0	0.0
20070301:0356	0	0	0	0	0	4.75	6.32	0	0.0
20070301:0456	0	0	0	0	0	4.39	7.02	0	0.0
20070301:0556	0	0	0	0	0	4.03	7.71	0	0.0
20070301:0656	7.58	0	17.06	0.51	0.13	3.67	8.41	0	2.3
20070301:0756	125.42	52.06	83.5	2.31	8.72	4.36	9.2	0	37.3
20070301:0856	474.46	302.14	153.21	5.75	16.46	5.04	9.99	0	141.2
20070301:0956	389.16	168.78	206.62	6.58	22.88	5.73	10.77	0	115.8
20070301:1056	383.71	136.74	234.62	7.31	27.42	6.52	11.48	0	114.2
20070301:1156	240.89	36.23	205.21	5.96	29.58	7.32	12.19	0	71.7
20070301:1256	102.63	0	114.31	3.18	29.08	8.11	12.9	0	30.5
20070301:1356	29.46	0	42.42	1.18	25.98	8.06	11.86	0	8.8
20070301:1456	519.26	344.06	159.38	7.6	20.68	8.02	10.83	0	154.5
20070301:1556	264.89	160.51	111.1	4.42	13.71	7.97	9.79	0	78.8
20070301:1656	40.04	16.71	40.8	1.29	5.6	7.35	8.89	0	11.9
20070301:1756	0	0	0	0	0	6.72	7.99	0	0.0
20070301:1856	0	0	0	0	0	6.09	7.09	0	0.0
20070301:1956	0	0	0	0	0	5.47	6.71	0	0.0
20070301:2056	0	0	0	0	0	4.85	6.34	0	0.0
20070301:2156	0	0	0	0	0	4.23	5.96	0	0.0
20070301:2256	0	0	0	0	0	3.78	5.49	0	0.0
20070301:2356	0	0	0	0	0	3.32	5.03	0	0.0
20070302:0056	0	0	0	0	0	2.87	4.57	0	0.0
20070302:0156	0	0	0	0	0	2.68	4.49	0	0.0
20070302:0256	0	0	0	0	0	2.5	4.42	0	0.0
20070302:0356	0	0	0	0	0	2.32	4.34	0	0.0
20070302:0456	0	0	0	0	0	1.95	3.92	0	0.0
20070302:0556	0	0	0	0	0	1.58	3.49	0	0.0
20070302:0656	8.42	0	17.99	0.54	0.47	1.22	3.06	0	2.5
20070302:0756	271.98	161.56	111.81	3.19	9.06	2.08	3.27	0	80.9
20070302:0856	551.54	389.55	145.7	6.37	16.82	2.93	3.48	0	164.1
20070302:0956	746.77	554.53	177.51	9.3	23.25	3.79	3.68	0	222.2
20070302:1056	855.96	659.73	193.31	11.31	27.8	5.43	3.84	0	240.0
20070302:1156	798.24	554.02	242.87	11.48	29.96	7.07	4	0	237.5
20070302:1256	612.22	341.72	265.5	9.99	29.45	8.71	4.15	0	182.1
20070302:1356	733.09	557.38	174.59	10.53	26.33	9.02	4.36	0	218.1
20070302:1456	379.55	196.28	182.26	6.64	21.01	9.32	4.57	0	112.9
20070302:1556	269.93	167.11	113.42	4.59	14.01	9.63	4.77	0	80.3
20070302:1656	92.14	52.44	66.03	2.09	5.88	8.99	4.76	0	27.4
20070302:1756	0	0	0	0	0	8.35	4.74	0	0.0
20070302:1856	0	0	0	0	0	7.71	4.73	0	0.0
20070302:1956	0	0	0	0	0	7.1	5.15	0	0.0
20070302:2056	0	0	0	0	0	6.48	5.57	0	0.0
20070302:2156	0	0	0	0	0	5.86	5.99	0	0.0
20070302:2256	0	0	0	0	0	5.7	6.25	0	0.0
20070302:2356	0	0	0	0	0	5.55	6.51	0	0.0
20070303:0056	0	0	0	0	0	5.39	6.77	0	0.0
20070303:0156	0	0	0	0	0	5.11	6.07	0	0.0
20070303:0256	0	0	0	0	0	4.83	5.37	0	0.0
20070303:0356	0	0	0	0	0	4.55	4.68	0	0.0
20070303:0456	0	0	0	0	0	4.45	5.2	0	0.0
20070303:0556	0	0	0	0	0	4.35	5.72	0	0.0
20070303:0656	9.77	0	19.85	0.6	0.8	4.26	6.25	0	2.9
20070303:0756	271.66	160.02	114.31	3.3	9.41	4.82	6.11	0	80.8
20070303:0856	792.23	547.73	232.04	9.02	17.18	5.39	5.97	0	235.7
20070303:0956	701.44	492.78	189.97	9.02	23.62	5.95	5.83	0	208.7
20070303:1056	862.38	658.69	192.5	11.39	28.18	6.78	5.89	0	240.0
20070303:1156	545.16	257.65	274.58	9.4	30.35	7.61	5.94	0	162.2
20070303:1256	653.61	410.37	230.73	10.03	29.82	8.44	6	0	194.4
20070303:1356	742.39	559.64	174.58	10.66	26.68	9.1	5.96	0	220.9
20070303:1456	558.5	405.8	146.93	8.24	21.33	9.77	5.93	0	166.2
20070303:1556	82.37	10.51	86.07	2.49	14.32	10.43	5.89	0	24.5
20070303:1656	94.2	52.3	68.21	2.19	6.17	9.53	5.08	0	28.0
20070303:1756	0	0	0	0	0	8.63	4.27	0	0.0
20070303:1856	0	0	0	0	0	7.72	3.46	0	0.0
20070303:1956	0	0	0	0	0	7.13	3.43	0	0.0
20070303:2056	0	0	0	0	0	6.54	3.39	0	0.0
20070303:2156	0	0	0	0	0	5.94	3.35	0	0.0
20070303:2256	0	0	0	0	0	5.52	3.22	0	0.0

20070303:2356	0	0	0	0	0	5.1	3.09	0	0.0
20070304:0056	0	0	0	0	0	4.68	2.95	0	0.0
20070304:0156	0	0	0	0	0	3.95	2.69	0	0.0
20070304:0256	0	0	0	0	0	3.22	2.43	0	0.0
20070304:0356	0	0	0	0	0	2.49	2.17	0	0.0
20070304:0456	0	0	0	0	0	2.51	2.56	0	0.0
20070304:0556	0	0	0	0	0	2.54	2.95	0	0.0
20070304:0656	0	0	1.05	0.03	1.14	2.57	3.34	0	0.0
20070304:0756	24.97	0	37.07	1.03	9.76	3.82	4.56	0	7.4
20070304:0856	50.91	0	63.74	1.77	17.54	5.08	5.78	0	15.1
20070304:0956	109.85	2.14	118.38	3.31	24	6.33	7.01	0	32.7
20070304:1056	65.3	0	78.3	2.18	28.57	6.93	7.99	0	19.4
20070304:1156	37.18	0	50.4	1.4	30.73	7.54	8.97	0	11.1
20070304:1256	92.75	0	105.06	2.92	30.2	8.14	9.96	0	27.6
20070304:1356	45.34	0	58.91	1.64	27.04	8.48	9.96	0	13.5
20070304:1456	35	0	48.38	1.35	21.66	8.82	9.96	0	10.4
20070304:1556	1.61	0	8.64	0.24	14.62	9.16	9.96	0	0.5
20070304:1656	16.67	0	28.56	0.79	6.45	9.68	9.97	0	5.0
20070304:1756	0	0	0	0	0	10.2	9.99	0	0.0
20070304:1856	0	0	0	0	0	10.72	10	0	0.0
20070304:1956	0	0	0	0	0	10.59	9.94	0	0.0
20070304:2056	0	0	0	0	0	10.46	9.87	0	0.0
20070304:2156	0	0	0	0	0	10.33	9.81	0	0.0
20070304:2256	0	0	0	0	0	9.18	9.21	0	0.0
20070304:2356	0	0	0	0	0	8.02	8.61	0	0.0
20070305:0056	0	0	0	0	0	6.87	8.01	0	0.0
20070305:0156	0	0	0	0	0	6.54	7.46	0	0.0
20070305:0256	0	0	0	0	0	6.21	6.9	0	0.0
20070305:0356	0	0	0	0	0	5.89	6.34	0	0.0
20070305:0456	0	0	0	0	0	5.41	6.55	0	0.0
20070305:0556	0	0	0	0	0	4.94	6.76	0	0.0
20070305:0656	14.22	0	25.22	0.7	1.48	4.47	6.97	0	4.2
20070305:0756	301.43	205.42	96.39	3.37	10.11	4.86	7.68	0	89.7
20070305:0856	572.88	402.48	148.05	6.81	17.9	5.24	8.4	0	170.4
20070305:0956	774.06	565.79	178.41	9.74	24.37	5.63	9.12	0	230.3
20070305:1056	889.8	669.74	193.54	11.74	28.96	6.79	9.62	0	240.0
20070305:1156	770.41	484.09	262.57	11.39	31.12	7.94	10.13	0	229.2
20070305:1256	587.21	296.56	272.94	9.92	30.57	9.1	10.63	0	174.7
20070305:1356	583.73	336.8	230.8	9.4	27.39	9.47	10.06	0	173.7
20070305:1456	141.55	14.88	137.14	3.95	21.99	9.83	9.48	0	42.1
20070305:1556	65.2	3.18	76.13	2.15	14.92	10.2	8.9	0	19.4
20070305:1656	91.37	45.59	70.21	2.27	6.74	9.81	9.21	0	27.2
20070305:1756	0	0	0	0	0	9.42	9.52	0	0.0
20070305:1856	0	0	0	0	0	9.02	9.83	0	0.0
20070305:1956	0	0	0	0	0	9.12	10.53	0	0.0
20070305:2056	0	0	0	0	0	9.21	11.22	0	0.0
20070305:2156	0	0	0	0	0	9.3	11.92	0	0.0
20070305:2256	0	0	0	0	0	9.35	12.43	0	0.0
20070305:2356	0	0	0	0	0	9.4	12.94	0	0.0
20070306:0056	0	0	0	0	0	9.45	13.45	0	0.0
20070306:0156	0	0	0	0	0	9.32	13.46	0	0.0
20070306:0256	0	0	0	0	0	9.19	13.48	0	0.0
20070306:0356	0	0	0	0	0	9.07	13.49	0	0.0
20070306:0456	0	0	0	0	0	9.32	13.15	0	0.0
20070306:0556	0	0	0	0	0	9.58	12.82	0	0.0
20070306:0656	10.39	0	21.06	0.59	1.83	9.84	12.48	0	3.1
20070306:0756	175.96	94.5	92	2.8	10.46	9.53	11.03	0	52.3
20070306:0856	564.2	402.72	147.73	6.9	18.27	9.21	9.58	0	167.8
20070306:0956	757.81	564.57	177.57	9.82	24.75	8.9	8.12	0	225.4
20070306:1056	878.91	676.86	194.38	11.94	29.35	9.49	7.64	0	240.0
20070306:1156	913.4	714.34	198.49	12.89	31.51	10.07	7.15	0	240.0
20070306:1256	870.42	679.08	192.59	12.63	30.95	10.66	6.66	0	240.0
20070306:1356	757.08	577.96	177.02	11.22	27.75	11.08	6.36	0	225.2
20070306:1456	573.14	421.72	149.77	8.76	22.31	11.49	6.06	0	170.5
20070306:1556	333.25	236.87	108.79	5.55	15.23	11.91	5.75	0	99.1
20070306:1656	101.57	71.44	61.05	2.36	7.03	10.64	4.65	0	30.2
20070306:1756	0	0	0	0	0	9.36	3.55	0	0.0
20070306:1856	0	0	0	0	0	8.08	2.46	0	0.0
20070306:1956	0	0	0	0	0	7.26	2.41	0	0.0
20070306:2056	0	0	0	0	0	6.44	2.36	0	0.0
20070306:2156	0	0	0	0	0	5.61	2.32	0	0.0
20070306:2256	0	0	0	0	0	5.38	2.46	0	0.0
20070306:2356	0	0	0	0	0	5.15	2.59	0	0.0
20070307:0056	0	0	0	0	0	4.92	2.73	0	0.0
20070307:0156	0	0	0	0	0	5.08	2.8	0	0.0
20070307:0256	0	0	0	0	0	5.24	2.88	0	0.0
20070307:0356	0	0	0	0	0	5.4	2.95	0	0.0
20070307:0456	0	0	0	0	0	5.16	2.99	0	0.0
20070307:0556	0	0	0	0	0	4.93	3.03	0	0.0
20070307:0656	16.4	0	27.77	0.77	2.17	4.7	3.08	0	4.9
20070307:0756	248.13	153.23	100.06	3.29	10.81	5.35	3.72	0	73.8
20070307:0856	518.5	346.47	160.6	6.73	18.64	6	4.37	0	154.3
20070307:0956	757.73	568.22	177.57	9.96	25.14	6.65	5.02	0	225.4
20070307:1056	870.21	674.96	193.46	12.01	29.74	7.59	5.01	0	240.0
20070307:1156	204.86	15.16	196.01	5.58	31.9	8.54	4.99	0	60.9
20070307:1256	116.03	0	128.22	3.57	31.33	9.48	4.98	0	34.5
20070307:1356	485.18	235.31	244.74	8.81	28.1	9.72	5.06	0	144.3
20070307:1456	188.49	35.71	161.24	4.81	22.64	9.97	5.14	0	56.1
20070307:1556	334.42	236.13	108.36	5.61	15.53	10.21	5.21	0	99.5
20070307:1656	83.1	35.98	69.41	2.24	7.31	9.38	4.46	0	24.7
20070307:1756	0	0	0	0	0	8.54	3.7	0	0.0
20070307:1856	0	0	0	0	0	7.7	2.94	0	0.0
20070307:1956	0	0	0	0	0	6.63	2.92	0	0.0
20070307:2056	0	0	0	0	0	5.56	2.9	0	0.0
20070307:2156	0	0	0	0	0	4.49	2.88	0	0.0
20070307:2256	0	0	0	0	0	4.27	3.03	0	0.0
20070307:2356	0	0	0	0	0	4.05	3.17	0	0.0
20070308:0056	0	0	0	0	0	3.84	3.31	0	0.0
20070308:0156	0	0	0	0	0	3.46	3.01	0	0.0
20070308:0256	0	0	0	0	0	3.08	2.71	0	0.0
20070308:0356	0	0	0	0	0	2.71	2.41	0	0.0
20070308:0456	0	0	0	0	0	2.28	2.33	0	0.0
20070308:0556	0	0	0	0	0	1.86	2.24	0	0.0
20070308:0656	50.34	33.25	34.93	0.97	2.52	1.44	2.15	0	15.0
20070308:0756	319.77	219.06	101.14	3.78	11.17	2.92	2.4	0	95.1
20070308:0856	573.96	413.95	149.92	7.23	19.01	4.39	2.66	0	170.8
20070308:0956	725.53	528.84	193.29	9.91	25.52	5.87	2.91	0	215.8

20070308:1056	219.2	25.38	199.09	5.73	30.13	7.47	2.92	0	65.2
20070308:1156	888.87	717.49	197.95	13.13	32.3	9.07	2.94	0	240.0
20070308:1256	629.97	362.6	274.49	10.78	31.71	10.67	2.95	0	187.4
20070308:1356	671.85	466.8	213.12	10.73	28.45	10.97	3.33	0	199.9
20070308:1456	468.62	285.95	185.46	8.01	22.97	11.28	3.71	0	139.4
20070308:1556	135.95	35.63	114.19	3.52	15.83	11.58	4.08	0	40.4
20070308:1656	100.34	50.65	75.65	2.58	7.6	10.98	4.2	0	29.9
20070308:1756	0	0	0	0	0	10.38	4.32	0	0.0
20070308:1856	0	0	0	0	0	9.77	4.44	0	0.0
20070308:1956	0	0	0	0	0	9.12	5.05	0	0.0
20070308:2056	0	0	0	0	0	8.47	5.66	0	0.0
20070308:2156	0	0	0	0	0	7.81	6.26	0	0.0
20070308:2256	0	0	0	0	0	7.63	6.76	0	0.0
20070308:2356	0	0	0	0	0	7.45	7.26	0	0.0
20070309:0056	0	0	0	0	0	7.28	7.77	0	0.0
20070309:0156	0	0	0	0	0	7.66	7.49	0	0.0
20070309:0256	0	0	0	0	0	8.05	7.21	0	0.0
20070309:0356	0	0	0	0	0	8.44	6.94	0	0.0
20070309:0456	0	0	0	0	0	7.93	6.46	0	0.0
20070309:0556	0	0	0	0	0	7.42	5.97	0	0.0
20070309:0656	60.58	47.65	34.17	0.99	2.87	6.91	5.49	0	18.0
20070309:0756	162.14	75.04	96.61	2.93	11.53	6.88	5.84	0	48.2
20070309:0856	589.19	422.53	151.67	7.44	19.38	6.84	6.2	0	175.3
20070309:0956	752.25	539.76	194.51	10.15	25.9	6.81	6.55	0	223.8
20070309:1056	900.62	692.96	195.74	12.47	30.52	7.67	7.08	0	240.0
20070309:1156	937.63	729.41	199.55	13.41	32.69	8.52	7.6	0	240.0
20070309:1256	611.65	314.43	283.5	10.56	32.09	9.38	8.12	0	182.0
20070309:1356	764.55	560.65	188.61	11.51	28.81	9.31	8.34	0	227.5
20070309:1456	595.87	431.58	151.17	9.19	23.3	9.24	8.55	0	177.3
20070309:1556	351.5	245.56	111.25	5.94	16.13	9.17	8.76	0	104.6
20070309:1656	112.22	69.28	71.19	2.73	7.88	8.44	7.81	0	33.4
20070309:1756	0	0	0	0	0	7.71	6.86	0	0.0
20070309:1856	0	0	0	0	0	6.97	5.9	0	0.0
20070309:1956	0	0	0	0	0	6.37	5.45	0	0.0
20070309:2056	0	0	0	0	0	5.77	4.99	0	0.0
20070309:2156	0	0	0	0	0	5.16	4.54	0	0.0
20070309:2256	0	0	0	0	0	4.94	4.34	0	0.0
20070309:2356	0	0	0	0	0	4.72	4.15	0	0.0
20070310:0056	0	0	0	0	0	4.51	3.96	0	0.0
20070310:0156	0	0	0	0	0	4.52	4.21	0	0.0
20070310:0256	0	0	0	0	0	4.53	4.46	0	0.0
20070310:0356	0	0	0	0	0	4.54	4.72	0	0.0
20070310:0456	0	0	0	0	0	4.59	4.95	0	0.0
20070310:0556	0	0	0	0	0	4.64	5.19	0	0.0
20070310:0656	51.35	25.82	42.58	1.19	3.22	4.69	5.42	0	15.3
20070310:0756	95.08	26.61	80.48	2.35	11.89	5.86	5.91	0	28.3
20070310:0856	517.48	336.93	167.09	7.02	19.75	7.02	6.4	0	154.0
20070310:0956	383.32	151.06	225.47	7.25	26.29	8.19	6.9	0	114.0
20070310:1056	274.55	52.19	224.31	6.63	30.92	9.65	7.24	0	81.7
20070310:1156	696.19	408.19	280.86	11.37	33.08	11.11	7.59	0	207.1
20070310:1256	869.24	681.48	190.66	13.05	32.47	12.57	7.93	0	240.0
20070310:1356	333.92	102	234.57	7.41	29.16	12.69	7.43	0	99.3
20070310:1456	267.23	85.81	187.99	6.03	23.62	12.82	6.94	0	79.5
20070310:1556	301.79	191.63	122.7	5.57	16.44	12.94	6.44	0	89.8
20070310:1656	99.98	35.8	86.8	2.77	8.16	12.07	6	0	29.7
20070310:1756	0	0	0	0	0	11.19	5.57	0	0.0
20070310:1856	0	0	0	0	0	10.31	5.13	0	0.0
20070310:1956	0	0	0	0	0	9.49	5.18	0	0.0
20070310:2056	0	0	0	0	0	8.66	5.22	0	0.0
20070310:2156	0	0	0	0	0	7.83	5.27	0	0.0
20070310:2256	0	0	0	0	0	7.3	5.13	0	0.0
20070310:2356	0	0	0	0	0	6.76	4.99	0	0.0
20070311:0056	0	0	0	0	0	6.23	4.86	0	0.0
20070311:0156	0	0	0	0	0	5.95	4.91	0	0.0
20070311:0256	0	0	0	0	0	5.67	4.96	0	0.0
20070311:0356	0	0	0	0	0	5.39	5.01	0	0.0
20070311:0456	0	0	0	0	0	5.21	4.98	0	0.0
20070311:0556	0	0	0	0	0	5.04	4.96	0	0.0
20070311:0656	56	28.24	45.1	1.27	3.58	4.87	4.94	0	16.7
20070311:0756	45.36	1.42	57.07	1.6	12.25	6.09	5.62	0	13.5
20070311:0856	275.13	102.35	172.38	5.36	20.12	7.3	6.3	0	81.9
20070311:0956	609.61	354.77	241.07	9.35	26.68	8.52	6.98	0	181.4
20070311:1056	602.65	305.4	287.63	10.31	31.32	10.15	7.31	0	179.3
20070311:1156	827.28	558.72	268.67	12.84	33.48	11.79	7.64	0	240.0
20070311:1256	777.41	516.18	263.78	12.48	32.85	13.42	7.97	0	231.3
20070311:1356	520.51	252.89	266.71	9.69	29.52	13.69	7.95	0	154.9
20070311:1456	180.87	24.49	167.96	4.91	23.95	13.96	7.93	0	53.8
20070311:1556	64.33	0.62	79.04	2.21	16.74	14.23	7.9	0	19.1
20070311:1656	103.9	37.67	89.57	2.89	8.45	13.2	7.41	0	30.9
20070311:1756	0	0	0	0	0	12.16	6.92	0	0.0
20070311:1856	0	0	0	0	0	11.12	6.43	0	0.0
20070311:1956	0	0	0	0	0	10.37	6.53	0	0.0
20070311:2056	0	0	0	0	0	9.62	6.63	0	0.0
20070311:2156	0	0	0	0	0	8.86	6.73	0	0.0
20070311:2256	0	0	0	0	0	8.63	6.8	0	0.0
20070311:2356	0	0	0	0	0	8.4	6.87	0	0.0
20070312:0056	0	0	0	0	0	8.17	6.94	0	0.0
20070312:0156	0	0	0	0	0	8.3	7.04	0	0.0
20070312:0256	0	0	0	0	0	8.43	7.15	0	0.0
20070312:0356	0	0	0	0	0	8.56	7.26	0	0.0
20070312:0456	0	0	0	0	0	8.46	7.09	0	0.0
20070312:0556	0	0	0	0	0	8.37	6.92	0	0.0
20070312:0656	55.08	22.77	49.56	1.39	3.93	8.28	6.76	0	16.4
20070312:0756	156.65	66.06	101.35	3.1	12.62	8.99	6.91	0	46.6
20070312:0856	595.71	433.27	152.89	7.86	20.5	9.69	7.05	0	177.2
20070312:0956	541.12	291.31	241.38	8.86	27.07	10.4	7.2	0	161.0
20070312:1056	537.61	255.23	277.29	9.69	31.72	11.41	6.8	0	159.9
20070312:1156	582.01	287.11	293.33	10.56	33.88	12.43	6.41	0	173.1
20070312:1256	464.83	186.15	280.44	9.39	33.23	13.44	6.01	0	138.3
20070312:1356	331.55	99.52	237.33	7.51	29.87	13.46	5.52	0	98.6
20070312:1456	212.02	45.88	176.64	5.37	24.28	13.48	5.03	0	63.1
20070312:1556	124.12	24.07	114.98	3.47	17.04	13.5	4.54	0	36.9
20070312:1656	105.01	29.16	96.8	3.01	8.73	11.95	3.97	0	31.2
20070312:1756	0	0	0	0	0	10.39	3.4	0	0.0
20070312:1856	0	0	0	0	0	8.83	2.83	0	0.0
20070312:1956	0	0	0	0	0	7.88	2.55	0	0.0
20070312:2056	0	0	0	0	0	6.93	2.28	0	0.0

20070312:2156	0	0	0	0	0	5.98	2	0	0.0
20070312:2256	0	0	0	0	0	5.61	2.16	0	0.0
20070312:2356	0	0	0	0	0	5.24	2.32	0	0.0
20070313:0056	0	0	0	0	0	4.87	2.48	0	0.0
20070313:0156	0	0	0	0	0	4.5	2.36	0	0.0
20070313:0256	0	0	0	0	0	4.14	2.24	0	0.0
20070313:0356	0	0	0	0	0	3.78	2.12	0	0.0
20070313:0456	0	0	0	0	0	3.29	2.05	0	0.0
20070313:0556	0	0	0	0	0	2.8	1.98	0	0.0
20070313:0656	81.48	59.95	41.98	1.32	4.29	2.32	1.9	0	24.2
20070313:0756	309.01	191.35	118.6	4.29	12.98	3.79	2.28	0	91.9
20070313:0856	616.08	451.57	157.3	8.22	20.88	5.25	2.66	0	183.3
20070313:0956	794.48	613.93	184.42	11.21	27.46	6.72	3.03	0	236.4
20070313:1056	879.27	689.9	207.97	13.08	32.11	8.25	3.18	0	240.0
20070313:1156	921.76	750.92	201.17	14.14	34.27	9.78	3.32	0	240.0
20070313:1256	440.59	157.05	285.94	9.29	33.61	11.31	3.46	0	131.1
20070313:1356	760.76	595.09	177.06	12.16	30.23	11.42	3.98	0	226.3
20070313:1456	586.7	437.93	151.13	9.65	24.6	11.53	4.5	0	174.5
20070313:1556	289.31	167	133.46	5.69	17.34	11.64	5.02	0	86.1
20070313:1656	120.6	73.47	77.25	3.15	9.01	10.86	4.17	0	35.9
20070313:1756	6.41	0	15.88	0.48	0.1	10.07	3.31	0	1.9
20070313:1856	0	0	0	0	0	9.28	2.46	0	0.0
20070313:1956	0	0	0	0	0	8.41	2.5	0	0.0
20070313:2056	0	0	0	0	0	7.54	2.55	0	0.0
20070313:2156	0	0	0	0	0	6.66	2.59	0	0.0
20070313:2256	0	0	0	0	0	6.06	2.53	0	0.0
20070313:2356	0	0	0	0	0	5.46	2.47	0	0.0
20070314:0056	0	0	0	0	0	4.86	2.41	0	0.0
20070314:0156	0	0	0	0	0	4.47	2.27	0	0.0
20070314:0256	0	0	0	0	0	4.09	2.12	0	0.0
20070314:0356	0	0	0	0	0	3.71	1.97	0	0.0
20070314:0456	0	0	0	0	0	3.21	1.93	0	0.0
20070314:0556	0	0	0	0	0	2.72	1.89	0	0.0
20070314:0656	84.79	60.49	44.42	1.41	4.65	2.23	1.85	0	25.2
20070314:0756	359.57	249.1	110.27	4.67	13.35	3.73	2.02	0	107.0
20070314:0856	601.41	441.77	154.2	8.17	21.26	5.23	2.19	0	178.9
20070314:0956	773.39	600.57	180.75	11.1	27.85	6.73	2.36	0	230.1
20070314:1056	872.73	702.3	194.39	13.11	32.51	8.5	2.71	0	240.0
20070314:1156	901.64	736.45	197.76	14.01	34.67	10.28	3.06	0	240.0
20070314:1256	680.39	414.84	277.75	11.84	33.99	12.05	3.41	0	202.4
20070314:1356	437.75	184.61	257.26	8.91	30.58	12.06	3.28	0	130.2
20070314:1456	578	436.23	150.46	9.71	24.92	12.07	3.15	0	172.0
20070314:1556	268.61	145.2	136.65	5.53	17.64	12.08	3.02	0	79.9
20070314:1656	121.19	71.2	80.18	3.24	9.29	11.56	2.57	0	36.1
20070314:1756	7.63	0	17.59	0.53	0.38	11.04	2.13	0	2.3
20070314:1856	0	0	0	0	0	10.52	1.68	0	0.0
20070314:1956	0	0	0	0	0	9.9	1.82	0	0.0
20070314:2056	0	0	0	0	0	9.27	1.95	0	0.0
20070314:2156	0	0	0	0	0	8.64	2.08	0	0.0
20070314:2256	0	0	0	0	0	8.32	2.22	0	0.0
20070314:2356	0	0	0	0	0	8	2.36	0	0.0
20070315:0056	0	0	0	0	0	7.68	2.5	0	0.0
20070315:0156	0	0	0	0	0	6.59	2.52	0	0.0
20070315:0256	0	0	0	0	0	5.5	2.54	0	0.0
20070315:0356	0	0	0	0	0	4.42	2.57	0	0.0
20070315:0456	0	0	0	0	0	4.21	2.7	0	0.0
20070315:0556	0	0	0	0	0	4.01	2.83	0	0.0
20070315:0656	54.35	23.07	47.29	1.37	5.01	3.81	2.97	0	16.2
20070315:0756	360.71	249.63	110.33	4.76	13.71	5.11	3.54	0	107.3
20070315:0856	604.71	440.33	153.38	8.24	21.63	6.4	4.11	0	179.9
20070315:0956	782.6	597.45	179.52	11.15	28.24	7.7	4.68	0	232.8
20070315:1056	316.02	69.02	246.56	7.42	32.92	8.85	5.35	0	94.0
20070315:1156	323.62	65.33	258.69	7.76	35.07	10	6.02	0	96.3
20070315:1256	226.33	18.78	214.54	6.15	34.37	11.15	6.69	0	67.3
20070315:1356	278.35	55.82	226.72	6.85	30.94	11.41	6.63	0	82.8
20070315:1456	75.15	0	89.57	2.49	25.25	11.68	6.57	0	22.4
20070315:1556	156.68	39.92	129.53	4.08	17.93	11.94	6.51	0	46.6
20070315:1656	94.47	26.24	88.28	2.82	9.57	11.47	5.75	0	28.1
20070315:1756	11.4	0	22.37	0.67	0.65	11	4.99	0	3.4
20070315:1856	0	0	0	0	0	10.52	4.23	0	0.0
20070315:1956	0	0	0	0	0	10.02	4.16	0	0.0
20070315:2056	0	0	0	0	0	9.52	4.09	0	0.0
20070315:2156	0	0	0	0	0	9.02	4.01	0	0.0
20070315:2256	0	0	0	0	0	8.34	3.67	0	0.0
20070315:2356	0	0	0	0	0	7.66	3.33	0	0.0
20070316:0056	0	0	0	0	0	6.99	2.99	0	0.0
20070316:0156	0	0	0	0	0	6.26	2.94	0	0.0
20070316:0256	0	0	0	0	0	5.53	2.88	0	0.0
20070316:0356	0	0	0	0	0	4.8	2.83	0	0.0
20070316:0456	0	0	0	0	0	4.19	2.7	0	0.0
20070316:0556	0	0	0	0	0	3.58	2.57	0	0.0
20070316:0656	77.92	53.87	43.37	1.42	5.37	2.98	2.44	0	23.2
20070316:0756	249.57	126.99	125.44	4.17	14.08	4.13	2.67	0	74.2
20070316:0856	635.37	467.48	159.77	8.74	22.01	5.29	2.89	0	189.0
20070316:0956	811.41	628.97	185.74	11.73	28.63	6.44	3.12	0	240.0
20070316:1056	903.33	716.59	196.15	13.53	33.32	7.64	4	0	240.0
20070316:1156	938.47	750.05	199.27	14.43	35.47	8.85	4.89	0	240.0
20070316:1256	535.56	231.5	297.72	10.42	34.75	10.05	5.78	0	159.3
20070316:1356	568.29	304.74	255.61	10.3	31.29	10.3	6.5	0	169.1
20070316:1456	61.65	0	75.84	2.11	25.57	10.56	7.22	0	18.3
20070316:1556	26.95	0	40.18	1.12	18.23	10.81	7.94	0	8.0
20070316:1656	109.22	59.08	76.42	3.06	9.85	10.14	7.49	0	32.5
20070316:1756	8.81	0	19	0.57	0.92	9.47	7.03	0	2.6
20070316:1856	0	0	0	0	0	8.79	6.58	0	0.0
20070316:1956	0	0	0	0	0	8.66	6.84	0	0.0
20070316:2056	0	0	0	0	0	8.52	7.09	0	0.0
20070316:2156	0	0	0	0	0	8.38	7.35	0	0.0
20070316:2256	0	0	0	0	0	8.56	7.3	0	0.0
20070316:2356	0	0	0	0	0	8.73	7.25	0	0.0
20070317:0056	0	0	0	0	0	8.91	7.2	0	0.0
20070317:0156	0	0	0	0	0	8.91	7.3	0	0.0
20070317:0256	0	0	0	0	0	8.92	7.4	0	0.0
20070317:0356	0	0	0	0	0	8.93	7.5	0	0.0
20070317:0456	0	0	0	0	0	9.03	7.5	0	0.0
20070317:0556	0	0	0	0	0	9.14	7.49	0	0.0
20070317:0656	23.99	8.14	29.75	0.87	5.73	9.25	7.49	0	7.1
20070317:0756	36.7	0	50.36	1.4	14.45	9.81	8.07	0	10.9

20070317:0856	73.83	0	87.73	2.44	22.39	10.38	8.66	0	22.0
20070317:0956	88.7	0	102.38	2.85	29.03	10.94	9.24	0	26.4
20070317:1056	79.75	0	93.96	2.61	33.72	11.63	9.05	0	23.7
20070317:1156	618.76	306.53	305.53	11.3	35.87	12.31	8.86	0	184.1
20070317:1256	893.75	705.08	191.46	14.11	35.14	13	8.66	0	240.0
20070317:1356	787.82	607.35	177.96	12.75	31.64	13.09	8.7	0	234.4
20070317:1456	604.69	448.78	152.6	10.22	25.89	13.19	8.74	0	179.9
20070317:1556	115.26	12.97	116.57	3.41	18.53	13.28	8.79	0	34.3
20070317:1656	0	0	4.43	0.12	10.13	12.21	8.7	0	0.0
20070317:1756	0	0	0.45	0.01	1.19	11.13	8.62	0	0.0
20070317:1856	0	0	0	0	0	10.05	8.54	0	0.0
20070317:1956	0	0	0	0	0	9.44	9	0	0.0
20070317:2056	0	0	0	0	0	8.83	9.47	0	0.0
20070317:2156	0	0	0	0	0	8.22	9.93	0	0.0
20070317:2256	0	0	0	0	0	8.45	10.25	0	0.0
20070317:2356	0	0	0	0	0	8.69	10.57	0	0.0
20070318:0056	0	0	0	0	0	8.92	10.9	0	0.0
20070318:0156	0	0	0	0	0	9.3	11.36	0	0.0
20070318:0256	0	0	0	0	0	9.69	11.83	0	0.0
20070318:0356	0	0	0	0	0	10.08	12.29	0	0.0
20070318:0456	0	0	0	0	0	8.48	12.1	0	0.0
20070318:0556	0	0	0	0	0	6.88	11.9	0	0.0
20070318:0656	29.01	8.54	34.16	0.98	6.09	5.29	11.71	0	8.6
20070318:0756	405.08	276.62	118.3	5.41	14.82	5.14	11.87	0	120.5
20070318:0856	664.52	471.34	159.84	8.99	22.78	4.98	12.02	0	197.7
20070318:0956	644.76	355.04	256.01	10.18	29.42	4.83	12.18	0	191.8
20070318:1056	803.51	486.16	278.2	12.47	34.12	5.19	12.61	0	239.0
20070318:1156	277.41	29.62	243.35	7.05	36.27	5.55	13.04	0	82.5
20070318:1256	250.53	20.57	228.3	6.56	35.52	5.91	13.48	0	74.5
20070318:1356	291.61	50.31	235.65	7.07	31.99	5.83	13.23	0	86.8
20070318:1456	425.52	189.17	219.59	8.23	26.22	5.74	12.99	0	126.6
20070318:1556	164.92	34.71	137.08	4.25	18.82	5.66	12.74	0	49.1
20070318:1656	112.03	65.08	71.44	3.13	10.41	4.85	11.62	0	33.3
20070318:1756	0.02	0	5.43	0.16	1.46	4.04	10.49	0	0.0
20070318:1856	0	0	0	0	0	3.23	9.37	0	0.0
20070318:1956	0	0	0	0	0	2.77	8.86	0	0.0
20070318:2056	0	0	0	0	0	2.31	8.36	0	0.0
20070318:2156	0	0	0	0	0	1.84	7.86	0	0.0
20070318:2256	0	0	0	0	0	1.62	7.55	0	0.0
20070318:2356	0	0	0	0	0	1.4	7.25	0	0.0
20070319:0056	0	0	0	0	0	1.18	6.94	0	0.0
20070319:0156	0	0	0	0	0	0.99	6.67	0	0.0
20070319:0256	0	0	0	0	0	0.81	6.4	0	0.0
20070319:0356	0	0	0	0	0	0.63	6.12	0	0.0
20070319:0456	0	0	0	0	0	0.56	5.87	0	0.0
20070319:0556	0	0	0	0	-2.61	0.5	5.62	0	0.0
20070319:0656	63.18	31.65	47.09	1.42	6.45	0.44	5.37	0	18.8
20070319:0756	421.2	286.02	120.7	5.63	15.19	1.29	6.52	0	125.3
20070319:0856	647.64	438.62	175.33	9	23.16	2.15	7.68	0	192.7
20070319:0956	869.59	642.6	186.81	12.24	29.81	3	8.84	0	240.0
20070319:1056	700.24	366.26	300.87	11.7	34.52	3.95	8.87	0	208.3
20070319:1156	586.64	241.62	319.04	11.05	36.66	4.89	8.9	0	174.5
20070319:1256	257.79	22.47	233.9	6.73	35.9	5.84	8.92	0	76.7
20070319:1356	537.93	240.05	276.91	10.2	32.35	6.09	8.81	0	160.0
20070319:1456	304.23	86.4	213.23	6.89	26.54	6.34	8.69	0	90.5
20070319:1556	3.08	0	10.97	0.3	19.12	6.59	8.58	0	0.9
20070319:1656	9.81	0	20.05	0.56	10.69	5.8	8.08	0	2.9
20070319:1756	15.97	0	27.23	0.82	1.73	5.01	7.59	0	4.8
20070319:1856	0	0	0	0	0	4.21	7.09	0	0.0
20070319:1956	0	0	0	0	0	3.73	7.29	0	0.0
20070319:2056	0	0	0	0	0	3.25	7.49	0	0.0
20070319:2156	0	0	0	0	0	2.77	7.7	0	0.0
20070319:2256	0	0	0	0	0	2.63	8.13	0	0.0
20070319:2356	0	0	0	0	0	2.48	8.57	0	0.0
20070320:0056	0	0	0	0	0	2.34	9.01	0	0.0
20070320:0156	0	0	0	0	0	2.06	9.04	0	0.0
20070320:0256	0	0	0	0	0	1.78	9.07	0	0.0
20070320:0356	0	0	0	0	0	1.5	9.1	0	0.0
20070320:0456	0	0	0	0	0	1.47	9.51	0	0.0
20070320:0556	0	0	0	0	0	1.45	9.92	0	0.0
20070320:0656	93	30.99	75.75	2.13	6.81	1.43	10.33	0	27.7
20070320:0756	285.19	142.92	135.85	4.73	15.56	1.85	10.64	0	84.8
20070320:0856	683.89	481.64	161.29	9.34	23.54	2.28	10.95	0	203.5
20070320:0956	166.02	4.65	165.08	4.64	30.21	2.7	11.26	0	49.4
20070320:1056	585.95	245.94	306.72	10.67	34.93	3.26	11.47	0	174.3
20070320:1156	361.97	68.28	279.47	8.4	37.06	3.82	11.69	0	107.7
20070320:1256	125.34	0	133.66	3.72	36.28	4.38	11.9	0	37.3
20070320:1356	646.15	345.42	266.58	11.29	32.7	4.47	11.48	0	192.2
20070320:1456	97.72	0	108.17	3.01	26.86	4.57	11.06	0	29.1
20070320:1556	397.02	272.89	117.81	7.39	19.41	4.66	10.63	0	118.1
20070320:1656	63.35	9.18	68.36	2.07	10.96	3.94	10.26	0	18.8
20070320:1756	16.88	0	28.08	0.85	2	3.22	9.89	0	5.0
20070320:1856	0	0	0	0	0	2.49	9.52	0	0.0
20070320:1956	0	0	0	0	0	1.92	9.14	0	0.0
20070320:2056	0	0	0	0	0	1.35	8.75	0	0.0
20070320:2156	0	0	0	0	0	0.77	8.37	0	0.0
20070320:2256	0	0	0	0	0	0.51	8.07	0	0.0
20070320:2356	0	0	0	0	0	0.25	7.77	0	0.0
20070321:0056	0	0	0	0	0	-0.01	7.48	0	0.0
20070321:0156	0	0	0	0	0	-0.2	7.37	0	0.0
20070321:0256	0	0	0	0	0	-0.38	7.26	0	0.0
20070321:0356	0	0	0	0	0	-0.56	7.14	0	0.0
20070321:0456	0	0	0	0	0	-0.74	7.01	0	0.0
20070321:0556	0	0	0	0	0	-0.91	6.87	0	0.0
20070321:0656	146.14	101.42	61.71	2.21	7.18	-1.08	6.73	0	43.5
20070321:0756	441.83	298.96	124.04	6.01	15.93	0.08	6.91	0	131.4
20070321:0856	696.85	495.89	163.97	9.65	23.92	1.25	7.1	0	207.3
20070321:0956	881.39	656.51	188.31	12.66	30.6	2.41	7.28	0	240.0
20070321:1056	981.57	755.1	200.04	14.65	35.33	3.56	6.95	0	240.0
20070321:1156	1006.54	786.75	202.65	15.53	37.46	4.72	6.62	0	240.0
20070321:1256	121.86	0	131.64	3.66	36.66	5.87	6.29	0	36.3
20070321:1356	373.54	98.8	266.14	8.43	33.05	5.95	5.86	0	111.1
20070321:1456	225.14	33.43	194.12	5.8	27.17	6.03	5.43	0	67.0
20070321:1556	166.87	31.88	142.94	4.41	19.71	6.11	5.01	0	49.6
20070321:1656	78.24	17.65	76.71	2.47	11.24	5.17	3.98	0	23.3
20070321:1756	14.46	0	25.45	0.77	2.27	4.22	2.96	0	4.3
20070321:1856	0	0	0	0	0	3.27	1.93	0	0.0

20070321:1956	0	0	0	0	0	1.85	2.26	0	0.0
20070321:2056	0	0	0	0	0	0.42	2.58	0	0.0
20070321:2156	0	0	0	0	0	-1.01	2.91	0	0.0
20070321:2256	0	0	0	0	0	-1.12	2.77	0	0.0
20070321:2356	0	0	0	0	0	-1.24	2.63	0	0.0
20070322:0056	0	0	0	0	0	-1.35	2.5	0	0.0
20070322:0156	0	0	0	0	0	-1.09	2.47	0	0.0
20070322:0256	0	0	0	0	0	-0.83	2.45	0	0.0
20070322:0356	0	0	0	0	0	-0.56	2.43	0	0.0
20070322:0456	0	0	0	0	0	-0.23	2.57	0	0.0
20070322:0556	0	0	0	0	0	0.11	2.72	0	0.0
20070322:0656	39.78	0.8	51.06	1.42	7.54	0.45	2.87	0	11.8
20070322:0756	63.93	1.23	74.22	2.07	16.3	1.11	2.7	0	19.0
20070322:0856	193.75	31.17	164.68	4.84	24.3	1.77	2.54	0	57.6
20070322:0956	116.52	0	125.41	3.49	31	2.43	2.37	0	34.7
20070322:1056	168.64	1.8	172.56	4.82	35.73	3.55	2.63	0	50.2
20070322:1156	169.9	0.96	175.33	4.89	37.86	4.68	2.9	0	50.5
20070322:1256	106.73	0	117.78	3.28	37.03	5.8	3.16	0	31.8
20070322:1356	181.46	6	182.05	5.14	33.4	6.38	3.56	0	54.0
20070322:1456	22.46	0	34.79	0.97	27.49	6.97	3.97	0	6.7
20070322:1556	3.28	0	11.32	0.31	20	7.55	4.37	0	1.0
20070322:1656	43.62	1.75	55.63	1.58	11.51	7.15	3.82	0	13.0
20070322:1756	11.4	0	22.04	0.66	2.54	6.74	3.26	0	3.4
20070322:1856	0	0	0	0	0	6.33	2.7	0	0.0
20070322:1956	0	0	0	0	0	6.07	3.16	0	0.0
20070322:2056	0	0	0	0	0	5.81	3.62	0	0.0
20070322:2156	0	0	0	0	0	5.55	4.08	0	0.0
20070322:2256	0	0	0	0	0	5.66	4.24	0	0.0
20070322:2356	0	0	0	0	0	5.76	4.4	0	0.0
20070323:0056	0	0	0	0	0	5.87	4.55	0	0.0
20070323:0156	0	0	0	0	0	5.91	4.88	0	0.0
20070323:0256	0	0	0	0	0	5.95	5.21	0	0.0
20070323:0356	0	0	0	0	0	5.99	5.54	0	0.0
20070323:0456	0	0	0	0	0	5.8	5.82	0	0.0
20070323:0556	0	0	0	0	0	5.61	6.09	0	0.0
20070323:0656	42.23	6.13	49.79	1.42	7.9	5.42	6.36	0	12.6
20070323:0756	157.75	43.49	121.79	3.71	16.67	5.7	7	0	46.9
20070323:0856	71.55	0	84.05	2.34	24.68	5.99	7.64	0	21.3
20070323:0956	61.1	0	74	2.06	31.39	6.27	8.28	0	18.2
20070323:1056	30.86	0	43.73	1.22	36.13	6.94	8.35	0	9.2
20070323:1156	97.44	0	109.36	3.04	38.26	7.62	8.42	0	29.0
20070323:1256	26.94	0	39.79	1.11	37.41	8.29	8.5	0	8.0
20070323:1356	166.47	2.31	172.1	4.81	33.74	8.08	8.05	0	49.5
20070323:1456	197.62	20.35	182.8	5.34	27.81	7.87	7.6	0	58.8
20070323:1556	274.34	120.09	158.09	6.12	20.29	7.66	7.14	0	81.6
20070323:1656	110.25	50.63	82.14	3.33	11.79	7.16	6.68	0	32.8
20070323:1756	10.68	0	21.15	0.64	2.8	6.66	6.22	0	3.2
20070323:1856	0	0	0	0	0	6.16	5.75	0	0.0
20070323:1956	0	0	0	0	0	5.62	5.36	0	0.0
20070323:2056	0	0	0	0	0	5.07	4.96	0	0.0
20070323:2156	0	0	0	0	0	4.52	4.57	0	0.0
20070323:2256	0	0	0	0	0	4.21	4.54	0	0.0
20070323:2356	0	0	0	0	0	3.89	4.52	0	0.0
20070324:0056	0	0	0	0	0	3.58	4.5	0	0.0
20070324:0156	0	0	0	0	0	3.33	4.27	0	0.0
20070324:0256	0	0	0	0	0	3.08	4.04	0	0.0
20070324:0356	0	0	0	0	0	2.84	3.81	0	0.0
20070324:0456	0	0	0	0	0	2.8	4.03	0	0.0
20070324:0556	0	0	0	0	0	2.76	4.25	0	0.0
20070324:0656	33.2	0.42	45.12	1.26	8.27	2.72	4.47	0	9.9
20070324:0756	95.36	8.3	97.74	2.79	17.04	3.98	5.93	0	28.4
20070324:0856	130.22	4.56	134.33	3.78	25.06	5.24	7.38	0	38.7
20070324:0956	184.29	8.47	181.03	5.12	31.79	6.5	8.84	0	54.8
20070324:1056	155.95	0.4	163.45	4.55	36.53	7.1	8.79	0	46.4
20070324:1156	95.34	0	107.38	2.99	38.66	7.69	8.74	0	28.4
20070324:1256	51.61	0	65.18	1.81	37.79	8.29	8.69	0	15.4
20070324:1356	59.04	0	72.51	2.02	34.09	8.14	8.93	0	17.6
20070324:1456	47.62	0	61.11	1.7	28.12	7.98	9.17	0	14.2
20070324:1556	12.05	0	22.94	0.64	20.58	7.83	9.41	0	3.6
20070324:1656	22.56	0	34.92	0.97	12.06	7.45	8.65	0	6.7
20070324:1756	9.52	0	19.73	0.59	3.07	7.07	7.89	0	2.8
20070324:1856	0	0	0	0	0	6.69	7.13	0	0.0
20070324:1956	0	0	0	0	0	6.57	6.75	0	0.0
20070324:2056	0	0	0	0	0	6.44	6.37	0	0.0
20070324:2156	0	0	0	0	0	6.31	5.99	0	0.0
20070324:2256	0	0	0	0	0	6.14	5.47	0	0.0
20070324:2356	0	0	0	0	0	5.96	4.95	0	0.0
20070325:0056	0	0	0	0	0	5.79	4.43	0	0.0
20070325:0156	0	0	0	0	0	5.81	4.46	0	0.0
20070325:0256	0	0	0	0	0	5.83	4.5	0	0.0
20070325:0356	0	0	0	0	0	5.86	4.54	0	0.0
20070325:0456	0	0	0	0	0	5.76	4.73	0	0.0
20070325:0556	0	0	0	0	0	5.66	4.92	0	0.0
20070325:0656	130.74	43.61	101.64	2.96	8.63	5.56	5.12	0	38.9
20070325:0756	96.95	8.53	100.27	2.86	17.41	6.85	5.73	0	28.8
20070325:0856	242.87	56.17	189.37	5.75	25.44	8.15	6.34	0	72.3
20070325:0956	384.49	120.54	259.36	8.29	32.18	9.44	6.95	0	114.4
20070325:1056	668	350.55	308.36	12.08	36.94	10.31	7.22	0	198.7
20070325:1156	968.88	776.15	198.61	15.75	39.05	11.17	7.49	0	240.0
20070325:1256	315.86	49.35	269.36	8.02	38.17	12.04	7.75	0	94.0
20070325:1356	290.52	48	246.54	7.41	34.43	12	7.6	0	86.4
20070325:1456	381.21	150.92	230.29	8.3	28.44	11.97	7.45	0	113.4
20070325:1556	297.31	148.5	157.45	6.64	20.86	11.93	7.3	0	88.4
20070325:1656	134.2	97.05	70.81	4.16	12.33	10.99	6.42	0	39.9
20070325:1756	25.48	0	38.41	1.16	3.34	10.04	5.54	0	7.6
20070325:1856	0	0	0	0	0	9.09	4.66	0	0.0
20070325:1956	0	0	0	0	0	8.18	4.29	0	0.0
20070325:2056	0	0	0	0	0	7.26	3.91	0	0.0
20070325:2156	0	0	0	0	0	6.34	3.53	0	0.0
20070325:2256	0	0	0	0	0	5.9	3.37	0	0.0
20070325:2356	0	0	0	0	0	5.45	3.21	0	0.0
20070326:0056	0	0	0	0	0	5.01	3.05	0	0.0
20070326:0156	0	0	0	0	0	4.46	2.82	0	0.0
20070326:0256	0	0	0	0	0	3.91	2.59	0	0.0
20070326:0356	0	0	0	0	0	3.37	2.36	0	0.0
20070326:0456	0	0	0	0	0	3.34	2.6	0	0.0
20070326:0556	0	0	0	0	0	3.32	2.84	0	0.0

20070326:0656	181.9	120.65	79.76	3.06	8.99	3.3	3.08	0	54.1
20070326:0756	148.48	31.98	124.87	3.74	17.78	5.38	3.82	0	44.2
20070326:0856	669.65	498	162.03	10.15	25.82	7.47	4.57	0	199.2
20070326:0956	836.51	652.67	184.73	13.08	32.57	9.55	5.31	0	240.0
20070326:1056	937.86	755.39	197.4	15.15	37.34	10.86	5.52	0	240.0
20070326:1156	961.63	784.52	199.69	16	39.45	12.18	5.73	0	240.0
20070326:1256	913.71	741.51	193.44	15.62	38.54	13.49	5.94	0	240.0
20070326:1356	801.31	633.45	178.88	14.08	34.78	13.61	5.91	0	238.4
20070326:1456	621.99	471.86	154.59	11.48	28.75	13.73	5.87	0	185.0
20070326:1556	387.72	281.77	119.48	8.09	21.15	13.85	5.83	0	115.3
20070326:1656	138.77	101.84	72.65	4.38	12.6	12.69	5.16	0	41.3
20070326:1756	13.36	0	24.8	0.75	3.6	11.53	4.49	0	4.0
20070326:1856	0	0	0	0	0	10.36	3.82	0	0.0
20070326:1956	0	0	0	0	0	9.12	3.45	0	0.0
20070326:2056	0	0	0	0	0	7.88	3.08	0	0.0
20070326:2156	0	0	0	0	0	6.64	2.7	0	0.0
20070326:2256	0	0	0	0	0	6.04	2.68	0	0.0
20070326:2356	0	0	0	0	0	5.44	2.65	0	0.0
20070327:0056	0	0	0	0	0	4.84	2.62	0	0.0
20070327:0156	0	0	0	0	0	4.21	2.69	0	0.0
20070327:0256	0	0	0	0	0	3.58	2.77	0	0.0
20070327:0356	0	0	0	0	0	2.95	2.84	0	0.0
20070327:0456	0	0	0	0	0	2.71	2.82	0	0.0
20070327:0556	6.01	0	14.95	0.45	0.28	2.47	2.8	0	1.8
20070327:0656	186.26	119.9	83.42	3.2	9.35	2.24	2.79	0	55.4
20070327:0756	438.55	308.57	125.25	6.68	18.14	4.72	2.91	0	130.5
20070327:0856	410.51	185.42	220.7	7.82	26.2	7.2	3.04	0	122.1
20070327:0956	818.44	650.73	183.86	13.14	32.96	9.68	3.17	0	240.0
20070327:1056	907.14	747.63	195.28	15.11	37.74	11.43	3.27	0	240.0
20070327:1156	926.72	776.02	197.62	15.94	39.84	13.17	3.37	0	240.0
20070327:1256	878.96	733.16	191.45	15.56	38.92	14.92	3.46	0	240.0
20070327:1356	770.7	623.5	176.57	13.99	35.12	15.22	3.61	0	229.3
20070327:1456	600.38	464.07	152.68	11.41	29.06	15.51	3.76	0	178.6
20070327:1556	375.6	276.95	118.09	8.06	21.44	15.81	3.9	0	111.7
20070327:1656	119	62.6	85.36	3.84	12.87	14.55	3.66	0	35.4
20070327:1756	9.04	0	19.57	0.59	3.86	13.29	3.41	0	2.7
20070327:1856	0	0	0	0	0	12.03	3.16	0	0.0
20070327:1956	0	0	0	0	0	10.56	2.91	0	0.0
20070327:2056	0	0	0	0	0	9.09	2.67	0	0.0
20070327:2156	0	0	0	0	0	7.61	2.43	0	0.0
20070327:2256	0	0	0	0	0	6.67	2.6	0	0.0
20070327:2356	0	0	0	0	0	5.74	2.78	0	0.0
20070328:0056	0	0	0	0	0	4.8	2.95	0	0.0
20070328:0156	0	0	0	0	0	3.96	2.86	0	0.0
20070328:0256	0	0	0	0	0	3.13	2.78	0	0.0
20070328:0356	0	0	0	0	0	2.3	2.69	0	0.0
20070328:0456	0	0	0	0	0	1.94	2.81	0	0.0
20070328:0556	0	0	1.78	0.05	0.64	1.58	2.93	0	0.0
20070328:0656	182.8	125.58	73.86	3.13	9.71	1.22	3.05	0	54.4
20070328:0756	261.68	110.64	151.59	5.17	18.51	3.74	2.43	0	77.8
20070328:0856	240.21	49.38	194.41	5.86	26.58	6.26	1.81	0	71.5
20070328:0956	422.78	151.71	274.69	9.06	33.35	8.78	1.19	0	125.8
20070328:1056	458.79	158.69	309.09	10.15	38.13	10.53	1.05	0	136.5
20070328:1156	896.93	779.89	197.73	16.11	40.24	12.27	0.91	0	240.0
20070328:1256	848.75	736.68	191.49	15.72	39.29	14.02	0.77	0	240.0
20070328:1356	745.34	621.37	175.8	14.04	35.46	14.04	0.87	0	221.7
20070328:1456	586.74	462.59	152.11	11.47	29.37	14.06	0.97	0	174.6
20070328:1556	371.83	276.3	117.93	8.13	21.72	14.08	1.08	0	110.6
20070328:1656	133.55	97.64	72.01	4.39	13.14	13.09	1.19	0	39.7
20070328:1756	10.05	0	20.79	0.63	4.13	12.1	1.31	0	3.0
20070328:1856	0	0	0	0	0	11.11	1.42	0	0.0
20070328:1956	0	0	0	0	0	10.13	1.47	0	0.0
20070328:2056	0	0	0	0	0	9.14	1.52	0	0.0
20070328:2156	0	0	0	0	0	8.15	1.57	0	0.0
20070328:2256	0	0	0	0	0	7.77	1.71	0	0.0
20070328:2356	0	0	0	0	0	7.39	1.86	0	0.0
20070329:0056	0	0	0	0	0	7.01	2	0	0.0
20070329:0156	0	0	0	0	0	7.06	2.33	0	0.0
20070329:0256	0	0	0	0	0	7.11	2.65	0	0.0
20070329:0356	0	0	0	0	0	7.17	2.98	0	0.0
20070329:0456	0	0	0	0	0	6.94	3.17	0	0.0
20070329:0556	0	0	0.41	0.01	1	6.71	3.36	0	0.0
20070329:0656	0.49	0	6.49	0.18	10.07	6.49	3.54	0	0.1
20070329:0756	29.47	0	42.29	1.18	18.88	6.69	3.76	0	8.8
20070329:0856	78.09	0	90.85	2.53	26.96	6.9	3.97	0	23.2
20070329:0956	237.72	24.09	216.75	6.28	33.74	7.1	4.18	0	70.7
20070329:1056	525.29	200.01	316.6	10.81	38.53	7.38	4.11	0	156.3
20070329:1156	136.46	0	146.69	4.08	40.63	7.65	4.05	0	40.6
20070329:1256	87.38	0	100.19	2.79	39.66	7.93	3.99	0	26.0
20070329:1356	167.49	1.56	174.92	4.89	35.8	8.24	3.47	0	49.8
20070329:1456	52.87	0	66.68	1.85	29.68	8.54	2.96	0	15.7
20070329:1556	26.92	0	39.92	1.11	22	8.85	2.44	0	8.0
20070329:1656	51.13	1.05	64.1	1.81	13.41	8.34	2.02	0	15.2
20070329:1756	4.51	0	13.13	0.4	4.39	7.83	1.6	0	1.3
20070329:1856	0	0	0	0	0	7.32	1.19	0	0.0
20070329:1956	0	0	0	0	0	6.57	1.37	0	0.0
20070329:2056	0	0	0	0	0	5.82	1.55	0	0.0
20070329:2156	0	0	0	0	0	5.07	1.74	0	0.0
20070329:2256	0	0	0	0	0	4.67	1.71	0	0.0
20070329:2356	0	0	0	0	0	4.28	1.69	0	0.0
20070330:0056	0	0	0	0	0	3.88	1.67	0	0.0
20070330:0156	0	0	0	0	0	4.04	1.54	0	0.0
20070330:0256	0	0	0	0	0	4.2	1.42	0	0.0
20070330:0356	0	0	0	0	0	4.36	1.3	0	0.0
20070330:0456	0	0	0	0	0	4.44	1.52	0	0.0
20070330:0556	0	0	3.99	0.11	1.36	4.53	1.75	0	0.0
20070330:0656	37.28	1.76	48.49	1.37	10.43	4.62	1.97	0	11.1
20070330:0756	102.42	6.33	107.2	3.05	19.24	5.19	2.62	0	30.5
20070330:0856	124.86	1.62	133.18	3.72	27.34	5.77	3.26	0	37.1
20070330:0956	247.65	26.5	222.98	6.48	34.13	6.34	3.9	0	73.7
20070330:1056	520.35	192.85	318.32	10.81	38.93	7.06	4.06	0	154.8
20070330:1156	282.74	24.83	259.26	7.49	41.02	7.78	4.21	0	84.1
20070330:1256	306.13	37.86	269.08	7.92	40.03	8.5	4.36	0	91.1
20070330:1356	162.86	1.13	171	4.77	36.14	8.81	5	0	48.5
20070330:1456	142.74	2.19	151.03	4.23	29.98	9.13	5.65	0	42.5
20070330:1556	132.72	20.96	123.43	3.79	22.29	9.44	6.29	0	39.5
20070330:1656	104.73	30.05	93.62	3.36	13.68	8.92	6.16	0	31.2

20070330:1756	10.91	0	21.56	0.65	4.65	8.39	6.03	0	3.2
20070330:1856	0	0	0	0	0	7.86	5.9	0	0.0
20070330:1956	0	0	0	0	0	7.51	5.87	0	0.0
20070330:2056	0	0	0	0	0	7.16	5.84	0	0.0
20070330:2156	0	0	0	0	0	6.81	5.81	0	0.0
20070330:2256	0	0	0	0	0	6.64	5.6	0	0.0
20070330:2356	0	0	0	0	0	6.47	5.38	0	0.0
20070331:0056	0	0	0	0	0	6.31	5.17	0	0.0
20070331:0156	0	0	0	0	0	6.26	5.41	0	0.0
20070331:0256	0	0	0	0	0	6.21	5.65	0	0.0
20070331:0356	0	0	0	0	0	6.16	5.89	0	0.0
20070331:0456	0	0	0	0	0	6.02	6.04	0	0.0
20070331:0556	1.28	0	7.98	0.22	1.72	5.89	6.19	0	0.4
20070331:0656	195.01	135.41	77.98	3.52	10.79	5.76	6.34	0	58.0
20070331:0756	270.29	147.92	123.57	5.03	19.61	7.33	6.91	0	80.4
20070331:0856	461.2	294.55	155.32	7.83	27.71	8.91	7.49	0	137.2
20070331:0956	572.21	354.33	205.41	9.97	34.52	10.48	8.06	0	170.2
20070331:1056	610.22	374.12	224.85	10.9	39.33	11.39	8.39	0	181.5
20070331:1156	574.5	316.06	250.01	10.9	41.41	12.29	8.73	0	170.9
20070331:1256	538.47	272.2	260.67	10.71	40.4	13.2	9.06	0	160.2
20070331:1356	456.48	229.92	222.09	9.34	36.48	12.91	9.02	0	135.8
20070331:1456	364.63	202.26	161.73	7.64	30.29	12.61	8.97	0	108.5
20070331:1556	206.89	82.31	135.5	5.21	22.57	12.32	8.92	0	61.5
20070331:1656	82.85	46.28	60.71	2.91	13.94	11.22	8.5	0	24.6
20070331:1756	9.61	0	20.06	0.6	4.91	10.11	8.07	0	2.9
20070331:1856	0	0	0	0	0	9	7.64	0	0.0
20070331:1956	0	0	0	0	0	8.06	7.41	0	0.0
20070331:2056	0	0	0	0	0	7.11	7.17	0	0.0
20070331:2156	0	0	0	0	0	6.16	6.94	0	0.0
20070331:2256	0	0	0	0	0	6.07	6.9	0	0.0
20070331:2356	0	0	0	0	0	5.97	6.86	0	0.0
20070401:0056	0	0	0	0	0	5.88	6.83	0	0.0
20070401:0156	0	0	0	0	0	5.75	7.03	0	0.0
20070401:0256	0	0	0	0	0	5.62	7.24	0	0.0
20070401:0356	0	0	0	0	0	5.49	7.45	0	0.0
20070401:0456	0	0	0	0	0	5.71	7.26	0	0.0
20070401:0556	1.53	0	8.42	0.23	2.07	5.92	7.08	0	0.5
20070401:0656	212.91	155.51	76.31	3.79	11.14	6.14	6.9	0	63.3
20070401:0756	170.74	36.14	142.24	4.31	19.97	7.6	7.19	0	50.8
20070401:0856	713.54	549.42	149.39	11.2	28.08	9.06	7.49	0	212.3
20070401:0956	877.95	704.66	167.07	14.11	34.91	10.52	7.78	0	240.0
20070401:1056	977.8	806.48	176.66	16.16	39.72	11.52	7.86	0	240.0
20070401:1156	998.93	832.85	177.89	16.97	41.8	12.51	7.94	0	240.0
20070401:1256	947.71	786.29	172.32	16.55	40.77	13.5	8.01	0	240.0
20070401:1356	834.4	675.48	160.16	15.02	36.81	13.36	8.11	0	240.0
20070401:1456	651.08	508.05	139.8	12.38	30.59	13.22	8.21	0	193.7
20070401:1556	410.75	310.08	110.14	8.94	22.84	13.08	8.3	0	122.2
20070401:1656	150.5	117.78	70.19	5.15	14.2	12.01	7.78	0	44.8
20070401:1756	14.6	0	26.22	0.79	5.17	10.95	7.26	0	4.3
20070401:1856	0	0	0	0	0	9.89	6.74	0	0.0
20070401:1956	0	0	0	0	0	9.04	6.34	0	0.0
20070401:2056	0	0	0	0	0	8.18	5.94	0	0.0
20070401:2156	0	0	0	0	0	7.33	5.53	0	0.0
20070401:2256	0	0	0	0	0	7.13	5.19	0	0.0
20070401:2356	0	0	0	0	0	6.93	4.84	0	0.0
20070402:0056	0	0	0	0	0	6.73	4.5	0	0.0
20070402:0156	0	0	0	0	0	6.46	4.48	0	0.0
20070402:0256	0	0	0	0	0	6.19	4.47	0	0.0
20070402:0356	0	0	0	0	0	5.92	4.46	0	0.0
20070402:0456	0	0	0	0	0	5.85	4.46	0	0.0
20070402:0556	7.37	10.79	12.51	0.5	2.43	5.79	4.47	0	2.2
20070402:0656	223.48	163.67	78.82	4.01	11.5	5.72	4.48	0	66.5
20070402:0756	494.67	366.98	122.63	7.91	20.33	7.46	4.84	0	147.2
20070402:0856	720.92	563.58	151.56	11.54	28.46	9.2	5.19	0	214.5
20070402:0956	881.04	720.32	169.08	14.48	35.29	10.94	5.54	0	240.0
20070402:1056	968.14	814.19	177.18	16.39	40.11	12.17	5.64	0	240.0
20070402:1156	987.24	840.17	178.39	17.2	42.19	13.39	5.74	0	240.0
20070402:1256	936.44	793	172.8	16.78	41.13	14.61	5.83	0	240.0
20070402:1356	827.45	680.63	160.47	15.21	37.15	14.4	6.25	0	240.0
20070402:1456	648.85	512.33	140.13	12.56	30.89	14.18	6.66	0	193.0
20070402:1556	411.67	313.35	110.63	9.11	23.12	13.97	7.08	0	122.5
20070402:1656	124.62	46.41	101.67	4.08	14.47	12.52	6.73	0	37.1
20070402:1756	15.69	0	27.51	0.83	5.43	11.07	6.38	0	4.7
20070402:1856	0	0	0	0	0	9.63	6.03	0	0.0
20070402:1956	0	0	0	0	0	8.2	5.8	0	0.0
20070402:2056	0	0	0	0	0	6.77	5.58	0	0.0
20070402:2156	0	0	0	0	0	5.34	5.35	0	0.0
20070402:2256	0	0	0	0	0	4.89	5.27	0	0.0
20070402:2356	0	0	0	0	0	4.43	5.2	0	0.0
20070403:0056	0	0	0	0	0	3.98	5.12	0	0.0
20070403:0156	0	0	0	0	0	4.03	4.92	0	0.0
20070403:0256	0	0	0	0	0	4.08	4.73	0	0.0
20070403:0356	0	0	0	0	0	4.13	4.54	0	0.0
20070403:0456	0	0	0	0	0	4.5	4.65	0	0.0
20070403:0556	1.5	0.17	8.29	0.23	2.78	4.87	4.77	0	0.4
20070403:0656	26.35	0	38.73	1.08	11.85	5.24	4.88	0	7.8
20070403:0756	103.8	4.03	110.83	3.13	20.69	6.1	5.99	0	30.9
20070403:0856	151.93	4.51	155.65	4.38	28.83	6.95	7.09	0	45.2
20070403:0956	563.46	252.47	293.88	10.86	35.67	7.81	8.19	0	167.6
20070403:1056	178.14	0.45	184.78	5.14	40.5	7.94	8.01	0	53.0
20070403:1156	154.28	0	163.09	4.54	42.58	8.07	7.83	0	45.9
20070403:1256	142.45	0	152.13	4.23	41.5	8.2	7.66	0	42.4
20070403:1356	102.88	0	114.71	3.19	37.48	7.94	7.71	0	30.6
20070403:1456	128.25	0.19	138.28	3.85	31.19	7.67	7.76	0	38.2
20070403:1556	97.34	0.51	108.7	3.03	23.4	7.41	7.81	0	29.0
20070403:1656	61.37	1.25	73.49	2.08	14.73	6.92	7.64	0	18.3
20070403:1756	15.91	0	27.31	0.82	5.69	6.43	7.47	0	4.7
20070403:1856	0	0	0	0	0	5.95	7.3	0	0.0
20070403:1956	0	0	0	0	0	5.78	6.86	0	0.0
20070403:2056	0	0	0	0	0	5.62	6.43	0	0.0
20070403:2156	0	0	0	0	0	5.45	6	0	0.0
20070403:2256	0	0	0	0	0	5.27	5.61	0	0.0
20070403:2356	0	0	0	0	0	5.08	5.22	0	0.0
20070404:0056	0	0	0	0	0	4.9	4.83	0	0.0
20070404:0156	0	0	0	0	0	4.57	4.58	0	0.0
20070404:0256	0	0	0	0	0	4.23	4.34	0	0.0
20070404:0356	0	0	0	0	0	3.9	4.1	0	0.0

20070404:0456	0	0	0	0	0	3.87	3.98	0	0.0
20070404:0556	11.31	13.04	16.07	0.67	3.13	3.84	3.86	0	3.4
20070404:0656	43.68	1.1	55.32	1.55	12.2	3.81	3.74	0	13.0
20070404:0756	121.75	8.81	122.46	3.5	21.05	4.93	4.51	0	36.2
20070404:0856	182.12	12.55	175.24	5.01	29.19	6.06	5.28	0	54.2
20070404:0956	231.67	16	218.59	6.26	36.06	7.18	6.06	0	68.9
20070404:1056	165.87	0.15	174.12	4.84	40.89	8.08	5.8	0	49.3
20070404:1156	164.14	0	173.36	4.82	42.96	8.98	5.54	0	48.8
20070404:1256	198.8	2.05	204.77	5.72	41.86	9.87	5.28	0	59.1
20070404:1356	265.03	25.61	244.07	7.13	37.81	10.16	4.91	0	78.8
20070404:1456	177.32	7.37	179.72	5.11	31.49	10.44	4.55	0	52.8
20070404:1556	178.73	27.06	162.46	5.01	23.67	10.73	4.18	0	53.2
20070404:1656	133.04	58.94	98.95	4.43	14.99	10.11	3.43	0	39.6
20070404:1756	17.45	0	29.42	0.89	5.94	9.5	2.69	0	5.2
20070404:1856	0	0	0	0	0	8.89	1.94	0	0.0
20070404:1956	0	0	0	0	0	7.55	1.98	0	0.0
20070404:2056	0	0	0	0	0	6.21	2.01	0	0.0
20070404:2156	0	0	0	0	0	4.87	2.04	0	0.0
20070404:2256	0	0	0	0	0	4.45	1.63	0	0.0
20070404:2356	0	0	0	0	0	4.03	1.21	0	0.0
20070405:0056	0	0	0	0	0	3.61	0.8	0	0.0
20070405:0156	0	0	0	0	0	2.71	1.07	0	0.0
20070405:0256	0	0	0	0	0	1.82	1.33	0	0.0
20070405:0356	0	0	0	0	0	0.92	1.6	0	0.0
20070405:0456	0	0	0	0	0	0.97	1.69	0	0.0
20070405:0556	15.98	22.81	16.76	0.89	3.48	1.03	1.77	0	4.8
20070405:0656	238.42	171.8	81.2	4.39	12.55	1.08	1.86	0	70.9
20070405:0756	505.39	376.01	123.54	8.32	21.4	4.04	2.12	0	150.4
20070405:0856	718.92	570.66	151.4	11.94	29.56	7	2.38	0	213.9
20070405:0956	864.82	725.35	168.25	14.86	36.44	9.96	2.63	0	240.0
20070405:1056	944.75	821.01	176.6	16.81	41.28	11.65	2.59	0	240.0
20070405:1156	957.47	845.67	177.63	17.59	43.35	13.33	2.55	0	240.0
20070405:1256	905.96	797.48	171.97	17.16	42.22	15.01	2.51	0	240.0
20070405:1356	797.9	684.32	159.77	15.57	38.14	15.61	2.4	0	237.4
20070405:1456	627.22	515.78	139.74	12.91	31.79	16.2	2.29	0	186.6
20070405:1556	401.62	316.77	110.74	9.45	23.94	16.8	2.18	0	119.5
20070405:1656	152.04	122.25	71.78	5.61	15.25	15.74	2.32	0	45.2
20070405:1756	18.39	0	31.08	0.94	6.2	14.68	2.46	0	5.5
20070405:1856	0	0	0	0	0	13.63	2.61	0	0.0
20070405:1956	0	0	0	0	0	12.04	2.83	0	0.0
20070405:2056	0	0	0	0	0	10.46	3.06	0	0.0
20070405:2156	0	0	0	0	0	8.87	3.28	0	0.0
20070405:2256	0	0	0	0	0	8.41	3.36	0	0.0
20070405:2356	0	0	0	0	0	7.96	3.43	0	0.0
20070406:0056	0	0	0	0	0	7.5	3.5	0	0.0
20070406:0156	0	0	0	0	0	7.07	3.47	0	0.0
20070406:0256	0	0	0	0	0	6.63	3.44	0	0.0
20070406:0356	0	0	0	0	0	6.2	3.41	0	0.0
20070406:0456	0	0	0	0	0	5.86	3.49	0	0.0
20070406:0556	16.68	19.13	19.4	0.93	3.83	5.52	3.58	0	5.0
20070406:0656	66.12	6.41	72.88	2.1	12.9	5.18	3.67	0	19.7
20070406:0756	368.7	193.99	171.99	6.98	21.75	6.73	3.93	0	109.7
20070406:0856	592.52	361.63	223.72	10.54	29.92	8.27	4.18	0	176.3
20070406:0956	804.46	581.64	228.03	13.98	36.81	9.82	4.44	0	239.3
20070406:1056	864.46	616.21	266.5	15.56	41.67	10.95	4.24	0	240.0
20070406:1156	875.89	627.22	275.46	16.23	43.73	12.08	4.05	0	240.0
20070406:1256	916.35	768.86	185.46	17.05	42.58	13.21	3.85	0	240.0
20070406:1356	745.57	538.94	225.93	14.58	38.46	13.57	3.74	0	221.8
20070406:1456	597.31	429.42	179.51	12.29	32.08	13.92	3.64	0	177.7
20070406:1556	348.38	202.55	160.83	8.38	24.22	14.28	3.53	0	103.6
20070406:1656	145.41	86.86	91.13	5.13	15.51	13.35	2.93	0	43.3
20070406:1756	22.83	0	35.86	1.08	6.45	12.42	2.34	0	6.8
20070406:1856	0	0	0	0	0	11.5	1.74	0	0.0
20070406:1956	0	0	0	0	0	9.64	1.94	0	0.0
20070406:2056	0	0	0	0	0	7.78	2.14	0	0.0
20070406:2156	0	0	0	0	0	5.92	2.34	0	0.0
20070406:2256	0	0	0	0	0	5.64	2.09	0	0.0
20070406:2356	0	0	0	0	0	5.36	1.83	0	0.0
20070407:0056	0	0	0	0	0	5.08	1.57	0	0.0
20070407:0156	0	0	0	0	0	4.43	1.28	0	0.0
20070407:0256	0	0	0	0	0	3.78	0.99	0	0.0
20070407:0356	0	0	0	0	0	3.13	0.7	0	0.0
20070407:0456	0	0	0	0	0	2.77	1.09	0	0.0
20070407:0556	18.97	19.5	21.28	1.01	4.17	2.4	1.49	0	5.6
20070407:0656	242.73	175.39	82.17	4.61	13.24	2.04	1.88	0	72.2
20070407:0756	501.57	376.27	122.85	8.49	22.1	4.79	1.63	0	149.2
20070407:0856	704.64	567.84	149.88	12.07	30.29	7.54	1.38	0	209.6
20070407:0956	837.35	719.76	166.37	14.94	37.19	10.29	1.13	0	240.0
20070407:1056	929.22	820.29	175.51	16.99	42.05	11.29	1.58	0	240.0
20070407:1156	952.15	843.96	176.5	17.76	44.11	12.29	2.03	0	240.0
20070407:1256	910.84	795.41	170.82	17.31	42.94	13.28	2.48	0	240.0
20070407:1356	564.66	277.63	301.29	12.24	38.79	13.59	2.47	0	168.0
20070407:1456	433.23	193.41	250.4	9.96	32.38	13.89	2.46	0	128.9
20070407:1556	404.47	314.32	109.99	9.56	24.48	14.19	2.46	0	120.3
20070407:1656	152.47	120.75	71.7	5.71	15.76	13.48	2.16	0	45.4
20070407:1756	20.2	0	32.94	0.99	6.71	12.78	1.86	0	6.0
20070407:1856	0	0	0	0	0	12.08	1.56	0	0.0
20070407:1956	0	0	0	0	0	10.25	1.75	0	0.0
20070407:2056	0	0	0	0	0	8.43	1.94	0	0.0
20070407:2156	0	0	0	0	0	6.6	2.12	0	0.0
20070407:2256	0	0	0	0	0	5.98	2.17	0	0.0
20070407:2356	0	0	0	0	0	5.36	2.23	0	0.0
20070408:0056	0	0	0	0	0	4.74	2.28	0	0.0
20070408:0156	0	0	0	0	0	4.69	2.45	0	0.0
20070408:0256	0	0	0	0	0	4.64	2.63	0	0.0
20070408:0356	0	0	0	0	0	4.59	2.8	0	0.0
20070408:0456	0	0	0	0	0	4.67	2.97	0	0.0
20070408:0556	20.92	21.08	22.72	1.11	4.51	4.74	3.15	0	6.2
20070408:0656	243	176.93	82.48	4.71	13.59	4.82	3.32	0	72.3
20070408:0756	501.69	375.58	122.26	8.56	22.45	7.26	3.61	0	149.3
20070408:0856	712.93	565.3	148.95	12.11	30.65	9.71	3.9	0	212.1
20070408:0956	859.64	715.72	165.16	14.96	37.56	12.15	4.19	0	240.0
20070408:1056	945.54	808.89	173.37	16.87	42.43	13.37	4.46	0	240.0
20070408:1156	963.19	831.97	174.3	17.62	44.48	14.59	4.74	0	240.0
20070408:1256	787.51	532.01	280.6	15.39	43.29	15.81	5.01	0	234.3
20070408:1356	724.13	511.96	230.05	14.39	39.11	16.03	5.23	0	215.4
20070408:1456	627.53	503.14	136.75	12.9	32.67	16.24	5.46	0	186.7

20070408:1556	399.79	309.22	108.77	9.51	24.75	16.46	5.68	0	118.9
20070408:1656	135.76	59.76	103.93	4.74	16.02	15.6	5.08	0	40.4
20070408:1756	20.75	0	33.79	1.02	6.96	14.75	4.47	0	6.2
20070408:1856	0	0	0	0	0	13.9	3.86	0	0.0
20070408:1956	0	0	0	0	0	12.63	3.79	0	0.0
20070408:2056	0	0	0	0	0	11.37	3.72	0	0.0
20070408:2156	0	0	0	0	0	10.1	3.66	0	0.0
20070408:2256	0	0	0	0	0	9.46	3.5	0	0.0
20070408:2356	0	0	0	0	0	8.83	3.35	0	0.0
20070409:0056	0	0	0	0	0	8.19	3.2	0	0.0
20070409:0156	0	0	0	0	0	7.61	3.2	0	0.0
20070409:0256	0	0	0	0	0	7.02	3.21	0	0.0
20070409:0356	0	0	0	0	0	6.44	3.21	0	0.0
20070409:0456	0	0	0	0	0	6.31	3.35	0	0.0
20070409:0556	23.76	24.04	24.34	1.25	4.85	6.17	3.49	0	7.1
20070409:0656	250.63	183.47	84.42	4.92	13.93	6.04	3.63	0	74.6
20070409:0756	462.34	307.37	151.26	8.24	22.8	7.76	4.1	0	137.5
20070409:0856	545.91	300.12	240.45	10.29	31	9.48	4.57	0	162.4
20070409:0956	846.08	659.06	196.7	14.79	37.93	11.2	5.03	0	240.0
20070409:1056	708.96	385.77	328.25	13.88	42.81	11.97	5.07	0	210.9
20070409:1156	842.53	565.87	294.11	15.95	44.86	12.74	5.1	0	240.0
20070409:1256	440.87	115.7	329.28	10.62	43.65	13.5	5.13	0	131.2
20070409:1356	401.8	109.04	297.91	9.79	39.43	13.88	5.05	0	119.5
20070409:1456	419.83	174.65	251.08	9.75	32.96	14.26	4.97	0	124.9
20070409:1556	403.35	310.28	108.82	9.62	25.02	14.64	4.9	0	120.0
20070409:1656	152.03	119.89	71.67	5.82	16.27	14.14	4.17	0	45.2
20070409:1756	21.65	0	34.68	1.04	7.21	13.65	3.45	0	6.4
20070409:1856	0	0	0	0	0	13.16	2.73	0	0.0
20070409:1956	0	0	0	0	0	12.15	2.81	0	0.0
20070409:2056	0	0	0	0	0	11.15	2.9	0	0.0
20070409:2156	0	0	0	0	0	10.14	2.98	0	0.0
20070409:2256	0	0	0	0	0	9.88	3.09	0	0.0
20070409:2356	0	0	0	0	0	9.62	3.19	0	0.0
20070410:0056	0	0	0	0	0	9.36	3.3	0	0.0
20070410:0156	0	0	0	0	0	8.89	3.17	0	0.0
20070410:0256	0	0	0	0	0	8.43	3.04	0	0.0
20070410:0356	0	0	0	0	0	7.96	2.91	0	0.0
20070410:0456	0	0	0	0	0	8.05	2.97	0	0.0
20070410:0556	25.12	24.86	25.46	1.33	5.19	8.14	3.03	0	7.5
20070410:0656	83.53	11.37	86.24	2.55	14.26	8.23	3.09	0	24.9
20070410:0756	79.66	0.07	93.31	2.6	23.14	9.59	3.73	0	23.7
20070410:0856	160.75	4.68	167.09	4.71	31.36	10.94	4.37	0	47.8
20070410:0956	221.44	11.04	219.55	6.24	38.3	12.3	5.01	0	65.9
20070410:1056	319.98	40.88	285.29	8.43	43.19	13.02	4.95	0	95.2
20070410:1156	151.71	0	165.07	4.59	45.23	13.74	4.89	0	45.1
20070410:1256	97.4	0	112.69	3.13	44	14.45	4.83	0	29.0
20070410:1356	164.57	0.45	177.79	4.95	39.75	14.74	4.82	0	49.0
20070410:1456	155.24	2.24	167.16	4.69	33.24	15.03	4.81	0	46.2
20070410:1556	106.68	1.06	121.2	3.39	25.28	15.32	4.8	0	31.7
20070410:1656	72.58	2.09	86.68	2.48	16.52	14.89	4.07	0	21.6
20070410:1756	22.45	0	35.7	1.07	7.46	14.46	3.35	0	6.7
20070410:1856	0	0	0	0	0	14.04	2.62	0	0.0
20070410:1956	0	0	0	0	0	12.87	2.79	0	0.0
20070410:2056	0	0	0	0	0	11.71	2.95	0	0.0
20070410:2156	0	0	0	0	0	10.54	3.12	0	0.0
20070410:2256	0	0	0	0	0	9.77	3	0	0.0
20070410:2356	0	0	0	0	0	9	2.89	0	0.0
20070411:0056	0	0	0	0	0	8.23	2.77	0	0.0
20070411:0156	0	0	0	0	0	7.5	2.8	0	0.0
20070411:0256	0	0	0	0	0	6.77	2.82	0	0.0
20070411:0356	0	0	0	0	0	6.04	2.84	0	0.0
20070411:0456	0	0	0	0	0	5.9	2.61	0	0.0
20070411:0556	28.25	27.6	26.84	1.47	5.53	5.77	2.38	0	8.4
20070411:0656	255.95	187.85	85.45	5.15	14.6	5.63	2.15	0	76.1
20070411:0756	509.74	388.3	124.04	9.04	23.48	8.19	2.24	0	151.6
20070411:0856	711.66	577.8	149.85	12.6	31.71	10.74	2.34	0	211.7
20070411:0956	848.8	727.41	165.68	15.45	38.66	13.3	2.43	0	240.0
20070411:1056	929.49	822.68	173.93	17.41	43.57	13.9	2.27	0	240.0
20070411:1156	942.6	844.63	174.76	18.15	45.6	14.49	2.11	0	240.0
20070411:1256	866.57	764.64	165.26	17.08	44.34	15.08	1.94	0	240.0
20070411:1356	782.77	678.57	156.78	16.02	40.07	15.42	1.6	0	232.9
20070411:1456	616.32	512.19	137.44	13.37	33.53	15.76	1.26	0	183.4
20070411:1556	267.23	95.57	190.4	7.21	25.55	16.1	0.92	0	79.5
20070411:1656	76.44	2.5	90.85	2.61	16.77	15.66	1.01	0	22.7
20070411:1756	28.24	0	42.3	1.27	7.71	15.22	1.1	0	8.4
20070411:1856	0	0	0	0	0	14.78	1.19	0	0.0
20070411:1956	0	0	0	0	0	13.78	1.5	0	0.0
20070411:2056	0	0	0	0	0	12.79	1.81	0	0.0
20070411:2156	0	0	0	0	0	11.79	2.12	0	0.0
20070411:2256	0	0	0	0	0	11.42	2.17	0	0.0
20070411:2356	0	0	0	0	0	11.06	2.22	0	0.0
20070412:0056	0	0	0	0	0	10.69	2.26	0	0.0
20070412:0156	0	0	0	0	0	8.85	2.32	0	0.0
20070412:0256	0	0	0	0	0	7.02	2.37	0	0.0
20070412:0356	0	0	0	0	0	5.18	2.43	0	0.0
20070412:0456	0	0	0	0	0	5.09	2.28	0	0.0
20070412:0556	32.46	23.89	32.92	1.44	5.86	4.99	2.13	0	9.7
20070412:0656	66.66	2.99	76.52	2.17	14.93	4.9	1.99	0	19.8
20070412:0756	280.64	98.96	184.67	6.34	23.82	7.23	2.3	0	83.5
20070412:0856	585.82	357.23	231.19	11.06	32.06	9.55	2.62	0	174.3
20070412:0956	722.87	471.94	268.37	13.72	39.03	11.88	2.94	0	215.1
20070412:1056	828.6	591.39	271.47	15.8	43.94	12.93	3	0	240.0
20070412:1156	655.04	323.96	350.33	13.91	45.97	13.98	3.07	0	194.9
20070412:1256	660.5	351.71	331.22	14.07	44.69	15.03	3.13	0	196.5
20070412:1356	420.25	125.92	305.41	10.29	40.38	15.27	3.2	0	125.0
20070412:1456	311.46	74.02	248.98	8.13	33.81	15.5	3.28	0	92.7
20070412:1556	244.36	70.2	189.1	6.68	25.81	15.73	3.35	0	72.7
20070412:1656	115.97	21.6	114.45	3.9	17.02	15.03	3.23	0	34.5
20070412:1756	28.23	0	42.1	1.27	7.96	14.33	3.1	0	8.4
20070412:1856	0	0	0	0	0	13.64	2.98	0	0.0
20070412:1956	0	0	0	0	0	12.19	2.8	0	0.0
20070412:2056	0	0	0	0	0	10.75	2.61	0	0.0
20070412:2156	0	0	0	0	0	9.3	2.43	0	0.0
20070412:2256	0	0	0	0	0	8.67	2.48	0	0.0
20070412:2356	0	0	0	0	0	8.05	2.53	0	0.0
20070413:0056	0	0	0	0	0	7.42	2.58	0	0.0
20070413:0156	0	0	0	0	0	6.97	2.78	0	0.0

20070413:0256	0	0	0	0	0	6.51	2.97	0	0.0
20070413:0356	0	0	0	0	0	6.06	3.17	0	0.0
20070413:0456	0	0	0	0	0	5.93	3.24	0	0.0
20070413:0556	17.37	1.32	28.29	0.82	6.19	5.81	3.3	0	5.2
20070413:0656	86.45	8.9	90.23	2.64	15.26	5.68	3.37	0	25.7
20070413:0756	21.83	0	34.08	0.95	24.16	6.87	3.22	0	6.5
20070413:0856	183.77	8.07	183.68	5.21	32.4	8.05	3.07	0	54.7
20070413:0956	183.65	1.78	191	5.34	39.39	9.24	2.92	0	54.6
20070413:1056	266.45	15.32	258.72	7.39	44.31	11.23	2.9	0	79.3
20070413:1156	326.92	36.89	298.85	8.79	46.34	13.22	2.87	0	97.3
20070413:1256	308.06	32.1	287.98	8.45	45.03	15.2	2.84	0	91.6
20070413:1356	163.22	0.32	177.82	4.95	40.69	15.53	2.92	0	48.6
20070413:1456	474.01	244.92	243.25	10.94	34.09	15.86	3.01	0	141.0
20070413:1556	321.54	162.19	176.83	8.33	26.07	16.19	3.09	0	95.7
20070413:1656	96.07	7.97	105.72	3.21	17.27	15.35	3.17	0	28.6
20070413:1756	22.09	0	35.29	1.06	8.2	14.51	3.25	0	6.6
20070413:1856	0	0	0	0	0	13.68	3.32	0	0.0
20070413:1956	0	0	0	0	0	12.3	2.92	0	0.0
20070413:2056	0	0	0	0	0	10.93	2.51	0	0.0
20070413:2156	0	0	0	0	0	9.55	2.11	0	0.0
20070413:2256	0	0	0	0	0	9.13	2.15	0	0.0
20070413:2356	0	0	0	0	0	8.72	2.18	0	0.0
20070414:0056	0	0	0	0	0	8.3	2.22	0	0.0
20070414:0156	0	0	0	0	0	7.93	2.3	0	0.0
20070414:0256	0	0	0	0	0	7.57	2.38	0	0.0
20070414:0356	0	0	0	0	0	7.2	2.46	0	0.0
20070414:0456	0	0	0	0	0	7.15	2.65	0	0.0
20070414:0556	39.75	32.08	36.06	1.77	6.52	7.09	2.85	0	11.8
20070414:0656	52.44	0.4	65.49	1.83	15.59	7.04	3.05	0	15.6
20070414:0756	166.31	19.76	156.02	4.6	24.49	8.66	3.09	0	49.5
20070414:0856	520.48	272.75	248.48	10.39	32.75	10.29	3.14	0	154.8
20070414:0956	853.97	719.44	163.19	15.56	39.74	11.91	3.19	0	240.0
20070414:1056	897.98	720.07	223.47	17.01	44.67	13.95	3.33	0	240.0
20070414:1156	837.79	595.19	287.59	16.65	46.7	15.99	3.48	0	240.0
20070414:1256	784.31	546.23	282.2	16.11	45.38	18.02	3.63	0	233.3
20070414:1356	735.73	557.73	216.79	15.39	41	18.72	3.62	0	218.9
20070414:1456	574.24	413.17	187.33	12.82	34.37	19.41	3.62	0	170.8
20070414:1556	303.78	138.67	187.16	8.13	26.33	20.11	3.61	0	90.4
20070414:1656	155.49	126.22	73.58	6.43	17.52	19.04	3.39	0	46.3
20070414:1756	25.85	0	40.03	1.21	8.45	17.98	3.17	0	7.7
20070414:1856	0	0	0	0	0	16.92	2.95	0	0.0
20070414:1956	0	0	0	0	0	14.81	2.62	0	0.0
20070414:2056	0	0	0	0	0	12.69	2.28	0	0.0
20070414:2156	0	0	0	0	0	10.58	1.94	0	0.0
20070414:2256	0	0	0	0	0	9.71	1.9	0	0.0
20070414:2356	0	0	0	0	0	8.84	1.86	0	0.0
20070415:0056	0	0	0	0	0	7.97	1.82	0	0.0
20070415:0156	0	0	0	0	0	7.51	1.81	0	0.0
20070415:0256	0	0	0	0	0	7.06	1.79	0	0.0
20070415:0356	0	0	0	0	0	6.6	1.78	0	0.0
20070415:0456	0	0	0	0	0	6.48	1.75	0	0.0
20070415:0556	44.15	35.8	38.15	1.94	6.84	6.35	1.71	0	13.1
20070415:0656	270.92	200.08	88.33	5.69	15.91	6.23	1.68	0	80.6
20070415:0756	517.4	400.08	125.21	9.59	24.82	9.19	1.57	0	153.9
20070415:0856	708.25	587.81	149.95	13.13	33.08	12.14	1.45	0	210.7
20070415:0956	833.13	735.34	165.13	15.95	40.1	15.1	1.34	0	240.0
20070415:1056	899.38	823.85	172.37	17.79	45.04	16.97	1.3	0	240.0
20070415:1156	906.21	844.27	172.99	18.51	47.06	18.84	1.26	0	240.0
20070415:1256	855.8	794	167.45	18.03	45.71	20.71	1.23	0	240.0
20070415:1356	754.26	678.36	155.04	16.37	41.31	21.09	1.17	0	224.4
20070415:1456	597.73	512.88	136.04	13.72	34.65	21.47	1.12	0	177.8
20070415:1556	388.79	318.16	109.08	10.31	26.58	21.85	1.06	0	115.7
20070415:1656	152.57	125.63	73.51	6.48	17.76	21.02	1.15	0	45.4
20070415:1756	26.15	0	40.76	1.23	8.69	20.19	1.25	0	7.8
20070415:1856	0	0	0	0	0	19.36	1.34	0	0.0
20070415:1956	0	0	0	0	0	17.17	1.53	0	0.0
20070415:2056	0	0	0	0	0	14.98	1.71	0	0.0
20070415:2156	0	0	0	0	0	12.79	1.9	0	0.0
20070415:2256	0	0	0	0	0	12.22	2.19	0	0.0
20070415:2356	0	0	0	0	0	11.66	2.48	0	0.0
20070416:0056	0	0	0	0	0	11.09	2.77	0	0.0
20070416:0156	0	0	0	0	0	11.03	2.75	0	0.0
20070416:0256	0	0	0	0	0	10.97	2.73	0	0.0
20070416:0356	0	0	0	0	0	10.91	2.7	0	0.0
20070416:0456	0	0	0	0	0	10.81	2.99	0	0.0
20070416:0556	44.63	36.36	38.98	2.01	7.16	10.7	3.27	0	13.3
20070416:0656	265.42	198.27	87.85	5.71	16.23	10.6	3.56	0	79.0
20070416:0756	509.44	392.34	123.31	9.51	25.14	12.06	3.7	0	151.6
20070416:0856	636.74	441.51	205.67	12.03	33.42	13.53	3.84	0	189.4
20070416:0956	761.22	543.7	242.47	14.54	40.45	14.99	3.99	0	226.5
20070416:1056	922.66	803.63	169.33	17.49	45.4	16.13	4.11	0	240.0
20070416:1156	587.34	250.84	355.65	13.2	47.42	17.26	4.24	0	174.7
20070416:1256	262.95	15.15	263.15	7.54	46.05	18.39	4.37	0	78.2
20070416:1356	313.3	47.75	280.35	8.52	41.61	18.52	4.45	0	93.2
20070416:1456	217.54	17.87	215.59	6.31	34.92	18.64	4.53	0	64.7
20070416:1556	304.48	139.14	184.32	8.15	26.84	18.76	4.61	0	90.6
20070416:1656	69.47	0.86	85.54	2.41	18.01	17.87	4.42	0	20.7
20070416:1756	27.12	0	41.29	1.24	8.94	16.98	4.23	0	8.1
20070416:1856	8.04	0	18.44	0.56	0.03	16.1	4.04	0	2.4
20070416:1956	0	0	0	0	0	14.78	3.61	0	0.0
20070416:2056	0	0	0	0	0	13.47	3.18	0	0.0
20070416:2156	0	0	0	0	0	12.15	2.74	0	0.0
20070416:2256	0	0	0	0	0	11.51	2.45	0	0.0
20070416:2356	0	0	0	0	0	10.88	2.15	0	0.0
20070417:0056	0	0	0	0	0	10.24	1.85	0	0.0
20070417:0156	0	0	0	0	0	9.73	1.76	0	0.0
20070417:0256	0	0	0	0	0	9.23	1.67	0	0.0
20070417:0356	0	0	0	0	0	8.72	1.59	0	0.0
20070417:0456	0	0	0	0	0	8.6	2.36	0	0.0
20070417:0556	0	0	3.33	0.09	7.48	8.49	3.14	0	0.0
20070417:0656	35.93	0	49.35	1.37	16.55	8.37	3.92	0	10.7
20070417:0756	369.01	174.17	195.12	7.78	25.46	9.38	4.32	0	109.8
20070417:0856	739.49	590.05	149.43	13.33	33.75	10.39	4.72	0	220.0
20070417:0956	887.77	736.15	164.28	16.14	40.79	11.4	5.12	0	240.0
20070417:1056	975.25	832.08	172.63	18.13	45.76	12.2	4.94	0	240.0
20070417:1156	987.59	851.79	173.17	18.84	47.77	13	4.77	0	240.0
20070417:1256	899.25	718.02	211.7	17.78	46.38	13.79	4.59	0	240.0

20070417:1356	611.87	314.63	306.48	13.45	41.91	14.22	4.52	0	182.0
20070417:1456	530.45	302.3	236.52	12.05	35.2	14.64	4.46	0	157.8
20070417:1556	337.16	166.78	184.46	8.81	27.09	15.07	4.39	0	100.3
20070417:1656	141.28	38.81	124.95	4.88	18.25	14.39	4.1	0	42.0
20070417:1756	32.64	0	46.76	1.41	9.18	13.71	3.82	0	9.7
20070417:1856	6.47	0	16.13	0.49	0.28	13.03	3.53	0	1.9
20070417:1956	0	0	0	0	0	11.86	3.4	0	0.0
20070417:2056	0	0	0	0	0	10.7	3.26	0	0.0
20070417:2156	0	0	0	0	0	9.53	3.13	0	0.0
20070417:2256	0	0	0	0	0	8.86	3.17	0	0.0
20070417:2356	0	0	0	0	0	8.18	3.2	0	0.0
20070418:0056	0	0	0	0	0	7.51	3.24	0	0.0
20070418:0156	0	0	0	0	0	6.9	2.99	0	0.0
20070418:0256	0	0	0	0	0	6.3	2.74	0	0.0
20070418:0356	0	0	0	0	0	5.69	2.48	0	0.0
20070418:0456	0	0	0	0	0	5.65	2.72	0	0.0
20070418:0556	54.23	43.58	42.79	2.37	7.79	5.62	2.95	0	16.1
20070418:0656	227.2	116	122.48	5.23	16.86	5.58	3.19	0	67.6
20070418:0756	550.01	417.57	127.73	10.18	25.78	7.18	3.43	0	163.6
20070418:0856	757.3	606.97	151.88	13.75	34.08	8.78	3.67	0	225.3
20070418:0956	677.1	367	313.23	13.58	41.14	10.38	3.92	0	201.4
20070418:1056	454.98	111.01	345.55	11.01	46.11	11.22	4	0	135.4
20070418:1156	729.77	381.35	360.64	15.28	48.12	12.06	4.09	0	217.1
20070418:1256	943.84	811.08	168.4	18.64	46.71	12.89	4.18	0	240.0
20070418:1356	828.46	695.72	156.6	17.01	42.21	13.26	3.86	0	240.0
20070418:1456	651.7	527.13	137.7	14.32	35.47	13.63	3.54	0	193.9
20070418:1556	421.82	328.78	110.73	10.85	27.34	14	3.21	0	125.5
20070418:1656	164.75	131.05	74.76	6.92	18.49	13.59	2.52	0	49.0
20070418:1756	30.09	0	43.96	1.32	9.42	13.19	1.83	0	9.0
20070418:1856	0	0	1.13	0.03	0.52	12.79	1.14	0	0.0
20070418:1956	0	0	0	0	0	11.33	1.11	0	0.0
20070418:2056	0	0	0	0	0	9.88	1.08	0	0.0
20070418:2156	0	0	0	0	0	8.42	1.05	0	0.0
20070418:2256	0	0	0	0	0	7.3	1.51	0	0.0
20070418:2356	0	0	0	0	0	6.19	1.98	0	0.0
20070419:0056	0	0	0	0	0	5.07	2.44	0	0.0
20070419:0156	0	0	0	0	0	5.18	2.57	0	0.0
20070419:0256	0	0	0	0	0	5.29	2.7	0	0.0
20070419:0356	0	0	0	0	0	5.4	2.83	0	0.0
20070419:0456	0	0	0	0	0	5.75	3.22	0	0.0
20070419:0556	56.9	45.64	44.03	2.49	8.1	6.1	3.61	0	16.9
20070419:0656	295.55	217.31	92.42	6.35	17.17	6.45	4	0	87.9
20070419:0756	547.61	416.28	127.16	10.23	26.09	8.66	4.4	0	162.9
20070419:0856	753.03	604.03	151.06	13.78	34.41	10.87	4.81	0	224.0
20070419:0956	895.76	750.89	165.64	16.6	41.47	13.08	5.21	0	240.0
20070419:1056	977.46	840.9	172.94	18.48	46.46	14.14	5.33	0	240.0
20070419:1156	990.45	860.05	173.34	19.18	48.47	15.2	5.44	0	240.0
20070419:1256	876.06	666.88	241.28	17.67	47.04	16.25	5.56	0	240.0
20070419:1356	757.52	552.01	225.44	15.88	42.51	16.38	5.5	0	225.4
20070419:1456	643.58	520.45	136.53	14.25	35.74	16.5	5.45	0	191.5
20070419:1556	415.73	324.54	109.94	10.81	27.59	16.62	5.39	0	123.7
20070419:1656	143.66	39.34	127.68	5.02	18.73	15.88	4.66	0	42.7
20070419:1756	25.77	0	39.51	1.19	9.66	15.14	3.93	0	7.7
20070419:1856	0	0	0.32	0.01	0.77	14.4	3.2	0	0.0
20070419:1956	0	0	0	0	0	13.19	3.43	0	0.0
20070419:2056	0	0	0	0	0	11.98	3.65	0	0.0
20070419:2156	0	0	0	0	0	10.77	3.88	0	0.0
20070419:2256	0	0	0	0	0	10.23	3.93	0	0.0
20070419:2356	0	0	0	0	0	9.68	3.98	0	0.0
20070420:0056	0	0	0	0	0	9.14	4.03	0	0.0
20070420:0156	0	0	0	0	0	8.34	3.84	0	0.0
20070420:0256	0	0	0	0	0	7.55	3.65	0	0.0
20070420:0356	0	0	0	0	0	6.75	3.46	0	0.0
20070420:0456	0	0	0	0	0	6.7	3.64	0	0.0
20070420:0556	57.66	45.79	44.52	2.54	8.41	6.66	3.82	0	17.2
20070420:0656	109.61	12.78	108.84	3.24	17.47	6.61	4	0	32.6
20070420:0756	411.41	209.78	197.82	8.51	26.4	7.67	4.07	0	122.4
20070420:0856	614.96	362.57	246.58	11.98	34.73	8.73	4.14	0	183.0
20070420:0956	680.72	369.99	310.41	13.67	41.81	9.79	4.21	0	202.5
20070420:1056	709.05	366.67	348.87	14.69	46.81	10.91	4.06	0	210.9
20070420:1156	983.37	852.59	172.11	19.12	48.82	12.02	3.9	0	240.0
20070420:1256	531.06	179	359.25	12.53	47.37	13.13	3.75	0	158.0
20070420:1356	274.74	20.32	263.92	7.67	42.8	13.55	3.66	0	81.7
20070420:1456	364.24	102.17	270.25	9.33	36	13.96	3.57	0	108.4
20070420:1556	358.45	197.9	175.15	9.45	27.83	14.37	3.48	0	106.6
20070420:1656	119.52	12.95	123.97	3.94	18.97	13.99	3.89	0	35.6
20070420:1756	31.15	0	45.14	1.36	9.89	13.62	4.3	0	9.3
20070420:1856	0	0	3.36	0.1	1.02	13.25	4.72	0	0.0
20070420:1956	0	0	0	0	0	12.24	4.76	0	0.0
20070420:2056	0	0	0	0	0	11.23	4.8	0	0.0
20070420:2156	0	0	0	0	0	10.22	4.84	0	0.0
20070420:2256	0	0	0	0	0	9.77	4.7	0	0.0
20070420:2356	0	0	0	0	0	9.32	4.56	0	0.0
20070421:0056	0	0	0	0	0	8.87	4.41	0	0.0
20070421:0156	0	0	0	0	0	8.71	4.37	0	0.0
20070421:0256	0	0	0	0	0	8.54	4.33	0	0.0
20070421:0356	0	0	0	0	0	8.38	4.29	0	0.0
20070421:0456	0	0	0	0	0	8.3	4.22	0	0.0
20070421:0556	40.5	6.22	50.41	1.58	8.71	8.21	4.14	0	12.0
20070421:0656	170.43	96.58	88.62	4.17	17.78	8.13	4.07	0	50.7
20070421:0756	379.45	229.7	149.88	7.75	26.71	9.84	4.23	0	112.9
20070421:0856	361.36	99.13	264.89	8.67	35.05	11.54	4.38	0	107.5
20070421:0956	480.58	161.47	323.38	11.09	42.14	13.25	4.54	0	143.0
20070421:1056	598.04	247.71	360.76	13.32	47.15	14.57	4.62	0	177.9
20070421:1156	830.49	555.88	307.33	16.97	49.16	15.89	4.7	0	240.0
20070421:1256	795.51	538.66	289.78	16.66	47.69	17.21	4.79	0	236.7
20070421:1356	431.5	124	320.35	10.85	43.09	17.47	4.71	0	128.4
20070421:1456	353.38	97.47	269.09	9.23	36.26	17.72	4.63	0	105.1
20070421:1556	294.23	110.01	201.4	8.12	28.08	17.97	4.55	0	87.5
20070421:1656	161.14	129.28	74.64	7.04	19.2	17.39	4.57	0	47.9
20070421:1756	42.84	0	58.23	1.75	10.13	16.81	4.58	0	12.7
20070421:1856	0	0	4.62	0.14	1.26	16.24	4.59	0	0.0
20070421:1956	0	0	0	0	0	14.9	4.68	0	0.0
20070421:2056	0	0	0	0	0	13.57	4.76	0	0.0
20070421:2156	0	0	0	0	0	12.23	4.84	0	0.0
20070421:2256	0	0	0	0	0	11.6	4.67	0	0.0
20070421:2356	0	0	0	0	0	10.96	4.49	0	0.0

20070422:0056	0	0	0	0	0	10.33	4.32	0	0.0
20070422:0156	0	0	0	0	0	9.85	4.29	0	0.0
20070422:0256	0	0	0	0	0	9.38	4.26	0	0.0
20070422:0356	0	0	0	0	0	8.9	4.23	0	0.0
20070422:0456	11.63	0	22.49	0.68	0.21	9	4.16	0	3.5
20070422:0556	0	0	4.04	0.11	9.01	9.09	4.09	0	0.0
20070422:0656	80.64	2.26	92.05	2.6	18.07	9.19	4.01	0	24.0
20070422:0756	439.54	248.27	192.98	9.09	27.01	10.93	4.19	0	130.8
20070422:0856	648.97	425.29	229.84	12.72	35.36	12.67	4.36	0	193.1
20070422:0956	348.67	58.99	297.63	9.06	42.47	14.41	4.54	0	103.7
20070422:1056	419.22	89.06	340.09	10.64	47.49	15.81	4.68	0	124.7
20070422:1156	337.64	35.85	314.52	9.25	49.5	17.21	4.81	0	100.4
20070422:1256	284.55	17.39	282.26	8.11	48.01	18.61	4.95	0	84.7
20070422:1356	227.4	7.54	235.93	6.69	43.38	18.99	5.03	0	67.7
20070422:1456	182.6	4.61	194.94	5.51	36.53	19.36	5.12	0	54.3
20070422:1556	200.46	26.97	191.21	5.94	28.32	19.74	5.2	0	59.6
20070422:1656	110.89	9.24	121.12	3.73	19.44	19.15	4.64	0	33.0
20070422:1756	38.24	0	53.73	1.62	10.36	18.56	4.09	0	11.4
20070422:1856	0.13	0	5.88	0.18	1.5	17.97	3.53	0	0.0
20070422:1956	0	0	0	0	0	16.63	3.38	0	0.0
20070422:2056	0	0	0	0	0	15.3	3.24	0	0.0
20070422:2156	0	0	0	0	0	13.96	3.09	0	0.0
20070422:2256	0	0	0	0	0	13.45	3.11	0	0.0
20070422:2356	0	0	0	0	0	12.93	3.13	0	0.0
20070423:0056	0	0	0	0	0	12.42	3.14	0	0.0
20070423:0156	0	0	0	0	0	11.75	3.17	0	0.0
20070423:0256	0	0	0	0	0	11.09	3.2	0	0.0
20070423:0356	0	0	0	0	0	10.42	3.23	0	0.0
20070423:0456	8.02	0	18.07	0.54	0.51	10.68	3.55	0	2.4
20070423:0556	36.58	3.34	48.53	1.45	9.3	10.94	3.88	0	10.9
20070423:0656	96.83	7.41	103.76	3.02	18.37	11.2	4.21	0	28.8
20070423:0756	158.07	11.28	158.96	4.59	27.31	12.4	4.55	0	47.0
20070423:0856	189.53	7.58	193.68	5.5	35.67	13.6	4.9	0	56.4
20070423:0956	438.02	130.24	314.07	10.47	42.79	14.8	5.24	0	130.3
20070423:1056	204.28	1.46	215.47	6.01	47.83	15.15	5.3	0	60.8
20070423:1156	151.61	0	166.12	4.62	49.83	15.5	5.36	0	45.1
20070423:1256	101.77	0	117.6	3.27	48.32	15.85	5.42	0	30.3
20070423:1356	159.87	0.06	174.81	4.86	43.67	16.53	5.6	0	47.6
20070423:1456	122.37	0	138.57	3.85	36.78	17.2	5.77	0	36.4
20070423:1556	104.01	0.19	120.6	3.36	28.56	17.88	5.94	0	30.9
20070423:1656	38.73	0	54.13	1.51	19.67	17.62	5.29	0	11.5
20070423:1756	18.65	0	31.69	0.95	10.6	17.36	4.64	0	5.5
20070423:1856	0	0	4.38	0.13	1.74	17.1	3.99	0	0.0
20070423:1956	0	0	0	0	0	16.47	4.21	0	0.0
20070423:2056	0	0	0	0	0	15.84	4.43	0	0.0
20070423:2156	0	0	0	0	0	15.21	4.65	0	0.0
20070423:2256	0	0	0	0	0	14.78	4.86	0	0.0
20070423:2356	0	0	0	0	0	14.34	5.07	0	0.0
20070424:0056	0	0	0	0	0	13.91	5.28	0	0.0
20070424:0156	0	0	0	0	0	13.62	5.54	0	0.0
20070424:0256	0	0	0	0	0	13.32	5.79	0	0.0
20070424:0356	0	0	0	0	0	13.03	6.04	0	0.0
20070424:0456	13.03	0	24.51	0.74	0.81	12.89	5.91	0	3.9
20070424:0556	0	0	4.17	0.12	9.59	12.74	5.77	0	0.0
20070424:0656	35.4	0	49.57	1.38	18.66	12.6	5.64	0	10.5
20070424:0756	68.93	0	83.87	2.33	27.61	12.89	5.94	0	20.5
20070424:0856	155.36	1.32	166.58	4.65	35.97	13.19	6.24	0	46.2
20070424:0956	280.97	25.57	262.59	7.66	43.11	13.48	6.54	0	83.6
20070424:1056	266.23	12.17	263.53	7.5	48.16	14.62	6.41	0	79.2
20070424:1156	417.49	82.91	342.12	10.68	50.16	15.76	6.29	0	124.2
20070424:1256	418.03	90.44	337.38	10.73	48.63	16.89	6.17	0	124.4
20070424:1356	223.64	6.56	231.43	6.55	43.95	17.7	6	0	66.5
20070424:1456	464.82	222.39	255.74	11.34	37.04	18.51	5.84	0	138.3
20070424:1556	289	106.1	200.94	8.1	28.8	19.32	5.68	0	86.0
20070424:1656	91.37	2.82	106.52	3.07	19.9	18.95	4.97	0	27.2
20070424:1756	44.97	0	60.9	1.83	10.83	18.58	4.27	0	13.4
20070424:1856	0.97	0	7.66	0.23	1.98	18.21	3.56	0	0.3
20070424:1956	0	0	0	0	0	17.48	3.51	0	0.0
20070424:2056	0	0	0	0	0	16.76	3.47	0	0.0
20070424:2156	0	0	0	0	0	16.03	3.42	0	0.0
20070424:2256	0	0	0	0	0	15.69	3.37	0	0.0
20070424:2356	0	0	0	0	0	15.34	3.33	0	0.0
20070425:0056	0	0	0	0	0	15	3.28	0	0.0
20070425:0156	0	0	0	0	0	14.73	3.96	0	0.0
20070425:0256	0	0	0	0	0	14.45	4.63	0	0.0
20070425:0356	0	0	0	0	0	14.18	5.31	0	0.0
20070425:0456	0	0	3.93	0.12	1.1	14.03	5.18	0	0.0
20070425:0556	40.31	3.54	52.86	1.58	9.88	13.87	5.05	0	12.0
20070425:0656	86.1	3.28	98.16	2.79	18.94	13.72	4.92	0	25.6
20070425:0756	81.67	0	97.12	2.7	27.89	14.42	5.33	0	24.3
20070425:0856	175.87	4.01	185.18	5.21	36.27	15.11	5.74	0	52.3
20070425:0956	648.67	350.61	308.1	13.59	43.43	15.81	6.15	0	193.0
20070425:1056	671.71	333.11	352.43	14.51	48.49	16.49	6.28	0	199.8
20070425:1156	817.22	531.71	311.35	16.93	50.49	17.17	6.41	0	240.0
20070425:1256	164.04	0	179.76	5	48.94	17.84	6.54	0	48.8
20070425:1356	377.17	76.12	312.48	9.93	44.23	17.88	6.45	0	112.2
20070425:1456	452.19	194.71	268.73	11.17	37.3	17.92	6.36	0	134.5
20070425:1556	197.67	21.89	191.37	5.85	29.04	17.96	6.28	0	58.8
20070425:1656	147.77	33.96	136.62	5.17	20.13	17.27	5.42	0	44.0
20070425:1756	49.24	0	64.87	1.95	11.06	16.58	4.57	0	14.6
20070425:1856	2.02	0	9.52	0.29	2.22	15.89	3.71	0	0.6
20070425:1956	0	0	0	0	0	14.58	3.35	0	0.0
20070425:2056	0	0	0	0	0	13.26	2.99	0	0.0
20070425:2156	0	0	0	0	0	11.95	2.63	0	0.0
20070425:2256	0	0	0	0	0	11.47	2.89	0	0.0
20070425:2356	0	0	0	0	0	10.98	3.15	0	0.0
20070426:0056	0	0	0	0	0	10.5	3.41	0	0.0
20070426:0156	0	0	0	0	0	9.84	3.45	0	0.0
20070426:0256	0	0	0	0	0	9.19	3.49	0	0.0
20070426:0356	0	0	0	0	0	8.53	3.53	0	0.0
20070426:0456	0.25	0	6	0.18	1.39	8.6	3.85	0	0.1
20070426:0556	18.62	0	30.71	0.85	10.16	8.67	4.17	0	5.5
20070426:0656	257.56	144.92	125.34	6.16	19.22	8.74	4.48	0	76.6
20070426:0756	550.77	422.72	126.36	10.87	28.18	10.2	4.62	0	163.9
20070426:0856	748.75	604.51	148.64	14.33	36.57	11.67	4.75	0	222.8
20070426:0956	650.44	336.82	319.93	13.7	43.74	13.13	4.88	0	193.5
20070426:1056	754.89	437.91	331.93	15.69	48.81	14.12	5.17	0	224.6

20070426:1156	583.64	218.32	374.23	13.52	50.82	15.11	5.46	0	173.6
20070426:1256	624.29	279.08	357.14	14.21	49.25	16.09	5.75	0	185.7
20070426:1356	448.81	132.54	324.06	11.19	44.51	16.06	5.99	0	133.5
20070426:1456	142.23	0.11	157.09	4.37	37.55	16.02	6.23	0	42.3
20070426:1556	78.12	0	94.14	2.62	29.27	15.99	6.47	0	23.2
20070426:1656	12.38	0	23.95	0.67	20.35	15	6.35	0	3.7
20070426:1756	49.61	0	64.55	1.94	11.28	14.01	6.23	0	14.8
20070426:1856	3.11	0	11.22	0.34	2.46	13.02	6.11	0	0.9
20070426:1956	0	0	0	0	0	11.82	6.08	0	0.0
20070426:2056	0	0	0	0	0	10.61	6.05	0	0.0
20070426:2156	0	0	0	0	0	9.41	6.01	0	0.0
20070426:2256	0	0	0	0	0	9.03	6.1	0	0.0
20070426:2356	0	0	0	0	0	8.65	6.19	0	0.0
20070427:0056	0	0	0	0	0	8.27	6.28	0	0.0
20070427:0156	0	0	0	0	0	8.23	6.02	0	0.0
20070427:0256	0	0	0	0	0	8.18	5.77	0	0.0
20070427:0356	0	0	0	0	0	8.14	5.52	0	0.0
20070427:0456	0.12	0	5.71	0.17	1.68	8.25	5.71	0	0.0
20070427:0556	25.67	0.11	38.38	1.07	10.44	8.36	5.91	0	7.6
20070427:0656	48.54	0	62.2	1.73	19.5	8.47	6.11	0	14.4
20070427:0756	115.58	0.63	127.05	3.54	28.46	9.56	6.29	0	34.4
20070427:0856	196.99	6.88	198.47	5.62	36.86	10.64	6.48	0	58.6
20070427:0956	286.09	24.18	266.61	7.76	44.05	11.73	6.66	0	85.1
20070427:1056	275.47	13.03	269.6	7.69	49.13	13.13	6.65	0	82.0
20070427:1156	305.21	20.27	292.86	8.45	51.14	14.53	6.64	0	90.8
20070427:1256	523.29	172.53	357.74	12.57	49.55	15.93	6.63	0	155.7
20070427:1356	805.04	668.77	150.64	17.16	44.78	16.01	6.59	0	239.5
20070427:1456	632.95	507.46	132.84	14.55	37.8	16.08	6.55	0	188.3
20070427:1556	339.36	163.08	189.69	9.3	29.5	16.16	6.51	0	101.0
20070427:1656	142.07	23.98	137.39	4.81	20.58	15.22	6.43	0	42.3
20070427:1756	26.28	0	39.91	1.2	11.51	14.28	6.34	0	7.8
20070427:1856	26.41	0	39.91	1.2	2.69	13.35	6.26	0	7.9
20070427:1956	0	0	0	0	0	11.95	6.04	0	0.0
20070427:2056	0	0	0	0	0	10.56	5.82	0	0.0
20070427:2156	0	0	0	0	0	9.16	5.6	0	0.0
20070427:2256	0	0	0	0	0	8.77	5.41	0	0.0
20070427:2356	0	0	0	0	0	8.39	5.21	0	0.0
20070428:0056	0	0	0	0	0	8	5.02	0	0.0
20070428:0156	0	0	0	0	0	7.85	5.12	0	0.0
20070428:0256	0	0	0	0	0	7.7	5.22	0	0.0
20070428:0356	0	0	0	0	0	7.55	5.32	0	0.0
20070428:0456	1.45	0	8.31	0.25	1.95	7.78	5.44	0	0.4
20070428:0556	55.78	7.86	64.45	2.05	10.71	8.01	5.55	0	16.6
20070428:0656	176.74	46.15	141.12	4.77	19.77	8.24	5.67	0	52.6
20070428:0756	560.08	428.32	126.87	11.13	28.74	10.16	5.77	0	166.6
20070428:0856	757.83	609.82	148.79	14.59	37.15	12.09	5.87	0	225.5
20070428:0956	894.45	750.79	162.32	17.32	44.35	14.01	5.97	0	240.0
20070428:1056	974.28	838.87	169.42	19.19	49.45	15.25	6.11	0	240.0
20070428:1156	984.15	855.28	169.65	19.84	51.45	16.49	6.26	0	240.0
20070428:1256	929.35	802.85	164.09	19.31	49.85	17.73	6.4	0	240.0
20070428:1356	816.02	685.37	152.35	17.61	45.05	17.48	6.59	0	240.0
20070428:1456	644.41	520.92	134.36	14.97	38.04	17.23	6.79	0	191.7
20070428:1556	419.96	327.83	109.14	11.57	29.73	16.98	6.98	0	124.9
20070428:1656	169.68	135.03	75.97	7.73	20.8	15.73	6.65	0	50.5
20070428:1756	36.72	0	51.22	1.54	11.74	14.48	6.32	0	10.9
20070428:1856	4.91	0	13.94	0.42	2.93	13.24	5.99	0	1.5
20070428:1956	0	0	0	0	0	11.74	5.49	0	0.0
20070428:2056	0	0	0	0	0	10.24	5	0	0.0
20070428:2156	0	0	0	0	0	8.74	4.51	0	0.0
20070428:2256	0	0	0	0	0	8.25	4.34	0	0.0
20070428:2356	0	0	0	0	0	7.76	4.18	0	0.0
20070429:0056	0	0	0	0	0	7.27	4.01	0	0.0
20070429:0156	0	0	0	0	0	7.22	4.1	0	0.0
20070429:0256	0	0	0	0	0	7.17	4.18	0	0.0
20070429:0356	0	0	0	0	0	7.12	4.26	0	0.0
20070429:0456	2.24	0	9.64	0.29	2.23	7.42	4.25	0	0.7
20070429:0556	76.67	59.64	52.35	3.46	10.98	7.71	4.23	0	22.8
20070429:0656	161.12	34.6	137.47	4.47	20.03	8.01	4.22	0	47.9
20070429:0756	98.24	0	111.55	3.1	29.01	10.11	4.31	0	29.2
20070429:0856	176.99	2.76	185.53	5.2	37.43	12.2	4.4	0	52.7
20070429:0956	198.44	1.75	209.01	5.84	44.65	14.3	4.5	0	59.0
20070429:1056	259.2	8.52	262.73	7.43	49.76	15.77	4.74	0	77.1
20070429:1156	500.23	142.49	371.39	12.4	51.77	17.24	4.98	0	148.8
20070429:1256	744.82	458.82	316.95	16.4	50.15	18.7	5.23	0	221.6
20070429:1356	485.89	170.49	329.7	12.05	45.32	18.44	5.49	0	144.6
20070429:1456	467.27	214.67	265.41	11.63	38.29	18.18	5.75	0	139.0
20070429:1556	408.79	320.55	107.97	11.41	29.96	17.92	6.01	0	121.6
20070429:1656	160.11	47.41	137.61	5.83	21.02	17.08	5.99	0	47.6
20070429:1756	54.39	0	70.06	2.11	11.96	16.25	5.97	0	16.2
20070429:1856	5.6	0	15.03	0.45	3.16	15.42	5.94	0	1.7
20070429:1956	0	0	0	0	0	13.9	5.79	0	0.0
20070429:2056	0	0	0	0	0	12.38	5.63	0	0.0
20070429:2156	0	0	0	0	0	10.86	5.48	0	0.0
20070429:2256	0	0	0	0	0	10.38	5.41	0	0.0
20070429:2356	0	0	0	0	0	9.89	5.34	0	0.0
20070430:0056	0	0	0	0	0	9.41	5.27	0	0.0
20070430:0156	0	0	0	0	0	8.76	5.12	0	0.0
20070430:0256	0	0	0	0	0	8.1	4.97	0	0.0
20070430:0356	0	0	0	0	0	7.45	4.81	0	0.0
20070430:0456	3.55	0	11.71	0.35	2.5	7.83	5.15	0	1.1
20070430:0556	83.5	66.31	54.56	3.78	11.24	8.21	5.49	0	24.8
20070430:0656	330.08	245.35	97.57	7.73	20.3	8.59	5.83	0	98.2
20070430:0756	585.28	449.85	130.14	11.75	29.27	10.4	6.23	0	174.1
20070430:0856	788.25	636.05	151.95	15.28	37.7	12.21	6.62	0	234.5
20070430:0956	929.54	780.11	165.4	18.08	44.94	14.02	7.01	0	240.0
20070430:1056	1009.48	866.65	171.83	19.91	50.07	14.96	7.2	0	240.0
20070430:1156	661.59	380	287.22	14.12	52.08	15.9	7.4	0	196.8
20070430:1256	618.1	332.6	292.44	13.69	50.44	16.83	7.6	0	183.9
20070430:1356	558.3	330.34	231.82	12.56	45.59	16.66	7.69	0	166.1
20070430:1456	441.66	246.25	200.3	10.69	38.53	16.49	7.78	0	131.4
20070430:1556	316.28	182.13	147.41	8.81	30.19	16.32	7.88	0	94.1
20070430:1656	131.64	44.34	110.9	4.97	21.24	15.35	7.55	0	39.2
20070430:1756	33.89	0	48.18	1.45	12.18	14.39	7.23	0	10.1
20070430:1856	7.17	0	17.1	0.51	3.39	13.43	6.91	0	2.1
20070430:1956	0	0	0	0	0	12.23	6.68	0	0.0
20070430:2056	0	0	0	0	0	11.04	6.45	0	0.0
20070430:2156	0	0	0	0	0	9.84	6.22	0	0.0

20070430:2256	0	0	0	0	0	9.69	6.08	0	0.0
20070430:2356	0	0	0	0	0	9.55	5.94	0	0.0
20070501:0056	0	0	0	0	0	9.4	5.79	0	0.0
20070501:0156	0	0	0	0	0	9.09	5.67	0	0.0
20070501:0256	0	0	0	0	0	8.78	5.54	0	0.0
20070501:0356	0	0	0	0	0	8.46	5.42	0	0.0
20070501:0456	4.29	0	12.84	0.39	2.77	8.86	5.51	0	1.3
20070501:0556	83.76	69.23	53.07	3.88	11.5	9.26	5.6	0	24.9
20070501:0656	329.57	250.29	93.88	7.81	20.55	9.66	5.7	0	98.0
20070501:0756	576.33	450.55	123.82	11.7	29.53	11.57	6.04	0	171.5
20070501:0856	774.86	635.03	144.36	15.19	37.98	13.47	6.39	0	230.5
20070501:0956	912.47	777.51	156.92	17.94	45.23	15.37	6.73	0	240.0
20070501:1056	994.29	866.94	163.39	19.83	50.37	16.3	6.91	0	240.0
20070501:1156	1005.03	882.78	163.45	20.48	52.38	17.24	7.08	0	240.0
20070501:1256	950.26	828.75	158.06	19.94	50.73	18.17	7.26	0	240.0
20070501:1356	838.68	714.32	147.43	18.34	45.85	18.14	7.3	0	240.0
20070501:1456	662.61	545.22	130.28	15.65	38.77	18.12	7.35	0	197.1
20070501:1556	432.93	346.02	106.01	12.2	30.41	18.09	7.39	0	128.8
20070501:1656	177.53	147.46	74.3	8.39	21.46	17.04	7.08	0	52.8
20070501:1756	37.85	0	52.71	1.59	12.4	15.99	6.77	0	11.3
20070501:1856	7.68	0	17.87	0.54	3.61	14.94	6.46	0	2.3
20070501:1956	0	0	0	0	-4.52	13.37	6.07	0	0.0
20070501:2056	0	0	0	0	0	11.81	5.69	0	0.0
20070501:2156	0	0	0	0	0	10.25	5.31	0	0.0
20070501:2256	0	0	0	0	0	9.85	5.08	0	0.0
20070501:2356	0	0	0	0	0	9.46	4.84	0	0.0
20070502:0056	0	0	0	0	0	9.06	4.61	0	0.0
20070502:0156	0	0	0	0	0	8.6	4.56	0	0.0
20070502:0256	0	0	0	0	0	8.15	4.51	0	0.0
20070502:0356	0	0	0	0	0	7.69	4.46	0	0.0
20070502:0456	0	0	3.61	0.11	3.03	8.08	4.62	0	0.0
20070502:0556	30.33	0	43.47	1.21	11.76	8.46	4.79	0	9.0
20070502:0656	100.6	2.69	110.62	3.13	20.81	8.85	4.95	0	29.9
20070502:0756	119.82	0.3	132.2	3.68	29.79	10.78	5.29	0	35.6
20070502:0856	192.61	3.72	199.57	5.61	38.24	12.71	5.62	0	57.3
20070502:0956	300.95	25.56	283.88	8.27	45.51	14.64	5.96	0	89.5
20070502:1056	760.99	423.52	354.21	16.28	50.67	15.57	6.14	0	226.4
20070502:1156	1000.27	879.83	162.89	20.5	52.68	16.51	6.33	0	240.0
20070502:1256	946.14	825.92	157.53	19.96	51.01	17.45	6.51	0	240.0
20070502:1356	827.84	703.54	146.08	18.17	46.11	17.19	6.49	0	240.0
20070502:1456	654.88	536.9	129.06	15.51	39	16.94	6.46	0	194.8
20070502:1556	428.75	340.65	105.2	12.1	30.63	16.68	6.44	0	127.6
20070502:1656	173.89	142.33	73.62	8.2	21.67	15.43	6.19	0	51.7
20070502:1756	37.8	0	52.31	1.57	12.61	14.18	5.94	0	11.2
20070502:1856	5.23	0	14.38	0.43	3.84	12.93	5.68	0	1.6
20070502:1956	0	0	0	0	0	11.25	5.47	0	0.0
20070502:2056	0	0	0	0	0	9.58	5.25	0	0.0
20070502:2156	0	0	0	0	0	7.91	5.03	0	0.0
20070502:2256	0	0	0	0	0	7.33	4.89	0	0.0
20070502:2356	0	0	0	0	0	6.76	4.74	0	0.0
20070503:0056	0	0	0	0	0	6.18	4.59	0	0.0
20070503:0156	0	0	0	0	0	5.85	4.51	0	0.0
20070503:0256	0	0	0	0	0	5.52	4.43	0	0.0
20070503:0356	0	0	0	0	0	5.19	4.34	0	0.0
20070503:0456	6.18	0	15.32	0.46	3.28	5.27	4.45	0	1.8
20070503:0556	18.21	0	29.87	0.83	12.01	5.35	4.55	0	5.4
20070503:0656	53.58	0	66.5	1.85	21.05	5.43	4.65	0	15.9
20070503:0756	93.69	0	105.54	2.93	30.04	6.44	4.66	0	27.9
20070503:0856	121.57	0	132.43	3.68	38.5	7.46	4.67	0	36.2
20070503:0956	192.63	0.38	199.63	5.56	45.79	8.48	4.68	0	57.3
20070503:1056	230.03	1.46	235.07	6.56	50.96	9.72	4.64	0	68.4
20070503:1156	376.03	41.4	336.64	9.99	52.98	10.96	4.6	0	111.9
20070503:1256	746.47	413.15	343.43	16.43	51.29	12.2	4.57	0	222.1
20070503:1356	830.63	699.12	145.32	18.14	46.36	12.75	4.68	0	240.0
20070503:1456	656.83	533.55	128.49	15.5	39.23	13.31	4.8	0	195.4
20070503:1556	430.09	338.78	104.76	12.1	30.85	13.86	4.91	0	128.0
20070503:1656	176.1	142.74	73.71	8.27	21.89	13.1	4.92	0	52.4
20070503:1756	51.59	0	66.17	1.99	12.83	12.34	4.94	0	15.3
20070503:1856	7.59	0	17.54	0.53	4.06	11.58	4.95	0	2.3
20070503:1956	0	0	0	0	0	10.39	4.91	0	0.0
20070503:2056	0	0	0	0	0	9.2	4.86	0	0.0
20070503:2156	0	0	0	0	0	8.01	4.81	0	0.0
20070503:2256	0	0	0	0	0	7.62	4.73	0	0.0
20070503:2356	0	0	0	0	0	7.24	4.64	0	0.0
20070504:0056	0	0	0	0	0	6.85	4.55	0	0.0
20070504:0156	0	0	0	0	0	6.8	4.69	0	0.0
20070504:0256	0	0	0	0	0	6.75	4.83	0	0.0
20070504:0356	0	0	0	0	0	6.69	4.97	0	0.0
20070504:0456	7.12	0	16.65	0.5	3.53	6.92	5.15	0	2.1
20070504:0556	34.72	0.1	47.77	1.33	12.25	7.15	5.33	0	10.3
20070504:0656	57.35	0	70.71	1.97	21.3	7.38	5.52	0	17.1
20070504:0756	84.83	0	97.73	2.72	30.29	8.22	5.54	0	25.2
20070504:0856	101.98	0	114.53	3.18	38.76	9.06	5.55	0	30.3
20070504:0956	102.98	0	115.89	3.22	46.06	9.91	5.57	0	30.6
20070504:1056	206.31	0.19	214.7	5.97	51.25	10.97	5.58	0	61.4
20070504:1156	311.72	15.68	301.07	8.62	53.27	12.04	5.58	0	92.7
20070504:1256	242.69	2.76	249.04	6.97	51.57	13.11	5.59	0	72.2
20070504:1356	182.85	0.11	194.42	5.41	46.62	13.33	5.65	0	54.4
20070504:1456	151.63	0.05	164.63	4.58	39.46	13.54	5.71	0	45.1
20070504:1556	99.84	0	114.67	3.19	31.07	13.76	5.78	0	29.7
20070504:1656	92.44	0.6	106.61	2.99	22.1	13	5.75	0	27.5
20070504:1756	41.95	0	56.24	1.69	13.04	12.24	5.71	0	12.5
20070504:1856	6	0	15.4	0.46	4.28	11.48	5.68	0	1.8
20070504:1956	0	0	0	0	0	10.21	5.16	0	0.0
20070504:2056	0	0	0	0	0	8.94	4.63	0	0.0
20070504:2156	0	0	0	0	0	7.67	4.11	0	0.0
20070504:2256	0	0	0	0	0	7.49	4.29	0	0.0
20070504:2356	0	0	0	0	0	7.32	4.46	0	0.0
20070505:0056	0	0	0	0	0	7.14	4.63	0	0.0
20070505:0156	0	0	0	0	0	6.81	4.51	0	0.0
20070505:0256	0	0	0	0	0	6.49	4.38	0	0.0
20070505:0356	0	0	0	0	0	6.16	4.25	0	0.0
20070505:0456	8.14	0	17.95	0.54	3.78	6.38	4.28	0	2.4
20070505:0556	19.42	0	31.36	0.87	12.49	6.6	4.3	0	5.8
20070505:0656	54.04	0	67.33	1.87	21.53	6.82	4.33	0	16.1
20070505:0756	83.68	0	96.55	2.68	30.53	7.79	4.19	0	24.9
20070505:0856	116.86	0	128.75	3.58	39.01	8.75	4.05	0	34.8

20070505:0956	119.78	0	132.08	3.67	46.32	9.72	3.9	0	35.6
20070505:1056	190.7	0	200.6	5.58	51.53	10.8	3.57	0	56.7
20070505:1156	231.43	1.05	239.89	6.69	53.56	11.89	3.24	0	68.9
20070505:1256	282.75	10.03	282.25	8.02	51.84	12.97	2.91	0	84.1
20070505:1356	413.6	89.14	334.33	10.86	46.87	13.47	2.4	0	123.0
20070505:1456	640.11	534.93	128.22	15.67	39.69	13.98	1.88	0	190.4
20070505:1556	421.84	340.38	104.77	12.28	31.28	14.48	1.37	0	125.5
20070505:1656	174.56	143.97	73.94	8.43	22.31	14.6	0.99	0	51.9
20070505:1756	39.11	0	53.97	1.62	13.25	14.71	0.61	0	11.6
20070505:1856	10.55	0	21.64	0.65	4.5	14.83	0.23	0	3.1
20070505:1956	0	0	0	0	0	13.05	0.91	0	0.0
20070505:2056	0	0	0	0	0	11.27	1.59	0	0.0
20070505:2156	0	0	0	0	0	9.49	2.26	0	0.0
20070505:2256	0	0	0	0	0	9.58	2.8	0	0.0
20070505:2356	0	0	0	0	0	9.68	3.33	0	0.0
20070506:0056	0	0	0	0	0	9.77	3.86	0	0.0
20070506:0156	0	0	0	0	0	9.82	4.37	0	0.0
20070506:0256	0	0	0	0	0	9.88	4.87	0	0.0
20070506:0356	0	0	0	0	0	9.93	5.38	0	0.0
20070506:0456	1.3	0	8.1	0.24	4.02	10.27	5.82	0	0.4
20070506:0556	42.21	0.57	55.88	1.57	12.72	10.61	6.25	0	12.6
20070506:0656	209.25	68.3	152.51	5.63	21.77	10.95	6.69	0	62.3
20070506:0756	197.24	17.54	189.05	5.56	30.77	12.02	7.32	0	58.7
20070506:0856	153.98	0.25	166.01	4.62	39.26	13.08	7.95	0	45.8
20070506:0956	251.33	9.6	250.38	7.11	46.59	14.15	8.58	0	74.8
20070506:1056	332.59	28.54	310.13	9.06	51.81	14.53	8.19	0	98.9
20070506:1156	441.6	83.75	361.86	11.35	53.84	14.92	7.81	0	131.4
20070506:1256	596.26	229.8	371.04	14.07	52.11	15.3	7.42	0	177.4
20070506:1356	294.54	21.93	281.88	8.24	47.11	15.76	7.73	0	87.6
20070506:1456	279.59	30.95	258.75	7.84	39.92	16.22	8.04	0	83.2
20070506:1556	229.32	30.83	211.55	6.7	31.49	16.68	8.34	0	68.2
20070506:1656	41.06	0	56.19	1.56	22.51	15.91	7.77	0	12.2
20070506:1756	33.95	0	48.38	1.46	13.46	15.13	7.2	0	10.1
20070506:1856	11.9	0	23.26	0.7	4.72	14.36	6.62	0	3.5
20070506:1956	0	0	0	0	0	13.45	6.09	0	0.0
20070506:2056	0	0	0	0	0	12.54	5.55	0	0.0
20070506:2156	0	0	0	0	0	11.64	5.02	0	0.0
20070506:2256	0	0	0	0	0	11.31	5.04	0	0.0
20070506:2356	0	0	0	0	0	10.99	5.06	0	0.0
20070507:0056	0	0	0	0	0	10.67	5.08	0	0.0
20070507:0156	0	0	0	0	0	10.99	5.43	0	0.0
20070507:0256	0	0	0	0	0	11.32	5.78	0	0.0
20070507:0356	0	0	0	0	0	11.64	6.14	0	0.0
20070507:0456	5.16	0	14.22	0.43	4.26	11.59	5.78	0	1.5
20070507:0556	33.83	0.03	47.68	1.33	12.95	11.53	5.42	0	10.1
20070507:0656	72.98	0.05	87.38	2.43	21.99	11.48	5.06	0	21.7
20070507:0756	98.15	0	112.25	3.12	31	11.95	4.87	0	29.2
20070507:0856	198.33	4.42	204.38	5.76	39.5	12.42	4.69	0	59.0
20070507:0956	220.54	3	227.71	6.38	46.84	12.89	4.5	0	65.6
20070507:1056	203.61	0.25	214.31	5.96	52.08	13.08	4.75	0	60.6
20070507:1156	176.51	0	188.58	5.24	54.12	13.28	5	0	52.5
20070507:1256	274.31	8.53	274.29	7.77	52.37	13.47	5.26	0	81.6
20070507:1356	157.1	0	170.02	4.73	47.35	13.74	6.11	0	46.7
20070507:1456	350.39	71.1	284.37	9.37	40.14	14.02	6.97	0	104.2
20070507:1556	359.02	165.64	202.15	10.07	31.7	14.29	7.83	0	106.8
20070507:1656	62.3	0	77.55	2.16	22.72	14.08	7.63	0	18.5
20070507:1756	61.78	0	76.82	2.31	13.67	13.86	7.42	0	18.4
20070507:1856	0	0	3.48	0.1	4.93	13.65	7.21	0	0.0
20070507:1956	0	0	0	0	0	12.86	7.16	0	0.0
20070507:2056	0	0	0	0	0	12.08	7.1	0	0.0
20070507:2156	0	0	0	0	0	11.3	7.05	0	0.0
20070507:2256	0	0	0	0	0	11.01	7.04	0	0.0
20070507:2356	0	0	0	0	0	10.72	7.04	0	0.0
20070508:0056	0	0	0	0	0	10.43	7.03	0	0.0
20070508:0156	0	0	0	0	0	10.16	7	0	0.0
20070508:0256	0	0	0	0	0	9.9	6.96	0	0.0
20070508:0356	0	0	0	0	0	9.63	6.92	0	0.0
20070508:0456	7.45	0	17.26	0.52	4.49	9.9	6.81	0	2.2
20070508:0556	54.35	1.67	67.36	1.94	13.18	10.17	6.69	0	16.2
20070508:0656	108.98	3.33	118.64	3.37	22.21	10.44	6.58	0	32.4
20070508:0756	398.94	167.15	229.75	9.26	31.22	10.86	7.21	0	118.7
20070508:0856	324.14	51.54	273.89	8.42	39.73	11.28	7.84	0	96.4
20070508:0956	303.72	22.71	284.05	8.25	47.09	11.7	8.47	0	90.4
20070508:1056	796.23	445.14	346.23	16.74	52.35	12.45	9.07	0	236.9
20070508:1156	458.03	85.6	370.83	11.64	54.39	13.2	9.67	0	136.3
20070508:1256	604.89	220.19	380.75	14.2	52.64	13.95	10.28	0	180.0
20070508:1356	216.45	1.73	224.9	6.29	47.59	14.42	10.48	0	64.4
20070508:1456	68.18	0	83.65	2.33	40.36	14.89	10.68	0	20.3
20070508:1556	110.52	0	125.54	3.49	31.91	15.36	10.88	0	32.9
20070508:1656	167.48	30.56	155.59	5.73	22.92	14.85	10.01	0	49.8
20070508:1756	66.09	0	81.24	2.45	13.87	14.34	9.14	0	19.7
20070508:1856	1.89	0	9.24	0.28	5.14	13.83	8.26	0	0.6
20070508:1956	0	0	0	0	0	12.94	7.71	0	0.0
20070508:2056	0	0	0	0	0	12.06	7.17	0	0.0
20070508:2156	0	0	0	0	0	11.18	6.62	0	0.0
20070508:2256	0	0	0	0	0	10.74	6.23	0	0.0
20070508:2356	0	0	0	0	0	10.31	5.84	0	0.0
20070509:0056	0	0	0	0	0	9.87	5.45	0	0.0
20070509:0156	0	0	0	0	0	9.43	4.72	0	0.0
20070509:0256	0	0	0	0	0	8.99	3.99	0	0.0
20070509:0356	0	0	0	0	0	8.55	3.26	0	0.0
20070509:0456	10.82	0	21.47	0.65	4.71	8.68	3.45	0	3.2
20070509:0556	41.85	0.16	55.44	1.55	13.4	8.81	3.64	0	12.5
20070509:0656	164.53	24.35	150.96	4.71	22.43	8.94	3.83	0	48.9
20070509:0756	408.97	180.42	228.78	9.5	31.44	10.14	4.03	0	121.7
20070509:0856	540.86	249.01	292.05	12.11	39.96	11.34	4.23	0	160.9
20070509:0956	711.24	403.67	316.86	15.29	47.34	12.55	4.43	0	211.6
20070509:1056	553.61	179.28	379.74	13.27	52.61	13.2	4.62	0	164.7
20070509:1156	521.91	142.78	385.39	12.93	54.66	13.86	4.81	0	155.3
20070509:1256	409.45	65.81	350.76	10.84	52.89	14.51	5.01	0	121.8
20070509:1356	223.43	2.89	231.95	6.51	47.83	14.6	5.49	0	66.5
20070509:1456	129.67	0	144.19	4.01	40.57	14.7	5.96	0	38.6
20070509:1556	52.69	0	68.04	1.89	32.11	14.79	6.44	0	15.7
20070509:1656	25.82	0	39.44	1.1	23.12	13.95	6.34	0	7.7
20070509:1756	10.62	0	21.56	0.65	14.07	13.11	6.23	0	3.2
20070509:1856	10.64	0	21.52	0.65	5.35	12.27	6.12	0	3.2
20070509:1956	0	0	0	0	0	12.16	7.25	0	0.0

20070509:2056	0	0	0	0	0	12.05	8.37	0	0.0
20070509:2156	0	0	0	0	0	11.95	9.49	0	0.0
20070509:2256	0	0	0	0	0	11.78	9.37	0	0.0
20070509:2356	0	0	0	0	0	11.61	9.24	0	0.0
20070510:0056	0	0	0	0	0	11.44	9.12	0	0.0
20070510:0156	0	0	0	0	0	10.81	8.91	0	0.0
20070510:0256	0	0	0	0	0	10.18	8.7	0	0.0
20070510:0356	0	0	0	0	0	9.55	8.5	0	0.0
20070510:0456	11.49	0	22.37	0.67	4.93	9.71	8.34	0	3.4
20070510:0556	99.27	61.81	70.88	4.36	13.61	9.86	8.18	0	29.5
20070510:0656	291.86	156.12	145.44	7.44	22.64	10.02	8.03	0	86.8
20070510:0756	259.74	43.24	220.82	6.89	31.65	10.95	8.78	0	77.3
20070510:0856	437.99	133.01	300.5	10.45	40.19	11.88	9.54	0	130.3
20070510:0956	496.62	142.7	349.04	11.87	47.58	12.82	10.29	0	147.7
20070510:1056	580.38	193.08	381.74	13.56	52.87	13.26	10.41	0	172.7
20070510:1156	190.37	0	201.12	5.59	54.92	13.71	10.53	0	56.6
20070510:1256	315.89	18.21	302.89	8.73	53.15	14.16	10.65	0	94.0
20070510:1356	368.43	52.44	318.39	9.81	48.06	13.97	10.36	0	109.6
20070510:1456	237.12	10.82	234.81	6.76	40.78	13.79	10.07	0	70.5
20070510:1556	232.03	26.46	214.81	6.69	32.31	13.6	9.78	0	69.0
20070510:1656	92.41	0.41	106.4	2.98	23.32	12.61	8.38	0	27.5
20070510:1756	51.95	0	66.29	2	14.27	11.62	6.98	0	15.5
20070510:1856	15.83	0	27.63	0.83	5.56	10.63	5.59	0	4.7
20070510:1956	0	0	0	0	0	10.35	5	0	0.0
20070510:2056	0	0	0	0	0	10.07	4.42	0	0.0
20070510:2156	0	0	0	0	0	9.8	3.83	0	0.0
20070510:2256	0	0	0	0	0	9.81	2.9	0	0.0
20070510:2356	0	0	0	0	0	9.83	1.97	0	0.0
20070511:0056	0	0	0	0	0	9.84	1.03	0	0.0
20070511:0156	0	0	0	0	0	9.48	2.67	0	0.0
20070511:0256	0	0	0	0	0	9.12	4.3	0	0.0
20070511:0356	0	0	0	0	0	8.76	5.93	0	0.0
20070511:0456	11.12	0	21.84	0.66	5.15	8.71	5.69	0	3.3
20070511:0556	47.66	0.41	61.1	1.72	13.82	8.66	5.45	0	14.2
20070511:0656	55.23	0	68.96	1.92	22.85	8.6	5.21	0	16.4
20070511:0756	353.53	114.95	237.49	8.6	31.86	9.36	5.5	0	105.2
20070511:0856	445.01	138.86	301.81	10.6	40.4	10.11	5.79	0	132.4
20070511:0956	366.63	50.33	316.55	9.58	47.81	10.87	6.08	0	109.1
20070511:1056	301.43	12.89	292.94	8.35	53.12	11.56	6.14	0	89.7
20070511:1156	318.63	15.63	307.66	8.81	55.18	12.25	6.2	0	94.8
20070511:1256	795.01	475.57	326.19	17.54	53.39	12.94	6.26	0	236.5
20070511:1356	634.85	309	326.06	14.88	48.29	13.16	6.45	0	188.9
20070511:1456	96.99	0	111.64	3.1	40.99	13.37	6.63	0	28.9
20070511:1556	127.56	0.17	141.21	3.93	32.51	13.59	6.81	0	37.9
20070511:1656	131.9	5.66	140.34	4.17	23.51	12.54	6.7	0	39.2
20070511:1756	61.07	0	75.41	2.27	14.47	11.48	6.59	0	18.2
20070511:1856	7.21	0	16.98	0.51	5.76	10.43	6.48	0	2.1
20070511:1956	0	0	0	0	0	10.24	6.27	0	0.0
20070511:2056	0	0	0	0	0	10.05	6.06	0	0.0
20070511:2156	0	0	0	0	0	9.86	5.85	0	0.0
20070511:2256	0	0	0	0	0	9.68	5.84	0	0.0
20070511:2356	0	0	0	0	0	9.5	5.84	0	0.0
20070512:0056	0	0	0	0	0	9.32	5.83	0	0.0
20070512:0156	0	0	0	0	0	9.51	6.11	0	0.0
20070512:0256	0	0	0	0	0	9.7	6.4	0	0.0
20070512:0356	0	0	0	0	0	9.89	6.68	0	0.0
20070512:0456	15.64	0	27.35	0.82	5.36	10.01	6.84	0	4.7
20070512:0556	95.73	29.33	89.2	3.63	14.02	10.13	7	0	28.5
20070512:0656	341.79	259.87	94.54	8.66	23.05	10.24	7.16	0	101.7
20070512:0756	476.44	259.8	211.07	10.64	32.06	10.88	7.88	0	141.7
20070512:0856	407.03	106.07	297.94	9.98	40.62	11.51	8.59	0	121.1
20070512:0956	408.74	75.35	331.42	10.38	48.04	12.15	9.31	0	121.6
20070512:1056	426.35	69.6	355.98	10.98	53.37	12.89	9.15	0	126.8
20070512:1156	625.25	227.16	395.58	14.61	55.44	13.64	8.99	0	186.0
20070512:1256	152.15	0	165.33	4.6	53.64	14.39	8.83	0	45.3
20070512:1356	218.89	1.81	227.4	6.36	48.51	14.33	8.79	0	65.1
20070512:1456	335.89	56.32	284.53	9.11	41.2	14.27	8.74	0	99.9
20070512:1556	190.16	8.86	192.92	5.61	32.7	14.21	8.7	0	56.6
20070512:1656	159.67	18.03	157.58	5.23	23.7	13.83	8.29	0	47.5
20070512:1756	73.28	0	88.13	2.65	14.66	13.44	7.88	0	21.8
20070512:1856	15.86	0	27.92	0.84	5.96	13.06	7.46	0	4.7
20070512:1956	0	0	0	0	0	12.26	6.8	0	0.0
20070512:2056	0	0	0	0	0	11.46	6.14	0	0.0
20070512:2156	0	0	0	0	0	10.67	5.48	0	0.0
20070512:2256	0	0	0	0	0	10.25	5.02	0	0.0
20070512:2356	0	0	0	0	0	9.83	4.56	0	0.0
20070513:0056	0	0	0	0	0	9.41	4.1	0	0.0
20070513:0156	0	0	0	0	0	9.36	3.79	0	0.0
20070513:0256	0	0	0	0	0	9.32	3.48	0	0.0
20070513:0356	0	0	0	0	0	9.27	3.17	0	0.0
20070513:0456	14.38	0	25.85	0.78	5.56	9.56	3.1	0	4.3
20070513:0556	21.17	0	33.73	0.94	14.22	9.85	3.03	0	6.3
20070513:0656	108.11	2.52	118.85	3.36	23.24	10.14	2.97	0	32.2
20070513:0756	119.52	0.11	132.44	3.68	32.26	10.77	3.1	0	35.6
20070513:0856	84.68	0	99.05	2.75	40.82	11.41	3.24	0	25.2
20070513:0956	206.65	1.16	215.94	6.02	48.26	12.05	3.38	0	61.5
20070513:1056	122.88	0	136.16	3.79	53.61	11.82	4.32	0	36.6
20070513:1156	28.11	0	41.58	1.16	55.68	11.59	5.26	0	8.4
20070513:1256	56.86	0	71.33	1.98	53.88	11.36	6.19	0	16.9
20070513:1356	25	0	38.12	1.06	48.73	11.14	6.05	0	7.4
20070513:1456	54.92	0	69.26	1.93	41.4	10.92	5.91	0	16.3
20070513:1556	11	0	21.89	0.61	32.9	10.7	5.77	0	3.3
20070513:1656	45.12	0	59.31	1.65	23.89	10.81	5.46	0	13.4
20070513:1756	4.04	0	12.56	0.38	14.85	10.91	5.15	0	1.2
20070513:1856	19.45	0	31.85	0.96	6.16	11.02	4.84	0	5.8
20070513:1956	0	0	0	0	0	10.87	5.29	0	0.0
20070513:2056	0	0	0	0	0	10.72	5.74	0	0.0
20070513:2156	0	0	0	0	0	10.57	6.19	0	0.0
20070513:2256	0	0	0	0	0	10.41	6.12	0	0.0
20070513:2356	0	0	0	0	0	10.26	6.06	0	0.0
20070514:0056	0	0	0	0	0	10.1	5.99	0	0.0
20070514:0156	0	0	0	0	0	10.12	5.19	0	0.0
20070514:0256	0	0	0	0	0	10.14	4.4	0	0.0
20070514:0356	0	0	0	0	0	10.15	3.6	0	0.0
20070514:0456	13.12	0	24.39	0.73	5.76	10.07	3.33	0	3.9
20070514:0556	82.43	10.36	89.29	2.9	14.41	9.98	3.07	0	24.5
20070514:0656	36.22	0	49.96	1.39	23.43	9.9	2.8	0	10.8

20070514:0756	98.53	0	111.51	3.1	32.45	9.47	4.6	0	29.3
20070514:0856	101.6	0	114.09	3.17	41.02	9.04	6.4	0	30.2
20070514:0956	174.15	0	182	5.06	48.48	8.61	8.21	0	51.8
20070514:1056	305.88	12.63	292.52	8.34	53.84	8.69	8.1	0	91.0
20070514:1156	246.07	1.37	248.03	6.92	55.93	8.78	7.99	0	73.2
20070514:1256	163.44	0	172.22	4.79	54.11	8.87	7.88	0	48.6
20070514:1356	77.49	0	91.02	2.53	48.95	9.47	7.27	0	23.1
20070514:1456	61.34	0	75.41	2.1	41.6	10.08	6.66	0	18.2
20070514:1556	316.86	84.76	236.37	8.93	33.09	10.68	6.06	0	94.3
20070514:1656	189.81	152.39	75.19	9.23	24.08	10.69	5.4	0	56.5
20070514:1756	76.03	0	89.99	2.71	15.04	10.7	4.75	0	22.6
20070514:1856	0	0	4.46	0.13	6.36	10.71	4.1	0	0.0
20070514:1956	0	0	0	0	0	9.71	3.46	0	0.0
20070514:2056	0	0	0	0	0	8.71	2.82	0	0.0
20070514:2156	0	0	0	0	0	7.72	2.18	0	0.0
20070514:2256	0	0	0	0	0	7.43	2.29	0	0.0
20070514:2356	0	0	0	0	0	7.15	2.39	0	0.0
20070515:0056	0	0	0	0	0	6.86	2.5	0	0.0
20070515:0156	0	0	0	0	0	6.57	2.66	0	0.0
20070515:0256	0	0	0	0	0	6.29	2.83	0	0.0
20070515:0356	0	0	0	0	0	6	2.99	0	0.0
20070515:0456	11.39	0	22	0.66	5.95	6.38	3.5	0	3.4
20070515:0556	83.65	8.55	90.33	2.86	14.59	6.75	4	0	24.9
20070515:0656	104.52	1.27	114.93	3.23	23.61	7.12	4.51	0	31.1
20070515:0756	129.9	0.17	140.3	3.9	32.64	7.72	4.44	0	38.6
20070515:0856	128.68	0	139.67	3.88	41.22	8.31	4.37	0	38.3
20070515:0956	144.54	0	155.07	4.31	48.69	8.91	4.3	0	43.0
20070515:1056	661.62	276.29	384.01	15.07	54.07	9.44	4.2	0	196.8
20070515:1156	651.98	257.02	395.7	15.18	56.17	9.98	4.09	0	194.0
20070515:1256	232.6	1.04	239.13	6.67	54.34	10.52	3.99	0	69.2
20070515:1356	353.58	41.54	315.91	9.57	49.16	11.29	3.89	0	105.2
20070515:1456	442.73	149.5	296.69	11.51	41.8	12.06	3.79	0	131.7
20070515:1556	334.47	116.84	227.32	9.6	33.27	12.83	3.7	0	99.5
20070515:1656	178.69	36.14	161.6	6.23	24.26	12.84	2.94	0	53.2
20070515:1756	0.74	0	7.09	0.21	15.23	12.84	2.19	0	0.2
20070515:1856	8.07	0	18.27	0.55	6.55	12.85	1.43	0	2.4
20070515:1956	0	0	0	0	0	11.81	1.55	0	0.0
20070515:2056	0	0	0	0	0	10.77	1.66	0	0.0
20070515:2156	0	0	0	0	0	9.73	1.78	0	0.0
20070515:2256	0	0	0	0	0	9.47	2.08	0	0.0
20070515:2356	0	0	0	0	0	9.22	2.38	0	0.0
20070516:0056	0	0	0	0	0	8.96	2.68	0	0.0
20070516:0156	0	0	0	0	0	8.86	3.07	0	0.0
20070516:0256	0	0	0	0	0	8.76	3.46	0	0.0
20070516:0356	0	0	0	0	0	8.65	3.85	0	0.0
20070516:0456	17.46	0	29.34	0.88	6.14	8.72	3.88	0	5.2
20070516:0556	83.52	8.73	90.87	2.88	14.77	8.79	3.91	0	24.8
20070516:0656	234.04	74.69	168.62	6.36	23.79	8.86	3.94	0	69.6
20070516:0756	146.12	1.23	155.8	4.36	32.82	9.45	3.78	0	43.5
20070516:0856	152.9	0	163.93	4.56	41.41	10.04	3.62	0	45.5
20070516:0956	252.79	6.51	253.34	7.15	48.9	10.63	3.46	0	75.2
20070516:1056	189.37	0	199.41	5.55	54.29	10.89	3.55	0	56.3
20070516:1156	253.31	2.55	258.39	7.23	56.4	11.16	3.64	0	75.4
20070516:1256	239.05	1.72	245.74	6.86	54.57	11.42	3.72	0	71.1
20070516:1356	185.34	0.05	195.69	5.44	49.37	11.15	3.65	0	55.1
20070516:1456	235.92	9.23	234.59	6.73	41.99	10.88	3.57	0	70.2
20070516:1556	79.83	0	93.96	2.61	33.46	10.61	3.49	0	23.7
20070516:1656	5.45	0	14.61	0.41	24.44	10.45	3.36	0	1.6
20070516:1756	0.8	0	7.17	0.22	15.41	10.29	3.22	0	0.2
20070516:1856	19.03	0	31.28	0.94	6.74	10.14	3.09	0	5.7
20070516:1956	0	0	0	0	0	10.27	2.82	0	0.0
20070516:2056	0	0	0	0	0	10.41	2.55	0	0.0
20070516:2156	0	0	0	0	0	10.55	2.28	0	0.0
20070516:2256	0	0	0	0	0	10.75	2.36	0	0.0
20070516:2356	0	0	0	0	0	10.96	2.44	0	0.0
20070517:0056	0	0	0	0	0	11.16	2.52	0	0.0
20070517:0156	0	0	0	0	0	11.46	2.46	0	0.0
20070517:0256	0	0	0	0	0	11.76	2.4	0	0.0
20070517:0356	0	0	0	0	0	12.05	2.34	0	0.0
20070517:0456	16.37	0	28.44	0.86	6.32	12.14	2.59	0	4.9
20070517:0556	73.44	5.32	84.69	2.57	14.95	12.23	2.84	0	21.8
20070517:0656	197.55	47.34	163.58	5.62	23.96	12.31	3.09	0	58.8
20070517:0756	148.96	2	159.95	4.49	32.99	12.69	3.66	0	44.3
20070517:0856	414.09	119.78	298.85	10.3	41.59	13.06	4.24	0	123.2
20070517:0956	260.13	9.44	259.81	7.38	49.09	13.43	4.81	0	77.4
20070517:1056	272.82	7.7	274.98	7.78	54.51	14.33	4.94	0	81.2
20070517:1156	423.65	69.38	362.75	11.23	56.63	15.23	5.06	0	126.0
20070517:1256	205.83	0.23	219.22	6.1	54.79	16.13	5.19	0	61.2
20070517:1356	135.63	0	151.42	4.21	49.57	16.72	4.93	0	40.3
20070517:1456	80.03	0	96.68	2.69	42.18	17.31	4.68	0	23.8
20070517:1556	93.31	0	110.28	3.07	33.64	17.9	4.43	0	27.8
20070517:1656	64.2	0	80.89	2.25	24.62	17.89	3.62	0	19.1
20070517:1756	44.16	0	59.93	1.8	15.59	17.88	2.82	0	13.1
20070517:1856	18.37	0	31.44	0.95	6.93	17.87	2.01	0	5.5
20070517:1956	0	0	0	0	0	16.69	2.16	0	0.0
20070517:2056	0	0	0	0	0	15.51	2.3	0	0.0
20070517:2156	0	0	0	0	0	14.34	2.44	0	0.0
20070517:2256	0	0	0	0	0	14.06	2.77	0	0.0
20070517:2356	0	0	0	0	0	13.79	3.1	0	0.0
20070518:0056	0	0	0	0	0	13.51	3.43	0	0.0
20070518:0156	0	0	0	0	0	13.41	4.1	0	0.0
20070518:0256	0	0	0	0	0	13.32	4.76	0	0.0
20070518:0356	0	0	0	0	0	13.22	5.42	0	0.0
20070518:0456	17.41	0	29.74	0.9	6.5	13.07	5.76	0	5.2
20070518:0556	102.44	84.01	59.3	5.14	15.11	12.92	6.1	0	30.5
20070518:0656	337.39	259.91	94.13	8.94	24.12	12.77	6.44	0	100.4
20070518:0756	575.83	454.51	121.15	12.78	33.16	13.54	7.09	0	171.3
20070518:0856	767.76	628.99	139.6	16.12	41.77	14.31	7.75	0	228.4
20070518:0956	665.98	329.94	338.31	14.87	49.29	15.08	8.4	0	198.1
20070518:1056	629	247.39	386.16	14.72	54.72	16.09	9.01	0	187.1
20070518:1156	531.6	144.53	393.22	13.29	56.85	17.11	9.61	0	158.2
20070518:1256	728.61	387.49	351.52	16.77	55.01	18.13	10.22	0	216.8
20070518:1356	172.09	0	187.26	5.21	49.77	18.13	10.23	0	51.2
20070518:1456	218.49	5.75	226.53	6.43	42.37	18.13	10.24	0	65.0
20070518:1556	355.23	150.02	218.37	10.37	33.81	18.13	10.25	0	105.7
20070518:1656	184.89	38.74	167.31	6.54	24.79	17.25	9.89	0	55.0
20070518:1756	45.04	0	60.33	1.82	15.77	16.36	9.54	0	13.4

20070518:1856	19.88	0	32.86	0.99	7.11	15.48	9.19	0	5.9
20070518:1956	0	0	0	0	0	14.21	8.92	0	0.0
20070518:2056	0	0	0	0	0	12.95	8.65	0	0.0
20070518:2156	0	0	0	0	0	11.69	8.39	0	0.0
20070518:2256	0	0	0	0	0	11.07	8.25	0	0.0
20070518:2356	0	0	0	0	0	10.46	8.12	0	0.0
20070519:0056	0	0	0	0	0	9.84	7.99	0	0.0
20070519:0156	0	0	0	0	0	9.64	7.95	0	0.0
20070519:0256	0	0	0	0	0	9.44	7.91	0	0.0
20070519:0356	0	0	0	0	0	9.24	7.88	0	0.0
20070519:0456	19	0	31.16	0.94	6.67	9.61	8	0	5.7
20070519:0556	108.68	88.57	60.47	5.4	15.28	9.98	8.12	0	32.3
20070519:0656	312.43	174.89	146.84	8.21	24.28	10.35	8.25	0	92.9
20070519:0756	417.13	171.99	242.34	9.95	33.32	11.48	8.49	0	124.1
20070519:0856	788.65	639.83	140.82	16.42	41.94	12.61	8.74	0	234.6
20070519:0956	718.19	384.26	331.36	15.69	49.47	13.74	8.98	0	213.7
20070519:1056	852.82	542.58	315.17	18.23	54.93	14.27	8.81	0	240.0
20070519:1156	1006.72	865.72	157.34	21.32	57.07	14.8	8.65	0	240.0
20070519:1256	951.8	813.26	152.3	20.79	55.22	15.33	8.48	0	240.0
20070519:1356	634	299.14	336.55	15.2	49.97	15.2	8.47	0	188.6
20070519:1456	130.54	0	144.98	4.03	42.55	15.06	8.46	0	38.8
20070519:1556	386.44	189.04	206.16	11.21	33.99	14.93	8.44	0	115.0
20070519:1656	196.81	128.12	103.57	9.06	24.97	14.55	7.8	0	58.6
20070519:1756	60.07	0	75.2	2.26	15.94	14.17	7.15	0	17.9
20070519:1856	20.87	0	33.79	1.02	7.29	13.8	6.51	0	6.2
20070519:1956	0	0	0	0	0	12.62	5.54	0	0.0
20070519:2056	0	0	0	0	0	11.44	4.57	0	0.0
20070519:2156	0	0	0	0	0	10.26	3.6	0	0.0
20070519:2256	0	0	0	0	0	9.39	3.22	0	0.0
20070519:2356	0	0	0	0	0	8.53	2.85	0	0.0
20070520:0056	0	0	0	0	0	7.66	2.47	0	0.0
20070520:0156	0	0	0	0	0	7.2	2.28	0	0.0
20070520:0256	0	0	0	0	0	6.74	2.09	0	0.0
20070520:0356	0	0	0	0	0	6.27	1.9	0	0.0
20070520:0456	21.25	0	33.39	1.01	6.83	6.86	1.83	0	6.3
20070520:0556	101.11	18.24	100.91	3.58	15.43	7.45	1.75	0	30.1
20070520:0656	349.21	268.84	95.62	9.29	24.44	8.03	1.67	0	103.9
20070520:0756	375.61	134.35	247.24	9.38	33.48	9.64	1.18	0	111.7
20070520:0856	739.77	638.56	140.42	16.44	42.1	11.25	0.69	0	220.1
20070520:0956	676.13	393.98	328.02	15.81	49.65	12.86	0.19	0	201.1
20070520:1056	649.7	308.77	383.42	15.73	55.13	13.47	0.34	0	193.3
20070520:1156	661	313.61	392.25	16.19	57.28	14.09	0.48	0	196.6
20070520:1256	665.4	341.5	369.15	16.4	55.42	14.71	0.62	0	198.0
20070520:1356	353.8	44.78	324.4	9.89	50.16	15.13	1.22	0	105.3
20070520:1456	233.54	8.57	239.42	6.85	42.73	15.54	1.83	0	69.5
20070520:1556	158.72	1.9	172.38	4.85	34.16	15.96	2.43	0	47.2
20070520:1656	148.33	8.58	156.76	4.78	25.13	15.63	2.44	0	44.1
20070520:1756	66.87	0	82.66	2.49	16.11	15.3	2.46	0	19.9
20070520:1856	26.51	0	40.32	1.21	7.47	14.98	2.47	0	7.9
20070520:1956	0	0	0	0	0	13.98	2.58	0	0.0
20070520:2056	0	0	0	0	0	12.99	2.69	0	0.0
20070520:2156	0	0	0	0	0	12	2.8	0	0.0
20070520:2256	0	0	0	0	0	11.64	2.51	0	0.0
20070520:2356	0	0	0	0	0	11.29	2.23	0	0.0
20070521:0056	0	0	0	0	0	10.93	1.94	0	0.0
20070521:0156	0	0	0	0	0	10.29	2.04	0	0.0
20070521:0256	0	0	0	0	0	9.66	2.14	0	0.0
20070521:0356	0	0	0	0	0	9.02	2.23	0	0.0
20070521:0456	20.42	0	32.78	0.99	6.99	9.51	2.87	0	6.1
20070521:0556	79.15	4.69	89.84	2.7	15.58	10	3.5	0	23.5
20070521:0656	65.4	0	79.66	2.22	24.59	10.49	4.14	0	19.5
20070521:0756	164.21	3.22	172.53	4.86	33.63	11.78	4.34	0	48.9
20070521:0856	184.42	1.16	194.97	5.44	42.26	13.07	4.55	0	54.9
20070521:0956	75.57	0	91.07	2.53	49.83	14.36	4.76	0	22.5
20070521:1056	128.97	0	143.75	4	55.32	14.82	4.85	0	38.4
20070521:1156	302.03	11.81	300.69	8.57	57.48	15.29	4.94	0	89.9
20070521:1256	274.64	6.95	279.29	7.89	55.62	15.76	5.03	0	81.7
20070521:1356	284.34	14.17	281.17	8.1	50.35	15.44	4.78	0	84.6
20070521:1456	182.16	0.92	194.79	5.44	42.91	15.11	4.53	0	54.2
20070521:1556	159.87	2.1	171.82	4.84	34.33	14.79	4.28	0	47.6
20070521:1656	50.54	0	65.84	1.83	25.3	14.57	3.91	0	15.0
20070521:1756	52.25	0	67.42	2.03	16.28	14.34	3.55	0	15.5
20070521:1856	9.19	0	19.81	0.6	7.64	14.12	3.19	0	2.7
20070521:1956	0	0	0	0	0	13.08	2.59	0	0.0
20070521:2056	0	0	0	0	0	12.05	1.99	0	0.0
20070521:2156	0	0	0	0	0	11.02	1.39	0	0.0
20070521:2256	0	0	0	0	0	10.45	1.39	0	0.0
20070521:2356	0	0	0	0	0	9.89	1.39	0	0.0
20070522:0056	0	0	0	0	0	9.32	1.39	0	0.0
20070522:0156	0	0	0	0	0	8.76	1.56	0	0.0
20070522:0256	0	0	0	0	0	8.2	1.72	0	0.0
20070522:0356	0	0	0	0	0	7.64	1.89	0	0.0
20070522:0456	20.59	0	32.86	0.99	7.14	8.52	2.34	0	6.1
20070522:0556	109.79	89.51	60.86	5.54	15.73	9.4	2.8	0	32.7
20070522:0656	190.11	31.07	170.05	5.46	24.73	10.28	3.26	0	56.6
20070522:0756	318.33	79.91	245.09	8.32	33.77	12.14	3.35	0	94.7
20070522:0856	639.27	394.32	258.69	14.37	42.41	13.99	3.44	0	190.2
20070522:0956	874.26	767.83	150.87	19.05	50	15.84	3.53	0	240.0
20070522:1056	936.72	839.51	155.6	20.59	55.51	16.42	3.6	0	240.0
20070522:1156	946.56	853.37	155.7	21.2	57.68	17	3.67	0	240.0
20070522:1256	898.26	801.94	150.75	20.68	55.82	17.58	3.74	0	240.0
20070522:1356	706.83	479.65	257.51	17.14	50.53	17.78	3.69	0	210.3
20070522:1456	427.4	142.5	300.94	11.58	43.08	17.99	3.65	0	127.2
20070522:1556	157.33	1.97	172.2	4.85	34.49	18.19	3.6	0	46.8
20070522:1656	131.82	4.08	145.32	4.24	25.46	17.72	3.24	0	39.2
20070522:1756	76.63	0	93.19	2.81	16.45	17.25	2.88	0	22.8
20070522:1856	21.63	0	35.09	1.06	7.81	16.79	2.52	0	6.4
20070522:1956	0	0	0	0	0	15.49	2.57	0	0.0
20070522:2056	0	0	0	0	0	14.19	2.63	0	0.0
20070522:2156	0	0	0	0	0	12.9	2.68	0	0.0
20070522:2256	0	0	0	0	0	12.22	2.41	0	0.0
20070522:2356	0	0	0	0	0	11.54	2.14	0	0.0
20070523:0056	0	0	0	0	0	10.86	1.88	0	0.0
20070523:0156	0	0	0	0	0	10.08	1.92	0	0.0
20070523:0256	0	0	0	0	0	9.3	1.97	0	0.0
20070523:0356	0	0	0	0	0	8.51	2.01	0	0.0
20070523:0456	20.52	0	32.9	0.99	7.29	9.48	2.16	0	6.1

20070523:0556	107.08	87.14	60.42	5.45	15.87	10.45	2.31	0	31.9
20070523:0656	338.58	263.11	94.38	9.24	24.86	11.41	2.46	0	100.7
20070523:0756	557.73	450.78	119.94	12.92	33.91	13.32	2.51	0	165.9
20070523:0856	730.04	622.29	138.01	16.21	42.56	15.22	2.57	0	217.2
20070523:0956	846.71	754.27	149.24	18.8	50.16	17.12	2.62	0	240.0
20070523:1056	909.37	826.38	154.19	20.35	55.69	18.06	2.91	0	240.0
20070523:1156	920.13	840.22	154.27	20.95	57.87	19.01	3.2	0	240.0
20070523:1256	874.23	789.63	149.46	20.44	56.01	19.96	3.49	0	240.0
20070523:1356	308.28	26.28	301.29	8.9	50.71	20.31	3.21	0	91.7
20070523:1456	368.86	91.26	298.96	10.37	43.24	20.67	2.94	0	109.7
20070523:1556	226.37	23.95	222.7	6.89	34.65	21.02	2.66	0	67.3
20070523:1656	175.44	32.8	167.83	6.29	25.62	20.76	2.27	0	52.2
20070523:1756	70.97	0	88.74	2.67	16.61	20.5	1.88	0	21.1
20070523:1856	12.64	0	24.72	0.74	7.98	20.24	1.49	0	3.8
20070523:1956	3.24	0	11.67	0.35	0.08	19.27	1.29	0	1.0
20070523:2056	0	0	0	0	0	18.3	1.09	0	0.0
20070523:2156	0	0	0	0	0	17.33	0.88	0	0.0
20070523:2256	0	0	0	0	0	16.87	0.98	0	0.0
20070523:2356	0	0	0	0	0	16.42	1.08	0	0.0
20070524:0056	0	0	0	0	0	15.96	1.17	0	0.0
20070524:0156	0	0	0	0	0	15.24	1.35	0	0.0
20070524:0256	0	0	0	0	0	14.52	1.53	0	0.0
20070524:0356	0	0	0	0	0	13.79	1.71	0	0.0
20070524:0456	20.18	0	33.1	1	7.43	14.26	1.75	0	6.0
20070524:0556	88.68	9.91	97.73	3.15	16	14.72	1.79	0	26.4
20070524:0656	101.48	1.07	116.49	3.27	25	15.19	1.83	0	30.2
20070524:0756	419.55	209.94	226.75	10.42	34.04	16.31	1.94	0	124.8
20070524:0856	190.8	2.58	204.77	5.74	42.7	17.43	2.05	0	56.8
20070524:0956	204.47	1.18	220.85	6.16	50.31	18.56	2.15	0	60.8
20070524:1056	548.71	193.07	385.24	13.89	55.86	19.13	2.54	0	163.2
20070524:1156	394.09	55.92	359.18	10.94	58.06	19.7	2.93	0	117.2
20070524:1256	282.83	10.59	291.22	8.29	56.2	20.27	3.32	0	84.1
20070524:1356	501.28	177.33	350.16	13.21	50.89	20.91	3.53	0	149.1
20070524:1456	372.87	93.69	300.83	10.49	43.41	21.55	3.74	0	110.9
20070524:1556	340.76	143.96	221.67	10.4	34.81	22.19	3.94	0	101.4
20070524:1656	182.11	153.29	75.5	9.53	25.78	21.85	3.52	0	54.2
20070524:1756	44.82	0	61.51	1.85	16.77	21.51	3.1	0	13.3
20070524:1856	21.86	0	35.94	1.08	8.14	21.18	2.68	0	6.5
20070524:1956	7.84	0	18.4	0.55	0.25	19.64	2.72	0	2.3
20070524:2056	0	0	0	0	0	18.1	2.77	0	0.0
20070524:2156	0	0	0	0	0	16.56	2.81	0	0.0
20070524:2256	0	0	0	0	0	15.83	2.6	0	0.0
20070524:2356	0	0	0	0	0	15.1	2.39	0	0.0
20070525:0056	0	0	0	0	0	14.37	2.18	0	0.0
20070525:0156	0	0	0	0	0	14.12	2.15	0	0.0
20070525:0256	0	0	0	0	0	13.87	2.12	0	0.0
20070525:0356	0	0	0	0	0	13.62	2.1	0	0.0
20070525:0456	20.8	0	33.75	1.02	7.56	13.8	2.39	0	6.2
20070525:0556	104.15	25.28	101.89	3.95	16.13	13.97	2.69	0	31.0
20070525:0656	229.47	70.8	174	6.54	25.12	14.15	2.98	0	68.3
20070525:0756	134.94	0.43	149.4	4.16	34.17	14.65	3.02	0	40.1
20070525:0856	391.75	99.27	303.45	10.16	42.83	15.15	3.05	0	116.5
20070525:0956	61.96	0	77.91	2.17	50.46	15.65	3.09	0	18.4
20070525:1056	144.27	0	159.54	4.44	56.03	15.6	3.2	0	42.9
20070525:1156	190.55	0	204.77	5.69	58.24	15.55	3.3	0	56.7
20070525:1256	184.32	0	198.58	5.52	56.38	15.5	3.41	0	54.8
20070525:1356	273.15	10.39	275.52	7.87	51.06	15.7	3.37	0	81.3
20070525:1456	205.5	2.96	216.7	6.1	43.57	15.89	3.34	0	61.1
20070525:1556	153.91	1.23	168.09	4.71	34.97	16.09	3.31	0	45.8
20070525:1656	130.9	2.9	144.06	4.15	25.93	15.72	3.4	0	38.9
20070525:1756	87.22	0	102.96	3.1	16.92	15.35	3.49	0	25.9
20070525:1856	29.1	0	43.15	1.3	8.3	14.98	3.57	0	8.7
20070525:1956	6.2	0	15.8	0.48	0.41	13.9	3.17	0	1.8
20070525:2056	0	0	0	0	0	12.82	2.77	0	0.0
20070525:2156	0	0	0	0	0	11.74	2.37	0	0.0
20070525:2256	0	0	0	0	0	11.11	2.49	0	0.0
20070525:2356	0	0	0	0	0	10.49	2.6	0	0.0
20070526:0056	0	0	0	0	0	9.87	2.72	0	0.0
20070526:0156	0	0	0	0	0	9.66	2.73	0	0.0
20070526:0256	0	0	0	0	0	9.45	2.74	0	0.0
20070526:0356	0	0	0	0	0	9.23	2.76	0	0.0
20070526:0456	15.48	0	27.11	0.82	7.69	9.29	3.19	0	4.6
20070526:0556	97.89	11	103.33	3.36	16.25	9.35	3.61	0	29.1
20070526:0656	106.18	0.78	118.13	3.3	25.24	9.4	4.04	0	31.6
20070526:0756	190.52	7.11	192.66	5.5	34.29	10.28	3.89	0	56.7
20070526:0856	375.83	75.31	303.43	9.74	42.96	11.16	3.73	0	111.8
20070526:0956	277.64	10.47	274.95	7.83	50.6	12.04	3.57	0	82.6
20070526:1056	525.66	141.63	391.57	13.22	56.19	12.34	3.15	0	156.4
20070526:1156	661.92	278.93	400.62	15.92	58.42	12.64	2.74	0	196.9
20070526:1256	378.95	40.28	348.08	10.41	56.56	12.94	2.32	0	112.7
20070526:1356	598.24	264.87	347.2	14.94	51.22	12.67	2.41	0	178.0
20070526:1456	219.62	4	226.49	6.39	43.73	12.41	2.5	0	65.3
20070526:1556	211.54	10.72	211.8	6.21	35.12	12.14	2.59	0	62.9
20070526:1656	76.01	0	90.63	2.52	26.08	11.47	2.41	0	22.6
20070526:1756	1.43	0	8.35	0.25	17.07	10.79	2.23	0	0.4
20070526:1856	32.25	0	45.75	1.38	8.46	10.12	2.06	0	9.6
20070526:1956	10.56	0	21.23	0.64	0.58	9.54	2.39	0	3.1
20070526:2056	0	0	0	0	0	8.96	2.73	0	0.0
20070526:2156	0	0	0	0	0	8.38	3.06	0	0.0
20070526:2256	0	0	0	0	0	8.29	3.28	0	0.0
20070526:2356	0	0	0	0	0	8.2	3.5	0	0.0
20070527:0056	0	0	0	0	0	8.11	3.72	0	0.0
20070527:0156	0	0	0	0	0	8.05	3.66	0	0.0
20070527:0256	0	0	0	0	0	8	3.6	0	0.0
20070527:0356	0.87	0	7.25	0.22	0.03	7.94	3.54	0	0.3
20070527:0456	17.32	0	29.09	0.88	7.81	7.98	3.71	0	5.2
20070527:0556	27.3	0	40.18	1.12	16.37	8.02	3.88	0	8.1
20070527:0656	80.06	0	93.17	2.59	25.35	8.06	4.04	0	23.8
20070527:0756	12.31	0	23.29	0.65	34.4	8.11	4.4	0	3.7
20070527:0856	51.99	0	65.62	1.82	43.08	8.17	4.77	0	15.5
20070527:0956	104.74	0	116.81	3.25	50.74	8.23	5.13	0	31.2
20070527:1056	119.69	0	130.98	3.64	56.34	8.22	5.3	0	35.6
20070527:1156	199.69	0	206.17	5.73	58.59	8.21	5.47	0	59.4
20070527:1256	154.21	0	163.44	4.54	56.73	8.2	5.64	0	45.9
20070527:1356	100.65	0	112.91	3.14	51.39	8.42	6.24	0	29.9
20070527:1456	98.28	0	110.72	3.08	43.88	8.65	6.84	0	29.2
20070527:1556	27.05	0	40.01	1.11	35.26	8.87	7.43	0	8.0

20070527:1656	26.52	0	39.39	1.1	26.22	8.63	8.01	0	7.9
20070527:1756	50.18	0	63.65	1.92	17.22	8.39	8.58	0	14.9
20070527:1856	18.04	0	29.9	0.9	8.61	8.15	9.16	0	5.4
20070527:1956	0	0	0.32	0.01	0.73	7.9	9.55	0	0.0
20070527:2056	0	0	0	0	0	7.65	9.95	0	0.0
20070527:2156	0	0	0	0	0	7.41	10.34	0	0.0
20070527:2256	0	0	0	0	0	7.3	10.4	0	0.0
20070527:2356	0	0	0	0	0	7.2	10.46	0	0.0
20070528:0056	0	0	0	0	0	7.09	10.51	0	0.0
20070528:0156	0	0	0	0	0	6.85	10.34	0	0.0
20070528:0256	0	0	0	0	0	6.61	10.17	0	0.0
20070528:0356	0.66	0	6.81	0.2	0.15	6.37	10	0	0.2
20070528:0456	0	0	3.24	0.1	7.93	6.36	9.98	0	0.0
20070528:0556	4.44	0	12.98	0.36	16.48	6.35	9.96	0	1.3
20070528:0656	31.8	0	44.61	1.24	25.46	6.34	9.94	0	9.5
20070528:0756	112.63	0	123.09	3.42	34.51	6.52	9.72	0	33.5
20070528:0856	19.47	0	31.41	0.87	43.2	6.7	9.49	0	5.8
20070528:0956	28.79	0	41.54	1.16	50.87	6.89	9.27	0	8.6
20070528:1056	146.34	0	154.89	4.31	56.49	7.08	9.14	0	43.5
20070528:1156	158.7	0	166.51	4.63	58.75	7.28	9.01	0	47.2
20070528:1256	74.53	0	87.38	2.43	56.89	7.47	8.88	0	22.2
20070528:1356	71.12	0	84.18	2.34	51.54	7.71	8.68	0	21.2
20070528:1456	116.67	0	127.69	3.55	44.03	7.94	8.47	0	34.7
20070528:1556	153.41	0.51	161.79	4.51	35.41	8.18	8.26	0	45.6
20070528:1656	72.28	0	85.41	2.37	26.37	7.95	7.86	0	21.5
20070528:1756	1.61	0	8.59	0.26	17.36	7.72	7.45	0	0.5
20070528:1856	0	0	3.61	0.11	8.76	7.49	7.05	0	0.0
20070528:1956	0	0	0.36	0.01	0.89	7.37	6.5	0	0.0
20070528:2056	0	0	0	0	0	7.26	5.95	0	0.0
20070528:2156	0	0	0	0	0	7.15	5.41	0	0.0
20070528:2256	0	0	0	0	0	7.22	5.17	0	0.0
20070528:2356	0	0	0	0	0	7.3	4.93	0	0.0
20070529:0056	0	0	0	0	0	7.37	4.69	0	0.0
20070529:0156	0	0	0	0	0	6.9	4.75	0	0.0
20070529:0256	0	0	0	0	0	6.43	4.82	0	0.0
20070529:0356	5.44	0	14.34	0.43	0.27	5.95	4.88	0	1.6
20070529:0456	23.34	0	35.58	1.07	8.04	6.35	5.12	0	6.9
20070529:0556	43.3	0	56.54	1.57	16.58	6.75	5.35	0	12.9
20070529:0656	131.32	3.35	138.09	3.92	25.56	7.16	5.59	0	39.1
20070529:0756	104.19	0	116.2	3.23	34.62	8.17	5.79	0	31.0
20070529:0856	115.25	0	127.21	3.54	43.31	9.19	6	0	34.3
20070529:0956	192.28	0	200.73	5.58	50.99	10.21	6.21	0	57.2
20070529:1056	317.83	13.4	307.12	8.77	56.63	10.78	6.11	0	94.6
20070529:1156	178.95	0	189.11	5.26	58.91	11.36	6.02	0	53.2
20070529:1256	813.6	494.7	323.95	18.53	57.05	11.94	5.93	0	240.0
20070529:1356	526.74	159.21	365.87	13.32	51.7	11.99	6.04	0	156.7
20070529:1456	620.21	398.82	217.76	15.72	44.17	12.04	6.14	0	184.5
20070529:1556	456.92	358.16	104.61	13.92	35.55	12.09	6.25	0	135.9
20070529:1656	205.2	165.47	76.99	10.24	26.51	11.95	6.1	0	61.0
20070529:1756	50.4	0	64.79	1.95	17.5	11.81	5.94	0	15.0
20070529:1856	26.53	0	39.79	1.2	8.9	11.67	5.79	0	7.9
20070529:1956	0	0	3.65	0.11	1.04	10.31	4.78	0	0.0
20070529:2056	0	0	0	0	0	8.95	3.77	0	0.0
20070529:2156	0	0	0	0	0	7.6	2.76	0	0.0
20070529:2256	0	0	0	0	0	6.68	2.72	0	0.0
20070529:2356	0	0	0	0	0	5.75	2.68	0	0.0
20070530:0056	0	0	0	0	0	4.83	2.63	0	0.0
20070530:0156	0	0	0	0	0	4.12	2.62	0	0.0
20070530:0256	0	0	0	0	0	3.41	2.61	0	0.0
20070530:0356	6.89	0	16.13	0.49	0.39	2.69	2.59	0	2.0
20070530:0456	29.03	0	41.29	1.24	8.14	3.78	3.24	0	8.6
20070530:0556	81.4	2.39	91.61	2.66	16.68	4.86	3.88	0	24.2
20070530:0656	291.55	121.25	174.56	7.88	25.65	5.95	4.52	0	86.7
20070530:0756	284.79	46.52	238.97	7.56	34.71	7.73	4.96	0	84.7
20070530:0856	418.5	104.14	310.46	10.47	43.41	9.51	5.4	0	124.5
20070530:0956	481.52	121.25	358.04	12	51.11	11.29	5.83	0	143.3
20070530:1056	215.77	0.17	224.21	6.24	56.77	11.67	6.11	0	64.2
20070530:1156	200.03	0	209.68	5.83	59.06	12.06	6.38	0	59.5
20070530:1256	224.59	0.39	233.01	6.49	57.2	12.45	6.65	0	66.8
20070530:1356	112.51	0	126.38	3.51	51.84	12.81	7.16	0	33.5
20070530:1456	101.9	0	116.24	3.23	44.31	13.16	7.68	0	30.3
20070530:1556	148.9	0.59	161.09	4.5	35.68	13.52	8.19	0	44.3
20070530:1656	177.29	16.78	174.99	5.7	26.64	13.55	7.59	0	52.7
20070530:1756	1.57	0	8.67	0.26	17.64	13.58	6.98	0	0.5
20070530:1856	26.08	0	39.59	1.19	9.04	13.61	6.37	0	7.8
20070530:1956	0	0	0.49	0.01	1.18	12.64	5.69	0	0.0
20070530:2056	0	0	0	0	0	11.67	5	0	0.0
20070530:2156	0	0	0	0	0	10.71	4.32	0	0.0
20070530:2256	0	0	0	0	0	10.1	4.09	0	0.0
20070530:2356	0	0	0	0	0	9.48	3.87	0	0.0
20070531:0056	0	0	0	0	0	8.87	3.64	0	0.0
20070531:0156	0	0	0	0	0	8.77	3.46	0	0.0
20070531:0256	0	0	0	0	0	8.68	3.28	0	0.0
20070531:0356	0	0	1.01	0.03	0.49	8.58	3.1	0	0.0
20070531:0456	24.2	0	36.91	1.11	8.24	9.17	3.45	0	7.2
20070531:0556	104.59	13.72	108.05	3.64	16.77	9.76	3.79	0	31.1
20070531:0656	251.78	81.03	180.84	7.05	25.74	10.35	4.14	0	74.9
20070531:0756	381.22	132.87	251.29	9.62	34.8	11.51	4.25	0	113.4
20070531:0856	439.43	128.35	314.53	11.02	43.51	12.67	4.36	0	130.7
20070531:0956	230.82	2.31	239.36	6.7	51.22	13.84	4.47	0	68.7
20070531:1056	858.28	599.09	285.43	19.06	56.9	14.28	4.77	0	240.0
20070531:1156	329.2	17.26	320.92	9.23	59.21	14.72	5.08	0	97.9
20070531:1256	641.83	267.17	385.78	15.65	57.35	15.16	5.38	0	190.9
20070531:1356	731.53	483.7	262.46	17.63	51.99	15.48	5.3	0	217.6
20070531:1456	53.79	0	69.48	1.93	44.45	15.79	5.21	0	16.0
20070531:1556	438.28	340.46	113.51	13.65	35.81	16.11	5.13	0	130.4
20070531:1656	189.39	27.87	180.01	6.4	26.77	15.75	4.6	0	56.3
20070531:1756	89.18	0	104.86	3.16	17.77	15.39	4.06	0	26.5
20070531:1856	17.15	0	29.66	0.89	9.17	15.04	3.53	0	5.1
20070531:1956	0	0	1.99	0.06	1.32	13.73	3.11	0	0.0
20070531:2056	0	0	0	0	0	12.42	2.69	0	0.0
20070531:2156	0	0	0	0	0	11.12	2.26	0	0.0
20070531:2256	0	0	0	0	0	10.6	2.26	0	0.0
20070531:2356	0	0	0	0	0	10.07	2.25	0	0.0
20070601:0056	0	0	0	0	0	9.55	2.25	0	0.0
20070601:0156	0	0	0	0	0	9.07	2.25	0	0.0
20070601:0256	0	0	0	0	0	8.6	2.26	0	0.0

20070601:0356	0	0	1.38	0.04	0.6	8.13	2.26	0	0.0
20070601:0456	24.2	0	36.91	1.11	8.34	9.07	2.39	0	7.2
20070601:0556	111.85	91.72	61.34	5.95	16.86	10.01	2.51	0	33.3
20070601:0656	346.11	269.84	94.35	9.75	25.83	10.95	2.63	0	103.0
20070601:0756	572.02	462.6	119.88	13.55	34.89	12.87	2.93	0	170.2
20070601:0856	748.41	635.81	137.53	16.87	43.6	14.79	3.22	0	222.7
20070601:0956	869.87	769.11	148.52	19.48	51.32	16.7	3.52	0	240.0
20070601:1056	940.63	850.93	154.09	21.24	57.02	17.19	3.51	0	240.0
20070601:1156	950.8	865.77	154.25	21.87	59.34	17.67	3.51	0	240.0
20070601:1256	901.67	809.08	153.45	21.32	57.5	18.15	3.5	0	240.0
20070601:1356	797.39	702.45	139.47	19.72	52.12	18.44	3.35	0	237.2
20070601:1456	640.62	544.97	124.45	17.21	44.58	18.73	3.19	0	190.6
20070601:1556	435.04	357.94	103.61	13.96	35.94	19.02	3.03	0	129.4
20070601:1656	198.3	166.19	76.54	10.28	26.9	18.62	3.09	0	59.0
20070601:1756	88.78	0	105.79	3.18	17.9	18.21	3.14	0	26.4
20070601:1856	26.38	0	40.6	1.22	9.31	17.8	3.19	0	7.8
20070601:1956	0.04	0	5.63	0.17	1.46	16.09	2.81	0	0.0
20070601:2056	0	0	0	0	0	14.38	2.44	0	0.0
20070601:2156	0	0	0	0	0	12.66	2.07	0	0.0
20070601:2256	0	0	0	0	0	12.14	1.92	0	0.0
20070601:2356	0	0	0	0	0	11.61	1.77	0	0.0
20070602:0056	0	0	0	0	0	11.08	1.61	0	0.0
20070602:0156	0	0	0	0	0	10.41	1.77	0	0.0
20070602:0256	0	0	0	0	0	9.74	1.94	0	0.0
20070602:0356	3.57	0	11.79	0.35	0.69	9.08	2.1	0	1.1
20070602:0456	30.6	0	43.96	1.32	8.42	9.9	1.78	0	9.1
20070602:0556	96.68	8.4	104.91	3.31	16.94	10.72	1.47	0	28.8
20070602:0656	166.56	15.61	164.24	4.96	25.9	11.54	1.16	0	49.6
20070602:0756	323.48	83.49	252.41	8.68	34.97	13.69	1.25	0	96.2
20070602:0856	724.84	633.22	137.17	16.84	43.69	15.84	1.34	0	215.6
20070602:0956	836.24	766.14	148.16	19.45	51.42	18	1.43	0	240.0
20070602:1056	900.21	846.73	153.43	21.18	57.14	19.06	1.55	0	240.0
20070602:1156	909.11	861.61	153.6	21.8	59.48	20.12	1.67	0	240.0
20070602:1256	865.02	811.69	148.85	21.31	57.63	21.18	1.79	0	240.0
20070602:1356	767.82	698.94	138.91	19.66	52.26	21.5	1.89	0	228.4
20070602:1456	620.97	542.49	123.97	17.16	44.71	21.81	1.99	0	184.7
20070602:1556	424.34	356.7	103.15	13.92	36.07	22.12	2.08	0	126.2
20070602:1656	194.03	165.08	76.48	10.22	27.02	21.72	2.21	0	57.7
20070602:1756	47.75	0	64.63	1.95	18.02	21.31	2.33	0	14.2
20070602:1856	32.28	0	47.73	1.44	9.43	20.9	2.46	0	9.6
20070602:1956	5.65	0	15.32	0.46	1.59	19.27	2.65	0	1.7
20070602:2056	0	0	0	0	0	17.64	2.84	0	0.0
20070602:2156	0	0	0	0	0	16	3.03	0	0.0
20070602:2256	0	0	0	0	0	15.21	2.8	0	0.0
20070602:2356	0	0	0	0	0	14.42	2.57	0	0.0
20070603:0056	0	0	0	0	0	13.63	2.34	0	0.0
20070603:0156	0	0	0	0	0	12.84	2.2	0	0.0
20070603:0256	0	0	0	0	0	12.05	2.05	0	0.0
20070603:0356	8.02	0	18.11	0.55	0.78	11.27	1.9	0	2.4
20070603:0456	51.16	0	65.76	1.98	8.5	12.01	2.2	0	15.2
20070603:0556	108.79	89.99	61.06	5.91	17.01	12.76	2.49	0	32.4
20070603:0656	336.89	265.24	93.49	9.67	25.98	13.5	2.79	0	100.2
20070603:0756	438.76	221.83	230.91	10.98	35.04	15.29	2.49	0	130.5
20070603:0856	653.67	460.46	226.11	15.3	43.76	17.08	2.19	0	194.5
20070603:0956	777.13	609.66	230.52	18.11	51.51	18.86	1.89	0	231.2
20070603:1056	895.18	834.95	152.48	20.95	57.24	19.66	2	0	240.0
20070603:1156	757.98	483.52	340.76	18.41	59.6	20.46	2.1	0	225.5
20070603:1256	861.64	800.79	148.01	21.08	57.76	21.26	2.21	0	240.0
20070603:1356	579.39	280.48	337.2	15.14	52.38	21.3	2.45	0	172.4
20070603:1456	476.47	213.63	291.09	13.15	44.83	21.33	2.69	0	141.7
20070603:1556	206.36	11.65	214.73	6.32	36.19	21.36	2.92	0	61.4
20070603:1656	174.95	20.01	177.25	5.93	27.14	20.71	2.86	0	52.0
20070603:1756	83.44	0.11	99.6	4.85	18.14	20.06	2.8	0	24.8
20070603:1856	54.87	0	71.6	2.16	9.56	19.41	2.73	0	16.3
20070603:1956	11.81	0	23.46	0.71	1.71	17.84	2.48	0	3.5
20070603:2056	0	0	0	0	0	16.27	2.23	0	0.0
20070603:2156	0	0	0	0	0	14.69	1.97	0	0.0
20070603:2256	0	0	0	0	0	14.22	2.05	0	0.0
20070603:2356	0	0	0	0	0	13.75	2.12	0	0.0
20070604:0056	0	0	0	0	0	13.28	2.19	0	0.0
20070604:0156	0	0	0	0	0	12.73	2.27	0	0.0
20070604:0256	0	0	0	0	0	12.18	2.35	0	0.0
20070604:0356	10.31	0	21.07	0.63	0.86	11.64	2.43	0	3.1
20070604:0456	60.36	0	74.96	2.26	8.58	11.83	3.08	0	18.0
20070604:0556	101.08	12.08	106.91	3.55	17.08	12.02	3.73	0	30.1
20070604:0656	79.5	0	94.18	2.62	26.04	12.21	4.39	0	23.7
20070604:0756	232.43	22.26	219.85	6.57	35.1	13.06	4.65	0	69.1
20070604:0856	304.53	34.67	277.84	8.36	43.84	13.91	4.92	0	90.6
20070604:0956	385.81	59.54	333.73	10.31	51.59	14.77	5.19	0	114.8
20070604:1056	308.54	14.29	304.81	8.73	57.35	15.69	5.34	0	91.8
20070604:1156	748.02	404.61	365.53	17.52	59.72	16.62	5.5	0	222.5
20070604:1256	698.87	358.65	360.93	16.85	57.89	17.54	5.66	0	207.9
20070604:1356	706.8	452.88	274.16	17.32	52.51	17.91	5.68	0	210.3
20070604:1456	644.71	536.94	123.47	17.05	44.95	18.28	5.71	0	191.8
20070604:1556	436.65	353.52	102.99	13.85	36.3	18.65	5.74	0	129.9
20070604:1656	211.37	93.47	148.09	8.79	27.25	18.11	5.75	0	62.9
20070604:1756	83.43	0.03	99.98	2.94	18.26	17.57	5.77	0	24.8
20070604:1856	65.7	0	81.85	2.46	9.67	17.02	5.78	0	19.5
20070604:1956	15.12	0	27.31	0.82	1.83	15.68	5.51	0	4.5
20070604:2056	0	0	0	0	0	14.34	5.24	0	0.0
20070604:2156	0	0	0	0	0	13.01	4.97	0	0.0
20070604:2256	0	0	0	0	0	12.27	4.85	0	0.0
20070604:2356	0	0	0	0	0	11.54	4.73	0	0.0
20070605:0056	0	0	0	0	0	10.81	4.61	0	0.0
20070605:0156	0	0	0	0	0	10.53	4.74	0	0.0
20070605:0256	0	0	0	0	0	10.26	4.86	0	0.0
20070605:0356	6.33	0	15.76	0.47	0.94	9.99	4.99	0	1.9
20070605:0456	41.21	0	55.06	1.66	8.64	10.29	5.24	0	12.3
20070605:0556	65.14	0.46	79.06	2.22	17.14	10.6	5.48	0	19.4
20070605:0656	113.24	1.06	125.21	3.51	26.1	10.9	5.72	0	33.7
20070605:0756	161.32	1.61	171.39	4.8	35.17	12.23	5.77	0	48.0
20070605:0856	570.34	268.78	303.51	13.41	43.9	13.55	5.82	0	169.7
20070605:0956	895.81	769.16	148.15	19.61	51.67	14.88	5.86	0	240.0
20070605:1056	964.65	846.4	153.3	21.27	57.44	15.87	5.93	0	240.0
20070605:1156	974.18	861.8	153.45	21.9	59.83	16.86	5.99	0	240.0
20070605:1256	923.66	812.45	148.82	21.41	58.01	17.85	6.06	0	240.0
20070605:1356	812.55	697.85	138.72	19.71	52.62	17.93	6.06	0	240.0

20070605:1456	585.01	366.51	231.8	15.42	45.06	18.01	6.06	0	174.0
20070605:1556	304.7	66.18	253.09	9.03	36.41	18.09	6.06	0	90.6
20070605:1656	122	1.14	137.29	3.87	27.37	17.32	5.96	0	36.3
20070605:1756	94.85	0.13	110.65	3.53	18.37	16.55	5.86	0	28.2
20070605:1856	45.07	0	60.29	1.82	9.79	15.77	5.77	0	13.4
20070605:1956	9.67	0	20.46	0.62	1.95	14.56	5.36	0	2.9
20070605:2056	0	0	0	0	0	13.34	4.96	0	0.0
20070605:2156	0	0	0	0	0	12.12	4.55	0	0.0
20070605:2256	0	0	0	0	0	11.51	4.52	0	0.0
20070605:2356	0	0	0	0	0	10.9	4.49	0	0.0
20070606:0056	0	0	0	0	0	10.29	4.46	0	0.0
20070606:0156	0	0	0	0	0	9.93	4.64	0	0.0
20070606:0256	0	0	0	0	0	9.57	4.83	0	0.0
20070606:0356	7.26	0	16.98	0.51	1.01	9.22	5.02	0	2.2
20070606:0456	44.66	0	58.39	1.76	8.71	9.34	4.92	0	13.3
20070606:0556	81.86	2.48	93.68	2.72	17.2	9.47	4.83	0	24.4
20070606:0656	107.04	0.53	119.21	3.33	26.16	9.59	4.73	0	31.8
20070606:0756	137.52	0.16	149.16	4.15	35.22	10.48	4.78	0	40.9
20070606:0856	146.03	0	158	4.39	43.96	11.37	4.83	0	43.4
20070606:0956	174.35	0	185.73	5.16	51.74	12.27	4.88	0	51.9
20070606:1056	208.53	0.06	219.6	6.11	57.53	13.51	4.89	0	62.0
20070606:1156	238.34	0.74	249.05	6.94	59.94	14.75	4.9	0	70.9
20070606:1256	196.6	0	210.42	5.85	58.12	15.99	4.91	0	58.5
20070606:1356	218.48	0.98	230.95	6.44	52.74	16.16	4.9	0	65.0
20070606:1456	170.01	0.09	184.68	5.14	45.17	16.33	4.88	0	50.6
20070606:1556	111.65	0	127.74	3.55	36.52	16.49	4.87	0	33.2
20070606:1656	56.7	0	72.55	2.02	27.47	16.06	4.86	0	16.9
20070606:1756	42.19	0	57.38	1.6	18.48	15.62	4.85	0	12.6
20070606:1856	48.85	0	64.1	1.93	9.9	15.18	4.84	0	14.5
20070606:1956	11	0	22.12	0.67	2.06	14.13	4.54	0	3.3
20070606:2056	0	0	0	0	0	13.07	4.24	0	0.0
20070606:2156	0	0	0	0	0	12.02	3.94	0	0.0
20070606:2256	0	0	0	0	0	11.65	3.98	0	0.0
20070606:2356	0	0	0	0	0	11.28	4.01	0	0.0
20070607:0056	0	0	0	0	0	10.92	4.04	0	0.0
20070607:0156	0	0	0	0	0	10.82	3.97	0	0.0
20070607:0256	0	0	0	0	0	10.73	3.89	0	0.0
20070607:0356	8.87	0	19.17	0.58	1.07	10.64	3.82	0	2.6
20070607:0456	50.8	0	65.03	1.96	8.76	10.97	4.14	0	15.1
20070607:0556	50.5	0.03	64.92	1.81	17.25	11.3	4.46	0	15.0
20070607:0656	79.45	0	93.87	2.61	26.2	11.63	4.77	0	23.6
20070607:0756	110.92	0	124.93	3.47	35.27	12.53	4.82	0	33.0
20070607:0856	112.56	0	126.99	3.53	44.02	13.43	4.86	0	33.5
20070607:0956	169.78	0	182.96	5.09	51.81	14.34	4.91	0	50.5
20070607:1056	202.07	0	215.29	5.99	57.61	15.42	4.72	0	60.1
20070607:1156	336.77	19.9	329.11	9.51	60.04	16.51	4.53	0	100.2
20070607:1256	295.76	9.95	300.15	8.54	58.23	17.59	4.34	0	88.0
20070607:1356	273.97	8.91	280.1	7.97	52.84	17.89	4.07	0	81.5
20070607:1456	195.42	1.21	210.51	5.88	45.28	18.19	3.8	0	58.1
20070607:1556	128.96	0	146.25	4.07	36.62	18.48	3.53	0	38.4
20070607:1656	95.63	0.03	112.82	3.14	27.57	18.22	3.58	0	28.4
20070607:1756	81.48	0.06	98.38	2.85	18.58	17.95	3.62	0	24.2
20070607:1856	55.36	0	71.56	2.15	10	17.68	3.67	0	16.5
20070607:1956	13.22	0	25.08	0.76	2.17	16.39	3.33	0	3.9
20070607:2056	0	0	0	0	0	15.1	2.99	0	0.0
20070607:2156	0	0	0	0	0	13.81	2.65	0	0.0
20070607:2256	0	0	0	0	0	13.22	2.7	0	0.0
20070607:2356	0	0	0	0	0	12.63	2.75	0	0.0
20070608:0056	0	0	0	0	0	12.04	2.8	0	0.0
20070608:0156	0	0	0	0	0	11.71	2.99	0	0.0
20070608:0256	0	0	0	0	0	11.38	3.19	0	0.0
20070608:0356	8.82	0	19.12	0.58	1.13	11.06	3.38	0	2.6
20070608:0456	49.75	0	64.1	1.93	8.81	11.38	3.59	0	14.8
20070608:0556	1.82	0	9.08	0.25	17.3	11.7	3.79	0	0.5
20070608:0656	80.48	0	95.1	2.64	26.25	12.02	4	0	23.9
20070608:0756	72.91	0	88.08	2.45	35.31	13.33	4.17	0	21.7
20070608:0856	74.34	0	89.97	2.5	44.07	14.64	4.34	0	22.1
20070608:0956	189.39	0.11	203.37	5.66	51.87	15.94	4.51	0	56.3
20070608:1056	239.41	1.89	251.68	7.03	57.69	16.97	4.4	0	71.2
20070608:1156	260.14	3.56	271.77	7.62	60.13	17.99	4.3	0	77.4
20070608:1256	340.75	27.24	330.09	9.69	58.33	19.01	4.19	0	101.4
20070608:1356	266.6	9.37	274.6	7.83	52.95	19.61	3.95	0	79.3
20070608:1456	445.66	164.14	302.58	12.31	45.38	20.21	3.71	0	132.6
20070608:1556	375.48	194.88	204.96	11.67	36.72	20.8	3.46	0	111.7
20070608:1656	118.98	1.3	136.4	3.86	27.67	20.46	3.39	0	35.4
20070608:1756	64.52	0.01	81.96	2.3	18.68	20.11	3.32	0	19.2
20070608:1856	0	0	4.01	0.12	10.1	19.77	3.26	0	0.0
20070608:1956	13.12	0	25.12	0.76	2.27	18.18	2.84	0	3.9
20070608:2056	0	0	0	0	0	16.59	2.42	0	0.0
20070608:2156	0	0	0	0	0	14.99	2	0	0.0
20070608:2256	0	0	0	0	0	14.23	1.94	0	0.0
20070608:2356	0	0	0	0	0	13.47	1.88	0	0.0
20070609:0056	0	0	0	0	0	12.71	1.82	0	0.0
20070609:0156	0	0	0	0	0	12.93	1.9	0	0.0
20070609:0256	0	0	0	0	0	13.15	1.98	0	0.0
20070609:0356	6.48	0	16.17	0.49	1.18	13.38	2.06	0	1.9
20070609:0456	38.96	0	53.61	1.61	8.86	14.1	2.22	0	11.6
20070609:0556	109.16	24.75	107.75	4.22	17.34	14.83	2.39	0	32.5
20070609:0656	121.85	3.09	134.71	3.83	26.28	15.55	2.55	0	36.3
20070609:0756	216.66	18.25	213.6	6.32	35.35	16.87	2.75	0	64.5
20070609:0856	540.35	274.72	288.21	13.2	44.11	18.19	2.96	0	160.8
20070609:0956	825.62	737.9	144.71	18.99	51.92	19.51	3.16	0	240.0
20070609:1056	898.51	824.01	150.91	20.85	57.76	20.08	3.09	0	240.0
20070609:1156	908.38	839.85	151.25	21.48	60.21	20.65	3.03	0	240.0
20070609:1256	863.81	792.55	146.73	21.02	58.42	21.22	2.97	0	240.0
20070609:1356	766.5	686.79	137.18	19.5	53.04	21.48	2.86	0	228.0
20070609:1456	525.67	296.62	261.25	14.47	45.47	21.73	2.74	0	156.4
20070609:1556	384.79	219.01	194.83	12.15	36.81	21.98	2.63	0	114.5
20070609:1656	197.13	166.03	76.76	10.25	27.77	21.43	2.7	0	58.6
20070609:1756	34.78	4.12	45.72	6.53	18.78	20.87	2.77	0	10.3
20070609:1856	27.67	0	42.46	1.28	10.2	20.31	2.84	0	8.2
20070609:1956	10.07	0	21.31	0.64	2.37	18.92	2.49	0	3.0
20070609:2056	0	0	0	0	0	17.53	2.14	0	0.0
20070609:2156	0	0	0	0	0	16.14	1.79	0	0.0
20070609:2256	0	0	0	0	0	15.44	1.61	0	0.0
20070609:2356	0	0	0	0	0	14.74	1.43	0	0.0
20070610:0056	0	0	0	0	0	14.04	1.24	0	0.0

20070610:0156	0	0	0	0	0	13.89	1.2	0	0.0
20070610:0256	0	0	0	0	0	13.75	1.16	0	0.0
20070610:0356	12.36	0	23.78	0.72	1.23	13.61	1.12	0	3.7
20070610:0456	62.77	0	78.12	2.35	8.9	13.82	1.5	0	18.7
20070610:0556	53.22	0.08	68.51	1.91	17.37	14.03	1.89	0	15.8
20070610:0656	80.67	0	96.33	2.68	26.32	14.24	2.28	0	24.0
20070610:0756	148.73	1.18	162.84	4.55	35.38	15.32	2.24	0	44.2
20070610:0856	168.64	0.33	184.13	5.13	44.15	16.4	2.2	0	50.2
20070610:0956	214.42	1.48	229.39	6.41	51.97	17.48	2.17	0	63.8
20070610:1056	279.37	8.69	288.64	8.18	57.82	18.51	2.14	0	83.1
20070610:1156	320.27	18.48	322.11	9.29	60.29	19.55	2.12	0	95.3
20070610:1256	268.32	6.27	282.72	7.98	58.51	20.58	2.1	0	79.8
20070610:1356	275.15	11.92	284.22	8.15	53.13	20.96	2.26	0	81.9
20070610:1456	363.98	78.86	308.7	10.45	45.56	21.34	2.43	0	108.3
20070610:1556	310.42	84.14	250.09	9.5	36.9	21.71	2.59	0	92.3
20070610:1656	177.68	19.44	180.98	6	27.85	21.36	2.65	0	52.9
20070610:1756	94.52	1.23	111.8	4.59	18.86	21.01	2.71	0	28.1
20070610:1856	27.94	0	42.83	1.29	10.29	20.66	2.77	0	8.3
20070610:1956	18.33	0	31.52	0.95	2.46	19.02	2.51	0	5.5
20070610:2056	0	0	0	0	0	17.38	2.24	0	0.0
20070610:2156	0	0	0	0	0	15.73	1.97	0	0.0
20070610:2256	0	0	0	0	0	14.91	1.88	0	0.0
20070610:2356	0	0	0	0	0	14.09	1.79	0	0.0
20070611:0056	0	0	0	0	0	13.27	1.7	0	0.0
20070611:0156	0	0	0	0	0	12.8	1.66	0	0.0
20070611:0256	0	0	0	0	0	12.33	1.63	0	0.0
20070611:0356	10	0	20.71	0.62	1.27	11.87	1.6	0	3.0
20070611:0456	52.53	0	67.3	2.03	8.93	12.45	1.77	0	15.6
20070611:0556	87.45	4.59	99.46	2.99	17.4	13.04	1.93	0	26.0
20070611:0656	121.2	2.51	133.62	3.78	26.34	13.62	2.1	0	36.1
20070611:0756	98.07	0	113.96	3.17	35.41	14.9	1.92	0	29.2
20070611:0856	159.47	0.06	175.42	4.88	44.18	16.19	1.74	0	47.4
20070611:0956	197.15	0.45	213.67	5.95	52.01	17.48	1.56	0	58.7
20070611:1056	295.07	13.08	300.71	8.6	57.87	18.38	1.67	0	87.8
20070611:1156	507.96	142.27	396.42	13.53	60.36	19.29	1.79	0	151.1
20070611:1256	315.24	19.11	317.68	9.2	58.6	20.19	1.9	0	93.8
20070611:1356	754.07	680.62	136.69	19.38	53.22	20.44	1.78	0	224.3
20070611:1456	610.46	530.42	122.38	16.97	45.65	20.68	1.66	0	181.6
20070611:1556	180.51	4.66	195.97	5.59	36.99	20.92	1.53	0	53.7
20070611:1656	137.95	3.95	154.14	4.48	27.94	20.82	1.34	0	41.0
20070611:1756	62.29	0.01	80.03	2.24	18.95	20.71	1.14	0	18.5
20070611:1856	20.27	0	34.04	1.02	10.37	20.6	0.95	0	6.0
20070611:1956	14.96	0	27.55	0.83	2.54	19.69	1.13	0	4.5
20070611:2056	0	0	0	0	0	18.78	1.31	0	0.0
20070611:2156	0	0	0	0	0	17.88	1.49	0	0.0
20070611:2256	0	0	0	0	0	17.12	1.37	0	0.0
20070611:2356	0	0	0	0	0	16.37	1.26	0	0.0
20070612:0056	0	0	0	0	0	15.62	1.14	0	0.0
20070612:0156	0	0	0	0	0	15.74	1.24	0	0.0
20070612:0256	0	0	0	0	0	15.86	1.33	0	0.0
20070612:0356	11.61	0	23.06	0.69	1.3	15.99	1.42	0	3.5
20070612:0456	58.59	0	74.55	2.24	8.96	16.22	1.98	0	17.4
20070612:0556	63.47	0.57	79.35	2.23	17.42	16.46	2.54	0	18.9
20070612:0656	98.68	0.39	114.86	3.2	26.36	16.69	3.1	0	29.4
20070612:0756	274.63	48.44	240.8	7.7	35.43	17.17	3.18	0	81.7
20070612:0856	381.46	89.73	307	10.19	44.2	17.66	3.25	0	113.5
20070612:0956	378.72	59.74	335.47	10.38	52.04	18.15	3.32	0	112.7
20070612:1056	411.7	66.17	364.27	11.28	57.92	18.82	3.38	0	122.5
20070612:1156	370.98	38.25	351.78	10.47	60.43	19.49	3.44	0	110.4
20070612:1256	685.9	368.87	357.46	17.06	58.67	20.16	3.5	0	204.1
20070612:1356	781.42	688.01	137.31	19.58	53.3	20.07	3.89	0	232.5
20070612:1456	633.67	536.71	122.96	17.16	45.73	19.98	4.29	0	188.5
20070612:1556	435.53	356.15	103.02	14.01	37.07	19.88	4.68	0	129.6
20070612:1656	212.12	109.46	136.51	9.22	28.02	19.65	4.32	0	63.1
20070612:1756	35.8	6.06	46.17	6.7	19.03	19.42	3.96	0	10.7
20070612:1856	40.06	0	55.83	1.68	10.45	19.18	3.6	0	11.9
20070612:1956	17.91	0	30.92	0.93	2.62	18.11	3	0	5.3
20070612:2056	0	0	0	0	0	17.04	2.4	0	0.0
20070612:2156	0	0	0	0	0	15.97	1.81	0	0.0
20070612:2256	0	0	0	0	0	15.41	2.01	0	0.0
20070612:2356	0	0	0	0	0	14.85	2.22	0	0.0
20070613:0056	0	0	0	0	0	14.29	2.43	0	0.0
20070613:0156	0	0	0	0	0	13.82	2.66	0	0.0
20070613:0256	0	0	0	0	0	13.35	2.89	0	0.0
20070613:0356	10.91	0	21.92	0.66	1.33	12.88	3.12	0	3.2
20070613:0456	55.45	0	70.42	2.12	8.98	13.34	3.53	0	16.5
20070613:0556	116.63	35.58	106.94	4.77	17.44	13.81	3.94	0	34.7
20070613:0656	336.94	265.3	93.26	9.92	26.38	14.28	4.34	0	100.2
20070613:0756	557.73	451.78	117.8	13.57	35.44	15.69	4.48	0	165.9
20070613:0856	257.78	15.28	256.13	7.41	44.22	17.1	4.61	0	76.7
20070613:0956	286.68	14.51	287.35	8.25	52.07	18.51	4.74	0	85.3
20070613:1056	520.54	149.68	390.32	13.44	57.96	19.05	4.8	0	154.9
20070613:1156	300.31	11.02	306.03	8.71	60.49	19.59	4.86	0	89.3
20070613:1256	809.18	585.16	268.2	19.38	58.74	20.12	4.91	0	240.0
20070613:1356	783.56	686.68	137.14	19.55	53.38	19.73	4.19	0	233.1
20070613:1456	471.18	190.5	301.28	12.93	45.8	19.33	3.48	0	140.2
20070613:1556	247.54	26.55	238.88	7.45	37.14	18.93	2.76	0	73.6
20070613:1656	61.3	0	78.17	2.17	28.09	18.39	2.14	0	18.2
20070613:1756	34	0	49.17	1.37	19.11	17.85	1.52	0	10.1
20070613:1856	10.63	0	21.92	0.66	10.53	17.31	0.9	0	3.2
20070613:1956	16.88	0	29.54	0.89	2.7	16.6	1.18	0	5.0
20070613:2056	0	0	0	0	0	15.89	1.47	0	0.0
20070613:2156	0	0	0	0	0	15.19	1.75	0	0.0
20070613:2256	0	0	0	0	0	15.11	1.78	0	0.0
20070613:2356	0	0	0	0	0	15.03	1.82	0	0.0
20070614:0056	0	0	0	0	0	14.96	1.85	0	0.0
20070614:0156	0	0	0	0	0	14.69	2	0	0.0
20070614:0256	0	0	0	0	0	14.43	2.15	0	0.0
20070614:0356	3.39	0	11.71	0.35	1.35	14.17	2.3	0	1.0
20070614:0456	24.06	0	37.48	1.13	8.99	14.22	2.54	0	7.2
20070614:0556	22.34	0	35.62	0.99	17.45	14.27	2.77	0	6.6
20070614:0656	25.62	0	39.3	1.09	26.38	14.32	3.01	0	7.6
20070614:0756	35.33	0	49.92	1.39	35.45	14.58	3.2	0	10.5
20070614:0856	55.99	0	71.55	1.99	44.23	14.84	3.38	0	16.7
20070614:0956	149.98	0	164.67	4.58	52.09	15.1	3.57	0	44.6
20070614:1056	285.56	8.66	288.37	8.18	58	15.17	3.93	0	85.0
20070614:1156	178.77	0	192.61	5.36	60.54	15.24	4.29	0	53.2

20070614:1256	175.63	0	189.5	5.27	58.81	15.31	4.65	0	52.2
20070614:1356	106.01	0	121.77	3.39	53.44	15.63	4.56	0	31.5
20070614:1456	41.57	0	56.81	1.58	45.87	15.95	4.46	0	12.4
20070614:1556	40.42	0	55.67	1.55	37.22	16.27	4.37	0	12.0
20070614:1656	39.38	0	54.48	1.51	28.17	15.93	4.61	0	11.7
20070614:1756	2.5	0	10.35	0.29	19.18	15.59	4.85	0	0.7
20070614:1856	4.19	0	12.97	0.39	10.6	15.24	5.09	0	1.2
20070614:1956	6.22	0	15.88	0.48	2.77	14.9	5.07	0	1.9
20070614:2056	0	0	0	0	0	14.56	5.05	0	0.0
20070614:2156	0	0	0	0	0	14.23	5.03	0	0.0
20070614:2256	0	0	0	0	0	14.11	5	0	0.0
20070614:2356	0	0	0	0	0	13.99	4.96	0	0.0
20070615:0056	0	0	0	0	0	13.87	4.92	0	0.0
20070615:0156	0	0	0	0	0	13.96	4.99	0	0.0
20070615:0256	0	0	0	0	0	14.05	5.06	0	0.0
20070615:0356	12.37	0	23.82	0.72	1.36	14.15	5.13	0	3.7
20070615:0456	60.73	0	75.97	2.29	9	14.24	4.75	0	18.1
20070615:0556	1.8	0	9.12	0.25	17.46	14.34	4.38	0	0.5
20070615:0656	250.8	90.42	176.01	7.3	26.39	14.43	4	0	74.6
20070615:0756	515.69	359.56	166.38	12.63	35.46	14.69	3.85	0	153.4
20070615:0856	425.37	122.97	311.8	10.94	44.24	14.96	3.71	0	126.5
20070615:0956	621.13	291.21	346.96	14.88	52.11	15.23	3.56	0	184.8
20070615:1056	832.14	578.35	291.38	19.08	58.03	15.85	3.88	0	240.0
20070615:1156	468.09	90.91	390.57	12.47	60.58	16.47	4.19	0	139.3
20070615:1256	333.97	20.75	326.39	9.47	58.86	17.09	4.51	0	99.4
20070615:1356	668.66	379.43	308.98	16.68	53.51	17.37	4.91	0	198.9
20070615:1456	19.91	0	33.25	0.92	45.94	17.65	5.31	0	5.9
20070615:1556	226.09	14.44	226.58	6.74	37.28	17.92	5.71	0	67.3
20070615:1656	218.85	92.78	153.97	8.88	28.23	17.22	5.52	0	65.1
20070615:1756	79.71	0.1	95.92	2.74	19.24	16.52	5.33	0	23.7
20070615:1856	37.51	0	52.35	1.58	10.66	15.82	5.14	0	11.2
20070615:1956	19.65	0	32.54	0.98	2.83	14.83	4.52	0	5.8
20070615:2056	0	0	0	0	0	13.84	3.9	0	0.0
20070615:2156	0	0	0	0	0	12.85	3.28	0	0.0
20070615:2256	0	0	0	0	0	12.46	3.38	0	0.0
20070615:2356	0	0	0	0	0	12.07	3.49	0	0.0
20070616:0056	0	0	0	0	0	11.68	3.59	0	0.0
20070616:0156	0	0	0	0	0	11.61	3.52	0	0.0
20070616:0256	0	0	0	0	0	11.54	3.45	0	0.0
20070616:0356	12.12	0	23.3	0.7	1.37	11.48	3.38	0	3.6
20070616:0456	59.55	0	74.11	2.23	9.01	11.86	3.91	0	17.7
20070616:0556	113.79	25.28	110.41	4.37	17.46	12.24	4.45	0	33.9
20070616:0656	182.75	22.82	172.32	5.4	26.39	12.62	4.98	0	54.4
20070616:0756	267.34	38.82	237.2	7.41	35.46	13.34	4.73	0	79.5
20070616:0856	677.95	470.37	217.47	15.53	44.24	14.05	4.47	0	201.7
20070616:0956	276.82	10.63	276.95	7.9	52.11	14.77	4.22	0	82.4
20070616:1056	330.84	20.54	320.66	9.28	58.05	15.08	4.19	0	98.4
20070616:1156	290.64	7.3	294.9	8.34	60.62	15.4	4.16	0	86.5
20070616:1256	632.94	262.75	387.65	15.75	58.91	15.72	4.12	0	188.3
20070616:1356	698.76	427.96	288.23	17.24	53.56	15.64	4.47	0	207.9
20070616:1456	138.22	0	153.22	4.26	46	15.55	4.81	0	41.1
20070616:1556	57.73	0	73.43	2.04	37.34	15.46	5.16	0	17.2
20070616:1656	117.57	0.58	132.39	3.71	28.29	15.3	4.94	0	35.0
20070616:1756	27.75	0	41.76	1.16	19.3	15.13	4.73	0	8.3
20070616:1856	39.81	0	54.62	1.64	10.72	14.96	4.51	0	11.8
20070616:1956	19.28	0	32.05	0.96	2.89	14.31	4.16	0	5.7
20070616:2056	0	0	0	0	0	13.66	3.8	0	0.0
20070616:2156	0	0	0	0	0	13.01	3.45	0	0.0
20070616:2256	0	0	0	0	0	12.74	3.39	0	0.0
20070616:2356	0	0	0	0	0	12.47	3.34	0	0.0
20070617:0056	0	0	0	0	0	12.21	3.28	0	0.0
20070617:0156	0	0	0	0	0	12.04	3.3	0	0.0
20070617:0256	0	0	0	0	0	11.88	3.31	0	0.0
20070617:0356	13.2	0	24.64	0.74	1.37	11.72	3.32	0	3.9
20070617:0456	63.79	0	78.36	2.36	9	11.82	3.5	0	19.0
20070617:0556	106.6	88.21	60.8	6.17	17.45	11.93	3.67	0	31.7
20070617:0656	338.14	264.06	93.02	9.94	26.38	12.03	3.85	0	100.6
20070617:0756	562.81	451.71	117.69	13.63	35.45	12.95	3.89	0	167.4
20070617:0856	742.87	623	135.19	16.92	44.24	13.88	3.92	0	221.0
20070617:0956	545.36	190.43	366.02	13.53	52.12	14.81	3.96	0	162.2
20070617:1056	407.13	54.54	363.42	11.06	58.06	15.52	4.09	0	121.1
20070617:1156	254.7	1.85	266.06	7.43	60.65	16.24	4.23	0	75.8
20070617:1256	636.78	264.47	393.17	15.93	58.96	16.96	4.36	0	189.4
20070617:1356	616.04	293.25	343.9	15.69	53.62	17.36	4	0	183.3
20070617:1456	426.65	122.68	319.7	11.8	46.05	17.76	3.63	0	126.9
20070617:1556	214.42	10.33	220.58	6.45	37.4	18.16	3.27	0	63.8
20070617:1656	131.02	1.76	146.72	4.17	28.35	18.02	2.67	0	39.0
20070617:1756	90.42	0.3	107.47	3.18	19.36	17.88	2.07	0	26.9
20070617:1856	13.44	0	25.49	0.77	10.78	17.74	1.48	0	4.0
20070617:1956	20.86	0	34.2	1.03	2.94	16.7	1.59	0	6.2
20070617:2056	0	0	0	0	0	15.66	1.7	0	0.0
20070617:2156	0	0	0	0	0	14.61	1.81	0	0.0
20070617:2256	0	0	0	0	0	14.2	1.8	0	0.0
20070617:2356	0	0	0	0	0	13.79	1.79	0	0.0
20070618:0056	0	0	0	0	0	13.38	1.78	0	0.0
20070618:0156	0	0	0	0	0	13.16	1.81	0	0.0
20070618:0256	0	0	0	0	0	12.94	1.84	0	0.0
20070618:0356	10.79	0	21.76	0.66	1.37	12.72	1.88	0	3.2
20070618:0456	22.17	0	35.17	1.06	9	12.75	2.06	0	6.6
20070618:0556	24.7	0	38.08	1.06	17.44	12.79	2.24	0	7.3
20070618:0656	65.28	0	80.41	2.24	26.37	12.82	2.43	0	19.4
20070618:0756	107.78	0	122.74	3.41	35.44	13.64	2.84	0	32.1
20070618:0856	186.31	0.99	198.67	5.54	44.23	14.45	3.25	0	55.4
20070618:0956	374.38	52.66	332.41	10.18	52.11	15.27	3.66	0	111.4
20070618:1056	271.46	5.63	278.43	7.85	58.07	15.83	3.92	0	80.8
20070618:1156	173.17	0	188.14	5.23	60.67	16.4	4.18	0	51.5
20070618:1256	380.72	41.89	351.72	10.57	59	16.96	4.44	0	113.3
20070618:1356	134.94	0	150.9	4.2	53.66	16.85	4.59	0	40.1
20070618:1456	180.48	0.42	194.96	5.43	46.1	16.74	4.74	0	53.7
20070618:1556	265.75	33.88	245.2	7.84	37.45	16.62	4.9	0	79.1
20070618:1656	180.89	15.69	182.11	5.84	28.4	16.44	4.74	0	53.8
20070618:1756	103.87	1.51	118.99	4.25	19.41	16.26	4.57	0	30.9
20070618:1856	25.65	0	39.51	1.19	10.83	16.08	4.41	0	7.6
20070618:1956	17.77	0	30.43	0.92	2.99	15.41	4	0	5.3
20070618:2056	0	0	0	0	0	14.74	3.6	0	0.0
20070618:2156	0	0	0	0	0	14.07	3.19	0	0.0
20070618:2256	0	0	0	0	0	13.61	3.09	0	0.0

20070618:2356	0	0	0	0	0	13.15	3	0	0.0
20070619:0056	0	0	0	0	0	12.69	2.91	0	0.0
20070619:0156	0	0	0	0	0	12.31	2.59	0	0.0
20070619:0256	0	0	0	0	0	11.94	2.27	0	0.0
20070619:0356	12.44	0	23.7	0.71	1.36	11.57	1.94	0	3.7
20070619:0456	60.72	0	75.49	2.27	8.98	12.12	1.89	0	18.1
20070619:0556	72.64	1.38	86.86	2.49	17.42	12.68	1.83	0	21.6
20070619:0656	138.56	6.15	146.99	4.25	26.35	13.24	1.78	0	41.2
20070619:0756	389.28	159.95	242.91	10.13	35.42	15.09	2.11	0	115.8
20070619:0856	559.51	299.35	282.92	13.63	44.21	16.94	2.44	0	166.5
20070619:0956	693.83	432.8	301.64	16.49	52.1	18.8	2.77	0	206.4
20070619:1056	840.74	653.01	248.44	19.62	58.07	19.77	3.45	0	240.0
20070619:1156	886.78	741.13	211.49	20.85	60.69	20.75	4.13	0	240.0
20070619:1256	761.73	497.81	310.37	18.58	59.03	21.72	4.81	0	226.6
20070619:1356	577.37	258.27	346.95	15.02	53.7	22	5.32	0	171.8
20070619:1456	534.88	292.18	266.77	14.53	46.15	22.27	5.83	0	159.1
20070619:1556	380.41	184.8	218.79	11.74	37.49	22.54	6.34	0	113.2
20070619:1656	203.05	41.54	185.72	7.21	28.45	21.43	6.78	0	60.4
20070619:1756	69.95	0.05	87.42	2.46	19.45	20.32	7.21	0	20.8
20070619:1856	32.32	0	47.37	1.43	10.87	19.21	7.64	0	9.6
20070619:1956	20.14	0	33.51	1.01	3.03	18.2	7.32	0	6.0
20070619:2056	0	0	0	0	0	17.18	7.01	0	0.0
20070619:2156	0	0	0	0	0	16.17	6.69	0	0.0
20070619:2256	0	0	0	0	0	16.12	5.81	0	0.0
20070619:2356	0	0	0	0	0	16.08	4.93	0	0.0
20070620:0056	0	0	0	0	0	16.04	4.06	0	0.0
20070620:0156	0	0	0	0	0	15.69	4.31	0	0.0
20070620:0256	0	0	0	0	0	15.34	4.56	0	0.0
20070620:0356	12.61	0	24.19	0.73	1.35	15	4.81	0	3.8
20070620:0456	61.87	0	77.27	2.33	8.96	14.75	5.03	0	18.4
20070620:0556	104.34	87.52	60.62	6.19	17.4	14.5	5.24	0	31.0
20070620:0656	336.14	264.25	92.98	9.98	26.33	14.25	5.45	0	100.0
20070620:0756	355.33	110.51	253.03	9.34	35.4	15.4	6.06	0	105.7
20070620:0856	693.01	500.53	202.68	15.85	44.19	16.56	6.66	0	206.2
20070620:0956	464.51	115.3	359.29	12.01	52.09	17.72	7.27	0	138.2
20070620:1056	443.44	79.62	375.54	11.83	58.07	18.29	7.35	0	131.9
20070620:1156	393.24	44.19	362.09	10.86	60.7	18.86	7.43	0	117.0
20070620:1256	188.86	0	205.25	5.71	59.05	19.43	7.5	0	56.2
20070620:1356	274	8.6	280.14	7.97	53.74	19.32	7.69	0	81.5
20070620:1456	658.79	544.19	127.23	17.47	46.18	19.21	7.87	0	196.0
20070620:1556	217.62	10.97	222.15	6.51	37.53	19.1	8.06	0	64.7
20070620:1656	206.02	36.85	189.71	7.09	28.49	18.7	7.71	0	61.3
20070620:1756	73.63	0.06	90.41	2.55	19.49	18.3	7.36	0	21.9
20070620:1856	30.53	0	45.18	1.36	10.91	17.9	7.01	0	9.1
20070620:1956	21.16	0	34.52	1.04	3.07	16.93	6.31	0	6.3
20070620:2056	0	0	0	0	0	15.95	5.61	0	0.0
20070620:2156	0	0	0	0	0	14.98	4.91	0	0.0
20070620:2256	0	0	0	0	0	14.44	4.62	0	0.0
20070620:2356	0	0	0	0	0	13.91	4.33	0	0.0
20070621:0056	0	0	0	0	0	13.38	4.04	0	0.0
20070621:0156	0	0	0	0	0	13.28	3.93	0	0.0
20070621:0256	0	0	0	0	0	13.18	3.81	0	0.0
20070621:0356	11.46	0	22.61	0.68	1.33	13.09	3.7	0	3.4
20070621:0456	57.33	0	72.37	2.18	8.94	13.56	4.03	0	17.1
20070621:0556	102.75	85.76	60.28	6.11	17.37	14.04	4.36	0	30.6
20070621:0656	330.62	260.47	92.36	9.87	26.3	14.51	4.69	0	98.4
20070621:0756	465.23	255.12	218.71	11.6	35.37	15.39	5.09	0	138.4
20070621:0856	387.46	86.98	309.86	10.23	44.17	16.27	5.5	0	115.3
20070621:0956	675.72	356.59	335.64	15.85	52.07	17.16	5.9	0	201.0
20070621:1056	944.35	830.34	151.1	21.12	58.06	17.23	6.15	0	240.0
20070621:1156	639.83	413.53	235.88	14.69	60.7	17.31	6.4	0	190.3
20070621:1256	286.8	7.38	291.97	8.26	59.07	17.38	6.65	0	85.3
20070621:1356	567.1	218.92	358.38	14.48	53.76	17.07	6.6	0	168.7
20070621:1456	163.88	0	178.75	4.97	46.22	16.76	6.56	0	48.8
20070621:1556	326.63	81.13	256.93	9.59	37.57	16.44	6.51	0	97.2
20070621:1656	223.44	133.42	121.55	9.86	28.52	16.02	6.02	0	66.5
20070621:1756	103.09	2.99	116.99	4.87	19.53	15.6	5.53	0	30.7
20070621:1856	12.43	0	23.99	0.72	10.94	15.17	5.03	0	3.7
20070621:1956	19.71	0	32.58	0.98	3.1	14.53	4.56	0	5.9
20070621:2056	0	0	0	0	0	13.89	4.08	0	0.0
20070621:2156	0	0	0	0	0	13.26	3.6	0	0.0
20070621:2256	0	0	0	0	0	13.05	3.56	0	0.0
20070621:2356	0	0	0	0	0	12.84	3.53	0	0.0
20070622:0056	0	0	0	0	0	12.63	3.49	0	0.0
20070622:0156	0	0	0	0	0	12.48	3.02	0	0.0
20070622:0256	0	0	0	0	0	12.33	2.54	0	0.0
20070622:0356	11.74	0	22.89	0.69	1.3	12.19	2.07	0	3.5
20070622:0456	58.9	0	73.7	2.22	8.91	12.44	2.52	0	17.5
20070622:0556	38.58	0	52.99	1.47	17.34	12.69	2.98	0	11.5
20070622:0656	90.48	0.09	105.28	2.93	26.26	12.94	3.43	0	26.9
20070622:0756	106.95	0	121.6	3.38	35.33	13.23	3.63	0	31.8
20070622:0856	272.54	20.06	261.86	7.66	44.14	13.52	3.82	0	81.1
20070622:0956	137.14	0	151.21	4.2	52.04	13.81	4.01	0	40.8
20070622:1056	619.52	245.27	388.75	15.12	58.04	14.39	3.72	0	184.3
20070622:1156	360.28	29.28	342	10.04	60.7	14.97	3.43	0	107.2
20070622:1256	213.9	0.16	227.59	6.33	59.08	15.55	3.13	0	63.6
20070622:1356	511.22	164.96	363.09	13.48	53.79	16.05	2.85	0	152.1
20070622:1456	129.11	0	145.42	4.04	46.25	16.54	2.57	0	38.4
20070622:1556	281.84	45.39	252.71	8.4	37.6	17.03	2.29	0	83.8
20070622:1656	221.52	96.36	154.18	8.98	28.55	16.38	1.87	0	65.9
20070622:1756	76.77	0.1	93.05	2.63	19.56	15.73	1.45	0	22.8
20070622:1856	37.58	0	52.39	1.58	10.97	15.08	1.03	0	11.2
20070622:1956	20.41	0	33.39	1.01	3.12	14.33	1	0	6.1
20070622:2056	0	0	0	0	0	13.58	0.96	0	0.0
20070622:2156	0	0	0	0	0	12.82	0.92	0	0.0
20070622:2256	0	0	0	0	0	12.56	1.2	0	0.0
20070622:2356	0	0	0	0	0	12.3	1.48	0	0.0
20070623:0056	0	0	0	0	0	12.04	1.75	0	0.0
20070623:0156	0	0	0	0	0	12.11	2.39	0	0.0
20070623:0256	0	0	0	0	0	12.19	3.02	0	0.0
20070623:0356	14.68	0	26.46	0.8	1.27	12.27	3.66	0	4.4
20070623:0456	70.87	0	85.62	2.58	8.87	12.52	3.79	0	21.1
20070623:0556	41.26	0	55.8	1.55	17.3	12.77	3.93	0	12.3
20070623:0656	76.95	0	91.99	2.56	26.23	13.02	4.07	0	22.9
20070623:0756	255.29	33.79	231.54	7.15	35.3	13.81	4.15	0	75.9
20070623:0856	291.21	28.48	272.65	8.12	44.1	14.61	4.23	0	86.6
20070623:0956	293.4	16.2	288.35	8.31	52.01	15.4	4.32	0	87.3

20070623:1056	505.74	129.13	388.68	13.05	58.01	15.71	4.23	0	150.5
20070623:1156	339.52	20.98	330.4	9.57	60.69	16.01	4.14	0	101.0
20070623:1256	615.08	242.71	391	15.45	59.09	16.31	4.06	0	183.0
20070623:1356	510.98	159.33	365.64	13.43	53.8	16.68	4.23	0	152.0
20070623:1456	414.59	108.6	318.58	11.42	46.27	17.05	4.4	0	123.3
20070623:1556	199.35	6.28	208.32	5.98	37.62	17.41	4.57	0	59.3
20070623:1656	7.68	0	18.03	0.5	28.58	16.82	4.39	0	2.3
20070623:1756	100.77	3.73	114.81	5.05	19.58	16.23	4.22	0	30.0
20070623:1856	84.22	0	100.04	3.01	10.99	15.63	4.04	0	25.1
20070623:1956	25.38	0	39.02	1.17	3.14	14.75	3.51	0	7.6
20070623:2056	0	0	0	0	0	13.87	2.98	0	0.0
20070623:2156	0	0	0	0	0	12.98	2.46	0	0.0
20070623:2256	0	0	0	0	0	12.55	2.72	0	0.0
20070623:2356	0	0	0	0	0	12.11	2.98	0	0.0
20070624:0056	0	0	0	0	0	11.67	3.24	0	0.0
20070624:0156	0	0	0	0	0	11.49	3.3	0	0.0
20070624:0256	0	0	0	0	0	11.31	3.35	0	0.0
20070624:0356	10.12	0	20.79	0.63	1.23	11.13	3.41	0	3.0
20070624:0456	53.43	0	67.83	2.04	8.83	11.44	3.89	0	15.9
20070624:0556	79.8	2.33	92.74	2.7	17.26	11.75	4.36	0	23.7
20070624:0656	114.39	1.4	126.71	3.56	26.18	12.06	4.84	0	34.0
20070624:0756	152.76	1.11	164.06	4.59	35.25	12.5	5.01	0	45.4
20070624:0856	116.04	0	130.06	3.62	44.06	12.94	5.17	0	34.5
20070624:0956	75.35	0	90.45	2.52	51.97	13.39	5.34	0	22.4
20070624:1056	250.73	2.22	257.85	7.21	57.98	13.38	5.19	0	74.6
20070624:1156	371.81	31.48	346.24	10.2	60.67	13.37	5.04	0	110.6
20070624:1256	293.6	8.09	293.59	8.32	59.08	13.36	4.9	0	87.3
20070624:1356	215.72	0.56	226.09	6.3	53.81	13.55	4.83	0	64.2
20070624:1456	344.59	48.27	303.26	9.57	46.28	13.73	4.76	0	102.5
20070624:1556	138.52	0.04	152.43	4.24	37.64	13.91	4.69	0	41.2
20070624:1656	227.58	121.36	133.72	9.58	28.6	13.53	4.35	0	67.7
20070624:1756	84.34	6.64	95.71	5.8	19.6	13.15	4.02	0	25.1
20070624:1856	17.15	0	29.42	0.89	11.01	12.76	3.68	0	5.1
20070624:1956	18.63	0	31.08	0.94	3.15	12.37	3.63	0	5.5
20070624:2056	0	0	0	0	0	11.98	3.57	0	0.0
20070624:2156	0	0	0	0	0	11.59	3.52	0	0.0
20070624:2256	0	0	0	0	0	11.65	3.74	0	0.0
20070624:2356	0	0	0	0	0	11.72	3.97	0	0.0
20070625:0056	0	0	0	0	0	11.79	4.19	0	0.0
20070625:0156	0	0	0	0	0	12.05	4.16	0	0.0
20070625:0256	0	0	0	0	0	12.32	4.13	0	0.0
20070625:0356	9.12	0	19.61	0.59	1.19	12.59	4.1	0	2.7
20070625:0456	49.78	0	64.47	1.94	8.79	12.74	3.85	0	14.8
20070625:0556	2.21	0	9.78	0.27	17.21	12.9	3.6	0	0.7
20070625:0656	162.13	14.19	161.58	4.88	26.13	13.05	3.35	0	48.2
20070625:0756	115.59	0	130.02	3.62	35.21	13.18	3.43	0	34.4
20070625:0856	191.8	1.37	202.48	5.66	44.01	13.31	3.51	0	57.1
20070625:0956	165.7	0	178.71	4.97	51.93	13.44	3.59	0	49.3
20070625:1056	341.42	23.09	327.45	9.52	57.95	13.45	3.07	0	101.6
20070625:1156	754.53	415.94	369.7	17.96	60.65	13.47	2.56	0	224.5
20070625:1256	901.96	811.74	147.89	21.55	59.07	13.49	2.04	0	240.0
20070625:1356	191.11	0	204.68	5.69	53.81	14.03	1.97	0	56.9
20070625:1456	277.91	17.31	273.4	8.02	46.29	14.56	1.89	0	82.7
20070625:1556	151.47	0.39	166.35	4.64	37.66	15.09	1.82	0	45.1
20070625:1656	116.79	0.48	131.52	3.68	28.61	14.45	3.15	0	34.7
20070625:1756	72.51	0.04	87.82	2.46	19.62	13.81	4.48	0	21.6
20070625:1856	27.32	0	40.88	1.23	11.02	13.17	5.81	0	8.1
20070625:1956	17.41	0	29.66	0.89	3.16	12.47	7.37	0	5.2
20070625:2056	0	0	0	0	0	11.76	8.93	0	0.0
20070625:2156	0	0	0	0	0	11.06	10.5	0	0.0
20070625:2256	0	0	0	0	0	10.82	10.52	0	0.0
20070625:2356	0	0	0	0	0	10.58	10.54	0	0.0
20070626:0056	0	0	0	0	0	10.35	10.57	0	0.0
20070626:0156	0	0	0	0	0	10.05	10.23	0	0.0
20070626:0256	0	0	0	0	0	9.76	9.89	0	0.0
20070626:0356	12.07	0	23.06	0.69	1.14	9.47	9.56	0	3.6
20070626:0456	62.9	0	76.58	2.31	8.74	9.59	9.27	0	18.7
20070626:0556	115.42	24.49	111.21	4.41	17.16	9.72	8.99	0	34.3
20070626:0656	319.13	190.82	138.34	9.11	26.08	9.85	8.7	0	94.9
20070626:0756	548.86	367.25	171.98	12.99	35.15	10.41	8.52	0	163.3
20070626:0856	359.94	55.95	302.89	9.46	43.96	10.97	8.34	0	107.1
20070626:0956	290.1	10.62	283.35	8.07	51.88	11.52	8.15	0	86.3
20070626:1056	240.76	0.8	247.18	6.89	57.9	12.09	8.09	0	71.6
20070626:1156	177.16	0	188.05	5.23	60.62	12.66	8.02	0	52.7
20070626:1256	241	0.65	248.82	6.93	59.06	13.23	7.96	0	71.7
20070626:1356	436.21	76.21	360.99	11.59	53.81	13.24	7.54	0	129.8
20070626:1456	406.19	84.68	323.52	10.98	46.3	13.24	7.11	0	120.8
20070626:1556	267.69	26.73	248.99	7.72	37.67	13.24	6.69	0	79.6
20070626:1656	121.59	0.54	134.94	3.78	28.62	13.11	6.14	0	36.2
20070626:1756	56.95	0	71.9	2	19.62	12.97	5.6	0	16.9
20070626:1856	15.94	0	28	0.84	11.03	12.83	5.05	0	4.7
20070626:1956	22.47	0	35.41	1.07	3.16	12.29	4.42	0	6.7
20070626:2056	0	0	0	0	0	11.75	3.8	0	0.0
20070626:2156	0	0	0	0	0	11.2	3.17	0	0.0
20070626:2256	0	0	0	0	0	10.94	3.32	0	0.0
20070626:2356	0	0	0	0	0	10.67	3.47	0	0.0
20070627:0056	0	0	0	0	0	10.4	3.61	0	0.0
20070627:0156	0	0	0	0	0	9.93	3.74	0	0.0
20070627:0256	0	0	0	0	0	9.46	3.86	0	0.0
20070627:0356	12.19	0	23.18	0.7	1.08	9	3.99	0	3.6
20070627:0456	64.07	0	77.92	2.35	8.68	9.69	4.54	0	19.1
20070627:0556	59.19	0.19	73.28	2.05	17.1	10.39	5.09	0	17.6
20070627:0656	131.69	3.78	140.4	4.01	26.02	11.08	5.64	0	39.2
20070627:0756	360.53	110.85	251.9	9.32	35.09	11.96	6.31	0	107.3
20070627:0856	361.26	63.58	300.37	9.53	43.9	12.84	6.97	0	107.5
20070627:0956	479.14	119.73	359.99	12.11	51.82	13.72	7.64	0	142.5
20070627:1056	354.28	27.49	331.85	9.72	57.85	14.07	7.75	0	105.4
20070627:1156	389.15	38.38	355.36	10.57	60.58	14.42	7.86	0	115.8
20070627:1256	374.95	34.27	346.15	10.27	59.04	14.77	7.97	0	111.5
20070627:1356	445.37	88.9	359.81	11.81	53.8	14.67	7.73	0	132.5
20070627:1456	48.93	0	64.09	1.78	46.3	14.57	7.49	0	14.6
20070627:1556	37.23	0	51.85	1.44	37.67	14.47	7.24	0	11.1
20070627:1656	233.98	136.76	125.61	10.03	28.63	13.88	6.86	0	69.6
20070627:1756	75	9.18	85.25	6.28	19.63	13.28	6.48	0	22.3
20070627:1856	32.12	0	45.99	1.38	11.03	12.68	6.1	0	9.6
20070627:1956	23.19	0	36.14	1.09	3.16	11.82	5.45	0	6.9
20070627:2056	0	0	0	0	0	10.95	4.81	0	0.0

20070627:2156	0	0	0	0	0	10.09	4.17	0	0.0
20070627:2256	0	0	0	0	0	9.49	3.96	0	0.0
20070627:2356	0	0	0	0	0	8.89	3.75	0	0.0
20070628:0056	0	0	0	0	0	8.29	3.54	0	0.0
20070628:0156	0	0	0	0	0	7.94	3.47	0	0.0
20070628:0256	0	0	0	0	0	7.6	3.39	0	0.0
20070628:0356	11.54	0	22.24	0.67	1.02	7.26	3.31	0	3.4
20070628:0456	62.27	0	75.65	2.28	8.62	7.96	3.76	0	18.5
20070628:0556	101.3	82.91	59.44	6.06	17.04	8.67	4.21	0	30.1
20070628:0656	336.26	259.09	92.15	9.84	25.96	9.38	4.66	0	100.0
20070628:0756	571.04	451	117.74	13.64	35.03	10.89	5.11	0	169.9
20070628:0856	693.97	473.56	220.97	15.69	43.84	12.39	5.55	0	206.5
20070628:0956	608.61	249.17	363.33	14.51	51.76	13.9	6	0	181.1
20070628:1056	352.78	27.28	332.58	9.73	57.8	14.53	6.18	0	105.0
20070628:1156	238.56	0.67	249.13	6.94	60.53	15.17	6.36	0	71.0
20070628:1256	508.71	122.26	393.83	13.22	59.01	15.8	6.54	0	151.3
20070628:1356	261.8	5.35	268.13	7.57	53.79	16.32	6.73	0	77.9
20070628:1456	540.7	258.67	289.93	14.25	46.29	16.83	6.91	0	160.9
20070628:1556	427.69	249.91	190.73	12.91	37.67	17.34	7.1	0	127.2
20070628:1656	227.65	99.72	154.68	9.08	28.62	16.93	6.82	0	67.7
20070628:1756	104.99	3.42	119.22	4.77	19.62	16.51	6.53	0	31.2
20070628:1856	41.15	0	56.24	1.69	11.02	16.09	6.25	0	12.2
20070628:1956	21.97	0	35.25	1.06	3.15	15.41	6.49	0	6.5
20070628:2056	0	0	0	0	0	14.73	6.74	0	0.0
20070628:2156	0	0	0	0	0	14.05	6.98	0	0.0
20070628:2256	0	0	0	0	0	13.79	7.16	0	0.0
20070628:2356	0	0	0	0	0	13.54	7.34	0	0.0
20070629:0056	0	0	0	0	0	13.29	7.52	0	0.0
20070629:0156	0	0	0	0	0	13.14	7.66	0	0.0
20070629:0256	0	0	0	0	0	12.99	7.8	0	0.0
20070629:0356	13.23	0	24.76	0.75	0.96	12.85	7.94	0	3.9
20070629:0456	70.74	0	85.41	2.57	8.55	12.88	7.94	0	21.0
20070629:0556	97.96	10.85	105.19	3.51	16.97	12.92	7.94	0	29.1
20070629:0656	255.34	98.62	169.56	7.38	25.89	12.96	7.93	0	76.0
20070629:0756	233.51	21.92	220.25	6.59	34.96	13.22	7.72	0	69.5
20070629:0856	516.36	208.5	306.52	12.43	43.77	13.48	7.52	0	153.6
20070629:0956	332.03	28.64	308.78	9.1	51.69	13.73	7.31	0	98.8
20070629:1056	677.05	298.7	383.2	15.92	57.73	14.59	7.17	0	201.4
20070629:1156	506.53	115.29	397.05	13.07	60.48	15.45	7.03	0	150.7
20070629:1256	576.41	188.43	396.53	14.53	58.97	16.3	6.9	0	171.5
20070629:1356	831.9	707.54	138.82	20.01	53.77	16.5	7.02	0	240.0
20070629:1456	543.15	261.26	289.06	14.28	46.28	16.7	7.14	0	161.6
20070629:1556	392.04	168.09	235.38	11.6	37.66	16.9	7.26	0	116.6
20070629:1656	206.39	29.73	194.09	6.82	28.62	16.55	6.95	0	61.4
20070629:1756	107.99	1.71	122.91	4.12	19.62	16.2	6.64	0	32.1
20070629:1856	48.06	0	63.41	1.91	11.01	15.85	6.33	0	14.3
20070629:1956	26.18	0	39.91	1.2	3.13	14.94	5.46	0	7.8
20070629:2056	0	0	0	0	0	14.03	4.58	0	0.0
20070629:2156	0	0	0	0	0	13.12	3.71	0	0.0
20070629:2256	0	0	0	0	0	12.75	3.61	0	0.0
20070629:2356	0	0	0	0	0	12.37	3.51	0	0.0
20070630:0056	0	0	0	0	0	11.99	3.41	0	0.0
20070630:0156	0	0	0	0	0	11.78	3.41	0	0.0
20070630:0256	0	0	0	0	0	11.57	3.42	0	0.0
20070630:0356	7.56	0	17.5	0.53	0.88	11.36	3.42	0	2.2
20070630:0456	46.91	0	61.3	1.85	8.48	11.85	3.77	0	14.0
20070630:0556	3.25	0	11.45	0.32	16.9	12.35	4.11	0	1.0
20070630:0656	232.51	72.23	173.98	6.78	25.82	12.84	4.46	0	69.2
20070630:0756	293.49	62.91	238.51	7.95	34.89	13.23	4.39	0	87.3
20070630:0856	205.34	3.67	213.16	6	43.7	13.62	4.32	0	61.1
20070630:0956	124.18	0	138.7	3.86	51.62	14.02	4.25	0	36.9
20070630:1056	222.88	0.63	234.08	6.52	57.67	14.56	4.59	0	66.3
20070630:1156	283.56	6.87	287.34	8.12	60.42	15.11	4.94	0	84.4
20070630:1256	158.92	0	173.36	4.82	58.93	15.65	5.28	0	47.3
20070630:1356	183.88	0	197.83	5.5	53.74	15.97	5.49	0	54.7
20070630:1456	110.43	0	126.33	3.51	46.26	16.29	5.69	0	32.9
20070630:1556	259.86	30.72	241.89	7.64	37.65	16.61	5.89	0	77.3
20070630:1656	151.99	5.55	162.3	4.78	28.61	16.52	5.93	0	45.2
20070630:1756	62.06	0.01	78.1	2.18	19.6	16.43	5.97	0	18.5
20070630:1856	13.7	0	25.65	0.77	10.99	16.34	6.01	0	4.1
20070630:1956	16.26	0	28.69	0.86	3.11	15.88	5.96	0	4.8
20070630:2056	0	0	0	0	0	15.42	5.9	0	0.0
20070630:2156	0	0	0	0	0	14.97	5.85	0	0.0
20070630:2256	0	0	0	0	0	14.86	5.95	0	0.0
20070630:2356	0	0	0	0	0	14.75	6.06	0	0.0
20070701:0056	0	0	0	0	0	14.64	6.17	0	0.0
20070701:0156	0	0	0	0	0	14.6	6.42	0	0.0
20070701:0256	0	0	0	0	0	14.56	6.67	0	0.0
20070701:0356	10.4	0	21.39	0.64	0.81	14.52	6.92	0	3.1
20070701:0456	56.78	0	71.96	2.17	8.4	14.46	6.87	0	16.9
20070701:0556	106.6	34.45	99.1	4.64	16.82	14.4	6.82	0	31.7
20070701:0656	230.7	68.66	176.27	6.75	25.74	14.34	6.77	0	68.6
20070701:0756	214.64	16.11	209.79	6.17	34.81	14.9	7.48	0	63.9
20070701:0856	427.34	123.85	307.55	10.84	43.62	15.45	8.19	0	127.1
20070701:0956	282.34	13.04	278.94	7.99	51.55	16	8.9	0	84.0
20070701:1056	476.3	102.13	379.46	12.31	57.59	16.28	8.89	0	141.7
20070701:1156	249.6	1.69	259.5	7.25	60.36	16.56	8.89	0	74.3
20070701:1256	333.7	20.14	322.99	9.36	58.88	16.84	8.88	0	99.3
20070701:1356	821.27	685.9	144.82	19.61	53.7	17.45	9.06	0	240.0
20070701:1456	26.93	0	41.28	1.15	46.24	18.07	9.23	0	8.0
20070701:1556	402.81	202.02	213.88	12.02	37.63	18.69	9.41	0	119.8
20070701:1656	222.06	181.35	78.97	10.65	28.59	18.08	8.91	0	66.1
20070701:1756	97.73	5.27	111.51	5.18	19.58	17.47	8.42	0	29.1
20070701:1856	31.6	0	46.15	1.39	10.97	16.86	7.93	0	9.4
20070701:1956	20.81	0	34	1.02	3.08	16	7.39	0	6.2
20070701:2056	0	0	0	0	0	15.15	6.86	0	0.0
20070701:2156	0	0	0	0	0	14.29	6.32	0	0.0
20070701:2256	0	0	0	0	0	14.11	6.23	0	0.0
20070701:2356	0	0	0	0	0	13.92	6.14	0	0.0
20070702:0056	0	0	0	0	0	13.74	6.06	0	0.0
20070702:0156	0	0	0	0	0	13.7	5.97	0	0.0
20070702:0256	0	0	0	0	0	13.67	5.89	0	0.0
20070702:0356	11.26	0	22.41	0.67	0.72	13.63	5.81	0	3.3
20070702:0456	61.58	0	76.66	2.31	8.32	13.86	6.05	0	18.3
20070702:0556	100.04	14.18	105.79	3.72	16.74	14.09	6.29	0	29.8
20070702:0656	162.24	15.45	160.71	4.89	25.66	14.31	6.52	0	48.3
20070702:0756	212.97	15.57	208.81	6.14	34.73	14.67	6.44	0	63.4

20070702:0856	308.75	38.18	278.94	8.47	43.54	15.03	6.35	0	91.9
20070702:0956	310.76	22.7	297.25	8.67	51.46	15.39	6.26	0	92.5
20070702:1056	632.03	257.66	383.95	15.18	57.51	15.62	6.18	0	188.0
20070702:1156	373.78	35.49	347.27	10.29	60.29	15.85	6.11	0	111.2
20070702:1256	133.17	0	148.44	4.13	58.82	16.09	6.03	0	39.6
20070702:1356	455.86	105.41	359.29	12.12	53.66	16.53	6.28	0	135.6
20070702:1456	561.68	306.28	264.22	14.71	46.21	16.97	6.53	0	167.1
20070702:1556	91.84	0	108.39	3.01	37.6	17.42	6.79	0	27.3
20070702:1656	201.03	30.13	188.59	6.67	28.56	16.64	6.86	0	59.8
20070702:1756	2.68	0	10.66	0.3	19.56	15.86	6.92	0	0.8
20070702:1856	23.05	0	36.43	1.1	10.94	15.08	6.99	0	6.9
20070702:1956	23.02	0	36.26	1.09	3.04	14.19	6.88	0	6.8
20070702:2056	0	0	0	0	0	13.3	6.77	0	0.0
20070702:2156	0	0	0	0	0	12.41	6.66	0	0.0
20070702:2256	0	0	0	0	0	11.98	6.64	0	0.0
20070702:2356	0	0	0	0	0	11.54	6.62	0	0.0
20070703:0056	0	0	0	0	0	11.11	6.59	0	0.0
20070703:0156	0	0	0	0	0	11.29	6.5	0	0.0
20070703:0256	0	0	0	0	0	11.48	6.41	0	0.0
20070703:0356	10.32	0	21.07	0.63	0.64	11.66	6.32	0	3.1
20070703:0456	59.06	0	73.5	2.21	8.23	11.81	6.33	0	17.6
20070703:0556	105.11	19.66	106.17	4.03	16.66	11.95	6.34	0	31.3
20070703:0656	304.91	192.32	128.37	8.87	25.58	12.09	6.36	0	90.7
20070703:0756	526.42	369.86	157.26	12.64	34.65	12.88	6.17	0	156.6
20070703:0856	563.86	273.8	291.65	13.29	43.45	13.66	5.97	0	167.7
20070703:0956	783.95	533.69	262.74	17.49	51.38	14.44	5.78	0	233.2
20070703:1056	739.84	395.56	358.86	17.07	57.43	14.93	5.57	0	220.1
20070703:1156	603.33	209.27	405.07	14.94	60.21	15.42	5.36	0	179.5
20070703:1256	207.05	0.05	220.39	6.13	58.76	15.91	5.14	0	61.6
20070703:1356	320.92	21.81	309.43	9.05	53.62	15.84	5.46	0	95.5
20070703:1456	565.09	302.75	269.86	14.75	46.17	15.77	5.78	0	168.1
20070703:1556	284.2	41.79	253.45	8.28	37.57	15.71	6.1	0	84.5
20070703:1656	227.62	184.78	79.37	10.77	28.53	15.47	5.97	0	67.7
20070703:1756	2.78	0	10.79	0.3	19.53	15.23	5.84	0	0.8
20070703:1856	46.03	0	61.1	1.84	10.9	14.99	5.71	0	13.7
20070703:1956	21.71	0	34.81	1.05	3	14.23	5.33	0	6.5
20070703:2056	0	0	0	0	0	13.47	4.95	0	0.0
20070703:2156	0	0	0	0	0	12.71	4.57	0	0.0
20070703:2256	0	0	0	0	0	12.47	4.75	0	0.0
20070703:2356	0	0	0	0	0	12.22	4.94	0	0.0
20070704:0056	0	0	0	0	0	11.98	5.13	0	0.0
20070704:0156	0	0	0	0	0	11.95	5.34	0	0.0
20070704:0256	0	0	0	0	0	11.93	5.55	0	0.0
20070704:0356	9.66	0	20.26	0.61	0.54	11.91	5.77	0	2.9
20070704:0456	57.63	0	72.16	2.17	8.14	12.06	5.82	0	17.1
20070704:0556	105.34	28.02	101.25	4.36	16.57	12.21	5.87	0	31.3
20070704:0656	252.02	95.7	169.49	7.29	25.49	12.35	5.92	0	75.0
20070704:0756	258.5	36.05	230.44	7.16	34.56	13.18	6.34	0	76.9
20070704:0856	530.56	231.46	300.07	12.67	43.36	14	6.75	0	157.8
20070704:0956	614.38	266.82	351.01	14.48	51.28	14.83	7.17	0	182.8
20070704:1056	238.66	1.32	248.55	6.94	57.33	15.43	7.21	0	71.0
20070704:1156	33.26	0	47.9	1.33	60.12	16.03	7.25	0	9.9
20070704:1256	311.21	12.98	308.83	8.83	58.69	16.64	7.28	0	92.6
20070704:1356	397.57	60.71	345.16	10.82	53.56	16.66	7.59	0	118.3
20070704:1456	104.05	0	120.06	3.34	46.13	16.68	7.89	0	31.0
20070704:1556	303.32	57.48	256.77	8.83	37.53	16.7	8.19	0	90.2
20070704:1656	103.84	0.11	119.4	3.33	28.5	15.96	7.89	0	30.9
20070704:1756	88.22	7.69	100.04	5.62	19.49	15.22	7.59	0	26.2
20070704:1856	38.49	0	53.08	1.6	10.86	14.48	7.28	0	11.5
20070704:1956	21.24	0	34.24	1.03	2.95	14	6.82	0	6.3
20070704:2056	0	0	0	0	0	13.52	6.36	0	0.0
20070704:2156	0	0	0	0	0	13.04	5.9	0	0.0
20070704:2256	0	0	0	0	0	13.01	6.05	0	0.0
20070704:2356	0	0	0	0	0	12.97	6.2	0	0.0
20070705:0056	0	0	0	0	0	12.94	6.34	0	0.0
20070705:0156	0	0	0	0	0	12.84	6.41	0	0.0
20070705:0256	0	0	0	0	0	12.75	6.47	0	0.0
20070705:0356	6.05	0	15.52	0.47	0.45	12.65	6.54	0	1.8
20070705:0456	42.19	0	56.6	1.7	8.04	12.86	6.81	0	12.6
20070705:0556	104.69	26	102.31	4.28	16.47	13.07	7.08	0	31.1
20070705:0656	320.56	249.41	90.79	9.49	25.39	13.28	7.35	0	95.4
20070705:0756	550.06	435.53	116.01	13.14	34.46	14.07	7.22	0	163.6
20070705:0856	738.7	608	134.05	16.46	43.27	14.86	7.09	0	219.8
20070705:0956	570.28	219.26	356.79	13.76	51.19	15.65	6.97	0	169.7
20070705:1056	275.24	6.31	280.06	7.9	57.23	16.2	6.85	0	81.9
20070705:1156	126.25	0	141.99	3.95	60.03	16.74	6.73	0	37.6
20070705:1256	199.74	0	214.15	5.95	58.61	17.29	6.61	0	59.4
20070705:1356	491.89	140.21	361.57	12.87	53.5	17.33	6.73	0	146.3
20070705:1456	293.83	25.22	280.57	8.39	46.08	17.38	6.86	0	87.4
20070705:1556	15.6	0	28.12	0.78	37.49	17.43	6.98	0	4.6
20070705:1656	7.44	0	17.68	0.49	28.46	16.42	6.76	0	2.2
20070705:1756	56.5	0	72.11	2.01	19.45	15.41	6.54	0	16.8
20070705:1856	13.08	0	24.72	0.74	10.81	14.4	6.32	0	3.9
20070705:1956	14.82	0	26.82	0.81	2.9	14.43	6.63	0	4.4
20070705:2056	0	0	0	0	0	14.45	6.93	0	0.0
20070705:2156	0	0	0	0	0	14.48	7.24	0	0.0
20070705:2256	0	0	0	0	0	14.13	7.75	0	0.0
20070705:2356	0	0	0	0	0	13.78	8.26	0	0.0
20070706:0056	0	0	0	0	0	13.44	8.77	0	0.0
20070706:0156	0	0	0	0	0	13.32	9.43	0	0.0
20070706:0256	0	0	0	0	0	13.2	10.08	0	0.0
20070706:0356	10.08	0	20.87	0.63	0.34	13.08	10.73	0	3.0
20070706:0456	63.26	0	78	2.35	7.94	13.15	11	0	18.8
20070706:0556	104.54	28.68	100.35	4.37	16.37	13.21	11.26	0	31.1
20070706:0656	322.11	249.11	90.81	9.46	25.29	13.27	11.53	0	95.8
20070706:0756	485.79	283.02	200.26	11.67	34.36	14.04	12	0	144.5
20070706:0856	575.15	279.99	289.86	13.33	43.17	14.81	12.48	0	171.1
20070706:0956	447.4	97.07	351.27	11.44	51.08	15.58	12.95	0	133.1
20070706:1056	312.69	14.53	305.55	8.75	57.13	15.95	12.42	0	93.0
20070706:1156	724.74	340.52	385.47	16.81	59.93	16.31	11.88	0	215.6
20070706:1256	350.18	25.48	332.22	9.72	58.53	16.68	11.35	0	104.2
20070706:1356	426.04	78.03	353.68	11.4	53.44	17.03	11.14	0	126.7
20070706:1456	244.67	7.93	248.75	7.1	46.02	17.38	10.94	0	72.8
20070706:1556	468.93	374.21	105.22	14.29	37.44	17.73	10.73	0	139.5
20070706:1656	228.55	87.92	164.98	8.68	28.41	17.4	10.06	0	68.0
20070706:1756	89.2	7.6	101.8	5.57	19.4	17.06	9.39	0	26.5
20070706:1856	17.29	0	29.98	0.9	10.76	16.73	8.72	0	5.1

20070706:1956	23.43	0	36.95	1.11	2.84	15.9	8.02	0	7.0
20070706:2056	0	0	0	0	0	15.06	7.33	0	0.0
20070706:2156	0	0	0	0	0	14.22	6.63	0	0.0
20070706:2256	0	0	0	0	0	13.84	6.52	0	0.0
20070706:2356	0	0	0	0	0	13.45	6.4	0	0.0
20070707:0056	0	0	0	0	0	13.07	6.29	0	0.0
20070707:0156	0	0	0	0	0	12.7	6.08	0	0.0
20070707:0256	0	0	0	0	0	12.34	5.87	0	0.0
20070707:0356	4.5	0	13.29	0.4	0.24	11.98	5.66	0	1.3
20070707:0456	37.08	0	51.18	1.54	7.84	12.33	6.11	0	11.0
20070707:0556	90.78	75.32	57.52	5.67	16.27	12.68	6.57	0	27.0
20070707:0656	255.74	102.06	167.52	7.39	25.19	13.03	7.02	0	76.1
20070707:0756	410.48	176.73	236.9	10.27	34.26	13.74	7.2	0	122.1
20070707:0856	669.65	443.63	226.91	15.08	43.06	14.46	7.37	0	199.2
20070707:0956	755.61	471.6	290.82	16.84	50.98	15.17	7.54	0	224.8
20070707:1056	949.12	795.62	176.13	20.72	57.02	15.78	7.39	0	240.0
20070707:1156	978.78	853.03	155.33	21.72	59.83	16.4	7.24	0	240.0
20070707:1256	800.74	501.5	318.32	18.65	58.44	17.01	7.09	0	238.2
20070707:1356	833.76	713.97	139.91	19.99	53.36	17.5	6.82	0	240.0
20070707:1456	675.14	562.59	125.68	17.59	45.96	17.99	6.55	0	200.9
20070707:1556	467.8	379.45	105.77	14.44	37.39	18.49	6.28	0	139.2
20070707:1656	229.37	189.04	79.89	10.86	28.36	18.1	5.94	0	68.2
20070707:1756	40.41	17.09	48.06	7.03	19.34	17.71	5.6	0	12.0
20070707:1856	30.5	0	45.06	1.36	10.7	17.32	5.27	0	9.1
20070707:1956	12.56	0	24.23	0.73	2.77	16.08	4.49	0	3.7
20070707:2056	0	0	0	0	0	14.83	3.71	0	0.0
20070707:2156	0	0	0	0	0	13.58	2.94	0	0.0
20070707:2256	0	0	0	0	0	12.77	2.87	0	0.0
20070707:2356	0	0	0	0	0	11.96	2.81	0	0.0
20070708:0056	0	0	0	0	0	11.16	2.74	0	0.0
20070708:0156	0	0	0	0	0	10.59	2.57	0	0.0
20070708:0256	0	0	0	0	0	10.02	2.4	0	0.0
20070708:0356	5.43	0	14.51	0.44	0.12	9.45	2.22	0	1.6
20070708:0456	43.71	0	57.66	1.74	7.73	10.07	2.46	0	13.0
20070708:0556	91.12	75.46	57.46	5.69	16.16	10.69	2.69	0	27.1
20070708:0656	320.28	250.38	91.02	9.48	25.08	11.31	2.92	0	95.3
20070708:0756	547.12	441.19	116.91	13.23	34.16	12.95	2.83	0	162.8
20070708:0856	726.22	616.66	135.28	16.6	42.95	14.58	2.74	0	216.1
20070708:0956	622.52	299.53	348.64	14.97	50.86	16.22	2.65	0	185.2
20070708:1056	708.34	372.99	369.69	16.85	56.91	16.76	3.04	0	210.7
20070708:1156	947.5	861.54	153.31	21.82	59.72	17.3	3.43	0	240.0
20070708:1256	911.35	819.1	149.19	21.46	58.34	17.84	3.82	0	240.0
20070708:1356	613.03	289.78	347.01	15.54	53.28	17.99	3.84	0	182.4
20070708:1456	450.97	148.78	318.69	12.28	45.9	18.15	3.86	0	134.2
20070708:1556	462.05	378.01	105.66	14.36	37.33	18.31	3.88	0	137.5
20070708:1656	226.43	186.71	79.69	10.71	28.3	17.63	3.51	0	67.4
20070708:1756	95.12	6.48	108.68	5.31	19.28	16.95	3.14	0	28.3
20070708:1856	37.45	0	52.43	1.58	10.64	16.27	2.77	0	11.1
20070708:1956	15.13	0	27.27	0.82	2.7	15.01	2.46	0	4.5
20070708:2056	0	0	0	0	0	13.74	2.15	0	0.0
20070708:2156	0	0	0	0	0	12.48	1.83	0	0.0
20070708:2256	0	0	0	0	0	11.91	1.9	0	0.0
20070708:2356	0	0	0	0	0	11.33	1.97	0	0.0
20070709:0056	0	0	0	0	0	10.76	2.04	0	0.0
20070709:0156	0	0	0	0	0	10.5	2.17	0	0.0
20070709:0256	0	0	0	0	0	10.25	2.3	0	0.0
20070709:0356	8.84	0	19.08	0.57	0.01	9.99	2.43	0	2.6
20070709:0456	60.27	0	74.47	2.24	7.61	10.43	2.72	0	17.9
20070709:0556	102.09	24.91	100.1	4.16	16.05	10.86	3.01	0	30.4
20070709:0656	309.79	222.68	106.51	9.08	24.97	11.29	3.3	0	92.2
20070709:0756	546.11	437.5	116.51	13.12	34.04	12.3	3.14	0	162.5
20070709:0856	438.07	136.13	309.66	11.08	42.84	13.31	2.99	0	130.3
20070709:0956	248.42	5.33	255.07	7.19	50.75	14.32	2.84	0	73.9
20070709:1056	859.91	659.74	250.5	19.55	56.79	15.03	2.71	0	240.0
20070709:1156	664.26	298.27	395.61	16.25	59.6	15.74	2.57	0	197.6
20070709:1256	485.78	115.44	389.37	12.92	58.24	16.46	2.44	0	144.5
20070709:1356	709.01	462.46	280.1	17.56	53.2	16.38	2.63	0	210.9
20070709:1456	398.73	94.55	318.28	11.01	45.82	16.3	2.83	0	118.6
20070709:1556	249.05	23.49	239.83	7.35	37.26	16.22	3.02	0	74.1
20070709:1656	132.81	1.89	146.88	4.17	28.24	15.9	3.11	0	39.5
20070709:1756	105.06	2.58	119.76	4.24	19.22	15.59	3.2	0	31.3
20070709:1856	37.27	0	52.03	1.57	10.57	15.27	3.3	0	11.1
20070709:1956	21.98	0	35.13	1.06	2.62	14.19	2.83	0	6.5
20070709:2056	0	0	0	0	0	13.1	2.37	0	0.0
20070709:2156	0	0	0	0	0	12.01	1.9	0	0.0
20070709:2256	0	0	0	0	0	11.62	2.04	0	0.0
20070709:2356	0	0	0	0	0	11.23	2.17	0	0.0
20070710:0056	0	0	0	0	0	10.85	2.3	0	0.0
20070710:0156	0	0	0	0	0	10.39	2.1	0	0.0
20070710:0256	0	0	0	0	0	9.93	1.9	0	0.0
20070710:0356	0	0	0	0	0	9.47	1.7	0	0.0
20070710:0456	66.24	0	80.35	2.42	7.49	10	1.74	0	19.7
20070710:0556	89	73.68	56.97	5.58	15.93	10.53	1.78	0	26.5
20070710:0656	316.09	248	90.7	9.36	24.86	11.06	1.82	0	94.0
20070710:0756	380.81	148.31	242.61	9.79	33.93	12.35	1.57	0	113.3
20070710:0856	637	428.43	235.57	14.9	42.72	13.65	1.32	0	189.5
20070710:0956	712.63	462.44	296.74	16.74	50.62	14.94	1.08	0	212.0
20070710:1056	442.95	88.05	375.17	11.92	56.66	15.76	1.21	0	131.8
20070710:1156	460.11	93.62	389.25	12.44	59.48	16.58	1.34	0	136.9
20070710:1256	539.45	172.74	396.83	14.17	58.13	17.41	1.48	0	160.5
20070710:1356	559.71	230.04	359.3	14.59	53.1	17.66	1.82	0	166.5
20070710:1456	481.48	194.98	308.85	13.07	45.75	17.92	2.16	0	143.2
20070710:1556	401.64	207.65	215.53	12.08	37.19	18.18	2.5	0	119.5
20070710:1656	227.17	104.04	153.33	9.03	28.17	17.92	2.41	0	67.6
20070710:1756	132.67	6.46	146.52	6.46	19.14	17.66	2.32	0	39.5
20070710:1856	42.79	0	58.39	1.76	10.49	17.4	2.23	0	12.7
20070710:1956	24	0	37.76	1.14	2.54	16.62	2.49	0	7.1
20070710:2056	0	0	0	0	0	15.84	2.74	0	0.0
20070710:2156	0	0	0	0	0	15.06	2.99	0	0.0
20070710:2256	0	0	0	0	0	14.46	3.52	0	0.0
20070710:2356	0	0	0	0	0	13.86	4.04	0	0.0
20070711:0056	0	0	0	0	0	13.27	4.57	0	0.0
20070711:0156	0	0	0	0	0	12.88	4.56	0	0.0
20070711:0256	0	0	0	0	0	12.48	4.56	0	0.0
20070711:0356	0	0	0	0	0	12.09	4.55	0	0.0
20070711:0456	39.67	0	53.93	1.62	7.37	12.45	5.12	0	11.8
20070711:0556	75.11	3.02	88.1	2.62	15.81	12.81	5.69	0	22.3

20070711:0656	129.73	5.36	138.23	3.99	24.74	13.16	6.26	0	38.6
20070711:0756	149.01	1.34	160.92	4.5	33.81	13.83	6.23	0	44.3
20070711:0856	150.1	0	163.79	4.55	42.6	14.5	6.2	0	44.7
20070711:0956	133.92	0	148.57	4.13	50.5	15.17	6.17	0	39.8
20070711:1056	173.57	0	187.39	5.21	56.53	15.68	6.21	0	51.6
20070711:1156	197.75	0	211.3	5.88	59.35	16.19	6.25	0	58.8
20070711:1256	209.83	0.11	223.42	6.21	58.01	16.71	6.29	0	62.4
20070711:1356	172.93	0	187.96	5.23	53.01	17.11	6.09	0	51.4
20070711:1456	143.98	0	159.98	4.45	45.66	17.51	5.89	0	42.8
20070711:1556	161.24	1.21	176.04	4.93	37.11	17.92	5.68	0	48.0
20070711:1656	104.34	0.14	120.89	3.37	28.09	17.59	5.49	0	31.0
20070711:1756	102.82	2.02	118.39	3.99	19.07	17.26	5.3	0	30.6
20070711:1856	29.38	0	43.76	1.32	10.41	16.93	5.1	0	8.7
20070711:1956	13.33	0	25.2	0.76	2.45	16.29	4.8	0	4.0
20070711:2056	0	0	0	0	0	15.65	4.51	0	0.0
20070711:2156	0	0	0	0	0	15.01	4.21	0	0.0
20070711:2256	0	0	0	0	0	14.88	4.06	0	0.0
20070711:2356	0	0	0	0	0	14.75	3.91	0	0.0
20070712:0056	0	0	0	0	0	14.63	3.77	0	0.0
20070712:0156	0	0	0	0	0	14.13	3.76	0	0.0
20070712:0256	0	0	0	0	0	13.64	3.75	0	0.0
20070712:0356	0	0	0	0	0	13.14	3.74	0	0.0
20070712:0456	54.54	0	69.49	2.09	7.24	13.44	4.12	0	16.2
20070712:0556	56.91	0.6	71.75	2.03	15.69	13.74	4.5	0	16.9
20070712:0656	150.03	13.79	150.69	4.55	24.62	14.04	4.88	0	44.6
20070712:0756	195.69	12.38	195.72	5.7	33.69	14.69	5.3	0	58.2
20070712:0856	143.45	0	158	4.39	42.47	15.33	5.72	0	42.7
20070712:0956	235.57	4.38	243.41	6.85	50.37	15.98	6.14	0	70.1
20070712:1056	625.7	259.62	378.26	14.96	56.39	16.46	6.07	0	186.1
20070712:1156	346.06	26.63	330.7	9.67	59.21	16.93	6.01	0	103.0
20070712:1256	326.18	20.81	317.68	9.22	57.89	17.41	5.94	0	97.0
20070712:1356	404.85	73.81	344.18	11.03	52.9	18.46	6.06	0	120.4
20070712:1456	240.97	9.47	247.5	7.1	45.57	19.52	6.17	0	71.7
20070712:1556	450.93	367.61	104.76	13.88	37.03	20.58	6.29	0	134.2
20070712:1656	208.36	53.71	178.7	7.41	28.01	20.04	6.01	0	62.0
20070712:1756	39.67	16.35	48.15	6.56	18.98	19.51	5.73	0	11.8
20070712:1856	27.94	0	42.5	1.28	10.32	18.97	5.45	0	8.3
20070712:1956	19.13	0	32.33	0.97	2.35	18.17	5.2	0	5.7
20070712:2056	0	0	0	0	0	17.36	4.95	0	0.0
20070712:2156	0	0	0	0	0	16.56	4.7	0	0.0
20070712:2256	0	0	0	0	0	16.18	4.65	0	0.0
20070712:2356	0	0	0	0	0	15.8	4.59	0	0.0
20070713:0056	0	0	0	0	0	15.42	4.54	0	0.0
20070713:0156	0	0	0	0	0	15.25	4.14	0	0.0
20070713:0256	0	0	0	0	0	15.08	3.75	0	0.0
20070713:0356	0	0	0	0	0	14.91	3.35	0	0.0
20070713:0456	28.88	0	42.91	1.29	7.11	14.93	3.3	0	8.6
20070713:0556	1.07	0	7.81	0.22	15.56	14.95	3.25	0	0.3
20070713:0656	57.15	0	72.77	2.02	24.49	14.96	3.2	0	17.0
20070713:0756	58.59	0	74.31	2.07	33.56	15.26	3.67	0	17.4
20070713:0856	60.37	0	76.19	2.12	42.35	15.55	4.15	0	18.0
20070713:0956	166.35	0	180.9	5.03	50.23	15.85	4.62	0	49.5
20070713:1056	141.5	0	157.13	4.37	56.25	16.74	5.31	0	42.1
20070713:1156	249.15	2.81	260.24	7.29	59.07	17.63	6	0	74.1
20070713:1256	149.83	0	166.3	4.62	57.76	18.52	6.69	0	44.6
20070713:1356	184.53	0.05	200.47	5.58	52.79	18.73	6.82	0	54.9
20070713:1456	112.09	0	129.27	3.59	45.47	18.94	6.96	0	33.3
20070713:1556	98.03	0	115.37	3.21	36.94	19.16	7.09	0	29.2
20070713:1656	211.82	64.81	171.06	7.69	27.92	18.9	6.76	0	63.0
20070713:1756	81.22	0.43	98.1	2.87	18.89	18.65	6.43	0	24.2
20070713:1856	10.05	0	21.23	0.64	10.22	18.39	6.1	0	3.0
20070713:1956	9.02	0	19.85	0.6	2.25	17.98	6.07	0	2.7
20070713:2056	0	0	0	0	0	17.56	6.04	0	0.0
20070713:2156	0	0	0	0	0	17.14	6.01	0	0.0
20070713:2256	0	0	0	0	0	16.98	6.31	0	0.0
20070713:2356	0	0	0	0	0	16.82	6.6	0	0.0
20070714:0056	0	0	0	0	0	16.67	6.9	0	0.0
20070714:0156	0	0	0	0	0	16.46	6.83	0	0.0
20070714:0256	0	0	0	0	0	16.25	6.77	0	0.0
20070714:0356	0	0	0	0	0	16.04	6.7	0	0.0
20070714:0456	51.25	0	66.69	2.01	6.98	15.83	6.83	0	15.2
20070714:0556	91.1	16.1	96.93	3.58	15.43	15.62	6.95	0	27.1
20070714:0656	278.04	164.67	133.47	8.09	24.36	15.4	7.08	0	82.7
20070714:0756	359.69	129.99	237.5	9.23	33.43	15.65	7.14	0	107.0
20070714:0856	431.7	134.87	302.7	10.82	42.21	15.91	7.2	0	128.4
20070714:0956	675.36	361	322.86	15.36	50.09	16.16	7.26	0	200.9
20070714:1056	580.44	202.33	387.38	14.16	56.1	16.99	7.48	0	172.7
20070714:1156	969.59	849.52	152.92	21.34	58.92	17.81	7.71	0	240.0
20070714:1256	666.05	303.89	377.7	16.07	57.62	18.64	7.93	0	198.1
20070714:1356	790.2	621.54	190.48	18.81	52.67	19.27	7.59	0	235.1
20070714:1456	592.78	376.77	231.89	15.35	45.37	19.91	7.24	0	176.4
20070714:1556	389.23	185.03	222.69	11.52	36.84	20.55	6.9	0	115.8
20070714:1656	223.71	98.75	154.7	8.75	27.83	20.08	6.14	0	66.6
20070714:1756	98.59	3.89	114.45	4.52	18.8	19.62	5.38	0	29.3
20070714:1856	24.1	0	38.21	1.15	10.12	19.15	4.62	0	7.2
20070714:1956	17.7	0	30.63	0.92	2.14	17.91	3.74	0	5.3
20070714:2056	0	0	0	0	0	16.66	2.86	0	0.0
20070714:2156	0	0	0	0	0	15.41	1.99	0	0.0
20070714:2256	0	0	0	0	0	14.98	1.83	0	0.0
20070714:2356	0	0	0	0	0	14.55	1.67	0	0.0
20070715:0056	0	0	0	0	0	14.13	1.52	0	0.0
20070715:0156	0	0	0	0	0	13.74	1.32	0	0.0
20070715:0256	0	0	0	0	0	13.35	1.13	0	0.0
20070715:0356	0	0	0	0	0	12.96	0.94	0	0.0
20070715:0456	28.63	0	42.38	1.28	6.84	13.14	1.38	0	8.5
20070715:0556	0.98	0	7.59	0.21	15.29	13.32	1.83	0	0.3
20070715:0656	125.99	6.35	134.62	3.91	24.23	13.49	2.28	0	37.5
20070715:0756	201.88	16.35	198.16	5.84	33.3	14.01	2.85	0	60.1
20070715:0856	79.67	0	95.32	2.65	42.07	14.52	3.43	0	23.7
20070715:0956	74	0	89.79	2.5	49.95	15.03	4	0	22.0
20070715:1056	111.39	0	126.9	3.53	55.95	15.32	4.46	0	33.1
20070715:1156	219.28	0.4	231.74	6.45	58.76	15.6	4.92	0	65.2
20070715:1256	233.75	1.45	244.87	6.84	57.48	15.89	5.38	0	69.5
20070715:1356	386.25	63.04	334.76	10.55	52.54	16.87	4.94	0	114.9
20070715:1456	44.22	0	60.05	1.67	45.26	17.85	4.5	0	13.2
20070715:1556	115.32	0	132.78	3.69	36.74	18.84	4.06	0	34.3
20070715:1656	25.92	0	40.4	1.12	27.73	19.31	3.65	0	7.7

20070715:1756	2.14	0	9.87	0.27	18.7	19.78	3.24	0	0.6
20070715:1856	39.18	0	55.15	1.66	10.01	20.25	2.83	0	11.7
20070715:1956	8.51	0	19.29	0.58	2.02	19.41	2.56	0	2.5
20070715:2056	0	0	0	0	0	18.57	2.29	0	0.0
20070715:2156	0	0	0	0	0	17.73	2.03	0	0.0
20070715:2256	0	0	0	0	0	17.7	2.2	0	0.0
20070715:2356	0	0	0	0	0	17.67	2.37	0	0.0
20070716:0056	0	0	0	0	0	17.64	2.54	0	0.0
20070716:0156	0	0	0	0	0	17.42	2.98	0	0.0
20070716:0256	0	0	0	0	0	17.2	3.43	0	0.0
20070716:0356	0	0	0	0	0	16.98	3.88	0	0.0
20070716:0456	44.34	0	59.85	1.8	6.69	16.87	3.74	0	13.2
20070716:0556	84.25	12.99	92.84	3.29	15.15	16.75	3.6	0	25.1
20070716:0656	4.91	0	14.12	0.39	24.09	16.63	3.46	0	1.5
20070716:0756	10.49	0	21.76	0.61	33.16	17.15	3.91	0	3.1
20070716:0856	287.92	35.87	265.95	8.04	41.93	17.66	4.35	0	85.7
20070716:0956	706.59	448.1	284.73	16.03	49.8	18.18	4.8	0	210.2
20070716:1056	623.62	267.84	377.92	15.03	55.79	18.61	5.11	0	185.5
20070716:1156	538.76	162.75	394.62	13.73	58.6	19.04	5.42	0	160.3
20070716:1256	833.84	619.67	252.97	19.29	57.33	19.47	5.72	0	240.0
20070716:1356	402.7	75.64	344.31	11.05	52.41	20.17	5.45	0	119.8
20070716:1456	367.96	79.23	306.96	10.31	45.14	20.88	5.18	0	109.5
20070716:1556	424.9	289.12	160.51	12.87	36.63	21.59	4.91	0	126.4
20070716:1656	67.24	0	84.84	2.36	27.62	20.49	4.74	0	20.0
20070716:1756	2.2	0	9.96	0.28	18.59	19.4	4.58	0	0.7
20070716:1856	61.93	0	78.48	2.36	9.9	18.3	4.41	0	18.4
20070716:1956	14.75	0	27.03	0.81	1.9	17.25	4.29	0	4.4
20070716:2056	0	0	0	0	0	16.2	4.17	0	0.0
20070716:2156	0	0	0	0	0	15.15	4.04	0	0.0
20070716:2256	0	0	0	0	0	14.68	4.11	0	0.0
20070716:2356	0	0	0	0	0	14.21	4.19	0	0.0
20070717:0056	0	0	0	0	0	13.74	4.26	0	0.0
20070717:0156	0	0	0	0	0	13.57	4.48	0	0.0
20070717:0256	0	0	0	0	0	13.4	4.69	0	0.0
20070717:0356	0	0	0	0	0	13.23	4.91	0	0.0
20070717:0456	54.05	0	68.96	2.08	6.54	13.52	5.57	0	16.1
20070717:0556	90.55	37.04	83.03	4.33	15.01	13.8	6.23	0	26.9
20070717:0656	221.15	71.85	164.34	6.41	23.95	14.08	6.88	0	65.8
20070717:0756	499.12	340.16	163.39	11.79	33.02	14.59	6.7	0	148.5
20070717:0856	615.18	369.04	250.6	13.89	41.79	15.09	6.52	0	183.0
20070717:0956	690.81	387.01	313.83	15.55	49.64	15.6	6.34	0	205.5
20070717:1056	750.24	423.49	341.59	16.9	55.62	16.23	6.73	0	223.2
20070717:1156	830.64	539.17	312.55	18.57	58.44	16.85	7.11	0	240.0
20070717:1256	580.3	203.91	386.88	14.4	57.18	17.48	7.49	0	172.6
20070717:1356	571.91	230.98	349.98	14.26	52.28	17.63	7.93	0	170.1
20070717:1456	307.99	34.44	284.88	8.69	45.02	17.79	8.37	0	91.6
20070717:1556	297.89	60.87	249.52	8.65	36.52	17.95	8.81	0	88.6
20070717:1656	227.42	141.02	118.17	9.52	27.51	17.56	8.34	0	67.7
20070717:1756	50.86	13.9	60.43	6.21	18.47	17.16	7.86	0	15.1
20070717:1856	74.93	0	91	2.74	9.78	16.77	7.38	0	22.3
20070717:1956	18.03	0	30.79	0.93	1.77	16.08	6.72	0	5.4
20070717:2056	0	0	0	0	0	15.38	6.06	0	0.0
20070717:2156	0	0	0	0	0	14.69	5.41	0	0.0
20070717:2256	0	0	0	0	0	14.27	5.15	0	0.0
20070717:2356	0	0	0	0	0	13.85	4.89	0	0.0
20070718:0056	0	0	0	0	0	13.44	4.63	0	0.0
20070718:0156	0	0	0	0	0	13.41	4.54	0	0.0
20070718:0256	0	0	0	0	0	13.39	4.44	0	0.0
20070718:0356	0	0	0	0	0	13.37	4.34	0	0.0
20070718:0456	49.62	0	64.51	1.94	6.39	13.66	4.8	0	14.8
20070718:0556	46.31	0.17	61.18	1.71	14.86	13.94	5.26	0	13.8
20070718:0656	139.3	10.72	143.21	4.26	23.81	14.22	5.72	0	41.4
20070718:0756	119.77	0.11	134.63	3.75	32.88	14.96	5.73	0	35.6
20070718:0856	224.82	8.85	228.25	6.51	41.64	15.7	5.73	0	66.9
20070718:0956	275.06	13.5	273.42	7.84	49.48	16.44	5.74	0	81.8
20070718:1056	480.71	116.57	375.75	12.37	55.46	17.11	5.67	0	143.0
20070718:1156	493.15	118.26	388.63	12.79	58.27	17.78	5.61	0	146.7
20070718:1256	253.49	3.49	265.06	7.44	57.01	18.46	5.54	0	75.4
20070718:1356	174.66	0	191.34	5.32	52.13	18.93	5.37	0	52.0
20070718:1456	393.09	96.19	312.65	10.82	44.89	19.4	5.2	0	116.9
20070718:1556	396.13	200.26	215.62	11.68	36.4	19.88	5.02	0	117.8
20070718:1656	224.97	186.58	79.79	10.38	27.39	19.61	4.58	0	66.9
20070718:1756	38.86	16.28	47.36	6.55	18.36	19.33	4.14	0	11.6
20070718:1856	68.63	0	85.66	2.58	9.66	19.06	3.7	0	20.4
20070718:1956	15.95	0	28.48	0.86	1.64	17.34	3.37	0	4.7
20070718:2056	0	0	0	0	0	15.62	3.05	0	0.0
20070718:2156	0	0	0	0	0	13.9	2.73	0	0.0
20070718:2256	0	0	0	0	0	13.1	2.59	0	0.0
20070718:2356	0	0	0	0	0	12.29	2.46	0	0.0
20070719:0056	0	0	0	0	0	11.49	2.32	0	0.0
20070719:0156	0	0	0	0	0	11.29	2.29	0	0.0
20070719:0256	0	0	0	0	0	11.09	2.27	0	0.0
20070719:0356	0	0	0	0	0	10.89	2.25	0	0.0
20070719:0456	48.5	0	62.93	1.89	6.24	11.54	2.15	0	14.4
20070719:0556	74.95	5.42	86.61	2.7	14.72	12.19	2.06	0	22.3
20070719:0656	297.86	234.55	88.67	8.7	23.66	12.83	1.96	0	88.6
20070719:0756	389.36	179.88	223.73	9.81	32.73	14.73	1.76	0	115.8
20070719:0856	641.36	475.13	201.29	14.77	41.49	16.63	1.56	0	190.8
20070719:0956	579.77	278.08	339.25	14.15	49.32	18.53	1.37	0	172.5
20070719:1056	308.22	20.03	308.11	8.91	55.28	18.67	1.38	0	91.7
20070719:1156	503.29	142.97	391.5	13.28	58.09	18.8	1.39	0	149.7
20070719:1256	352.29	36.35	337.72	10.04	56.85	18.94	1.41	0	104.8
20070719:1356	167.37	0	185.73	5.16	51.98	19.14	1.65	0	49.8
20070719:1456	581.31	398	217.7	15.35	44.75	19.34	1.89	0	172.9
20070719:1556	332.3	108.3	245.62	9.85	36.27	19.55	2.14	0	98.9
20070719:1656	139.08	4.62	153.06	4.46	27.27	19.05	2.2	0	41.4
20070719:1756	89.09	5.23	104.15	4.7	18.23	18.55	2.26	0	26.5
20070719:1856	25.39	0	39.55	1.19	9.53	18.05	2.32	0	7.6
20070719:1956	0.28	0	6.2	0.19	1.5	16.88	2.33	0	0.1
20070719:2056	0	0	0	0	0	15.71	2.34	0	0.0
20070719:2156	0	0	0	0	0	14.54	2.34	0	0.0
20070719:2256	0	0	0	0	0	14.25	2.69	0	0.0
20070719:2356	0	0	0	0	0	13.95	3.03	0	0.0
20070720:0056	0	0	0	0	0	13.66	3.37	0	0.0
20070720:0156	0	0	0	0	0	13.66	3.64	0	0.0
20070720:0256	0	0	0	0	0	13.66	3.92	0	0.0
20070720:0356	0	0	0	0	0	13.66	4.19	0	0.0

20070720:0456	9.87	0	20.66	0.62	6.08	13.79	4.89	0	2.9
20070720:0556	36.65	0	51.15	1.42	14.56	13.92	5.58	0	10.9
20070720:0656	72.2	0	87.51	2.43	23.51	14.04	6.28	0	21.5
20070720:0756	49.83	0	65.01	1.81	32.58	14.52	7.24	0	14.8
20070720:0856	49.34	0	64.61	1.8	41.33	15.01	8.2	0	14.7
20070720:0956	22.27	0	35.66	0.99	49.16	15.49	9.16	0	6.6
20070720:1056	71.71	0	87.42	2.43	55.1	15.49	9.48	0	21.3
20070720:1156	49.12	0	64.48	1.79	57.9	15.49	9.79	0	14.6
20070720:1256	27.58	0	41.58	1.16	56.67	15.5	10.11	0	8.2
20070720:1356	24.08	0	37.59	1.05	51.82	14.76	9.49	0	7.2
20070720:1456	19.02	0	31.76	0.88	44.61	14.03	8.87	0	5.7
20070720:1556	176.62	3.36	184.66	5.23	36.14	13.3	8.25	0	52.5
20070720:1656	32.07	0	46.15	1.28	27.14	13.38	6.67	0	9.5
20070720:1756	74.96	0.23	90.01	2.58	18.1	13.46	5.09	0	22.3
20070720:1856	15.7	0	27.8	0.84	9.39	13.54	3.52	0	4.7
20070720:1956	1.67	0	8.83	0.27	1.35	13.21	2.63	0	0.5
20070720:2056	0	0	0	0	0	12.87	1.73	0	0.0
20070720:2156	0	0	0	0	0	12.54	0.84	0	0.0
20070720:2256	0	0	0	0	0	12.45	1.43	0	0.0
20070720:2356	0	0	0	0	0	12.35	2.02	0	0.0
20070721:0056	0	0	0	0	0	12.26	2.61	0	0.0
20070721:0156	0	0	0	0	0	12.25	2.49	0	0.0
20070721:0256	0	0	0	0	0	12.24	2.37	0	0.0
20070721:0356	0	0	0	0	0	12.23	2.25	0	0.0
20070721:0456	12.46	0	23.78	0.72	5.92	12.32	2.62	0	3.7
20070721:0556	17.3	0	29.61	0.82	14.41	12.4	2.98	0	5.1
20070721:0656	4.77	0	13.73	0.38	23.36	12.48	3.35	0	1.4
20070721:0756	75.93	0	90.93	2.53	32.42	12.84	3.76	0	22.6
20070721:0856	16.78	0	29.08	0.81	41.17	13.19	4.16	0	5.0
20070721:0956	69.56	0	84.79	2.36	48.99	13.55	4.57	0	20.7
20070721:1056	143.73	0	157.57	4.38	54.92	13.89	4.4	0	42.8
20070721:1156	259.29	3.51	266.44	7.47	57.71	14.23	4.23	0	77.1
20070721:1256	221.61	0.57	233.2	6.5	56.49	14.58	4.06	0	65.9
20070721:1356	321.43	26.03	305.57	9	51.66	14.61	3.65	0	95.6
20070721:1456	343.34	56.02	297.53	9.5	44.46	14.64	3.24	0	102.1
20070721:1556	304.01	67.77	248.53	8.78	36	14.67	2.83	0	90.4
20070721:1656	128.19	2.21	141.19	4.02	27.01	14.32	2.69	0	38.1
20070721:1756	3.87	0	12.46	0.35	17.96	13.96	2.56	0	1.2
20070721:1856	43.48	0	58.23	1.75	9.25	13.61	2.43	0	12.9
20070721:1956	7.89	0	18.03	0.54	1.2	12.85	1.99	0	2.3
20070721:2056	0	0	0	0	0	12.1	1.54	0	0.0
20070721:2156	0	0	0	0	0	11.34	1.1	0	0.0
20070721:2256	0	0	0	0	0	11.12	1.1	0	0.0
20070721:2356	0	0	0	0	0	10.9	1.1	0	0.0
20070722:0056	0	0	0	0	0	10.69	1.1	0	0.0
20070722:0156	0	0	0	0	0	10.65	1.5	0	0.0
20070722:0256	0	0	0	0	0	10.62	1.9	0	0.0
20070722:0356	0	0	0	0	0	10.59	2.3	0	0.0
20070722:0456	42.32	0	56.36	1.7	5.75	10.68	2.58	0	12.6
20070722:0556	86.94	24.72	86.33	3.73	14.25	10.76	2.86	0	25.9
20070722:0656	201.84	53.85	161.17	5.82	23.2	10.84	3.13	0	60.0
20070722:0756	529.25	411.07	124.92	12.26	32.27	12.15	3.38	0	157.5
20070722:0856	724.08	603.58	135.28	15.78	41.01	13.46	3.63	0	215.4
20070722:0956	656.21	345.6	326.75	14.97	48.81	14.77	3.88	0	195.2
20070722:1056	707.83	371.69	359.77	16.26	54.73	15.72	4	0	210.6
20070722:1156	616.11	240.35	395.66	15	57.52	16.67	4.13	0	183.3
20070722:1256	728.83	412.81	346.81	17.17	56.3	17.63	4.26	0	216.8
20070722:1356	107.38	0	124.27	3.46	51.49	17.83	4.47	0	31.9
20070722:1456	480.86	196.77	298.78	12.64	44.31	18.03	4.68	0	143.1
20070722:1556	408	228.78	196.36	11.88	35.86	18.23	4.88	0	121.4
20070722:1656	73.96	0	90.76	2.52	26.86	17.81	4.36	0	22.0
20070722:1756	92.74	2.05	108.58	3.75	17.82	17.38	3.84	0	27.6
20070722:1856	60.79	0	76.94	2.32	9.1	16.96	3.32	0	18.1
20070722:1956	11.7	0	23.14	0.7	1.05	15.69	2.96	0	3.5
20070722:2056	0	0	0	0	0	14.43	2.59	0	0.0
20070722:2156	0	0	0	0	0	13.16	2.22	0	0.0
20070722:2256	0	0	0	0	0	12.72	2.11	0	0.0
20070722:2356	0	0	0	0	0	12.27	2.01	0	0.0
20070723:0056	0	0	0	0	0	11.83	1.9	0	0.0
20070723:0156	0	0	0	0	0	11.98	1.89	0	0.0
20070723:0256	0	0	0	0	0	12.14	1.89	0	0.0
20070723:0356	0	0	0	0	0	12.3	1.88	0	0.0
20070723:0456	29.49	0	43.19	1.3	5.58	12.53	2.28	0	8.8
20070723:0556	0.61	0	6.84	0.19	14.08	12.75	2.69	0	0.2
20070723:0656	4.54	0	13.42	0.37	23.04	12.97	3.09	0	1.4
20070723:0756	221.17	26.39	205.97	6.24	32.11	13.57	3.63	0	65.8
20070723:0856	203.21	5.19	210.13	5.94	40.84	14.16	4.17	0	60.5
20070723:0956	271.22	13.75	267.9	7.68	48.63	14.76	4.72	0	80.7
20070723:1056	558.5	191.19	376.87	13.58	54.54	15.18	4.99	0	166.2
20070723:1156	199.85	0	213.1	5.93	57.32	15.6	5.27	0	59.5
20070723:1256	238.79	2.05	249.24	6.97	56.11	16.02	5.54	0	71.0
20070723:1356	350.43	41.56	319	9.66	51.32	16.37	5.8	0	104.3
20070723:1456	103.74	0	119.93	3.33	44.15	16.73	6.06	0	30.9
20070723:1556	171.79	3.36	183.44	5.19	35.71	17.09	6.32	0	51.1
20070723:1656	167.39	14.64	169.43	5.34	26.72	16.7	6.5	0	49.8
20070723:1756	59.38	0.04	75.3	2.11	17.67	16.31	6.68	0	17.7
20070723:1856	56.6	0	72.2	2.17	8.94	15.92	6.86	0	16.8
20070723:1956	10.07	0	21.03	0.63	0.88	15.33	6.75	0	3.0
20070723:2056	0	0	0	0	0	14.74	6.64	0	0.0
20070723:2156	0	0	0	0	0	14.15	6.54	0	0.0
20070723:2256	0	0	0	0	0	13.8	6.48	0	0.0
20070723:2356	0	0	0	0	0	13.44	6.43	0	0.0
20070724:0056	0	0	0	0	0	13.09	6.37	0	0.0
20070724:0156	0	0	0	0	0	12.62	5.89	0	0.0
20070724:0256	0	0	0	0	0	12.16	5.4	0	0.0
20070724:0356	0	0	0	0	0	11.69	4.91	0	0.0
20070724:0456	16.67	0	28.77	0.87	5.41	12.06	5.1	0	5.0
20070724:0556	74.58	61.8	52.95	4.7	13.92	12.43	5.29	0	22.2
20070724:0656	299.25	232.75	88.58	8.47	22.88	12.79	5.48	0	89.0
20070724:0756	534.36	423.88	115.95	12.24	31.94	14.06	5.63	0	159.0
20070724:0856	726.59	601.53	135.35	15.64	40.67	15.33	5.78	0	216.2
20070724:0956	708.72	423.63	301.14	15.69	48.45	16.6	5.93	0	210.8
20070724:1056	945.45	830.31	153.83	20.21	54.34	17.2	6.06	0	240.0
20070724:1156	965.72	854.68	154.77	20.99	57.11	17.8	6.19	0	240.0
20070724:1256	824.55	572.2	282.84	18.69	55.91	18.4	6.32	0	240.0
20070724:1356	826.59	713.42	141.67	19.28	51.13	18.66	6.18	0	240.0
20070724:1456	669.83	560.92	127.03	16.87	43.98	18.92	6.04	0	199.3

20070724:1556	462.94	376.08	106.48	13.69	35.55	19.19	5.9	0	137.7
20070724:1656	224.07	172.85	90.02	9.88	26.57	18.79	5.36	0	66.7
20070724:1756	92.35	1.87	108.62	3.71	17.52	18.4	4.81	0	27.5
20070724:1856	33.19	0	48.14	1.45	8.78	18	4.26	0	9.9
20070724:1956	4.53	0	13.53	0.41	0.71	16.63	3.82	0	1.3
20070724:2056	0	0	0	0	0	15.26	3.37	0	0.0
20070724:2156	0	0	0	0	0	13.89	2.92	0	0.0
20070724:2256	0	0	0	0	0	13.34	3.11	0	0.0
20070724:2356	0	0	0	0	0	12.79	3.3	0	0.0
20070725:0056	0	0	0	0	0	12.24	3.49	0	0.0
20070725:0156	0	0	0	0	0	12.13	3.53	0	0.0
20070725:0256	0	0	0	0	0	12.02	3.56	0	0.0
20070725:0356	0	0	0	0	0	11.91	3.6	0	0.0
20070725:0456	26.61	0	39.99	1.2	5.24	12.25	4.17	0	7.9
20070725:0556	50.76	0.97	64.97	1.86	13.75	12.59	4.75	0	15.1
20070725:0656	107.26	3.67	118.11	3.38	22.72	12.93	5.32	0	31.9
20070725:0756	211.76	29.28	193.23	5.94	31.78	13.86	6.01	0	63.0
20070725:0856	321.08	58.05	270.15	8.5	40.5	14.78	6.69	0	95.5
20070725:0956	155.07	0	169.28	4.71	48.27	15.71	7.38	0	46.1
20070725:1056	218.51	1.2	230.29	6.42	54.14	16.71	7.88	0	65.0
20070725:1156	177.52	0	192.48	5.35	56.9	17.72	8.37	0	52.8
20070725:1256	259.76	6.01	267.55	7.55	55.71	18.72	8.87	0	77.3
20070725:1356	167.97	0	184.02	5.12	50.95	18.84	8.79	0	50.0
20070725:1456	144.65	0	161.25	4.48	43.81	18.97	8.71	0	43.0
20070725:1556	159.13	2.2	173.38	4.88	35.39	19.1	8.63	0	47.3
20070725:1656	158.22	11.92	164.02	5.07	26.41	18.67	8.55	0	47.1
20070725:1756	59.35	0.06	75.79	2.13	17.36	18.23	8.47	0	17.7
20070725:1856	51.17	0	67.1	2.02	8.62	17.8	8.39	0	15.2
20070725:1956	7.75	0	18.11	0.55	0.54	17.17	7.87	0	2.3
20070725:2056	0	0	0	0	0	16.53	7.35	0	0.0
20070725:2156	0	0	0	0	0	15.9	6.83	0	0.0
20070725:2256	0	0	0	0	0	15.6	6.79	0	0.0
20070725:2356	0	0	0	0	0	15.3	6.75	0	0.0
20070726:0056	0	0	0	0	0	15.01	6.72	0	0.0
20070726:0156	0	0	0	0	0	14.99	6.73	0	0.0
20070726:0256	0	0	0	0	0	14.97	6.74	0	0.0
20070726:0356	0	0	0	0	0	14.95	6.74	0	0.0
20070726:0456	14.88	0	26.94	0.81	5.06	14.98	6.99	0	4.4
20070726:0556	49.11	0.87	63.88	1.82	13.58	15.01	7.24	0	14.6
20070726:0656	53.68	0	69.09	1.92	22.55	15.03	7.49	0	16.0
20070726:0756	33.09	0	47.59	1.32	31.61	15.43	8.22	0	9.8
20070726:0856	88.64	0	104.4	2.9	40.32	15.82	8.95	0	26.4
20070726:0956	76.54	0	92.51	2.57	48.08	16.22	9.68	0	22.8
20070726:1056	166.69	0	180.51	5.02	53.94	16.1	9.52	0	49.6
20070726:1156	254.19	3.85	260.91	7.32	56.69	15.97	9.35	0	75.6
20070726:1256	109.76	0	125.15	3.48	55.5	15.85	9.19	0	32.7
20070726:1356	111.02	0	126.2	3.51	50.75	15.58	9.82	0	33.0
20070726:1456	25.15	0	38.87	1.08	43.63	15.31	10.45	0	7.5
20070726:1556	171.03	3.35	180.33	5.11	35.22	15.04	11.08	0	50.9
20070726:1656	138.4	4.6	148.23	4.32	26.24	14.84	10.85	0	41.2
20070726:1756	85.32	0.92	100.13	3.13	17.19	14.65	10.62	0	25.4
20070726:1856	31.26	0	45.34	1.36	8.44	14.45	10.39	0	9.3
20070726:1956	3.37	0	11.67	0.35	0.36	14.14	9.41	0	1.0
20070726:2056	0	0	0	0	0	13.82	8.44	0	0.0
20070726:2156	0	0	0	0	0	13.5	7.46	0	0.0
20070726:2256	0	0	0	0	0	13.42	7.48	0	0.0
20070726:2356	0	0	0	0	0	13.33	7.5	0	0.0
20070727:0056	0	0	0	0	0	13.25	7.52	0	0.0
20070727:0156	0	0	0	0	0	13.14	7.4	0	0.0
20070727:0256	0	0	0	0	0	13.04	7.29	0	0.0
20070727:0356	0	0	0	0	0	12.93	7.17	0	0.0
20070727:0456	26.92	0	40.44	1.22	4.88	13.18	7	0	8.0
20070727:0556	71.97	60.01	52.17	4.52	13.41	13.42	6.83	0	21.4
20070727:0656	297.27	231.59	88.48	8.31	22.38	13.66	6.66	0	88.4
20070727:0756	530.45	419.24	115.69	11.98	31.44	14.8	7.1	0	157.8
20070727:0856	726.25	596.97	135.18	15.38	40.14	15.93	7.54	0	216.1
20070727:0956	318.45	32.73	295.96	8.76	47.88	17.07	7.99	0	94.7
20070727:1056	220.55	1.02	233.34	6.51	53.73	17.63	8.06	0	65.6
20070727:1156	217.91	0.48	231.88	6.46	56.46	18.19	8.14	0	64.8
20070727:1256	229.4	1.38	242.76	6.78	55.28	18.75	8.22	0	68.2
20070727:1356	523.41	181.8	353.19	13.2	50.55	18.92	8.22	0	155.7
20070727:1456	593.61	374.51	230.76	14.81	43.45	19.09	8.22	0	176.6
20070727:1556	185.58	6.47	195.26	5.6	35.05	19.26	8.22	0	55.2
20070727:1656	197.99	47.16	172.82	6.81	26.07	18.84	7.59	0	58.9
20070727:1756	87.67	1.84	103.77	3.62	17.02	18.42	6.96	0	26.1
20070727:1856	52.2	0	68.27	2.06	8.27	18	6.33	0	15.5
20070727:1956	6.74	0	16.73	0.5	0.17	17.14	5.54	0	2.0
20070727:2056	0	0	0	0	0	16.28	4.74	0	0.0
20070727:2156	0	0	0	0	0	15.42	3.94	0	0.0
20070727:2256	0	0	0	0	0	15.03	3.71	0	0.0
20070727:2356	0	0	0	0	0	14.64	3.48	0	0.0
20070728:0056	0	0	0	0	0	14.25	3.24	0	0.0
20070728:0156	0	0	0	0	0	13.94	3.78	0	0.0
20070728:0256	0	0	0	0	0	13.62	4.32	0	0.0
20070728:0356	0	0	0	0	0	13.31	4.86	0	0.0
20070728:0456	28.47	0	42.18	1.27	4.69	13.36	5.12	0	8.5
20070728:0556	69.9	57.96	51.5	4.37	13.23	13.41	5.38	0	20.8
20070728:0656	291.3	226.72	87.68	8.12	22.21	13.45	5.64	0	86.7
20070728:0756	531.78	421.57	116.14	11.99	31.26	14.51	6.01	0	158.2
20070728:0856	727.39	600.5	135.8	15.41	39.96	15.57	6.38	0	216.4
20070728:0956	648.39	333.14	326.06	14.55	47.69	16.63	6.74	0	192.9
20070728:1056	769.47	453.75	335.38	16.93	53.51	17.26	6.91	0	228.9
20070728:1156	779.99	452.67	349.87	17.44	56.24	17.88	7.08	0	232.0
20070728:1256	692.3	345.32	365.35	16.18	55.06	18.51	7.24	0	206.0
20070728:1356	704.2	432.89	288.77	16.51	50.35	18.73	7.37	0	209.5
20070728:1456	535.83	272.6	275.45	13.58	43.26	18.96	7.51	0	159.4
20070728:1556	268.02	44.22	238.9	7.82	34.87	19.19	7.64	0	79.7
20070728:1656	205.98	67.54	162.98	7.38	25.9	18.49	6.67	0	61.3
20070728:1756	63.35	0.12	79.82	2.27	16.84	17.8	5.7	0	18.8
20070728:1856	55.45	0	71.43	2.15	8.08	17.1	4.73	0	16.5
20070728:1956	0	0	0	0	0	16.21	4.12	0	0.0
20070728:2056	0	0	0	0	0	15.32	3.51	0	0.0
20070728:2156	0	0	0	0	0	14.43	2.9	0	0.0
20070728:2256	0	0	0	0	0	14.12	2.47	0	0.0
20070728:2356	0	0	0	0	0	13.81	2.05	0	0.0
20070729:0056	0	0	0	0	0	13.5	1.63	0	0.0
20070729:0156	0	0	0	0	0	12.81	2.34	0	0.0

20070729:0256	0	0	0	0	0	12.13	3.04	0	0.0
20070729:0356	0	0	0	0	0	11.45	3.75	0	0.0
20070729:0456	29.97	0	43.52	1.31	4.51	11.52	3.82	0	8.9
20070729:0556	70.37	58.23	51.41	4.36	13.05	11.59	3.89	0	20.9
20070729:0656	194.67	54.57	154.16	5.56	22.03	11.66	3.96	0	57.9
20070729:0756	257.16	47.48	218.03	6.93	31.08	12.72	4.79	0	76.5
20070729:0856	640.79	410.47	234.18	13.85	39.78	13.77	5.61	0	190.6
20070729:0956	880.86	748.43	149.1	18.23	47.49	14.82	6.44	0	240.0
20070729:1056	970.33	844.51	156.21	20.24	53.29	15.43	6.44	0	240.0
20070729:1156	677.68	298.58	391.66	15.73	56	16.05	6.43	0	201.6
20070729:1256	658.59	290.69	381.25	15.56	54.83	16.66	6.43	0	195.9
20070729:1356	387.94	61.39	336	10.47	50.13	16.58	6.32	0	115.4
20070729:1456	411.19	110.58	309.41	10.92	43.06	16.5	6.22	0	122.3
20070729:1556	218.75	15.33	216.73	6.43	34.68	16.42	6.11	0	65.1
20070729:1656	162.25	12.81	165.61	5.14	25.71	15.91	5.78	0	48.3
20070729:1756	48.84	9.57	59.59	5.58	16.66	15.4	5.46	0	14.5
20070729:1856	58.59	0	73.99	2.23	7.89	14.89	5.13	0	17.4
20070729:1956	0	0	0	0	0	13.95	4.57	0	0.0
20070729:2056	0	0	0	0	0	13.02	4	0	0.0
20070729:2156	0	0	0	0	0	12.08	3.43	0	0.0
20070729:2256	0	0	0	0	0	11.65	3.63	0	0.0
20070729:2356	0	0	0	0	0	11.22	3.83	0	0.0
20070730:0056	0	0	0	0	0	10.8	4.03	0	0.0
20070730:0156	0	0	0	0	0	10.57	4.15	0	0.0
20070730:0256	0	0	0	0	0	10.35	4.27	0	0.0
20070730:0356	0	0	0	0	0	10.13	4.39	0	0.0
20070730:0456	32.6	0	46.11	1.39	4.32	10.36	4.65	0	9.7
20070730:0556	71.28	59.17	51.49	4.39	12.87	10.58	4.92	0	21.2
20070730:0656	302.14	233.2	89.02	8.22	21.85	10.8	5.19	0	89.9
20070730:0756	544.99	428.64	117.55	12.06	30.9	12.04	5.43	0	162.1
20070730:0856	424.65	131.62	295.7	10.37	39.59	13.28	5.68	0	126.3
20070730:0956	455.4	117.73	342.57	11.35	47.28	14.52	5.93	0	135.5
20070730:1056	701.18	344.68	369.24	15.78	53.07	15.22	5.83	0	208.6
20070730:1156	709.38	342.11	383.68	16.25	55.77	15.91	5.73	0	211.0
20070730:1256	506.14	133.37	383.73	12.89	54.6	16.61	5.63	0	150.6
20070730:1356	554.23	212.56	353.81	13.73	49.92	16.84	5.48	0	164.9
20070730:1456	600.65	382.02	231.98	14.89	42.86	17.07	5.33	0	178.7
20070730:1556	306.49	75.25	245.08	8.79	34.49	17.31	5.19	0	91.2
20070730:1656	220.1	119.49	131.35	8.64	25.53	16.89	4.5	0	65.5
20070730:1756	35.27	11.01	44.84	5.83	16.47	16.46	3.81	0	10.5
20070730:1856	62.68	0	78.61	2.37	7.7	16.04	3.12	0	18.6
20070730:1956	0	0	0	0	0	14.95	2.76	0	0.0
20070730:2056	0	0	0	0	0	13.85	2.41	0	0.0
20070730:2156	0	0	0	0	0	12.76	2.06	0	0.0
20070730:2256	0	0	0	0	0	12.04	2.03	0	0.0
20070730:2356	0	0	0	0	0	11.32	2	0	0.0
20070731:0056	0	0	0	0	0	10.61	1.97	0	0.0
20070731:0156	0	0	0	0	0	10.03	1.97	0	0.0
20070731:0256	0	0	0	0	0	9.45	1.96	0	0.0
20070731:0356	0	0	0	0	0	8.87	1.96	0	0.0
20070731:0456	10.91	0	21.64	0.65	4.12	9.25	2.17	0	3.2
20070731:0556	68.54	56.1	50.54	4.18	12.68	9.63	2.37	0	20.4
20070731:0656	291.27	225.14	87.46	7.93	21.67	10	2.58	0	86.7
20070731:0756	521.53	416.48	115.75	11.7	30.72	12.07	2.33	0	155.2
20070731:0856	702.85	595.19	135.65	15.12	39.4	14.15	2.07	0	209.1
20070731:0956	825.01	736.95	148.2	17.86	47.08	16.22	1.82	0	240.0
20070731:1056	897.3	823.53	154.45	19.67	52.84	16.99	1.89	0	240.0
20070731:1156	914.97	848.09	155.37	20.45	55.53	17.75	1.95	0	240.0
20070731:1256	877.27	806.76	151.19	20.11	54.36	18.52	2.01	0	240.0
20070731:1356	784.4	703.56	141.81	18.66	49.69	18.92	1.98	0	233.4
20070731:1456	577.97	394.43	217.5	14.77	42.65	19.32	1.94	0	171.9
20070731:1556	442.1	366.48	105.96	13.06	34.29	19.72	1.9	0	131.5
20070731:1656	212.12	176.82	78.58	9.48	25.33	19.52	1.88	0	63.1
20070731:1756	34.2	10.09	44.63	5.64	16.27	19.31	1.86	0	10.2
20070731:1856	23.01	0	36.99	1.11	7.5	19.11	1.83	0	6.8
20070731:1956	0	0	0	0	0	17.23	1.92	0	0.0
20070731:2056	0	0	0	0	0	15.35	2.01	0	0.0
20070731:2156	0	0	0	0	0	13.47	2.1	0	0.0
20070731:2256	0	0	0	0	0	12.86	2.12	0	0.0
20070731:2356	0	0	0	0	0	12.25	2.14	0	0.0
20070801:0056	0	0	0	0	0	11.64	2.17	0	0.0
20070801:0156	0	0	0	0	0	11.26	2.29	0	0.0
20070801:0256	0	0	0	0	0	10.89	2.41	0	0.0
20070801:0356	0	0	0	0	0	10.52	2.54	0	0.0
20070801:0456	19.44	0	31.85	0.96	3.93	10.93	2.85	0	5.8
20070801:0556	67.03	54.25	50.74	4.06	12.5	11.33	3.15	0	19.9
20070801:0656	286.46	220.99	88.1	7.79	21.49	11.74	3.46	0	85.2
20070801:0756	509.65	396.65	124.89	11.44	30.54	14.03	3.2	0	151.6
20070801:0856	679.74	545.33	161.15	14.63	39.2	16.33	2.95	0	202.2
20070801:0956	821.16	730.04	149.84	17.7	46.86	18.62	2.69	0	240.0
20070801:1056	842.03	676.95	232.19	18.47	52.61	19.48	2.86	0	240.0
20070801:1156	717.85	416.46	350.97	16.67	55.28	20.34	3.04	0	213.6
20070801:1256	808.5	622.52	250.5	18.55	54.11	21.2	3.21	0	240.0
20070801:1356	720.18	533.31	235.18	17.12	49.46	21.35	3.33	0	214.3
20070801:1456	540.37	320.98	249.03	13.85	42.44	21.5	3.45	0	160.8
20070801:1556	217.89	21.57	216.35	6.58	34.09	21.64	3.57	0	64.8
20070801:1656	205.44	111.11	129.56	8.19	25.14	21.19	2.86	0	61.1
20070801:1756	73.85	0.6	91.64	2.84	16.07	20.75	2.15	0	22.0
20070801:1856	38.86	0	54.86	1.65	7.29	20.3	1.43	0	11.6
20070801:1956	0	0	0	0	0	19.04	1.59	0	0.0
20070801:2056	0	0	0	0	0	17.79	1.75	0	0.0
20070801:2156	0	0	0	0	0	16.53	1.9	0	0.0
20070801:2256	0	0	0	0	0	15.82	1.96	0	0.0
20070801:2356	0	0	0	0	0	15.12	2.01	0	0.0
20070802:0056	0	0	0	0	0	14.41	2.07	0	0.0
20070802:0156	0	0	0	0	0	13.83	2.21	0	0.0
20070802:0256	0	0	0	0	0	13.26	2.35	0	0.0
20070802:0356	0	0	0	0	0	12.68	2.5	0	0.0
20070802:0456	23.66	0	36.83	1.11	3.73	12.85	2.87	0	7.0
20070802:0556	44.35	0.98	58.54	1.67	12.31	13.02	3.25	0	13.2
20070802:0656	54.03	0.92	68.21	1.92	21.3	13.19	3.63	0	16.1
20070802:0756	62.3	0	77.77	2.16	30.35	14.22	3.44	0	18.5
20070802:0856	125.03	0	140.46	3.91	39	15.26	3.26	0	37.2
20070802:0956	105.9	0	122.21	3.4	46.65	16.29	3.08	0	31.5
20070802:1056	239.24	3.81	249.7	7.01	52.37	16.44	3.24	0	71.2
20070802:1156	716.44	389.97	358.4	16.35	55.03	16.59	3.4	0	213.1
20070802:1256	404.44	68.31	350	10.86	53.86	16.74	3.56	0	120.3

20070802:1356	557.14	235.6	341.09	13.77	49.23	17.33	3.54	0	165.7
20070802:1456	241	13.09	243.47	7.05	42.22	17.92	3.53	0	71.7
20070802:1556	205.08	14.72	207.13	6.14	33.88	18.5	3.52	0	61.0
20070802:1656	198.68	67.99	156.97	7.16	24.93	18.33	3.2	0	59.1
20070802:1756	67.2	4.21	81.76	4.45	15.87	18.16	2.89	0	20.0
20070802:1856	47.77	0	63.78	1.92	7.08	17.99	2.58	0	14.2
20070802:1956	0	0	0	0	0	16.66	2.5	0	0.0
20070802:2056	0	0	0	0	0	15.33	2.42	0	0.0
20070802:2156	0	0	0	0	0	14	2.34	0	0.0
20070802:2256	0	0	0	0	0	13.38	2.22	0	0.0
20070802:2356	0	0	0	0	0	12.77	2.1	0	0.0
20070803:0056	0	0	0	0	0	12.15	1.97	0	0.0
20070803:0156	0	0	0	0	0	11.74	2.03	0	0.0
20070803:0256	0	0	0	0	0	11.34	2.08	0	0.0
20070803:0356	0	0	0	0	0	10.93	2.14	0	0.0
20070803:0456	14.29	0	25.89	0.78	3.53	11.16	2.4	0	4.3
20070803:0556	65.33	53.01	50.04	3.92	12.12	11.4	2.65	0	19.4
20070803:0656	284.65	219.8	88	7.66	21.11	11.63	2.91	0	84.7
20070803:0756	469.67	316.05	165.04	10.62	30.16	13.88	2.91	0	139.7
20070803:0856	629.34	438.24	213.66	13.65	38.8	16.13	2.92	0	187.2
20070803:0956	826.25	731.63	150.41	17.61	46.43	18.38	2.92	0	240.0
20070803:1056	801.84	580.23	274.82	17.52	52.13	19.53	3.55	0	238.5
20070803:1156	899.2	774.63	192.69	19.62	54.77	20.68	4.17	0	240.0
20070803:1256	884.77	795.38	152.69	19.71	53.61	21.83	4.8	0	240.0
20070803:1356	784.5	686.26	142.63	18.12	48.99	22.03	5.2	0	233.4
20070803:1456	562.61	365.6	222.55	14.11	42	22.22	5.59	0	167.4
20070803:1556	399.27	255.89	167.71	11.46	33.67	22.41	5.99	0	118.8
20070803:1656	199.35	101.05	131.86	7.79	24.72	22.01	5.64	0	59.3
20070803:1756	51.32	0.05	68.49	1.93	15.66	21.6	5.3	0	15.3
20070803:1856	29.81	0	44.98	1.35	6.87	21.2	4.95	0	8.9
20070803:1956	0	0	0	0	0	20.27	4.98	0	0.0
20070803:2056	0	0	0	0	0	19.33	5.02	0	0.0
20070803:2156	0	0	0	0	0	18.4	5.05	0	0.0
20070803:2256	0	0	0	0	0	17.75	5.23	0	0.0
20070803:2356	0	0	0	0	0	17.1	5.41	0	0.0
20070804:0056	0	0	0	0	0	16.45	5.59	0	0.0
20070804:0156	0	0	0	0	0	16.12	5.81	0	0.0
20070804:0256	0	0	0	0	0	15.8	6.04	0	0.0
20070804:0356	0	0	0	0	0	15.47	6.26	0	0.0
20070804:0456	14.31	0	26.34	0.79	3.33	15.75	6.61	0	4.3
20070804:0556	62.06	50.97	49.27	3.77	11.92	16.03	6.96	0	18.5
20070804:0656	165.02	40.65	141.59	4.83	20.92	16.31	7.31	0	49.1
20070804:0756	175.34	13.38	176.72	5.15	29.97	17.3	7.46	0	52.2
20070804:0856	271.15	35.94	248.14	7.48	38.6	18.28	7.61	0	80.7
20070804:0956	645.59	355.6	306.04	14.2	46.21	19.27	7.77	0	192.1
20070804:1056	924.72	811.14	156.25	19.2	51.89	20.29	7.42	0	240.0
20070804:1156	852.98	629.64	266.43	18.42	54.51	21.31	7.07	0	240.0
20070804:1256	894.68	794.13	152.94	19.63	53.35	22.33	6.72	0	240.0
20070804:1356	794.98	692.69	143.51	18.21	48.74	22.93	6.69	0	236.5
20070804:1456	638.96	540.47	128.3	15.79	41.77	23.53	6.67	0	190.1
20070804:1556	434.61	357.02	106.73	12.62	33.45	24.12	6.65	0	129.3
20070804:1656	202.12	168.4	78.6	8.99	24.51	23.67	6.08	0	60.1
20070804:1756	32.24	6.94	44.06	5.2	15.44	23.22	5.52	0	9.6
20070804:1856	30.5	0	46.03	1.39	6.64	22.77	4.95	0	9.1
20070804:1956	0	0	0	0	0	21.4	4.46	0	0.0
20070804:2056	0	0	0	0	0	20.02	3.96	0	0.0
20070804:2156	0	0	0	0	0	18.65	3.46	0	0.0
20070804:2256	0	0	0	0	0	17.81	3.46	0	0.0
20070804:2356	0	0	0	0	0	16.97	3.45	0	0.0
20070805:0056	0	0	0	0	0	16.13	3.45	0	0.0
20070805:0156	0	0	0	0	0	15.58	3.48	0	0.0
20070805:0256	0	0	0	0	0	15.04	3.51	0	0.0
20070805:0356	0	0	0	0	0	14.49	3.54	0	0.0
20070805:0456	9.51	0	20.26	0.61	3.12	14.61	3.44	0	2.8
20070805:0556	62.11	51.15	49.09	3.74	11.73	14.73	3.33	0	18.5
20070805:0656	276.92	216.67	87.38	7.47	20.73	14.85	3.23	0	82.4
20070805:0756	507.12	408.83	117.01	11.27	29.77	17.09	3.49	0	150.9
20070805:0856	691.87	587.69	137.57	14.69	38.39	19.34	3.75	0	205.8
20070805:0956	821.55	729.73	150.6	17.44	45.99	21.58	4.01	0	240.0
20070805:1056	901.91	820.39	157.18	19.33	51.64	23.05	4.64	0	240.0
20070805:1156	921.64	844.83	158.16	20.1	54.25	24.53	5.27	0	240.0
20070805:1256	881.74	802.9	153.84	19.75	53.08	26	5.9	0	240.0
20070805:1356	781.54	695.25	143.75	18.2	48.49	26.28	6.08	0	232.5
20070805:1456	572.78	400.89	209.01	14.48	41.53	26.55	6.26	0	170.4
20070805:1556	383.72	234.11	181.52	11.16	33.22	26.82	6.44	0	114.2
20070805:1656	197.96	167.08	78.4	8.9	24.29	26.22	5.79	0	58.9
20070805:1756	31.33	6.16	43.68	5.1	15.22	25.62	5.14	0	9.3
20070805:1856	21.12	0	35.58	1.07	6.42	25.02	4.5	0	6.3
20070805:1956	0	0	0	0	0	23.27	4.04	0	0.0
20070805:2056	0	0	0	0	0	21.51	3.59	0	0.0
20070805:2156	0	0	0	0	0	19.76	3.13	0	0.0
20070805:2256	0	0	0	0	0	19.02	3.07	0	0.0
20070805:2356	0	0	0	0	0	18.29	3.01	0	0.0
20070806:0056	0	0	0	0	0	17.55	2.95	0	0.0
20070806:0156	0	0	0	0	0	17.16	3.02	0	0.0
20070806:0256	0	0	0	0	0	16.78	3.09	0	0.0
20070806:0356	0	0	0	0	0	16.39	3.16	0	0.0
20070806:0456	21.58	0	34.93	1.05	2.91	16.13	3.65	0	6.4
20070806:0556	0	0	5.22	0.15	11.53	15.87	4.14	0	0.0
20070806:0656	161.53	40.05	138.83	4.72	20.54	15.61	4.63	0	48.1
20070806:0756	284.92	82.13	214.51	7.37	29.57	15.96	4.73	0	84.8
20070806:0856	437.15	165.11	281.83	10.42	38.19	16.3	4.82	0	130.1
20070806:0956	849.93	731.34	151	17.41	45.76	16.65	4.91	0	240.0
20070806:1056	942.32	833.14	158.84	19.53	51.39	17.64	5.12	0	240.0
20070806:1156	646.6	287	382.86	15.09	53.98	18.62	5.33	0	192.4
20070806:1256	566.75	209.28	378.27	13.89	52.81	19.61	5.54	0	168.6
20070806:1356	454.86	129.56	343.17	11.81	48.23	19.86	5.12	0	135.3
20070806:1456	350.77	77.25	290.73	9.63	41.29	20.11	4.7	0	104.4
20070806:1556	432.71	327.57	130.05	12.3	32.99	20.36	4.28	0	128.7
20070806:1656	192.56	68.16	152.01	6.97	24.06	19.67	4.03	0	57.3
20070806:1756	68.81	2.03	84.48	3.89	14.99	18.99	3.79	0	20.5
20070806:1856	45.77	0	61.71	1.86	6.18	18.3	3.54	0	13.6
20070806:1956	0	0	0	0	0	17.05	3.2	0	0.0
20070806:2056	0	0	0	0	0	15.81	2.86	0	0.0
20070806:2156	0	0	0	0	0	14.56	2.52	0	0.0
20070806:2256	0	0	0	0	0	13.8	2.43	0	0.0
20070806:2356	0	0	0	0	0	13.04	2.33	0	0.0

20070807:0056	0	0	0	0	0	12.28	2.23	0	0.0
20070807:0156	0	0	0	0	0	11.75	2.2	0	0.0
20070807:0256	0	0	0	0	0	11.23	2.16	0	0.0
20070807:0356	0	0	0	0	0	10.7	2.12	0	0.0
20070807:0456	20.29	0	32.82	0.99	2.71	10.95	2.46	0	6.0
20070807:0556	62.68	51.35	48.68	3.68	11.33	11.2	2.79	0	18.6
20070807:0656	285.12	219.94	88.16	7.45	20.34	11.45	3.12	0	84.8
20070807:0756	519.89	412.96	118.02	11.25	29.37	13.01	2.89	0	154.7
20070807:0856	544.81	294.76	264.45	12.1	37.98	14.56	2.66	0	162.1
20070807:0956	455.64	139	332.77	11.31	45.53	16.12	2.43	0	135.6
20070807:1056	587.78	337.58	274.15	13.11	51.13	16.76	2.35	0	174.9
20070807:1156	502.34	241.84	280.46	11.78	53.7	17.4	2.28	0	149.4
20070807:1256	235.85	3.11	249.74	7	52.53	18.04	2.21	0	70.2
20070807:1356	698.08	476.8	263.3	16.32	47.97	18.26	2.37	0	207.7
20070807:1456	310.29	49.76	277.7	8.72	41.04	18.48	2.54	0	92.3
20070807:1556	166.68	5.14	179.05	5.11	32.75	18.69	2.7	0	49.6
20070807:1656	181.6	47.91	157.63	6.3	23.83	18.22	3	0	54.0
20070807:1756	55.08	2.79	69.17	4.32	14.76	17.75	3.29	0	16.4
20070807:1856	42.86	0	58.39	1.76	5.95	17.28	3.59	0	12.8
20070807:1956	0	0	0	0	0	16.08	3.1	0	0.0
20070807:2056	0	0	0	0	0	14.89	2.62	0	0.0
20070807:2156	0	0	0	0	0	13.69	2.14	0	0.0
20070807:2256	0	0	0	0	0	13.09	2.28	0	0.0
20070807:2356	0	0	0	0	0	12.49	2.42	0	0.0
20070808:0056	0	0	0	0	0	11.89	2.57	0	0.0
20070808:0156	0	0	0	0	0	11.42	2.76	0	0.0
20070808:0256	0	0	0	0	0	10.94	2.95	0	0.0
20070808:0356	0	0	0	0	0	10.47	3.14	0	0.0
20070808:0456	11.16	0	22.04	0.66	2.49	10.61	3.52	0	3.3
20070808:0556	62.2	50.86	48.37	3.61	11.12	10.74	3.89	0	18.5
20070808:0656	286.76	219.78	88.18	7.39	20.14	10.88	4.26	0	85.3
20070808:0756	520.46	410.71	114.92	11.07	29.17	12.58	4.38	0	154.8
20070808:0856	725.8	599.51	139.8	14.75	37.76	14.27	4.5	0	215.9
20070808:0956	863.73	744.47	153	17.55	45.29	15.97	4.62	0	240.0
20070808:1056	942.23	833.59	159.57	19.4	50.87	16.87	4.61	0	240.0
20070808:1156	959.45	858.12	160.41	20.19	53.42	17.77	4.59	0	240.0
20070808:1256	915.68	814.98	155.98	19.82	52.25	18.67	4.58	0	240.0
20070808:1356	599.25	291.09	330.08	14.34	47.7	18.67	4.57	0	178.3
20070808:1456	337.73	66.29	286.39	9.27	40.79	18.67	4.57	0	100.5
20070808:1556	98.79	0	116.11	3.23	32.51	18.67	4.57	0	29.4
20070808:1656	92.77	0.53	109.43	3.06	23.59	18.22	4.41	0	27.6
20070808:1756	59.91	1.94	74.52	4.09	14.52	17.77	4.25	0	17.8
20070808:1856	11.92	0	23.54	0.71	5.7	17.32	4.1	0	3.5
20070808:1956	0	0	0	0	0	15.98	3.33	0	0.0
20070808:2056	0	0	0	0	0	14.63	2.56	0	0.0
20070808:2156	0	0	0	0	0	13.29	1.79	0	0.0
20070808:2256	0	0	0	0	0	12.31	2.03	0	0.0
20070808:2356	0	0	0	0	0	11.32	2.26	0	0.0
20070809:0056	0	0	0	0	0	10.34	2.5	0	0.0
20070809:0156	0	0	0	0	0	10.25	2.3	0	0.0
20070809:0256	0	0	0	0	0	10.17	2.1	0	0.0
20070809:0356	0	0	0	0	0	10.08	1.9	0	0.0
20070809:0456	19.68	0	32.05	0.96	2.28	10.31	2.17	0	5.9
20070809:0556	132.5	71.59	105.35	6.24	10.92	10.55	2.43	0	39.4
20070809:0656	237.1	127.5	127.28	6.24	19.94	10.78	2.69	0	70.5
20070809:0756	518.22	409.71	117.81	11.05	28.97	12.68	3.14	0	154.2
20070809:0856	630.96	445.88	198.77	13.13	37.55	14.57	3.59	0	187.7
20070809:0956	719.52	468.5	277.01	15.21	45.06	16.47	4.04	0	214.1
20070809:1056	791.2	522.44	304.88	16.85	50.61	17.08	4.21	0	235.4
20070809:1156	714.28	406.83	336.48	15.84	53.14	17.7	4.38	0	212.5
20070809:1256	631.65	290.29	365.22	14.83	51.97	18.31	4.55	0	187.9
20070809:1356	509.14	185.69	341.12	12.69	47.43	18.6	4.53	0	151.5
20070809:1456	415.38	139.29	291.89	10.86	40.53	18.88	4.51	0	123.6
20070809:1556	344.05	145.13	217.39	9.66	32.27	19.16	4.5	0	102.4
20070809:1656	199.87	149.37	89.83	8.39	23.35	18.84	4.28	0	59.5
20070809:1756	30.37	2.89	41.92	4.79	14.28	18.51	4.06	0	9.0
20070809:1856	32.37	0	47.29	1.42	5.45	18.19	3.85	0	9.6
20070809:1956	0	0	0	0	0	16.63	3.19	0	0.0
20070809:2056	0	0	0	0	0	15.08	2.53	0	0.0
20070809:2156	0	0	0	0	0	13.52	1.88	0	0.0
20070809:2256	0	0	0	0	0	12.79	1.98	0	0.0
20070809:2356	0	0	0	0	0	12.05	2.09	0	0.0
20070810:0056	0	0	0	0	0	11.32	2.19	0	0.0
20070810:0156	0	0	0	0	0	10.41	2.08	0	0.0
20070810:0256	0	0	0	0	0	9.49	1.97	0	0.0
20070810:0356	0	0	0	0	0	8.58	1.86	0	0.0
20070810:0456	8.42	0	18.48	0.56	2.06	8.87	1.83	0	2.5
20070810:0556	60.08	48.74	47.27	3.41	10.71	9.16	1.8	0	17.9
20070810:0656	281.22	215.72	87.44	7.16	19.74	9.45	1.77	0	83.7
20070810:0756	480.07	339.43	152.71	10.4	28.76	11.9	1.64	0	142.8
20070810:0856	687.45	570.41	150.24	14.28	37.33	14.34	1.52	0	204.5
20070810:0956	817.81	734.82	152.38	17.2	44.82	16.79	1.39	0	240.0
20070810:1056	887.67	822.55	158.66	19.03	50.35	18.06	1.48	0	240.0
20070810:1156	868.07	747.9	214.66	19.11	52.85	19.32	1.56	0	240.0
20070810:1256	862.62	803.67	155.06	19.43	51.68	20.59	1.64	0	240.0
20070810:1356	744.93	640.68	175.54	17.44	47.15	21.08	1.46	0	221.6
20070810:1456	567.36	411.67	200.52	14.25	40.27	21.56	1.27	0	168.8
20070810:1556	367.17	212.61	186.86	10.55	32.02	22.04	1.09	0	109.2
20070810:1656	190.69	159.53	77.1	8.4	23.1	21.7	0.98	0	56.7
20070810:1756	29.27	1.96	41.47	4.61	14.03	21.37	0.88	0	8.7
20070810:1856	14.98	0	27.71	0.83	5.2	21.03	0.77	0	4.5
20070810:1956	0	0	0	0	0	19.95	1.06	0	0.0
20070810:2056	0	0	0	0	0	18.86	1.35	0	0.0
20070810:2156	0	0	0	0	0	17.78	1.64	0	0.0
20070810:2256	0	0	0	0	0	16.79	1.66	0	0.0
20070810:2356	0	0	0	0	0	15.8	1.67	0	0.0
20070811:0056	0	0	0	0	0	14.81	1.68	0	0.0
20070811:0156	0	0	0	0	0	13.71	1.68	0	0.0
20070811:0256	0	0	0	0	0	12.62	1.67	0	0.0
20070811:0356	0	0	0	0	0	11.52	1.67	0	0.0
20070811:0456	6.34	0	15.88	0.48	1.85	11.77	1.71	0	1.9
20070811:0556	57.3	46.81	46.47	3.26	10.51	12.01	1.75	0	17.0
20070811:0656	271.86	210.86	86.41	6.97	19.54	12.26	1.79	0	80.9
20070811:0756	502.07	404.46	117.19	10.8	28.55	14.52	1.66	0	149.4
20070811:0856	672.86	563.23	149.96	14.07	37.11	16.79	1.52	0	200.2
20070811:0956	765.09	632.09	202.36	16.31	44.58	19.05	1.38	0	227.6
20070811:1056	876.97	815.53	158.06	18.81	50.08	20.14	1.73	0	240.0

20070811:1156	897.02	839.45	159.04	19.58	52.56	21.23	2.09	0	240.0
20070811:1256	860.66	796.46	154.55	19.21	51.38	22.32	2.44	0	240.0
20070811:1356	775.67	697.1	145.27	17.86	46.87	22.53	2.77	0	230.8
20070811:1456	627.85	540.87	129.37	15.39	40	22.73	3.09	0	186.8
20070811:1556	398.52	272.98	156.09	11.28	31.76	22.93	3.42	0	118.6
20070811:1656	194.36	162.88	77.59	8.51	22.85	22.48	3.07	0	57.8
20070811:1756	28.71	1.12	40.88	4.65	13.78	22.03	2.72	0	8.5
20070811:1856	12.2	0	24.27	0.73	4.94	21.58	2.37	0	3.6
20070811:1956	0	0	0	0	0	20.24	2.43	0	0.0
20070811:2056	0	0	0	0	0	18.91	2.49	0	0.0
20070811:2156	0	0	0	0	0	17.57	2.55	0	0.0
20070811:2256	0	0	0	0	0	16.61	2.55	0	0.0
20070811:2356	0	0	0	0	0	15.64	2.55	0	0.0
20070812:0056	0	0	0	0	0	14.68	2.55	0	0.0
20070812:0156	0	0	0	0	0	14.05	2.58	0	0.0
20070812:0256	0	0	0	0	0	13.42	2.61	0	0.0
20070812:0356	0	0	0	0	0	12.79	2.63	0	0.0
20070812:0456	12.56	0	23.95	0.72	1.63	12.8	3.03	0	3.7
20070812:0556	68.7	5.52	80.74	2.47	10.3	12.82	3.43	0	20.4
20070812:0656	170.24	50.73	135.52	4.77	19.33	12.83	3.82	0	50.6
20070812:0756	136.4	4.16	146.63	4.15	28.34	14.39	4.21	0	40.6
20070812:0856	502.46	250.84	261.5	11.11	36.88	15.94	4.6	0	149.5
20070812:0956	583.37	284.4	314.99	12.96	44.33	17.5	4.99	0	173.6
20070812:1056	457.3	121.12	349.81	11.46	49.8	18.08	5.41	0	136.0
20070812:1156	95.89	0	113.09	3.14	52.27	18.66	5.82	0	28.5
20070812:1256	131.12	0	148.4	4.13	51.09	19.24	6.23	0	39.0
20070812:1356	87.74	0	105.06	2.92	46.58	19.03	6.06	0	26.1
20070812:1456	308.44	52.67	269.86	8.52	39.73	18.82	5.89	0	91.8
20070812:1556	32.72	0	47.81	1.33	31.5	18.61	5.71	0	9.7
20070812:1656	150.7	21.34	149.15	4.97	22.59	18.14	5.34	0	44.8
20070812:1756	57.73	0.08	72.75	3.53	13.52	17.67	4.97	0	17.2
20070812:1856	23.49	0	37.24	1.12	4.68	17.2	4.61	0	7.0
20070812:1956	0	0	0	0	0	16.07	4.03	0	0.0
20070812:2056	0	0	0	0	0	14.93	3.46	0	0.0
20070812:2156	0	0	0	0	0	13.8	2.88	0	0.0
20070812:2256	0	0	0	0	0	13.23	2.92	0	0.0
20070812:2356	0	0	0	0	0	12.66	2.97	0	0.0
20070813:0056	0	0	0	0	0	12.09	3.01	0	0.0
20070813:0156	0	0	0	0	0	11.74	3.32	0	0.0
20070813:0256	0	0	0	0	0	11.4	3.64	0	0.0
20070813:0356	0	0	0	0	0	11.05	3.96	0	0.0
20070813:0456	14.59	0	26.26	0.79	1.41	11.3	4.32	0	4.3
20070813:0556	38.43	1.98	51.49	1.51	10.09	11.56	4.69	0	11.4
20070813:0656	277.11	212.18	86.84	6.89	19.12	11.81	5.05	0	82.4
20070813:0756	472.38	318.55	158.63	9.97	28.13	13.42	5.43	0	140.5
20070813:0856	588.09	353.52	240.62	12.25	36.66	15.04	5.8	0	175.0
20070813:0956	658.27	367.49	303.74	13.95	44.08	16.65	6.18	0	195.8
20070813:1056	325.65	32.57	304.59	8.94	49.53	17.31	6.45	0	96.9
20070813:1156	856.45	602.59	284.9	17.81	51.97	17.97	6.71	0	240.0
20070813:1256	762.13	470.99	315.02	16.55	50.78	18.63	6.98	0	226.7
20070813:1356	534.49	217.69	330.49	12.87	46.29	18.87	6.83	0	159.0
20070813:1456	543.89	318.24	239.86	13.06	39.45	19.11	6.68	0	161.8
20070813:1556	201.73	19.77	198.51	6	31.23	19.34	6.52	0	60.0
20070813:1656	117.45	5.92	129.73	3.84	22.33	18.97	6.05	0	34.9
20070813:1756	57.68	0	74.15	2.23	13.26	18.59	5.57	0	17.2
20070813:1856	27.28	0	41.65	1.25	4.41	18.22	5.09	0	8.1
20070813:1956	0	0	0	0	0	17.23	4.59	0	0.0
20070813:2056	0	0	0	0	0	16.25	4.09	0	0.0
20070813:2156	0	0	0	0	0	15.26	3.59	0	0.0
20070813:2256	0	0	0	0	0	14.77	3.83	0	0.0
20070813:2356	0	0	0	0	0	14.29	4.06	0	0.0
20070814:0056	0	0	0	0	0	13.8	4.3	0	0.0
20070814:0156	0	0	0	0	0	13.87	4.72	0	0.0
20070814:0256	0	0	0	0	0	13.94	5.14	0	0.0
20070814:0356	0	0	0	0	0	14.01	5.56	0	0.0
20070814:0456	5.78	0	15.24	0.46	1.18	14.33	5.98	0	1.7
20070814:0556	40.68	0.09	55.49	1.55	9.87	14.64	6.4	0	12.1
20070814:0656	9.77	0	20.66	0.57	18.91	14.96	6.83	0	2.9
20070814:0756	113.21	1.16	127.11	3.55	27.91	15.14	7.32	0	33.7
20070814:0856	163.02	2.43	174.12	4.88	36.43	15.31	7.81	0	48.5
20070814:0956	79.32	0	95.06	2.64	43.83	15.49	8.3	0	23.6
20070814:1056	150.04	0	163.93	4.56	49.25	15.28	8.8	0	44.6
20070814:1156	150.29	0	163.97	4.56	51.67	15.08	9.3	0	44.7
20070814:1256	206.62	0.99	216.8	6.05	50.47	14.87	9.79	0	61.5
20070814:1356	156.4	0	170.29	4.74	45.99	15.72	9.54	0	46.5
20070814:1456	120.5	0	136.03	3.78	39.17	16.56	9.28	0	35.8
20070814:1556	72.67	0	89.09	2.48	30.96	17.4	9.02	0	21.6
20070814:1656	37.82	0	53.17	1.48	22.07	17.93	8.99	0	11.3
20070814:1756	0	0	5.55	0.17	12.99	18.45	8.97	0	0.0
20070814:1856	7.94	0	18.48	0.56	4.14	18.98	8.94	0	2.4
20070814:1956	0	0	0	0	0	18.49	9.28	0	0.0
20070814:2056	0	0	0	0	0	18	9.63	0	0.0
20070814:2156	0	0	0	0	0	17.51	9.97	0	0.0
20070814:2256	0	0	0	0	0	16.91	9.36	0	0.0
20070814:2356	0	0	0	0	0	16.31	8.74	0	0.0
20070815:0056	0	0	0	0	0	15.71	8.12	0	0.0
20070815:0156	0	0	0	0	0	15.82	8.2	0	0.0
20070815:0256	0	0	0	0	0	15.94	8.27	0	0.0
20070815:0356	0	0	0	0	0	16.05	8.34	0	0.0
20070815:0456	9.06	0	19.77	0.6	0.96	16.04	8.43	0	2.7
20070815:0556	61.09	3.95	74.77	2.23	9.66	16.03	8.52	0	18.2
20070815:0656	264.51	204.73	85.21	6.57	18.7	16.02	8.61	0	78.7
20070815:0756	392.52	212.41	187.93	8.67	27.7	16.37	8.42	0	116.8
20070815:0856	271.05	42.1	239.55	7.27	36.2	16.72	8.24	0	80.6
20070815:0956	168.06	0.33	182.47	5.08	43.58	17.07	8.06	0	50.0
20070815:1056	299.56	24.43	286.28	8.32	48.96	17.29	7.9	0	89.1
20070815:1156	441.31	100.33	350.15	11.18	51.36	17.51	7.75	0	131.3
20070815:1256	83.27	0	99.93	2.78	50.16	17.73	7.6	0	24.8
20070815:1356	172.49	0.24	187.59	5.22	45.69	17.82	7.41	0	51.3
20070815:1456	193.31	5.42	202.77	5.75	38.88	17.91	7.21	0	57.5
20070815:1556	8.87	0	19.7	0.55	30.68	18	7.02	0	2.6
20070815:1656	127.49	11.42	133.99	4.16	21.79	17.22	6.51	0	37.9
20070815:1756	6.48	0	16.33	0.49	12.72	16.43	6	0	1.9
20070815:1856	19.95	0	32.98	0.99	3.86	15.64	5.49	0	5.9
20070815:1956	0	0	0	0	0	14.79	5.17	0	0.0
20070815:2056	0	0	0	0	0	13.94	4.85	0	0.0
20070815:2156	0	0	0	0	0	13.09	4.52	0	0.0

20070815:2256	0	0	0	0	0	12.66	4.92	0	0.0
20070815:2356	0	0	0	0	0	12.23	5.31	0	0.0
20070816:0056	0	0	0	0	0	11.8	5.71	0	0.0
20070816:0156	0	0	0	0	0	11.65	5.87	0	0.0
20070816:0256	0	0	0	0	0	11.5	6.02	0	0.0
20070816:0356	0	0	0	0	0	11.35	6.18	0	0.0
20070816:0456	11.15	0	22.08	0.66	0.73	11.29	6.21	0	3.3
20070816:0556	78.17	9.14	87.44	2.78	9.44	11.24	6.23	0	23.3
20070816:0656	278.04	211.71	86.81	6.69	18.49	11.18	6.26	0	82.7
20070816:0756	152.41	8.02	156.1	4.47	27.48	11.99	6.88	0	45.3
20070816:0856	544.08	281.52	259.03	11.37	35.96	12.8	7.5	0	161.9
20070816:0956	654.79	343.94	308.77	13.56	43.32	13.61	8.12	0	194.8
20070816:1056	735.37	405.68	332.73	15.21	48.68	14.24	7.94	0	218.8
20070816:1156	290.89	15.46	283.76	8.12	51.05	14.88	7.75	0	86.5
20070816:1256	367.73	51.62	322.92	9.77	49.85	15.51	7.56	0	109.4
20070816:1356	237.96	7.75	241.46	6.85	45.38	15.63	7.31	0	70.8
20070816:1456	104.83	0	120.41	3.35	38.59	15.74	7.06	0	31.2
20070816:1556	120.88	0.47	135.75	3.79	30.4	15.85	6.81	0	36.0
20070816:1656	177.15	70.84	131.64	6.34	21.52	15.44	6.33	0	52.7
20070816:1756	55.39	0	70.75	2.13	12.45	15.02	5.84	0	16.5
20070816:1856	24.37	0	37.84	1.14	3.58	14.61	5.35	0	7.3
20070816:1956	0	0	0	0	0	13.73	4.94	0	0.0
20070816:2056	0	0	0	0	0	12.85	4.53	0	0.0
20070816:2156	0	0	0	0	0	11.97	4.12	0	0.0
20070816:2256	0	0	0	0	0	11.6	4.07	0	0.0
20070816:2356	0	0	0	0	0	11.22	4.01	0	0.0
20070817:0056	0	0	0	0	0	10.85	3.96	0	0.0
20070817:0156	0	0	0	0	0	10.49	3.87	0	0.0
20070817:0256	0	0	0	0	0	10.13	3.77	0	0.0
20070817:0356	0	0	0	0	0	9.77	3.68	0	0.0
20070817:0456	11.3	0	22.16	0.67	0.5	9.92	3.91	0	3.4
20070817:0556	83.86	9.87	92.29	2.93	9.22	10.07	4.13	0	24.9
20070817:0656	178.55	63.3	129.63	4.76	18.27	10.22	4.36	0	53.1
20070817:0756	510.61	382.6	130.41	10.25	27.26	11.65	4.71	0	151.9
20070817:0856	553.56	301.07	254.83	11.53	35.73	13.07	5.06	0	164.7
20070817:0956	281.14	25.11	265.2	7.73	43.06	14.5	5.41	0	83.6
20070817:1056	479.5	135.63	351.05	11.61	48.39	15.12	5.41	0	142.7
20070817:1156	569.76	208.87	371.27	13.28	50.73	15.73	5.41	0	169.5
20070817:1256	157.43	0	172.39	4.79	49.53	16.35	5.41	0	46.8
20070817:1356	599.94	302.11	310.66	13.72	45.07	16.58	5.3	0	178.5
20070817:1456	419.31	153.5	276.25	10.55	38.29	16.81	5.2	0	124.7
20070817:1556	175.55	11.17	179.68	5.26	30.11	17.03	5.09	0	52.2
20070817:1656	125.16	10.91	132.23	4.09	21.24	16.81	4.43	0	37.2
20070817:1756	46.3	0	61.83	1.86	12.17	16.58	3.77	0	13.8
20070817:1856	25.24	0	39.1	1.18	3.3	16.36	3.1	0	7.5
20070817:1956	0	0	0	0	0	15.5	2.93	0	0.0
20070817:2056	0	0	0	0	0	14.65	2.75	0	0.0
20070817:2156	0	0	0	0	0	13.79	2.58	0	0.0
20070817:2256	0	0	0	0	0	13.7	2.93	0	0.0
20070817:2356	0	0	0	0	0	13.6	3.29	0	0.0
20070818:0056	0	0	0	0	0	13.51	3.64	0	0.0
20070818:0156	0	0	0	0	0	13.12	3.85	0	0.0
20070818:0256	0	0	0	0	0	12.73	4.06	0	0.0
20070818:0356	0	0	0	0	0	12.34	4.26	0	0.0
20070818:0456	5.36	0	14.55	0.44	0.27	12.44	4.6	0	1.6
20070818:0556	50.89	2.4	64.35	1.87	9	12.55	4.93	0	15.1
20070818:0656	171.2	63.66	123.97	4.6	18.05	12.65	5.27	0	50.9
20070818:0756	341.9	152.69	195.35	7.76	27.04	13.7	6.17	0	101.7
20070818:0856	305.95	65.53	247.61	7.8	35.49	14.75	7.06	0	91.0
20070818:0956	430.53	125.9	309.54	10.32	42.8	15.8	7.96	0	128.1
20070818:1056	129.08	0	144.49	4.02	48.09	16.53	8	0	38.4
20070818:1156	200.25	0.65	213.61	5.95	50.42	17.27	8.05	0	59.6
20070818:1256	106.45	0	123.09	3.42	49.2	18	8.1	0	31.7
20070818:1356	171.68	0.3	186.5	5.19	44.75	17.69	8.13	0	51.1
20070818:1456	66.72	0	83.08	2.31	37.99	17.38	8.17	0	19.8
20070818:1556	8.39	0	18.99	0.53	29.82	17.06	8.21	0	2.5
20070818:1656	68.17	0.1	84.18	2.34	20.95	16.45	7.66	0	20.3
20070818:1756	30.98	0	45.3	1.36	11.88	15.84	7.12	0	9.2
20070818:1856	14.52	0	26.54	0.8	3.01	15.23	6.58	0	4.3
20070818:1956	0	0	0	0	0	15.02	6.4	0	0.0
20070818:2056	0	0	0	0	0	14.82	6.23	0	0.0
20070818:2156	0	0	0	0	0	14.61	6.06	0	0.0
20070818:2256	0	0	0	0	0	14.7	5.82	0	0.0
20070818:2356	0	0	0	0	0	14.8	5.59	0	0.0
20070819:0056	0	0	0	0	0	14.89	5.35	0	0.0
20070819:0156	0	0	0	0	0	14.94	4.85	0	0.0
20070819:0256	0	0	0	0	0	14.99	4.35	0	0.0
20070819:0356	0	0	0	0	0	15.04	3.85	0	0.0
20070819:0456	5.3	0	14.59	0.44	0.04	14.96	3.29	0	1.6
20070819:0556	19.08	0.14	31.89	0.89	8.78	14.89	2.73	0	5.7
20070819:0656	44.75	0	59.96	1.67	17.84	14.81	2.17	0	13.3
20070819:0756	44.7	0	60.01	1.67	26.81	15.23	2.32	0	13.3
20070819:0856	288.54	58.36	242.94	7.57	35.25	15.66	2.47	0	85.8
20070819:0956	198.03	3.8	209.07	5.87	42.53	16.08	2.62	0	58.9
20070819:1056	257.44	12.98	259.17	7.39	47.8	16.59	2.54	0	76.6
20070819:1156	212.18	1.95	226.05	6.32	50.1	17.09	2.46	0	63.1
20070819:1256	584.14	268.3	344.13	13.61	48.87	17.6	2.39	0	173.8
20070819:1356	155	0	171.52	4.77	44.43	17.4	2.8	0	46.1
20070819:1456	250.3	27.62	237.36	7.11	37.68	17.19	3.21	0	74.5
20070819:1556	102.02	0.1	118.53	3.3	29.53	16.98	3.63	0	30.4
20070819:1656	30.55	0	45.05	1.25	20.66	16.32	4.26	0	9.1
20070819:1756	0	0	4.78	0.14	11.59	15.66	4.89	0	0.0
20070819:1856	3.19	0	11.43	0.34	2.71	15	5.52	0	0.9
20070819:1956	0	0	0	0	0	14.42	5.83	0	0.0
20070819:2056	0	0	0	0	0	13.84	6.15	0	0.0
20070819:2156	0	0	0	0	0	13.26	6.47	0	0.0
20070819:2256	0	0	0	0	0	12.94	6.69	0	0.0
20070819:2356	0	0	0	0	0	12.62	6.91	0	0.0
20070820:0056	0	0	0	0	0	12.3	7.13	0	0.0
20070820:0156	0	0	0	0	0	12.23	6.59	0	0.0
20070820:0256	0	0	0	0	0	12.16	6.06	0	0.0
20070820:0356	0	0	0	0	0	12.09	5.52	0	0.0
20070820:0456	0	0	0	0	0	11.99	5.27	0	0.0
20070820:0556	127.98	76.72	99.82	5.42	8.56	11.88	5.02	0	38.1
20070820:0656	221.16	123.95	115.37	5.42	17.62	11.78	4.77	0	65.8
20070820:0756	98.32	0.19	112.4	3.13	26.59	12.3	4.79	0	29.3
20070820:0856	133.92	0.13	147.18	4.09	35.01	12.83	4.8	0	39.8

20070820:0956	191.01	1.94	200.66	5.61	42.26	13.35	4.81	0	56.8
20070820:1056	263.57	11.71	261.75	7.45	47.5	14.18	4.81	0	78.4
20070820:1156	375.63	56.4	327.77	9.9	49.77	15.01	4.81	0	111.7
20070820:1256	290.89	19.26	282.94	8.16	48.54	15.84	4.81	0	86.5
20070820:1356	337.46	51.14	295.8	9.04	44.11	15.89	5.59	0	100.4
20070820:1456	281.85	40.4	251.8	7.74	37.37	15.94	6.37	0	83.9
20070820:1556	140.66	3.07	152.49	4.31	29.23	15.98	7.14	0	41.8
20070820:1656	144.96	28.05	136.35	4.82	20.37	15.55	7.13	0	43.1
20070820:1756	46.5	0	61.59	1.85	11.3	15.11	7.11	0	13.8
20070820:1856	0	0	0.93	0.03	2.41	14.67	7.09	0	0.0
20070820:1956	0	0	0	0	0	14.01	7.03	0	0.0
20070820:2056	0	0	0	0	0	13.34	6.96	0	0.0
20070820:2156	0	0	0	0	0	12.68	6.9	0	0.0
20070820:2256	0	0	0	0	0	12.71	7.03	0	0.0
20070820:2356	0	0	0	0	0	12.74	7.17	0	0.0
20070821:0056	0	0	0	0	0	12.77	7.31	0	0.0
20070821:0156	0	0	0	0	0	12.63	7.49	0	0.0
20070821:0256	0	0	0	0	0	12.48	7.67	0	0.0
20070821:0356	0	0	0	0	0	12.34	7.85	0	0.0
20070821:0456	0	0	0	0	0	12.52	7.79	0	0.0
20070821:0556	0	0	3.68	0.1	8.34	12.69	7.74	0	0.0
20070821:0656	17.84	0	30.27	0.84	17.4	12.87	7.68	0	5.3
20070821:0756	57.36	0	72.47	2.02	26.36	13.78	8.12	0	17.1
20070821:0856	58.62	0	74	2.06	34.77	14.69	8.56	0	17.4
20070821:0956	66.46	0	82.2	2.29	41.99	15.6	8.99	0	19.8
20070821:1056	104.93	0	120.81	3.36	47.2	16.56	8.79	0	31.2
20070821:1156	134.71	0	150.55	4.19	49.44	17.51	8.59	0	40.1
20070821:1256	129.29	0	145.85	4.06	48.21	18.47	8.39	0	38.5
20070821:1356	162.36	0.12	178.19	4.96	43.78	18.5	8.3	0	48.3
20070821:1456	153.52	1.01	168.67	4.71	37.06	18.53	8.22	0	45.7
20070821:1556	102.91	0.14	119.72	3.33	28.93	18.55	8.14	0	30.6
20070821:1656	34.69	0	49.88	1.39	20.07	18.28	8.15	0	10.3
20070821:1756	14.5	0	26.78	0.81	11	18	8.16	0	4.3
20070821:1856	0	0	0.81	0.02	2.11	17.73	8.17	0	0.0
20070821:1956	0	0	0	0	0	17.17	7.98	0	0.0
20070821:2056	0	0	0	0	0	16.62	7.79	0	0.0
20070821:2156	0	0	0	0	0	16.06	7.6	0	0.0
20070821:2256	0	0	0	0	0	15.92	7.67	0	0.0
20070821:2356	0	0	0	0	0	15.77	7.74	0	0.0
20070822:0056	0	0	0	0	0	15.63	7.81	0	0.0
20070822:0156	0	0	0	0	0	15.59	8.57	0	0.0
20070822:0256	0	0	0	0	0	15.54	9.33	0	0.0
20070822:0356	0	0	0	0	0	15.5	10.1	0	0.0
20070822:0456	0	0	0	0	0	15.39	10.12	0	0.0
20070822:0556	13.51	0	25.35	0.71	8.11	15.27	10.15	0	4.0
20070822:0656	99.63	12.93	102.89	3.08	17.17	15.16	10.18	0	29.6
20070822:0756	118.79	3.4	130.64	3.68	26.13	16.16	10.44	0	35.3
20070822:0856	153.35	2.49	165.72	4.64	34.52	17.17	10.7	0	45.6
20070822:0956	97.22	0	113.88	3.17	41.72	18.17	10.97	0	28.9
20070822:1056	170.48	0.13	185.96	5.17	46.89	18.78	11.29	0	50.7
20070822:1156	187.99	0.46	203.19	5.66	49.11	19.4	11.62	0	55.9
20070822:1256	367.05	64.48	314.29	9.68	47.87	20.01	11.94	0	109.2
20070822:1356	280.05	28.03	264.61	7.81	43.45	19.11	11.49	0	83.3
20070822:1456	145.28	0.62	160.47	4.47	36.74	18.2	11.04	0	43.2
20070822:1556	42.45	0	57.95	1.61	28.62	17.29	10.59	0	12.6
20070822:1656	2.75	0	10.79	0.3	19.77	16.85	10.18	0	0.8
20070822:1756	0	0	4.29	0.13	10.7	16.41	9.77	0	0.0
20070822:1856	0.57	0	6.81	0.2	1.81	15.97	9.37	0	0.2
20070822:1956	0	0	0	0	0	15.53	9.13	0	0.0
20070822:2056	0	0	0	0	0	15.09	8.89	0	0.0
20070822:2156	0	0	0	0	0	14.65	8.65	0	0.0
20070822:2256	0	0	0	0	0	14.59	8.5	0	0.0
20070822:2356	0	0	0	0	0	14.53	8.34	0	0.0
20070823:0056	0	0	0	0	0	14.47	8.19	0	0.0
20070823:0156	0	0	0	0	0	14.08	7.92	0	0.0
20070823:0256	0	0	0	0	0	13.68	7.64	0	0.0
20070823:0356	0	0	0	0	0	13.29	7.37	0	0.0
20070823:0456	0	0	0	0	0	13.32	7.45	0	0.0
20070823:0556	7.09	0	17.02	0.47	7.89	13.35	7.54	0	2.1
20070823:0656	99.89	13.77	101.66	3.06	16.95	13.38	7.63	0	29.7
20070823:0756	500.56	387.64	116.23	9.59	25.9	14.56	8.14	0	148.9
20070823:0856	704.11	567.95	138.65	13	34.27	15.75	8.65	0	209.5
20070823:0956	850.92	710.42	152.58	15.73	41.44	16.93	9.16	0	240.0
20070823:1056	208.17	2.64	219.58	6.14	46.58	17.81	9.04	0	61.9
20070823:1156	501.88	160.24	351.86	11.95	48.78	18.69	8.93	0	149.3
20070823:1256	902.61	776.23	155.88	17.9	47.52	19.57	8.81	0	240.0
20070823:1356	296.69	36.44	274.09	8.2	43.12	19.57	8.52	0	88.3
20070823:1456	217.14	16.01	216.71	6.32	36.42	19.57	8.23	0	64.6
20070823:1556	374.42	247.77	145.41	9.8	28.31	19.56	7.94	0	111.4
20070823:1656	100.06	6.32	112.19	3.35	19.47	19.03	7.33	0	29.8
20070823:1756	0	0	4.17	0.13	10.39	18.51	6.71	0	0.0
20070823:1856	0.46	0	6.6	0.2	1.5	17.98	6.1	0	0.1
20070823:1956	0	0	0	0	0	17.27	5.77	0	0.0
20070823:2056	0	0	0	0	0	16.57	5.45	0	0.0
20070823:2156	0	0	0	0	0	15.86	5.13	0	0.0
20070823:2256	0	0	0	0	0	15.56	4.97	0	0.0
20070823:2356	0	0	0	0	0	15.27	4.82	0	0.0
20070824:0056	0	0	0	0	0	14.97	4.66	0	0.0
20070824:0156	0	0	0	0	0	14.67	4.37	0	0.0
20070824:0256	0	0	0	0	0	14.37	4.07	0	0.0
20070824:0356	0	0	0	0	0	14.07	3.78	0	0.0
20070824:0456	0	0	0	0	0	13.97	3.69	0	0.0
20070824:0556	6.94	0	16.84	0.47	7.66	13.86	3.6	0	2.1
20070824:0656	109.75	20.63	105.53	3.27	16.72	13.76	3.52	0	32.7
20070824:0756	127.15	5.79	136.25	3.87	25.67	14.59	3.6	0	37.8
20070824:0856	169.35	5.87	177.79	5.03	34.02	15.42	3.68	0	50.4
20070824:0956	127.93	0	143.79	4	41.17	16.25	3.77	0	38.1
20070824:1056	589.65	271.48	339.53	13.04	46.27	17.24	3.64	0	175.4
20070824:1156	914.44	820.22	160.77	18.2	48.44	18.22	3.51	0	240.0
20070824:1256	866.83	773.87	155.89	17.77	47.18	19.21	3.38	0	240.0
20070824:1356	754.83	660.41	144.57	16.13	42.78	19.88	2.91	0	224.6
20070824:1456	594.48	503.06	127.54	13.62	36.09	20.54	2.44	0	176.9
20070824:1556	387.47	316.72	103.34	10.37	27.99	21.2	1.97	0	115.3
20070824:1656	158.36	131.79	71.53	6.73	19.16	20.84	1.56	0	47.1
20070824:1756	27.9	0	42.79	1.29	10.08	20.48	1.15	0	8.3
20070824:1856	0	0	3.36	0.1	1.18	20.12	0.74	0	0.0
20070824:1956	0	0	0	0	0	18.55	1.06	0	0.0

20070824:2056	0	0	0	0	0	16.97	1.37	0	0.0
20070824:2156	0	0	0	0	0	15.4	1.68	0	0.0
20070824:2256	0	0	0	0	0	14.92	2.02	0	0.0
20070824:2356	0	0	0	0	0	14.43	2.35	0	0.0
20070825:0056	0	0	0	0	0	13.95	2.69	0	0.0
20070825:0156	0	0	0	0	0	13.66	2.56	0	0.0
20070825:0256	0	0	0	0	0	13.36	2.42	0	0.0
20070825:0356	0	0	0	0	0	13.07	2.29	0	0.0
20070825:0456	0	0	0	0	0	13.23	2.36	0	0.0
20070825:0556	42.39	36.05	38.01	2.08	7.43	13.4	2.43	0	12.6
20070825:0656	252.96	195.55	83.3	5.7	16.5	13.56	2.5	0	75.3
20070825:0756	486.58	386.2	116.3	9.42	25.43	15.25	2.88	0	144.8
20070825:0856	678.58	566.9	139.01	12.82	33.77	16.95	3.26	0	201.9
20070825:0956	814.18	709.56	153.03	15.55	40.89	18.64	3.64	0	240.0
20070825:1056	897	804.32	161.03	17.51	45.96	19.59	3.68	0	240.0
20070825:1156	911.5	825.68	161.79	18.23	48.1	20.55	3.72	0	240.0
20070825:1256	865.49	778.67	156.85	17.79	46.83	21.5	3.77	0	240.0
20070825:1356	759.15	667.11	145.39	16.19	42.43	22.39	3.87	0	225.8
20070825:1456	598.58	507.74	128.12	13.66	35.76	23.27	3.97	0	178.1
20070825:1556	388.62	319.07	103.62	10.37	27.67	24.15	4.07	0	115.6
20070825:1656	154.51	129.74	71.06	6.61	18.84	23.55	3.46	0	46.0
20070825:1756	26.68	0	41.77	1.26	9.77	22.95	2.86	0	7.9
20070825:1856	3.2	0	11.71	0.35	0.86	22.35	2.25	0	1.0
20070825:1956	0	0	0	0	0	20.7	2.44	0	0.0
20070825:2056	0	0	0	0	0	19.05	2.63	0	0.0
20070825:2156	0	0	0	0	0	17.4	2.81	0	0.0
20070825:2256	0	0	0	0	0	16.81	2.85	0	0.0
20070825:2356	0	0	0	0	0	16.23	2.89	0	0.0
20070826:0056	0	0	0	0	0	15.64	2.92	0	0.0
20070826:0156	0	0	0	0	0	15.71	3.23	0	0.0
20070826:0256	0	0	0	0	0	15.79	3.54	0	0.0
20070826:0356	0	0	0	0	0	15.86	3.85	0	0.0
20070826:0456	0	0	0	0	0	15.55	4.17	0	0.0
20070826:0556	43.58	28.46	43.67	1.99	7.2	15.23	4.48	0	13.0
20070826:0656	229.78	163.92	89.96	5.23	16.27	14.92	4.8	0	68.4
20070826:0756	277.24	159.05	128.73	5.96	25.2	15.19	4.77	0	82.5
20070826:0856	325.98	172.69	160.65	6.98	33.51	15.45	4.74	0	97.0
20070826:0956	848.37	723.77	155.4	15.74	40.6	15.72	4.72	0	240.0
20070826:1056	937.68	825.59	164.08	17.84	45.64	16.35	4.3	0	240.0
20070826:1156	949.22	846.99	164.75	18.57	47.76	16.97	3.89	0	240.0
20070826:1256	897.89	798.5	159.54	18.11	46.47	17.6	3.48	0	240.0
20070826:1356	786.04	682.31	147.97	16.45	42.09	18.28	3.37	0	233.8
20070826:1456	620.23	519.07	130.34	13.86	35.43	18.96	3.27	0	184.5
20070826:1556	403.09	325.87	105.14	10.51	27.35	19.64	3.17	0	119.9
20070826:1656	133.36	33.88	124.14	4.64	18.53	19.07	2.53	0	39.7
20070826:1756	35.46	0	50.77	1.53	9.45	18.49	1.89	0	10.5
20070826:1856	3.56	0	12.12	0.36	0.54	17.92	1.26	0	1.1
20070826:1956	0	0	0	0	0	16.88	1.47	0	0.0
20070826:2056	0	0	0	0	0	15.83	1.68	0	0.0
20070826:2156	0	0	0	0	0	14.79	1.89	0	0.0
20070826:2256	0	0	0	0	0	14.42	2.01	0	0.0
20070826:2356	0	0	0	0	0	14.05	2.14	0	0.0
20070827:0056	0	0	0	0	0	13.68	2.26	0	0.0
20070827:0156	0	0	0	0	0	12.63	2.21	0	0.0
20070827:0256	0	0	0	0	0	11.59	2.15	0	0.0
20070827:0356	0	0	0	0	0	10.54	2.1	0	0.0
20070827:0456	0	0	0	0	0	10.51	2.5	0	0.0
20070827:0556	33.04	9.93	41.47	1.41	6.97	10.49	2.9	0	9.8
20070827:0656	189.78	91.38	115.05	4.58	16.04	10.46	3.3	0	56.5
20070827:0756	492.8	366.67	132.48	9.27	24.96	12.09	3.65	0	146.6
20070827:0856	710.07	582.2	142.03	12.96	33.26	13.73	4	0	211.2
20070827:0956	851.6	728	156.28	15.74	40.32	15.36	4.36	0	240.0
20070827:1056	610.95	286.43	340.82	13.16	45.32	16.22	4.45	0	181.8
20070827:1156	941.59	832	163.25	18.19	47.41	17.07	4.54	0	240.0
20070827:1256	893.69	783.86	158.1	17.74	46.12	17.93	4.63	0	240.0
20070827:1356	371.06	186.35	195.64	8.55	41.74	18.09	4.7	0	110.4
20070827:1456	287.81	134.47	166.14	7.11	35.09	18.25	4.76	0	85.6
20070827:1556	219.81	47.59	188.95	6.27	27.02	18.4	4.83	0	65.4
20070827:1656	90.43	4.95	103.5	3.05	18.21	17.95	4.2	0	26.9
20070827:1756	0	0	3.85	0.12	9.13	17.49	3.58	0	0.0
20070827:1856	4.4	0	13.37	0.4	0.22	17.04	2.95	0	1.3
20070827:1956	0	0	0	0	0	16.44	2.63	0	0.0
20070827:2056	0	0	0	0	0	15.83	2.32	0	0.0
20070827:2156	0	0	0	0	0	15.23	2	0	0.0
20070827:2256	0	0	0	0	0	14.82	1.94	0	0.0
20070827:2356	0	0	0	0	0	14.4	1.88	0	0.0
20070828:0056	0	0	0	0	0	13.99	1.82	0	0.0
20070828:0156	0	0	0	0	0	13.49	1.74	0	0.0
20070828:0256	0	0	0	0	0	12.98	1.66	0	0.0
20070828:0356	0	0	0	0	0	12.48	1.57	0	0.0
20070828:0456	0	0	0	0	0	12.4	1.51	0	0.0
20070828:0556	0.51	0	6.62	0.18	6.74	12.31	1.45	0	0.2
20070828:0656	62.8	2.08	75.9	2.14	15.81	12.23	1.39	0	18.7
20070828:0756	84	0.07	99.19	2.76	24.72	13.07	1.62	0	25.0
20070828:0856	218.24	24.18	206.62	6.06	33	13.92	1.85	0	64.9
20070828:0956	341.2	72.91	280.25	8.69	40.03	14.76	2.08	0	101.5
20070828:1056	438.52	125.23	327.98	10.68	45	15.21	2.1	0	130.5
20070828:1156	205.53	1.97	218.26	6.1	47.06	15.65	2.11	0	61.1
20070828:1256	215.42	4.02	226.38	6.36	45.76	16.1	2.12	0	64.1
20070828:1356	54.37	0	70.36	1.96	41.39	16.22	1.82	0	16.2
20070828:1456	93.44	0	110.1	3.06	34.75	16.34	1.51	0	27.8
20070828:1556	77.22	0	93.87	2.61	26.69	16.45	1.2	0	23.0
20070828:1656	119.31	23.98	117	4.08	17.88	16.28	1.06	0	35.5
20070828:1756	0	0	3.53	0.11	8.81	16.1	0.91	0	0.0
20070828:1856	0	0	0	0	0	15.93	0.77	0	0.0
20070828:1956	0	0	0	0	0	14.86	1.09	0	0.0
20070828:2056	0	0	0	0	0	13.8	1.42	0	0.0
20070828:2156	0	0	0	0	0	12.73	1.74	0	0.0
20070828:2256	0	0	0	0	0	12.21	1.45	0	0.0
20070828:2356	0	0	0	0	0	11.7	1.16	0	0.0
20070829:0056	0	0	0	0	0	11.18	0.87	0	0.0
20070829:0156	0	0	0	0	0	11.01	1.1	0	0.0
20070829:0256	0	0	0	0	0	10.85	1.33	0	0.0
20070829:0356	0	0	0	0	0	10.68	1.56	0	0.0
20070829:0456	0	0	0	0	0	10.88	1.6	0	0.0
20070829:0556	39.1	33.99	35.29	1.8	6.51	11.09	1.65	0	11.6
20070829:0656	254.79	195.48	83.41	5.43	15.58	11.29	1.7	0	75.8

20070829:0756	501.87	395.05	118.91	9.3	24.48	12.38	2.27	0	149.3
20070829:0856	702.42	580.58	142.34	12.77	32.74	13.48	2.85	0	209.0
20070829:0956	845.83	726.39	156.68	15.54	39.74	14.57	3.42	0	240.0
20070829:1056	268.15	17.81	262.57	7.53	44.68	15.37	3.36	0	79.8
20070829:1156	243.54	8.01	249.31	7.04	46.71	16.16	3.3	0	72.5
20070829:1256	409.43	96.77	327.29	10.4	45.4	16.96	3.24	0	121.8
20070829:1356	489.8	197.32	309.71	11.52	41.03	17.28	3.22	0	145.7
20070829:1456	123.85	0.06	140.64	3.91	34.4	17.6	3.2	0	36.8
20070829:1556	162.72	55.4	125.14	4.69	26.36	17.91	3.17	0	48.4
20070829:1656	145.42	76.76	101.51	5.47	17.55	17.45	2.89	0	43.3
20070829:1756	24.17	0	38.01	1.14	8.48	17	2.61	0	7.2
20070829:1856	0	0	0	0	0	16.54	2.33	0	0.0
20070829:1956	0	0	0	0	0	15.34	2.15	0	0.0
20070829:2056	0	0	0	0	0	14.15	1.97	0	0.0
20070829:2156	0	0	0	0	0	12.95	1.79	0	0.0
20070829:2256	0	0	0	0	0	12.69	2.29	0	0.0
20070829:2356	0	0	0	0	0	12.43	2.8	0	0.0
20070830:0056	0	0	0	0	0	12.17	3.3	0	0.0
20070830:0156	0	0	0	0	0	12.09	3.54	0	0.0
20070830:0256	0	0	0	0	0	12	3.77	0	0.0
20070830:0356	0	0	0	0	0	11.92	4.01	0	0.0
20070830:0456	0	0	0	0	0	12.51	4.47	0	0.0
20070830:0556	36.24	31.66	33.85	1.66	6.27	13.11	4.93	0	10.8
20070830:0656	247.68	189.66	81.88	5.23	15.34	13.7	5.39	0	73.7
20070830:0756	305.03	132.47	181.14	6.71	24.24	14.64	6.24	0	90.7
20070830:0856	696.71	563.45	139.75	12.36	32.48	15.57	7.09	0	207.3
20070830:0956	845.23	706.33	154.14	15.08	39.45	16.51	7.93	0	240.0
20070830:1056	487.25	166.91	328.69	11.18	44.35	17.12	7.26	0	145.0
20070830:1156	934.62	810.91	161.68	17.53	46.36	17.72	6.59	0	240.0
20070830:1256	881.12	762.48	156.51	17.06	45.03	18.33	5.92	0	240.0
20070830:1356	767.62	650.63	145.17	15.47	40.67	18.99	5.74	0	228.4
20070830:1456	260.01	45.34	230.51	7.17	34.06	19.65	5.57	0	77.4
20070830:1556	205.83	45.44	179.02	5.92	26.02	20.3	5.39	0	61.2
20070830:1656	142.12	116.95	67.93	5.91	17.22	19.61	5.23	0	42.3
20070830:1756	22.11	0	35.9	1.08	8.15	18.91	5.06	0	6.6
20070830:1856	0	0	0	0	0	18.22	4.9	0	0.0
20070830:1956	0	0	0	0	0	17.26	5.04	0	0.0
20070830:2056	0	0	0	0	0	16.3	5.19	0	0.0
20070830:2156	0	0	0	0	0	15.34	5.34	0	0.0
20070830:2256	0	0	0	0	0	14.94	5.37	0	0.0
20070830:2356	0	0	0	0	0	14.55	5.39	0	0.0
20070831:0056	0	0	0	0	0	14.15	5.42	0	0.0
20070831:0156	0	0	0	0	0	13.82	5.12	0	0.0
20070831:0256	0	0	0	0	0	13.49	4.82	0	0.0
20070831:0356	0	0	0	0	0	13.16	4.52	0	0.0
20070831:0456	0	0	0	0	0	13.42	4.99	0	0.0
20070831:0556	34.47	30.27	32.82	1.57	6.04	13.67	5.45	0	10.3
20070831:0656	244.49	187.06	81.24	5.11	15.11	13.93	5.92	0	72.7
20070831:0756	349.16	180.39	175.93	7.19	23.99	14.53	6.57	0	103.9
20070831:0856	625.77	435.7	193.43	11.39	32.21	15.13	7.21	0	186.2
20070831:0956	478.57	185.35	297.17	10.48	39.16	15.73	7.86	0	142.4
20070831:1056	675.6	364.16	321	13.58	44.03	16.68	7.85	0	201.0
20070831:1156	540.37	205.39	344.3	12.16	46	17.63	7.84	0	160.8
20070831:1256	191.93	1.54	205.83	5.75	44.67	18.58	7.83	0	57.1
20070831:1356	296.24	42.51	266.72	8.04	40.31	18.75	7.68	0	88.1
20070831:1456	240.59	32.68	222.39	6.73	33.71	18.91	7.52	0	71.6
20070831:1556	283.01	122.06	178.46	7.48	25.68	19.07	7.37	0	84.2
20070831:1656	55.94	0.36	72.16	2.02	16.89	18.57	6.99	0	16.6
20070831:1756	25.22	0	39.3	1.18	7.82	18.06	6.62	0	7.5
20070831:1856	0	0	0	0	0	17.55	6.25	0	0.0
20070831:1956	0	0	0	0	0	16.89	6.15	0	0.0
20070831:2056	0	0	0	0	0	16.23	6.06	0	0.0
20070831:2156	0	0	0	0	0	15.57	5.96	0	0.0
20070831:2256	0	0	0	0	0	15.45	5.88	0	0.0
20070831:2356	0	0	0	0	0	15.33	5.8	0	0.0
20070901:0056	0	0	0	0	0	15.21	5.72	0	0.0
20070901:0156	0	0	0	0	0	15.12	5.56	0	0.0
20070901:0256	0	0	0	0	0	15.04	5.4	0	0.0
20070901:0356	0	0	0	0	0	14.95	5.24	0	0.0
20070901:0456	0	0	0	0	0	14.77	5.05	0	0.0
20070901:0556	33.51	28.41	32.97	1.5	5.8	14.59	4.86	0	10.0
20070901:0656	202.58	123.25	100.89	4.51	14.87	14.4	4.66	0	60.3
20070901:0756	489.08	377.05	122.33	8.84	23.75	14.92	4.77	0	145.5
20070901:0856	177.22	10	180.88	5.16	31.95	15.43	4.87	0	52.7
20070901:0956	201.82	7.21	208.06	5.88	38.86	15.94	4.98	0	60.0
20070901:1056	446.88	132.69	324.64	10.6	43.69	16.63	5.19	0	132.9
20070901:1156	383.83	77.98	317.45	9.8	45.64	17.31	5.39	0	114.2
20070901:1256	561.09	242.71	333.67	12.51	44.3	18	5.6	0	166.9
20070901:1356	504.25	220.84	298.59	11.5	39.94	18.61	5.32	0	150.0
20070901:1456	238.49	33.14	221.28	6.7	33.35	19.23	5.05	0	71.0
20070901:1556	287.8	133.62	174.77	7.6	25.34	19.84	4.77	0	85.6
20070901:1656	93.79	11.21	102.72	3.23	16.55	19.32	4.46	0	27.9
20070901:1756	12.27	0	24.11	0.73	7.49	18.79	4.14	0	3.7
20070901:1856	0	0	0	0	0	18.27	3.82	0	0.0
20070901:1956	0	0	0	0	0	17.55	3.8	0	0.0
20070901:2056	0	0	0	0	0	16.83	3.77	0	0.0
20070901:2156	0	0	0	0	0	16.12	3.75	0	0.0
20070901:2256	0	0	0	0	0	15.5	3.68	0	0.0
20070901:2356	0	0	0	0	0	14.88	3.6	0	0.0
20070902:0056	0	0	0	0	0	14.26	3.53	0	0.0
20070902:0156	0	0	0	0	0	13.77	3.82	0	0.0
20070902:0256	0	0	0	0	0	13.27	4.11	0	0.0
20070902:0356	0	0	0	0	0	12.78	4.4	0	0.0
20070902:0456	0	0	0	0	0	12.91	4.54	0	0.0
20070902:0556	1.6	0	8.73	0.24	5.56	13.04	4.68	0	0.5
20070902:0656	84.91	13.49	87.38	2.61	14.64	13.17	4.81	0	25.3
20070902:0756	408.3	257.12	158.58	7.76	23.5	14.47	5.54	0	121.5
20070902:0856	471.03	237.7	239.32	9.51	31.68	15.77	6.27	0	140.1
20070902:0956	550.51	267.08	292.17	11.32	38.56	17.07	6.99	0	163.8
20070902:1056	589.31	275.17	325.84	12.41	43.36	17.75	7.14	0	175.3
20070902:1156	450.16	132.43	328.97	10.78	45.28	18.42	7.3	0	133.9
20070902:1256	183.86	1.36	198.66	5.54	43.92	19.1	7.45	0	54.7
20070902:1356	220.4	12.5	223.17	6.39	39.58	19.19	7.71	0	65.6
20070902:1456	95.53	0	112.87	3.14	33	19.29	7.96	0	28.4
20070902:1556	5.36	0	14.91	0.41	25	19.38	8.22	0	1.6
20070902:1656	13.46	0	25.62	0.71	16.21	18.68	7.68	0	4.0
20070902:1756	8.35	0	18.96	0.57	7.15	17.99	7.14	0	2.5

20070902:1856	0	0	0	0	0	17.29	6.61	0	0.0
20070902:1956	0	0	0	0	0	16.63	6.31	0	0.0
20070902:2056	0	0	0	0	0	15.97	6.02	0	0.0
20070902:2156	0	0	0	0	0	15.32	5.72	0	0.0
20070902:2256	0	0	0	0	0	14.88	5.62	0	0.0
20070902:2356	0	0	0	0	0	14.45	5.51	0	0.0
20070903:0056	0	0	0	0	0	14.01	5.41	0	0.0
20070903:0156	0	0	0	0	0	13.63	5.63	0	0.0
20070903:0256	0	0	0	0	0	13.25	5.86	0	0.0
20070903:0356	0	0	0	0	0	12.87	6.08	0	0.0
20070903:0456	0	0	0	0	0	12.56	5.99	0	0.0
20070903:0556	28.34	28.71	26.72	1.4	5.32	12.26	5.9	0	8.4
20070903:0656	70.27	5.86	79.47	2.29	14.4	11.95	5.81	0	20.9
20070903:0756	331.93	154.48	182.51	6.88	23.25	12.63	6.14	0	98.7
20070903:0856	372.87	128.49	247.26	8.32	31.41	13.3	6.47	0	110.9
20070903:0956	606.64	309.03	299.36	11.98	38.26	13.97	6.8	0	180.5
20070903:1056	486.61	159.02	331.63	11.06	43.03	14.76	6.62	0	144.8
20070903:1156	546.35	205.17	347.9	12.15	44.92	15.54	6.43	0	162.5
20070903:1256	262.52	16.85	257.31	7.38	43.55	16.33	6.25	0	78.1
20070903:1356	289.29	38.72	261.44	7.82	39.21	16.31	5.83	0	86.1
20070903:1456	252.81	40.08	224.78	6.89	32.64	16.29	5.42	0	75.2
20070903:1556	372.35	270.77	120.29	9.1	24.65	16.27	5.01	0	110.8
20070903:1656	131.05	71.41	91.71	4.9	15.87	15.71	4.48	0	39.0
20070903:1756	11.35	0	22.65	0.68	6.81	15.16	3.96	0	3.4
20070903:1856	0	0	0	0	0	14.6	3.43	0	0.0
20070903:1956	0	0	0	0	0	13.47	3.18	0	0.0
20070903:2056	0	0	0	0	0	12.34	2.93	0	0.0
20070903:2156	0	0	0	0	0	11.21	2.68	0	0.0
20070903:2256	0	0	0	0	0	10.56	2.62	0	0.0
20070903:2356	0	0	0	0	0	9.91	2.57	0	0.0
20070904:0056	0	0	0	0	0	9.26	2.51	0	0.0
20070904:0156	0	0	0	0	0	8.69	2.39	0	0.0
20070904:0256	0	0	0	0	0	8.11	2.26	0	0.0
20070904:0356	0	0	0	0	0	7.53	2.14	0	0.0
20070904:0456	0	0	0	0	0	7.35	2.2	0	0.0
20070904:0556	26.95	26.57	25.63	1.29	5.09	7.18	2.27	0	8.0
20070904:0656	193.39	106.87	101.72	4.16	14.16	7	2.33	0	57.5
20070904:0756	153.1	18.72	144.96	4.25	23	9.21	3.01	0	45.5
20070904:0856	383.8	142.23	244.16	8.37	31.14	11.41	3.69	0	114.2
20070904:0956	846.46	706.28	164.77	14.82	37.96	13.61	4.37	0	240.0
20070904:1056	926.86	795.6	172.79	16.67	42.69	14.54	4.29	0	240.0
20070904:1156	938.56	814.33	173.45	17.35	44.55	15.46	4.2	0	240.0
20070904:1256	885.49	763.18	167.53	16.84	43.17	16.39	4.11	0	240.0
20070904:1356	770.75	648.6	154.99	15.2	38.83	16.77	3.79	0	229.3
20070904:1456	597.54	484.11	135.04	12.56	32.28	17.16	3.48	0	177.8
20070904:1556	374.19	292.36	106.52	9.18	24.3	17.54	3.16	0	111.3
20070904:1656	131.67	105.12	68.18	5.35	15.53	16.95	2.75	0	39.2
20070904:1756	17.94	0	30.75	0.93	6.46	16.37	2.34	0	5.3
20070904:1856	0	0	0	0	0	15.78	1.93	0	0.0
20070904:1956	0	0	0	0	0	15.16	1.56	0	0.0
20070904:2056	0	0	0	0	0	14.55	1.2	0	0.0
20070904:2156	0	0	0	0	0	13.94	0.83	0	0.0
20070904:2256	0	0	0	0	0	14.05	1.36	0	0.0
20070904:2356	0	0	0	0	0	14.15	1.89	0	0.0
20070905:0056	0	0	0	0	0	14.26	2.41	0	0.0
20070905:0156	0	0	0	0	0	14.07	2.67	0	0.0
20070905:0256	0	0	0	0	0	13.88	2.93	0	0.0
20070905:0356	0	0	0	0	0	13.69	3.19	0	0.0
20070905:0456	0	0	0	0	0	13.91	3.43	0	0.0
20070905:0556	22.65	22.35	24.12	1.12	4.85	14.13	3.68	0	6.7
20070905:0656	64.28	6.44	73.84	2.13	13.92	14.34	3.93	0	19.1
20070905:0756	130.76	13.29	132.61	3.85	22.75	15.42	4.42	0	38.9
20070905:0856	411.32	185.47	235.52	8.65	30.86	16.49	4.91	0	122.4
20070905:0956	465.29	190.53	286.43	10.12	37.65	17.57	5.39	0	138.4
20070905:1056	567.66	264.8	320.18	12.02	42.35	18.52	5.46	0	168.9
20070905:1156	903.19	784.38	169.79	16.7	44.19	19.48	5.52	0	240.0
20070905:1256	219.79	8.9	228.27	6.47	42.79	20.43	5.59	0	65.4
20070905:1356	645.33	438.04	234.45	13.22	38.46	20.73	5.51	0	192.0
20070905:1456	410.85	201.38	228.07	9.56	31.91	21.04	5.43	0	122.2
20070905:1556	86.68	0.54	104.53	2.92	23.94	21.34	5.35	0	25.8
20070905:1656	121.82	98	66.24	5.03	15.18	20.77	4.73	0	36.2
20070905:1756	15.8	0	28.61	0.86	6.12	20.21	4.1	0	4.7
20070905:1856	0	0	0	0	0	19.64	3.48	0	0.0
20070905:1956	0	0	0	0	0	18.97	3.42	0	0.0
20070905:2056	0	0	0	0	0	18.3	3.37	0	0.0
20070905:2156	0	0	0	0	0	17.63	3.31	0	0.0
20070905:2256	0	0	0	0	0	17.28	3.39	0	0.0
20070905:2356	0	0	0	0	0	16.93	3.48	0	0.0
20070906:0056	0	0	0	0	0	16.58	3.56	0	0.0
20070906:0156	0	0	0	0	0	15.98	3.46	0	0.0
20070906:0256	0	0	0	0	0	15.37	3.36	0	0.0
20070906:0356	0	0	0	0	0	14.76	3.26	0	0.0
20070906:0456	0	0	0	0	0	14.73	3.41	0	0.0
20070906:0556	21.28	21.46	23.12	1.05	4.6	14.71	3.57	0	6.3
20070906:0656	226.22	170.59	80.8	4.46	13.67	14.68	3.72	0	67.3
20070906:0756	208.87	61.67	160.89	5.15	22.49	15.96	4.26	0	62.1
20070906:0856	236.86	44.08	206.33	6.23	30.59	17.24	4.79	0	70.5
20070906:0956	352.82	95.18	270.93	8.59	37.35	18.52	5.32	0	105.0
20070906:1056	401.81	112.75	304.95	9.76	42.01	19.5	5.08	0	119.5
20070906:1156	325.08	53.63	288.92	8.68	43.82	20.48	4.83	0	96.7
20070906:1256	194.3	3.96	209.33	5.88	42.41	21.46	4.58	0	57.8
20070906:1356	370.39	111.74	278.87	9.27	38.08	21.62	4.31	0	110.2
20070906:1456	414.78	213.68	223.76	9.62	31.55	21.79	4.05	0	123.4
20070906:1556	347.21	274.63	103.42	8.59	23.59	21.95	3.78	0	103.3
20070906:1656	118.59	96.05	65.58	4.91	14.83	21.3	3.18	0	35.3
20070906:1756	14.6	0	27.19	0.82	5.77	20.65	2.58	0	4.3
20070906:1856	0	0	0	0	0	20	1.99	0	0.0
20070906:1956	0	0	0	0	0	18.74	1.9	0	0.0
20070906:2056	0	0	0	0	0	17.48	1.82	0	0.0
20070906:2156	0	0	0	0	0	16.23	1.74	0	0.0
20070906:2256	0	0	0	0	0	15.85	1.91	0	0.0
20070906:2356	0	0	0	0	0	15.46	2.09	0	0.0
20070907:0056	0	0	0	0	0	15.08	2.26	0	0.0
20070907:0156	0	0	0	0	0	14.54	2.23	0	0.0
20070907:0256	0	0	0	0	0	14	2.2	0	0.0
20070907:0356	0	0	0	0	0	13.46	2.17	0	0.0
20070907:0456	0	0	0	0	0	13.34	1.96	0	0.0

20070907:0556	20.57	21.19	22.29	1	4.36	13.23	1.75	0	6.1
20070907:0656	96.71	26.25	87.61	2.73	13.43	13.11	1.54	0	28.8
20070907:0756	125.46	11.29	129.57	3.73	22.24	14.58	1.69	0	37.3
20070907:0856	495.79	356.65	156.85	9.02	30.31	16.04	1.83	0	147.5
20070907:0956	795.65	692.43	163.73	14.31	37.04	17.5	1.97	0	236.7
20070907:1056	869.22	776.67	171.37	16.06	41.66	18.4	2.17	0	240.0
20070907:1156	882.72	794.3	171.96	16.71	43.44	19.3	2.37	0	240.0
20070907:1256	835.49	742.79	165.97	16.19	42.03	20.2	2.57	0	240.0
20070907:1356	729.56	630.8	153.25	14.59	37.7	20.59	2.5	0	217.0
20070907:1456	564.25	467.44	132.88	11.96	31.18	20.99	2.44	0	167.9
20070907:1556	349.04	277.99	103.88	8.61	23.23	21.38	2.37	0	103.8
20070907:1656	118	96.06	65.37	4.88	14.48	20.67	2.24	0	35.1
20070907:1756	13.63	0	25.93	0.78	5.42	19.96	2.11	0	4.1
20070907:1856	0	0	0	0	0	19.25	1.99	0	0.0
20070907:1956	0	0	0	0	0	17.98	2.21	0	0.0
20070907:2056	0	0	0	0	0	16.72	2.44	0	0.0
20070907:2156	0	0	0	0	0	15.46	2.66	0	0.0
20070907:2256	0	0	0	0	0	14.93	2.63	0	0.0
20070907:2356	0	0	0	0	0	14.41	2.6	0	0.0
20070908:0056	0	0	0	0	0	13.88	2.57	0	0.0
20070908:0156	0	0	0	0	0	13.54	2.54	0	0.0
20070908:0256	0	0	0	0	0	13.19	2.52	0	0.0
20070908:0356	0	0	0	0	0	12.84	2.5	0	0.0
20070908:0456	0	0	0	0	0	12.7	2.67	0	0.0
20070908:0556	18.89	19.68	21.09	0.91	4.12	12.56	2.85	0	5.6
20070908:0656	226.96	169.73	80.42	4.31	13.19	12.42	3.02	0	67.5
20070908:0756	339.67	184.31	164.81	6.62	21.98	13.81	3.54	0	101.1
20070908:0856	196.53	22.88	186.65	5.45	30.03	15.19	4.07	0	58.5
20070908:0956	182.91	6.05	191.49	5.4	36.73	16.57	4.59	0	54.4
20070908:1056	211.04	7.05	218.85	6.17	41.32	17.32	4.36	0	62.8
20070908:1156	155.18	0	171.78	4.78	43.07	18.07	4.13	0	46.2
20070908:1256	220.9	9.35	228.03	6.46	41.64	18.82	3.9	0	65.7
20070908:1356	197.58	8.75	205.64	5.84	37.32	18.9	3.75	0	58.8
20070908:1456	203.95	24.01	196.75	5.84	30.81	18.98	3.6	0	60.7
20070908:1556	176.37	37.78	157.21	5.07	22.87	19.06	3.45	0	52.5
20070908:1656	47.63	0.73	63.36	1.78	14.13	18.64	3.14	0	14.2
20070908:1756	10.27	0	21.52	0.65	5.07	18.22	2.82	0	3.1
20070908:1856	0	0	0	0	0	17.8	2.51	0	0.0
20070908:1956	0	0	0	0	0	17.39	2.53	0	0.0
20070908:2056	0	0	0	0	0	16.99	2.55	0	0.0
20070908:2156	0	0	0	0	0	16.59	2.57	0	0.0
20070908:2256	0	0	0	0	0	16.33	2.4	0	0.0
20070908:2356	0	0	0	0	0	16.06	2.24	0	0.0
20070909:0056	0	0	0	0	0	15.8	2.08	0	0.0
20070909:0156	0	0	0	0	0	14.74	1.91	0	0.0
20070909:0256	0	0	0	0	0	13.67	1.73	0	0.0
20070909:0356	0	0	0	0	0	12.61	1.56	0	0.0
20070909:0456	0	0	0	0	0	12.5	1.65	0	0.0
20070909:0556	4.46	0.4	13.07	0.37	3.88	12.39	1.73	0	1.3
20070909:0656	57.45	5.18	67.6	1.94	12.94	12.27	1.82	0	17.1
20070909:0756	353.47	201.88	163.43	6.75	21.73	13.86	2.19	0	105.2
20070909:0856	665.67	544.79	147.46	11.35	29.75	15.44	2.57	0	198.0
20070909:0956	802.99	687	163.69	14.05	36.42	17.02	2.94	0	238.9
20070909:1056	877.69	767.78	170.86	15.73	40.97	17.77	3.29	0	240.0
20070909:1156	333	59.58	289.13	8.73	42.7	18.51	3.65	0	99.1
20070909:1256	666.02	407.74	290.28	13.43	41.26	19.26	4	0	198.1
20070909:1356	432.42	171.83	277.85	10	36.94	19.33	4.16	0	128.6
20070909:1456	211.57	30.09	198.25	5.97	30.44	19.4	4.32	0	62.9
20070909:1556	168.2	34.84	151.96	4.87	22.51	19.47	4.48	0	50.0
20070909:1656	33.17	0.04	48.34	1.35	13.77	18.81	4.21	0	9.9
20070909:1756	7.7	0	18.11	0.55	4.71	18.14	3.94	0	2.3
20070909:1856	0	0	0	0	0	17.48	3.67	0	0.0
20070909:1956	0	0	0	0	0	16.76	3.99	0	0.0
20070909:2056	0	0	0	0	0	16.04	4.3	0	0.0
20070909:2156	0	0	0	0	0	15.32	4.62	0	0.0
20070909:2256	0	0	0	0	0	15.09	4.74	0	0.0
20070909:2356	0	0	0	0	0	14.87	4.87	0	0.0
20070910:0056	0	0	0	0	0	14.64	4.99	0	0.0
20070910:0156	0	0	0	0	0	14.44	5.29	0	0.0
20070910:0256	0	0	0	0	0	14.24	5.59	0	0.0
20070910:0356	0	0	0	0	0	14.04	5.89	0	0.0
20070910:0456	0	0	0	0	0	14.09	6.17	0	0.0
20070910:0556	15.6	17.22	18.69	0.77	3.63	14.14	6.46	0	4.6
20070910:0656	70.39	12.44	74.24	2.2	12.7	14.19	6.74	0	20.9
20070910:0756	481.26	365.44	121.62	7.92	21.47	14.73	7.25	0	143.2
20070910:0856	693.03	548.72	148.62	11.33	29.47	15.27	7.75	0	206.2
20070910:0956	844.76	691.93	164.85	14.05	36.1	15.81	8.25	0	240.0
20070910:1056	583.76	264.49	323.98	11.9	40.62	15.94	8.12	0	173.7
20070910:1156	868.53	634.97	251.4	15.55	42.32	16.08	8	0	240.0
20070910:1256	899.76	750.96	168.4	16.09	40.87	16.21	7.88	0	240.0
20070910:1356	774.95	633.54	155.22	14.4	36.55	16.86	7.49	0	230.5
20070910:1456	500.96	311.32	199.63	10.45	30.06	17.51	7.09	0	149.0
20070910:1556	355.44	273.98	103.97	8.32	22.14	18.16	6.7	0	105.7
20070910:1656	111.71	89.59	63.01	4.5	13.41	17.41	6.08	0	33.2
20070910:1756	4.91	0	14.1	0.42	4.36	16.65	5.45	0	1.5
20070910:1856	0	0	0	0	0	15.9	4.83	0	0.0
20070910:1956	0	0	0	0	0	15.12	4.66	0	0.0
20070910:2056	0	0	0	0	0	14.34	4.49	0	0.0
20070910:2156	0	0	0	0	0	13.56	4.32	0	0.0
20070910:2256	0	0	0	0	0	13.16	4.23	0	0.0
20070910:2356	0	0	0	0	0	12.77	4.13	0	0.0
20070911:0056	0	0	0	0	0	12.37	4.04	0	0.0
20070911:0156	0	0	0	0	0	11.53	3.64	0	0.0
20070911:0256	0	0	0	0	0	10.69	3.23	0	0.0
20070911:0356	0	0	0	0	0	9.85	2.83	0	0.0
20070911:0456	0	0	0	0	0	9.5	2.74	0	0.0
20070911:0556	15.54	17.85	17.81	0.73	3.39	9.15	2.66	0	4.6
20070911:0656	233.32	172.12	80.93	4.15	12.45	8.8	2.58	0	69.4
20070911:0756	488.23	370.33	122.98	7.93	21.21	10.66	3.12	0	145.2
20070911:0856	694.24	555.81	150.19	11.37	29.19	12.51	3.66	0	206.5
20070911:0956	837.93	700.43	166.56	14.11	35.79	14.36	4.19	0	240.0
20070911:1056	915.09	786.15	174.49	15.88	40.27	15.27	4.14	0	240.0
20070911:1156	925.01	802.55	174.94	16.51	41.94	16.18	4.08	0	240.0
20070911:1256	869.51	748.4	168.57	15.95	40.48	17.09	4.03	0	240.0
20070911:1356	747.45	626.99	154.61	14.19	36.17	17.43	3.67	0	222.4
20070911:1456	435.59	236.19	216.25	9.56	29.69	17.76	3.31	0	129.6
20070911:1556	344.84	268.8	103	8.12	21.78	18.1	2.95	0	102.6

20070911:1656	107.22	86.3	61.86	4.33	13.06	17.24	2.74	0	31.9
20070911:1756	8.54	0	19.12	0.58	4	16.39	2.54	0	2.5
20070911:1856	0	0	0	0	0	15.53	2.33	0	0.0
20070911:1956	0	0	0	0	0	14.56	2.3	0	0.0
20070911:2056	0	0	0	0	0	13.6	2.28	0	0.0
20070911:2156	0	0	0	0	0	12.64	2.25	0	0.0
20070911:2256	0	0	0	0	0	12.64	2.01	0	0.0
20070911:2356	0	0	0	0	0	12.65	1.78	0	0.0
20070912:0056	0	0	0	0	0	12.65	1.54	0	0.0
20070912:0156	0	0	0	0	0	12.54	1.69	0	0.0
20070912:0256	0	0	0	0	0	12.42	1.83	0	0.0
20070912:0356	0	0	0	0	0	12.3	1.97	0	0.0
20070912:0456	0	0	0	0	0	12.47	2.16	0	0.0
20070912:0556	12.8	15.27	16.23	0.64	3.14	12.65	2.34	0	3.8
20070912:0656	221.65	166.38	79.22	3.99	12.2	12.82	2.52	0	65.9
20070912:0756	467.58	360.36	120.85	7.68	20.95	14.06	2.73	0	139.1
20070912:0856	667.56	543.16	148.21	11.07	28.9	15.29	2.94	0	198.6
20070912:0956	806.36	685.8	164.62	13.76	35.47	16.52	3.14	0	239.9
20070912:1056	881.78	773.58	173.03	15.57	39.92	17.31	2.91	0	240.0
20070912:1156	558.73	258.7	326.26	11.96	41.56	18.09	2.69	0	166.2
20070912:1256	368.51	93.29	293.98	9.26	40.09	18.88	2.46	0	109.6
20070912:1356	172.28	4.57	185.77	5.23	35.78	19.27	2.24	0	51.3
20070912:1456	187.41	20.63	185.22	5.45	29.31	19.67	2.03	0	55.8
20070912:1556	224.14	92.96	154.25	5.93	21.41	20.06	1.82	0	66.7
20070912:1656	77.4	19.12	81.4	2.83	12.7	19.21	1.8	0	23.0
20070912:1756	7.04	0	17.22	0.52	3.64	18.35	1.77	0	2.1
20070912:1856	0	0	0	0	0	17.5	1.75	0	0.0
20070912:1956	0	0	0	0	0	16.52	1.86	0	0.0
20070912:2056	0	0	0	0	0	15.54	1.97	0	0.0
20070912:2156	0	0	0	0	0	14.56	2.08	0	0.0
20070912:2256	0	0	0	0	0	14.06	2.14	0	0.0
20070912:2356	0	0	0	0	0	13.57	2.2	0	0.0
20070913:0056	0	0	0	0	0	13.07	2.26	0	0.0
20070913:0156	0	0	0	0	0	12.98	2.04	0	0.0
20070913:0256	0	0	0	0	0	12.88	1.81	0	0.0
20070913:0356	0	0	0	0	0	12.78	1.59	0	0.0
20070913:0456	0	0	0	0	0	12.65	1.67	0	0.0
20070913:0556	11.03	13.77	14.84	0.56	2.89	12.53	1.76	0	3.3
20070913:0656	219.2	164.65	78.55	3.89	11.95	12.4	1.85	0	65.2
20070913:0756	466.86	360.97	121.23	7.61	20.68	13.65	2	0	138.9
20070913:0856	665.12	544.59	148.83	11.01	28.62	14.89	2.14	0	197.9
20070913:0956	801.45	687.59	165.35	13.71	35.15	16.14	2.29	0	238.4
20070913:1056	876.14	772.37	173.28	15.46	39.56	17.29	2.51	0	240.0
20070913:1156	523.3	223.35	324.24	11.46	41.18	18.45	2.74	0	155.7
20070913:1256	304.33	51.16	271.16	8.14	39.69	19.6	2.97	0	90.5
20070913:1356	138.9	0.49	156.57	4.36	35.39	19.74	3.17	0	41.3
20070913:1456	189.28	22.1	185.06	5.47	28.93	19.88	3.38	0	56.3
20070913:1556	174.22	67.66	127.32	4.75	21.04	20.02	3.59	0	51.8
20070913:1656	99.05	80.6	59.76	4.03	12.33	19.23	3.18	0	29.5
20070913:1756	4.18	0	13.09	0.39	3.28	18.45	2.77	0	1.2
20070913:1856	0	0	0	0	-5.7	17.66	2.36	0	0.0
20070913:1956	0	0	0	0	0	16.66	2.59	0	0.0
20070913:2056	0	0	0	0	0	15.66	2.82	0	0.0
20070913:2156	0	0	0	0	0	14.67	3.05	0	0.0
20070913:2256	0	0	0	0	0	14.45	3.34	0	0.0
20070913:2356	0	0	0	0	0	14.24	3.63	0	0.0
20070914:0056	0	0	0	0	0	14.02	3.92	0	0.0
20070914:0156	0	0	0	0	0	13.87	4.25	0	0.0
20070914:0256	0	0	0	0	0	13.71	4.59	0	0.0
20070914:0356	0	0	0	0	0	13.55	4.92	0	0.0
20070914:0456	0	0	0	0	0	13.76	5.32	0	0.0
20070914:0556	8.15	10.3	13.06	0.47	2.64	13.97	5.71	0	2.4
20070914:0656	160.52	97.08	84.05	3.22	11.7	14.18	6.11	0	47.8
20070914:0756	155.68	32.83	136.55	4.11	20.42	14.9	6.69	0	46.3
20070914:0856	287	84.3	211.35	6.68	28.33	15.61	7.28	0	85.4
20070914:0956	119.72	0	135.24	3.76	34.83	16.32	7.86	0	35.6
20070914:1056	405.97	117.19	296.62	9.44	39.21	16.9	7.6	0	120.8
20070914:1156	489.64	180.17	318.55	10.79	40.8	17.49	7.35	0	145.7
20070914:1256	364.96	88.4	287.56	9	39.3	18.07	7.09	0	108.6
20070914:1356	605.45	375.46	242.31	11.82	35	17.83	6.8	0	180.1
20070914:1456	186.56	20.84	180.52	5.32	28.55	17.58	6.51	0	55.5
20070914:1556	316.89	226.43	111.89	7.29	20.67	17.34	6.22	0	94.3
20070914:1656	96.12	77.03	58.4	3.86	11.97	16.71	5.5	0	28.6
20070914:1756	4.41	0	13.33	0.4	2.92	16.07	4.79	0	1.3
20070914:1856	0	0	0	0	0	15.44	4.07	0	0.0
20070914:1956	0	0	0	0	0	14.6	3.68	0	0.0
20070914:2056	0	0	0	0	0	13.76	3.29	0	0.0
20070914:2156	0	0	0	0	0	12.93	2.9	0	0.0
20070914:2256	0	0	0	0	0	12.22	2.71	0	0.0
20070914:2356	0	0	0	0	0	11.52	2.52	0	0.0
20070915:0056	0	0	0	0	0	10.81	2.33	0	0.0
20070915:0156	0	0	0	0	0	9.9	2.32	0	0.0
20070915:0256	0	0	0	0	0	8.99	2.3	0	0.0
20070915:0356	0	0	0	0	0	8.08	2.29	0	0.0
20070915:0456	0	0	0	0	0	7.62	2.06	0	0.0
20070915:0556	8.05	11.26	12	0.43	2.4	7.17	1.82	0	2.4
20070915:0656	222.19	162.69	77.79	3.72	11.45	6.71	1.59	0	66.1
20070915:0756	470.61	357.01	120.79	7.39	20.15	9.17	1.51	0	140.0
20070915:0856	666.15	540.69	148.8	10.77	28.04	11.63	1.43	0	198.2
20070915:0956	794.6	683.53	165.5	13.46	34.51	14.09	1.35	0	236.4
20070915:1056	871.77	763.36	172.84	15.12	38.85	15.12	2.06	0	240.0
20070915:1156	889.23	778.27	173.21	15.72	40.41	16.15	2.78	0	240.0
20070915:1256	841.24	723.36	166.68	15.14	38.91	17.18	3.49	0	240.0
20070915:1356	723.21	602.34	152.35	13.37	34.61	17.59	3.75	0	215.2
20070915:1456	547.92	437.41	130.61	10.72	28.17	18	4	0	163.0
20070915:1556	322.15	248.84	99.31	7.36	20.3	18.41	4.26	0	95.8
20070915:1656	91.72	73.98	57.21	3.7	11.61	17.5	3.62	0	27.3
20070915:1756	3.11	0	11.35	0.34	2.56	16.59	2.97	0	0.9
20070915:1856	0	0	0	0	0	15.68	2.33	0	0.0
20070915:1956	0	0	0	0	0	14.6	2.54	0	0.0
20070915:2056	0	0	0	0	0	13.52	2.74	0	0.0
20070915:2156	0	0	0	0	0	12.45	2.95	0	0.0
20070915:2256	0	0	0	0	0	11.99	3.09	0	0.0
20070915:2356	0	0	0	0	0	11.53	3.23	0	0.0
20070916:0056	0	0	0	0	0	11.07	3.37	0	0.0
20070916:0156	0	0	0	0	0	10.82	3.64	0	0.0
20070916:0256	0	0	0	0	0	10.56	3.92	0	0.0

20070916:0356	0	0	0	0	0	10.3	4.19	0	0.0
20070916:0456	0	0	0	0	0	10.36	4.38	0	0.0
20070916:0556	2.39	0	10	0.28	2.15	10.43	4.57	0	0.7
20070916:0656	206.11	151.81	74.37	3.47	11.19	10.49	4.76	0	61.3
20070916:0756	456.22	341.6	117.29	7.05	19.89	11.98	5.46	0	135.7
20070916:0856	663.99	520.97	145.23	10.35	27.75	13.46	6.16	0	197.5
20070916:0956	413.54	153.76	264.03	8.83	34.18	14.95	6.86	0	123.0
20070916:1056	781.14	539.42	256.76	13.53	38.49	16.03	7.09	0	232.4
20070916:1156	912.57	769.22	172.33	15.47	40.03	17.12	7.32	0	240.0
20070916:1256	794.46	598.79	217.42	14.15	38.51	18.2	7.56	0	236.4
20070916:1356	710.13	550.86	173.85	12.89	34.21	18.56	8.21	0	211.3
20070916:1456	551.09	432.63	130.1	10.54	27.79	18.91	8.86	0	163.9
20070916:1556	319.23	244.54	98.48	7.19	19.93	19.27	9.52	0	95.0
20070916:1656	87.03	70.18	55.73	3.52	11.24	18.53	8.93	0	25.9
20070916:1756	0.24	0	6.12	0.18	2.2	17.78	8.35	0	0.1
20070916:1856	0	0	0	0	0	17.04	7.77	0	0.0
20070916:1956	0	0	0	0	0	16.52	7.33	0	0.0
20070916:2056	0	0	0	0	0	16	6.89	0	0.0
20070916:2156	0	0	0	0	0	15.48	6.46	0	0.0
20070916:2256	0	0	0	0	0	14.85	5.73	0	0.0
20070916:2356	0	0	0	0	0	14.23	5.01	0	0.0
20070917:0056	0	0	0	0	0	13.6	4.29	0	0.0
20070917:0156	0	0	0	0	0	12.94	4.07	0	0.0
20070917:0256	0	0	0	0	0	12.27	3.85	0	0.0
20070917:0356	0	0	0	0	0	11.6	3.63	0	0.0
20070917:0456	0	0	0	0	0	11.36	3.63	0	0.0
20070917:0556	1.29	0	8.12	0.23	1.9	11.13	3.63	0	0.4
20070917:0656	101.48	41.35	77.01	2.45	10.94	10.89	3.63	0	30.2
20070917:0756	250.19	104.22	153.94	5.16	19.62	11.54	4.17	0	74.4
20070917:0856	179.3	19.58	170.55	4.93	27.46	12.18	4.71	0	53.3
20070917:0956	384.3	123.67	263.6	8.48	33.86	12.83	5.26	0	114.3
20070917:1056	551.32	245.17	308.8	11.03	38.13	13.23	5.39	0	164.0
20070917:1156	272.99	29.04	252.11	7.33	39.64	13.64	5.53	0	81.2
20070917:1256	296.25	44.89	258.97	7.71	38.11	14.04	5.67	0	88.1
20070917:1356	166.19	3.8	175.24	4.92	33.82	14.08	5.63	0	49.4
20070917:1456	87.85	0	103.08	2.87	27.4	14.12	5.59	0	26.1
20070917:1556	8.83	0	19.39	0.54	19.56	14.16	5.54	0	2.6
20070917:1656	0	0	4.96	0.14	10.88	13.17	5.61	0	0.0
20070917:1756	0	0	1.22	0.04	1.83	12.19	5.68	0	0.0
20070917:1856	0	0	0	0	0	11.2	5.75	0	0.0
20070917:1956	0	0	0	0	0	10.47	6.24	0	0.0
20070917:2056	0	0	0	0	0	9.74	6.73	0	0.0
20070917:2156	0	0	0	0	0	9.02	7.21	0	0.0
20070917:2256	0	0	0	0	0	8.81	7.48	0	0.0
20070917:2356	0	0	0	0	0	8.59	7.74	0	0.0
20070918:0056	0	0	0	0	0	8.38	8	0	0.0
20070918:0156	0	0	0	0	0	8.12	7.73	0	0.0
20070918:0256	0	0	0	0	0	7.86	7.47	0	0.0
20070918:0356	0	0	0	0	0	7.6	7.2	0	0.0
20070918:0456	0	0	0	0	0	7.22	6.92	0	0.0
20070918:0556	1.05	0	7.59	0.21	1.65	6.85	6.64	0	0.3
20070918:0656	226.27	163.85	77.9	3.53	10.69	6.47	6.36	0	67.3
20070918:0756	500.81	367.57	124.09	7.32	19.35	7.41	6.33	0	149.0
20070918:0856	722.89	556.64	153.12	10.78	27.16	8.34	6.3	0	215.1
20070918:0956	876.7	702.84	170.2	13.52	33.53	9.28	6.28	0	240.0
20070918:1056	960.28	791.42	178.67	15.33	37.77	10.26	6.04	0	240.0
20070918:1156	967.15	805.51	178.83	15.92	39.26	11.25	5.81	0	240.0
20070918:1256	860.71	706.45	165.39	14.57	37.72	12.23	5.57	0	240.0
20070918:1356	757.71	607.36	154.61	13.22	33.43	12.47	5.66	0	225.4
20070918:1456	473.98	286.42	189.34	9.31	27.02	12.72	5.74	0	141.0
20070918:1556	229.28	101.96	141.46	5.56	19.19	12.96	5.82	0	68.2
20070918:1656	73.19	30.61	67.4	2.68	10.51	12.39	4.8	0	21.8
20070918:1756	0.24	0	6.04	0.18	1.47	11.81	3.79	0	0.1
20070918:1856	0	0	0	0	0	11.24	2.77	0	0.0
20070918:1956	0	0	0	0	0	10.73	3.09	0	0.0
20070918:2056	0	0	0	0	0	10.23	3.42	0	0.0
20070918:2156	0	0	0	0	0	9.73	3.74	0	0.0
20070918:2256	0	0	0	0	0	9.53	4.4	0	0.0
20070918:2356	0	0	0	0	0	9.34	5.05	0	0.0
20070919:0056	0	0	0	0	0	9.14	5.71	0	0.0
20070919:0156	0	0	0	0	0	9.33	5.72	0	0.0
20070919:0256	0	0	0	0	0	9.52	5.73	0	0.0
20070919:0356	0	0	0	0	0	9.71	5.74	0	0.0
20070919:0456	0	0	0	0	0	9.92	6.04	0	0.0
20070919:0556	0	0	0.61	0.02	1.39	10.14	6.34	0	0.0
20070919:0656	102.97	46.17	73.47	2.36	10.43	10.35	6.65	0	30.6
20070919:0756	295.7	148.91	151.09	5.44	19.08	11.38	7.2	0	88.0
20070919:0856	139.04	6.71	144.73	4.09	26.87	12.4	7.74	0	41.4
20070919:0956	549.15	279.67	266.43	10.09	33.21	13.42	8.29	0	163.4
20070919:1056	825.97	597.29	233.44	13.58	37.41	14.23	8.53	0	240.0
20070919:1156	446.67	149.37	299.53	9.83	38.87	15.05	8.77	0	132.9
20070919:1256	416.77	135.29	285.68	9.39	37.32	15.86	9.01	0	124.0
20070919:1356	160.22	4.3	170.22	4.79	33.03	16.46	8.85	0	47.7
20070919:1456	263.01	77.61	196.72	6.47	26.63	17.05	8.68	0	78.2
20070919:1556	25.18	0	39.26	1.09	18.81	17.65	8.52	0	7.5
20070919:1656	29.42	0.7	43.42	1.23	10.14	17.07	8.26	0	8.8
20070919:1756	0	0	5.51	0.17	1.1	16.48	8	0	0.0
20070919:1856	0	0	0	0	0	15.9	7.74	0	0.0
20070919:1956	0	0	0	0	0	15.45	7.82	0	0.0
20070919:2056	0	0	0	0	0	15.01	7.9	0	0.0
20070919:2156	0	0	0	0	0	14.57	7.99	0	0.0
20070919:2256	0	0	0	0	0	14.44	7.98	0	0.0
20070919:2356	0	0	0	0	0	14.3	7.98	0	0.0
20070920:0056	0	0	0	0	0	14.17	7.97	0	0.0
20070920:0156	0	0	0	0	0	14.3	8	0	0.0
20070920:0256	0	0	0	0	0	14.42	8.02	0	0.0
20070920:0356	0	0	0	0	0	14.55	8.04	0	0.0
20070920:0456	0	0	0	0	0	14.56	7.93	0	0.0
20070920:0556	0	0	2.15	0.06	1.14	14.57	7.81	0	0.0
20070920:0656	30.28	1.43	43.09	1.21	10.17	14.57	7.7	0	9.0
20070920:0756	308.89	168.97	148.41	5.53	18.81	15.03	7.99	0	91.9
20070920:0856	135	6.78	142.68	4.03	26.57	15.49	8.28	0	40.2
20070920:0956	152.35	3.23	163.35	4.58	32.88	15.95	8.57	0	45.3
20070920:1056	277.16	40.92	246.26	7.25	37.05	16.53	8.65	0	82.5
20070920:1156	378.5	99.91	286.39	8.96	38.48	17.12	8.73	0	112.6
20070920:1256	361.86	95.9	274.98	8.66	36.92	17.7	8.81	0	107.7
20070920:1356	725.4	584.99	151.71	12.63	32.64	17.87	8.76	0	215.8

20070920:1456	466.65	303.12	173.22	9.08	26.25	18.04	8.7	0	138.8
20070920:1556	282.2	194.43	110.17	6.28	18.44	18.21	8.65	0	84.0
20070920:1656	21.43	0.09	34.92	0.97	9.78	17.53	7.84	0	6.4
20070920:1756	0	0	0.28	0.01	0.74	16.85	7.03	0	0.0
20070920:1856	0	0	0	0	0	16.17	6.22	0	0.0
20070920:1956	0	0	0	0	0	15.55	6.03	0	0.0
20070920:2056	0	0	0	0	0	14.94	5.84	0	0.0
20070920:2156	0	0	0	0	0	14.33	5.66	0	0.0
20070920:2256	0	0	0	0	0	14.26	5.68	0	0.0
20070920:2356	0	0	0	0	0	14.2	5.71	0	0.0
20070921:0056	0	0	0	0	0	14.13	5.74	0	0.0
20070921:0156	0	0	0	0	0	14.31	5.93	0	0.0
20070921:0256	0	0	0	0	0	14.49	6.11	0	0.0
20070921:0356	0	0	0	0	0	14.67	6.3	0	0.0
20070921:0456	0	0	0	0	0	14.7	6.45	0	0.0
20070921:0556	0	0	0.36	0.01	0.89	14.74	6.59	0	0.0
20070921:0656	3.73	0	12.28	0.34	9.91	14.77	6.73	0	1.1
20070921:0756	103.16	11.92	106.46	3.06	18.53	14.95	7.2	0	30.7
20070921:0856	62.71	0	78.3	2.18	26.27	15.13	7.66	0	18.7
20070921:0956	218.67	25.9	203.76	5.91	32.55	15.31	8.12	0	65.1
20070921:1056	162.46	2.03	174.43	4.87	36.69	16.11	8.87	0	48.3
20070921:1156	348	81.19	274.5	8.44	38.09	16.91	9.62	0	103.5
20070921:1256	99.41	0	115.85	3.22	36.52	17.71	10.37	0	29.6
20070921:1356	155.91	4.52	166.62	4.69	32.24	17.74	10.06	0	46.4
20070921:1456	121.96	4.07	134.02	3.78	25.86	17.77	9.76	0	36.3
20070921:1556	294.98	223.69	94.3	6.37	18.06	17.8	9.45	0	87.8
20070921:1656	42.37	7.48	53.01	1.66	9.41	17.19	8.44	0	12.6
20070921:1756	7.63	0	17.91	0.54	0.37	16.58	7.43	0	2.3
20070921:1856	0	0	0	0	0	15.97	6.43	0	0.0
20070921:1956	0	0	0	0	0	15.55	5.71	0	0.0
20070921:2056	0	0	0	0	0	15.14	5	0	0.0
20070921:2156	0	0	0	0	0	14.73	4.29	0	0.0
20070921:2256	0	0	0	0	0	14.34	3.72	0	0.0
20070921:2356	0	0	0	0	0	13.94	3.16	0	0.0
20070922:0056	0	0	0	0	0	13.55	2.59	0	0.0
20070922:0156	0	0	0	0	0	13.07	2.41	0	0.0
20070922:0256	0	0	0	0	0	12.59	2.23	0	0.0
20070922:0356	0	0	0	0	0	12.11	2.06	0	0.0
20070922:0456	0	0	0	0	0	11.8	1.97	0	0.0
20070922:0556	0	0	0.24	0.01	0.64	11.49	1.89	0	0.0
20070922:0656	191.6	143.16	70.76	2.96	9.66	11.18	1.81	0	57.0
20070922:0756	441.37	336.51	117.34	6.51	18.26	12.46	1.89	0	131.3
20070922:0856	270.44	84.81	196.39	6.15	25.97	13.73	1.96	0	80.5
20070922:0956	243.34	40.26	216.01	6.37	32.21	15.01	2.04	0	72.4
20070922:1056	379.42	116.5	276.29	8.75	36.32	15.87	2.38	0	112.9
20070922:1156	391.61	119.96	286.15	9.12	37.7	16.74	2.72	0	116.5
20070922:1256	340.61	89.12	266.19	8.32	36.12	17.6	3.06	0	101.3
20070922:1356	202.55	20.75	197.7	5.74	31.84	18.05	3.47	0	60.3
20070922:1456	255.38	80.85	190.27	6.28	25.48	18.51	3.87	0	76.0
20070922:1556	266.15	183.85	108.36	5.94	17.69	18.96	4.28	0	79.2
20070922:1656	67.02	55.27	48.44	2.71	9.04	18.31	3.97	0	19.9
20070922:1756	10.21	0	21.39	0.64	0.01	17.65	3.67	0	3.0
20070922:1856	0	0	0	0	0	17	3.37	0	0.0
20070922:1956	0	0	0	0	0	16.17	3.5	0	0.0
20070922:2056	0	0	0	0	0	15.34	3.64	0	0.0
20070922:2156	0	0	0	0	0	14.52	3.78	0	0.0
20070922:2256	0	0	0	0	0	14.13	3.9	0	0.0
20070922:2356	0	0	0	0	0	13.73	4.02	0	0.0
20070923:0056	0	0	0	0	0	13.34	4.14	0	0.0
20070923:0156	0	0	0	0	0	13.22	4.47	0	0.0
20070923:0256	0	0	0	0	0	13.09	4.81	0	0.0
20070923:0356	0	0	0	0	0	12.97	5.14	0	0.0
20070923:0456	0	0	0	0	0	12.83	5.39	0	0.0
20070923:0556	10.9	0	21.88	0.66	0.38	12.69	5.63	0	3.2
20070923:0656	192.87	143.9	70.82	2.9	9.4	12.54	5.88	0	57.4
20070923:0756	442.08	330.73	116.05	6.35	17.98	13.6	6.8	0	131.5
20070923:0856	655.84	511.92	145.81	9.63	25.67	14.66	7.73	0	195.1
20070923:0956	529.02	273.78	257.55	9.63	31.88	15.72	8.66	0	157.4
20070923:1056	418.49	146.79	277.88	9.06	35.96	16.72	8.49	0	124.5
20070923:1156	355.63	92.87	272.24	8.47	37.31	17.72	8.32	0	105.8
20070923:1256	171.13	4.67	182.33	5.12	35.72	18.72	8.15	0	50.9
20070923:1356	333.05	107.68	237.04	7.77	31.45	18.91	8.19	0	99.1
20070923:1456	203.94	45.34	173.96	5.39	25.09	19.1	8.23	0	60.7
20070923:1556	147.95	46.81	120.52	4.03	17.31	19.29	8.28	0	44.0
20070923:1656	12.12	0	23.95	0.67	8.67	18.69	7.94	0	3.6
20070923:1756	0	0	0	0	0	18.09	7.6	0	0.0
20070923:1856	0	0	0	0	0	17.49	7.26	0	0.0
20070923:1956	0	0	0	0	0	17.2	7.31	0	0.0
20070923:2056	0	0	0	0	0	16.91	7.37	0	0.0
20070923:2156	0	0	0	0	0	16.62	7.42	0	0.0
20070923:2256	0	0	0	0	0	16.6	7.74	0	0.0
20070923:2356	0	0	0	0	0	16.58	8.06	0	0.0
20070924:0056	0	0	0	0	0	16.56	8.37	0	0.0
20070924:0156	0	0	0	0	0	16.57	8.7	0	0.0
20070924:0256	0	0	0	0	0	16.57	9.03	0	0.0
20070924:0356	0	0	0	0	0	16.58	9.37	0	0.0
20070924:0456	0	0	0	0	0	16.4	10.02	0	0.0
20070924:0556	4.96	0	14.14	0.43	0.13	16.22	10.68	0	1.5
20070924:0656	0	0	3.99	0.11	9.14	16.03	11.34	0	0.0
20070924:0756	2.03	0	9.52	0.26	17.71	14.44	10.93	0	0.6
20070924:0856	6.09	0	15.62	0.43	25.37	12.85	10.53	0	1.8
20070924:0956	833.73	656.14	164.67	12.21	31.55	11.26	10.12	0	240.0
20070924:1056	937.8	757.56	176.44	14.2	35.59	12.14	9.94	0	240.0
20070924:1156	607.43	295.59	305.57	11.35	36.92	13.02	9.77	0	180.7
20070924:1256	877.82	709.93	169.2	14.1	35.32	13.9	9.59	0	240.0
20070924:1356	260.18	48.41	219.21	6.62	31.05	14.38	10.22	0	77.4
20070924:1456	186.77	30.75	167.7	5.04	24.71	14.85	10.85	0	55.6
20070924:1556	268.82	179.41	108.19	5.73	16.94	15.33	11.48	0	80.0
20070924:1656	62.61	51.14	46	2.47	8.31	14.55	10.27	0	18.6
20070924:1756	0	0	0	0	0	13.76	9.07	0	0.0
20070924:1856	0	0	0	0	0	12.98	7.86	0	0.0
20070924:1956	0	0	0	0	0	12.42	7.37	0	0.0
20070924:2056	0	0	0	0	0	11.86	6.89	0	0.0
20070924:2156	0	0	0	0	0	11.3	6.4	0	0.0
20070924:2256	0	0	0	0	0	11.08	6.18	0	0.0
20070924:2356	0	0	0	0	0	10.85	5.96	0	0.0
20070925:0056	0	0	0	0	0	10.63	5.74	0	0.0

20070925:0156	0	0	0	0	0	10.45	5.75	0	0.0
20070925:0256	0	0	0	0	0	10.26	5.77	0	0.0
20070925:0356	0	0	0	0	0	10.07	5.78	0	0.0
20070925:0456	0	0	0	0	0	10.06	5.79	0	0.0
20070925:0556	0	0	0	0	0	10.06	5.8	0	0.0
20070925:0656	187.52	138.53	68.67	2.7	8.87	10.05	5.81	0	55.8
20070925:0756	450.13	332.96	117.07	6.23	17.43	10.99	6.38	0	133.9
20070925:0856	330.37	130.12	202.05	6.61	25.07	11.92	6.96	0	98.3
20070925:0956	351.31	110.43	242.84	7.66	31.21	12.85	7.53	0	104.5
20070925:1056	106.64	0	121.07	3.37	35.22	13.49	6.91	0	31.7
20070925:1156	908.7	755.38	174.73	14.42	36.53	14.14	6.28	0	240.0
20070925:1256	165.99	3.08	176.31	4.94	34.92	14.78	5.66	0	49.4
20070925:1356	71.08	0	86.68	2.41	30.66	14.72	5.37	0	21.1
20070925:1456	181.09	29.61	164.37	4.92	24.32	14.66	5.09	0	53.9
20070925:1556	1.6	0	8.77	0.24	16.56	14.6	4.8	0	0.5
20070925:1656	59.52	48.93	44.6	2.34	7.94	13.74	4.56	0	17.7
20070925:1756	0	0	0	0	0	12.87	4.32	0	0.0
20070925:1856	0	0	0	0	0	12.01	4.08	0	0.0
20070925:1956	0	0	0	0	0	11.27	4.2	0	0.0
20070925:2056	0	0	0	0	0	10.53	4.32	0	0.0
20070925:2156	0	0	0	0	0	9.8	4.44	0	0.0
20070925:2256	0	0	0	0	0	9.64	4.9	0	0.0
20070925:2356	0	0	0	0	0	9.48	5.36	0	0.0
20070926:0056	0	0	0	0	0	9.32	5.82	0	0.0
20070926:0156	0	0	0	0	0	8.84	5.82	0	0.0
20070926:0256	0	0	0	0	0	8.36	5.82	0	0.0
20070926:0356	0	0	0	0	0	7.88	5.82	0	0.0
20070926:0456	0	0	0	0	0	7.66	6.18	0	0.0
20070926:0556	0	0	0	0	0	7.44	6.55	0	0.0
20070926:0656	109.95	59.58	66.34	2.1	8.61	7.22	6.91	0	32.7
20070926:0756	370.87	223.75	142.61	5.58	17.15	7.59	7.22	0	110.3
20070926:0856	372.47	156.7	208.83	6.96	24.76	7.96	7.53	0	110.8
20070926:0956	795.95	571.34	207.65	11.74	30.88	8.33	7.83	0	236.8
20070926:1056	730.26	431.76	282.16	11.99	34.86	8.84	8.23	0	217.3
20070926:1156	262.44	28.51	236.12	6.84	36.14	9.36	8.63	0	78.1
20070926:1256	284.06	43.9	241.25	7.14	34.52	9.87	9.03	0	84.5
20070926:1356	741.53	562.58	161.82	11.92	30.26	9.96	9.44	0	220.6
20070926:1456	177.19	25.12	160.5	4.76	23.94	10.04	9.85	0	52.7
20070926:1556	43.03	0	56.94	1.58	16.19	10.13	10.26	0	12.8
20070926:1656	0	0	3.42	0.1	7.57	9.68	10.01	0	0.0
20070926:1756	0	0	0	0	0	9.22	9.76	0	0.0
20070926:1856	0	0	0	0	0	8.77	9.5	0	0.0
20070926:1956	0	0	0	0	0	8.58	9.34	0	0.0
20070926:2056	0	0	0	0	0	8.39	9.17	0	0.0
20070926:2156	0	0	0	0	0	8.2	9.01	0	0.0
20070926:2256	0	0	0	0	0	8.2	8.74	0	0.0
20070926:2356	0	0	0	0	0	8.2	8.48	0	0.0
20070927:0056	0	0	0	0	0	8.2	8.22	0	0.0
20070927:0156	0	0	0	0	0	7.86	7.89	0	0.0
20070927:0256	0	0	0	0	0	7.51	7.57	0	0.0
20070927:0356	0	0	0	0	0	7.16	7.24	0	0.0
20070927:0456	0	0	0	0	0	7.18	7.22	0	0.0
20070927:0556	0	0	0	0	0	7.2	7.2	0	0.0
20070927:0656	104.84	56.72	64.14	2	8.35	7.21	7.19	0	31.2
20070927:0756	283.25	142.82	141.38	4.84	16.87	8.27	7.79	0	84.3
20070927:0856	548.75	336.83	198.79	8.35	24.46	9.32	8.4	0	163.3
20070927:0956	176.45	10.02	175.19	4.96	30.54	10.38	9.01	0	52.5
20070927:1056	224.18	19.37	211.47	6.06	34.49	11.32	8.91	0	66.7
20070927:1156	143.37	0.25	155.23	4.32	35.75	12.27	8.81	0	42.7
20070927:1256	112.23	0	126.2	3.51	34.12	13.21	8.72	0	33.4
20070927:1356	42.28	0	56.76	1.58	29.87	12.73	8.01	0	12.6
20070927:1456	184.62	33.01	161.81	4.88	23.55	12.26	7.31	0	54.9
20070927:1556	252.86	164.68	105.1	5.25	15.82	11.78	6.61	0	75.2
20070927:1656	52.99	43.5	41.37	2.06	7.21	11.33	6.08	0	15.8
20070927:1756	0	0	0	0	0	10.89	5.55	0	0.0
20070927:1856	0	0	0	0	0	10.44	5.02	0	0.0
20070927:1956	0	0	0	0	0	10.2	4.9	0	0.0
20070927:2056	0	0	0	0	0	9.96	4.78	0	0.0
20070927:2156	0	0	0	0	0	9.72	4.66	0	0.0
20070927:2256	0	0	0	0	0	9.71	4.74	0	0.0
20070927:2356	0	0	0	0	0	9.7	4.82	0	0.0
20070928:0056	0	0	0	0	0	9.69	4.9	0	0.0
20070928:0156	0	0	0	0	0	9.76	5.18	0	0.0
20070928:0256	0	0	0	0	0	9.82	5.47	0	0.0
20070928:0356	0	0	0	0	0	9.88	5.75	0	0.0
20070928:0456	0	0	0	0	0	9.92	5.86	0	0.0
20070928:0556	0	0	0	0	0	9.96	5.96	0	0.0
20070928:0656	171.56	127.04	64.2	2.37	8.08	9.99	6.07	0	51.0
20070928:0756	387.17	259.1	128.8	5.5	16.59	10.83	6.82	0	115.2
20070928:0856	63.18	0	77.69	2.16	24.15	11.66	7.58	0	18.8
20070928:0956	96.07	0	110.23	3.07	30.21	12.49	8.33	0	28.6
20070928:1056	88.13	0	102.65	2.85	34.12	12.82	8.42	0	26.2
20070928:1156	204.35	12.15	201.87	5.73	35.36	13.15	8.51	0	60.8
20070928:1256	41.07	0	55.67	1.55	33.72	13.48	8.61	0	12.2
20070928:1356	40.79	0	55.31	1.54	29.47	13.19	8.2	0	12.1
20070928:1456	4.85	0	13.86	0.39	23.17	12.89	7.79	0	1.4
20070928:1556	1.15	0	7.9	0.22	15.44	12.6	7.38	0	0.3
20070928:1656	0	0	3.07	0.09	6.84	12.45	7.25	0	0.0
20070928:1756	0	0	0	0	0	12.29	7.11	0	0.0
20070928:1856	0	0	0	0	0	12.14	6.98	0	0.0
20070928:1956	0	0	0	0	0	12.05	7.02	0	0.0
20070928:2056	0	0	0	0	0	11.96	7.05	0	0.0
20070928:2156	0	0	0	0	0	11.88	7.09	0	0.0
20070928:2256	0	0	0	0	0	11.92	6.68	0	0.0
20070928:2356	0	0	0	0	0	11.95	6.26	0	0.0
20070929:0056	0	0	0	0	0	11.99	5.85	0	0.0
20070929:0156	0	0	0	0	0	11.89	5.49	0	0.0
20070929:0256	0	0	0	0	0	11.78	5.13	0	0.0
20070929:0356	0	0	0	0	0	11.67	4.77	0	0.0
20070929:0456	0	0	0	0	0	11.61	4.7	0	0.0
20070929:0556	0	0	0	0	0	11.55	4.63	0	0.0
20070929:0656	43.8	14.13	45.14	1.31	7.82	11.48	4.57	0	13.0
20070929:0756	40.6	0	54.88	1.53	16.31	11.79	4.69	0	12.1
20070929:0856	443.05	244.54	199.49	7.37	23.85	12.09	4.81	0	131.8
20070929:0956	236.49	41.18	203.47	5.99	29.87	12.4	4.94	0	70.4
20070929:1056	398.66	133.63	268.11	8.54	33.75	12.86	4.97	0	118.6
20070929:1156	283.58	49.05	241.94	7.17	34.97	13.32	5.01	0	84.4

20070929:1256	344.36	95.97	254.27	7.95	33.32	13.78	5.05	0	102.4
20070929:1356	313.03	96.17	224.22	7.18	29.08	14.19	5	0	93.1
20070929:1456	79.94	0.15	95.34	2.65	22.79	14.59	4.96	0	23.8
20070929:1556	51.35	0.71	66.1	1.85	15.07	15	4.91	0	15.3
20070929:1656	19.37	2.17	30.94	0.9	6.48	14.17	4.29	0	5.8
20070929:1756	0	0	0	0	0	13.35	3.68	0	0.0
20070929:1856	0	0	0	0	0	12.52	3.06	0	0.0
20070929:1956	0	0	0	0	0	11.85	2.71	0	0.0
20070929:2056	0	0	0	0	0	11.19	2.35	0	0.0
20070929:2156	0	0	0	0	0	10.53	2	0	0.0
20070929:2256	0	0	0	0	0	10.01	2.15	0	0.0
20070929:2356	0	0	0	0	0	9.5	2.3	0	0.0
20070930:0056	0	0	0	0	0	8.98	2.46	0	0.0
20070930:0156	0	0	0	0	0	7.73	2.51	0	0.0
20070930:0256	0	0	0	0	0	6.47	2.57	0	0.0
20070930:0356	0	0	0	0	0	5.21	2.62	0	0.0
20070930:0456	0	0	0	0	0	5.24	2.39	0	0.0
20070930:0556	0	0	0	0	0	5.28	2.15	0	0.0
20070930:0656	168.98	123.88	62.54	2.2	7.55	5.31	1.92	0	50.3
20070930:0756	382.13	256.42	128.71	5.34	16.03	7.12	1.4	0	113.7
20070930:0856	542.35	365.65	186.28	8.18	23.54	8.92	0.89	0	161.3
20070930:0956	691.66	518.04	211.39	10.85	29.53	10.73	0.37	0	205.8
20070930:1056	697.14	484.24	255.02	11.73	33.38	11.84	0.46	0	207.4
20070930:1156	835.42	736.83	174.4	13.66	34.58	12.94	0.56	0	240.0
20070930:1256	500.12	250.03	271.81	9.89	32.92	14.05	0.65	0	148.8
20070930:1356	353.39	137.86	228.12	7.68	28.68	14.3	1.31	0	105.1
20070930:1456	279.2	117.09	174.96	6.11	22.4	14.54	1.97	0	83.1
20070930:1556	75.55	8.21	83.73	2.43	14.7	14.79	2.63	0	22.5
20070930:1656	14.65	1.15	25.98	0.74	6.11	13.84	2.51	0	4.4
20070930:1756	0	0	0	0	0	12.89	2.38	0	0.0
20070930:1856	0	0	0	0	0	11.94	2.25	0	0.0
20070930:1956	0	0	0	0	0	11.26	2.43	0	0.0
20070930:2056	0	0	0	0	0	10.58	2.62	0	0.0
20070930:2156	0	0	0	0	0	9.9	2.8	0	0.0
20070930:2256	0	0	0	0	0	9.7	2.97	0	0.0
20070930:2356	0	0	0	0	0	9.5	3.13	0	0.0
20071001:0056	0	0	0	0	0	9.3	3.3	0	0.0
20071001:0156	0	0	0	0	0	9.58	3.28	0	0.0
20071001:0256	0	0	0	0	0	9.86	3.26	0	0.0
20071001:0356	0	0	0	0	0	10.13	3.24	0	0.0
20071001:0456	0	0	0	0	0	10.13	3.31	0	0.0
20071001:0556	0	0	0	0	0	10.13	3.39	0	0.0
20071001:0656	38.73	12.87	40.8	1.18	7.29	10.13	3.46	0	11.5
20071001:0756	147.98	47.88	112.23	3.38	15.75	11.28	4.27	0	44.0
20071001:0856	121.14	8.01	126.6	3.58	23.23	12.44	5.07	0	36.0
20071001:0956	251.68	53.97	205.98	6.14	29.19	13.6	5.88	0	74.9
20071001:1056	73.7	0	89.14	2.48	33.01	14.38	6.06	0	21.9
20071001:1156	74.65	0	90.36	2.51	34.19	15.17	6.25	0	22.2
20071001:1256	10.36	0	21.49	0.6	32.53	15.95	6.44	0	3.1
20071001:1356	7.62	0	17.85	0.5	28.29	15.29	5.97	0	2.3
20071001:1456	81.07	0.63	95.97	2.68	22.02	14.62	5.49	0	24.1
20071001:1556	79.58	11.38	84.3	2.48	14.33	13.95	5.02	0	23.7
20071001:1656	17.37	3.11	28.03	0.83	5.75	13.23	4.6	0	5.2
20071001:1756	0	0	0	0	0	12.51	4.17	0	0.0
20071001:1856	0	0	0	0	0	11.78	3.75	0	0.0
20071001:1956	0	0	0	0	0	11.43	3.73	0	0.0
20071001:2056	0	0	0	0	0	11.08	3.71	0	0.0
20071001:2156	0	0	0	0	0	10.73	3.68	0	0.0
20071001:2256	0	0	0	0	0	10.71	3.49	0	0.0
20071001:2356	0	0	0	0	0	10.69	3.31	0	0.0
20071002:0056	0	0	0	0	0	10.67	3.12	0	0.0
20071002:0156	0	0	0	0	0	10.56	3.18	0	0.0
20071002:0256	0	0	0	0	0	10.45	3.25	0	0.0
20071002:0356	0	0	0	0	0	10.34	3.31	0	0.0
20071002:0456	0	0	0	0	0	10.36	3.39	0	0.0
20071002:0556	0	0	0	0	0	10.38	3.47	0	0.0
20071002:0656	9.34	0	19.78	0.55	7.02	10.4	3.54	0	2.8
20071002:0756	49.68	0.54	63.59	1.77	15.46	11.34	3.89	0	14.8
20071002:0856	93.35	1.56	106.21	2.97	22.92	12.28	4.24	0	27.8
20071002:0956	141.37	4.97	149.73	4.21	28.85	13.22	4.59	0	42.1
20071002:1056	303.48	72.64	239	7.22	32.64	14.14	4.38	0	90.3
20071002:1156	222.55	23.78	210.85	6.08	33.8	15.06	4.17	0	66.2
20071002:1256	114.97	0.08	130.77	3.64	32.13	15.98	3.96	0	34.2
20071002:1356	84.52	0	100.58	2.8	27.9	15.74	4.07	0	25.1
20071002:1456	60.56	0	76.37	2.12	21.64	15.49	4.18	0	18.0
20071002:1556	42.17	0.38	56.93	1.59	13.96	15.24	4.29	0	12.5
20071002:1656	0	0	2.37	0.07	5.39	14.48	3.72	0	0.0
20071002:1756	0	0	0	0	0	13.72	3.15	0	0.0
20071002:1856	0	0	0	0	0	12.96	2.58	0	0.0
20071002:1956	0	0	0	0	0	12.6	2.46	0	0.0
20071002:2056	0	0	0	0	0	12.23	2.33	0	0.0
20071002:2156	0	0	0	0	0	11.87	2.21	0	0.0
20071002:2256	0	0	0	0	0	11.71	2.05	0	0.0
20071002:2356	0	0	0	0	0	11.56	1.89	0	0.0
20071003:0056	0	0	0	0	0	11.4	1.72	0	0.0
20071003:0156	0	0	0	0	0	11.2	1.67	0	0.0
20071003:0256	0	0	0	0	0	10.99	1.62	0	0.0
20071003:0356	0	0	0	0	0	10.79	1.57	0	0.0
20071003:0456	0	0	0	0	0	10.94	1.38	0	0.0
20071003:0556	0	0	0	0	0	11.1	1.2	0	0.0
20071003:0656	53.98	8.38	60.98	1.69	6.75	11.25	1.01	0	16.1
20071003:0756	33.16	0	47.16	1.31	15.18	11.88	1.06	0	9.9
20071003:0856	69.36	0	84.53	2.35	22.61	12.51	1.12	0	20.6
20071003:0956	157.59	10.77	160.63	4.56	28.51	13.14	1.17	0	46.9
20071003:1056	215.93	25.79	203.55	5.88	32.28	14.07	1.1	0	64.2
20071003:1156	231.35	30.29	215.35	6.25	33.41	15.01	1.03	0	68.8
20071003:1256	117.34	0.17	133.72	3.72	31.74	15.95	0.95	0	34.9
20071003:1356	105.81	0.58	121.67	3.39	27.51	15.92	1.47	0	31.5
20071003:1456	72.72	0.32	88.69	2.47	21.26	15.89	1.98	0	21.6
20071003:1556	226.57	163.4	89.58	4.5	13.59	15.86	2.5	0	67.4
20071003:1656	5.71	0.07	15.18	0.42	5.03	15	2.45	0	1.7
20071003:1756	0	0	0	0	0	14.13	2.4	0	0.0
20071003:1856	0	0	0	0	0	13.26	2.34	0	0.0
20071003:1956	0	0	0	0	0	12.95	2.56	0	0.0
20071003:2056	0	0	0	0	0	12.65	2.78	0	0.0
20071003:2156	0	0	0	0	0	12.34	2.99	0	0.0
20071003:2256	0	0	0	0	0	12.23	3.35	0	0.0

20071003:2356	0	0	0	0	0	12.12	3.7	0	0.0
20071004:0056	0	0	0	0	0	12.01	4.06	0	0.0
20071004:0156	0	0	0	0	0	11.8	4.14	0	0.0
20071004:0256	0	0	0	0	0	11.59	4.22	0	0.0
20071004:0356	0	0	0	0	0	11.37	4.3	0	0.0
20071004:0456	0	0	0	0	0	10.84	4.11	0	0.0
20071004:0556	0	0	0	0	0	10.3	3.92	0	0.0
20071004:0656	135.49	97.92	57.44	1.77	6.48	9.77	3.72	0	40.3
20071004:0756	402.86	285.99	120.55	5.15	14.89	10.53	4.12	0	119.9
20071004:0856	623.46	464.99	159.97	8.37	22.3	11.29	4.51	0	185.5
20071004:0956	775.93	602.62	182.99	10.93	28.17	12.05	4.91	0	230.8
20071004:1056	857.78	685.02	194.58	12.59	31.91	13.07	4.91	0	240.0
20071004:1156	862.12	693.96	194.94	13.07	33.02	14.09	4.92	0	240.0
20071004:1256	795.52	633.39	185.55	12.36	31.34	15.11	4.92	0	236.7
20071004:1356	659.19	508.42	165.41	10.49	27.12	15.37	4.72	0	196.1
20071004:1456	465.7	343.98	134.57	7.77	20.89	15.63	4.51	0	138.5
20071004:1556	229.01	164.89	89.81	4.46	13.23	15.88	4.3	0	68.1
20071004:1656	23.68	21.8	25.47	1.12	4.67	14.64	3.7	0	7.0
20071004:1756	0	0	0	0	0	13.4	3.1	0	0.0
20071004:1856	0	0	0	0	0	12.16	2.5	0	0.0
20071004:1956	0	0	0	0	0	11.16	2.57	0	0.0
20071004:2056	0	0	0	0	0	10.17	2.64	0	0.0
20071004:2156	0	0	0	0	0	9.17	2.72	0	0.0
20071004:2256	0	0	0	0	0	8.55	2.65	0	0.0
20071004:2356	0	0	0	0	0	7.94	2.59	0	0.0
20071005:0056	0	0	0	0	0	7.33	2.52	0	0.0
20071005:0156	0	0	0	0	0	6.76	2.39	0	0.0
20071005:0256	0	0	0	0	0	6.19	2.26	0	0.0
20071005:0356	0	0	0	0	0	5.62	2.12	0	0.0
20071005:0456	0	0	0	0	0	5.33	2.18	0	0.0
20071005:0556	0	0	0	0	0	5.03	2.23	0	0.0
20071005:0656	127.78	90.64	54.22	1.64	6.21	4.74	2.29	0	38.0
20071005:0756	398.4	280.12	118.91	5	14.61	6.71	2.14	0	118.5
20071005:0856	611.43	458.36	158.75	8.2	21.99	8.69	2	0	181.9
20071005:0956	750.58	595.27	181.93	10.74	27.83	10.67	1.85	0	223.3
20071005:1056	817.68	669.03	191.93	12.26	31.54	12.38	1.96	0	240.0
20071005:1156	819.99	677.74	192.29	12.72	32.63	14.1	2.07	0	240.0
20071005:1256	756.04	617.71	182.99	12.02	30.95	15.81	2.18	0	224.9
20071005:1356	152.13	11.67	155.89	4.45	26.73	15.88	2.33	0	45.3
20071005:1456	90.83	3.36	103.78	2.92	20.51	15.94	2.47	0	27.0
20071005:1556	52.08	3.58	64.58	1.84	12.86	16	2.62	0	15.5
20071005:1656	19.68	17.81	23.23	0.96	4.32	14.55	2.45	0	5.9
20071005:1756	0	0	0	0	0	13.09	2.27	0	0.0
20071005:1856	0	0	0	0	0	11.63	2.1	0	0.0
20071005:1956	0	0	0	0	0	10.7	2.23	0	0.0
20071005:2056	0	0	0	0	0	9.76	2.35	0	0.0
20071005:2156	0	0	0	0	0	8.83	2.48	0	0.0
20071005:2256	0	0	0	0	0	8.48	2.44	0	0.0
20071005:2356	0	0	0	0	0	8.13	2.4	0	0.0
20071006:0056	0	0	0	0	0	7.78	2.36	0	0.0
20071006:0156	0	0	0	0	0	8.03	2.2	0	0.0
20071006:0256	0	0	0	0	0	8.29	2.04	0	0.0
20071006:0356	0	0	0	0	0	8.54	1.88	0	0.0
20071006:0456	0	0	0	0	0	8.38	1.98	0	0.0
20071006:0556	0	0	0	0	0	8.21	2.09	0	0.0
20071006:0656	115.52	83.58	50.97	1.51	5.95	8.04	2.19	0	34.4
20071006:0756	34.36	0	47.95	1.33	14.32	9.51	2.57	0	10.2
20071006:0856	63.54	0	78.04	2.17	21.68	10.98	2.94	0	18.9
20071006:0956	116.2	1.53	128.67	3.59	27.49	12.45	3.31	0	34.6
20071006:1056	164.44	7.23	170.2	4.79	31.17	13.38	3.2	0	48.9
20071006:1156	139.54	1.42	152.64	4.26	32.25	14.32	3.1	0	41.5
20071006:1256	134.12	1.82	147.57	4.12	30.56	15.25	2.99	0	39.9
20071006:1356	138.58	7.46	146.36	4.14	26.35	15.46	2.96	0	41.2
20071006:1456	77.91	1.16	92.89	2.6	20.14	15.67	2.92	0	23.2
20071006:1556	51.65	3.9	63.8	1.82	12.5	15.87	2.88	0	15.4
20071006:1656	3.69	0.15	12.15	0.34	3.96	14.89	2.52	0	1.1
20071006:1756	0	0	0	0	0	13.9	2.17	0	0.0
20071006:1856	0	0	0	0	0	12.91	1.81	0	0.0
20071006:1956	0	0	0	0	0	12.25	1.8	0	0.0
20071006:2056	0	0	0	0	0	11.59	1.8	0	0.0
20071006:2156	0	0	0	0	0	10.93	1.79	0	0.0
20071006:2256	0	0	0	0	0	10.57	1.79	0	0.0
20071006:2356	0	0	0	0	0	10.21	1.79	0	0.0
20071007:0056	0	0	0	0	0	9.85	1.79	0	0.0
20071007:0156	0	0	0	0	0	9.79	1.73	0	0.0
20071007:0256	0	0	0	0	0	9.73	1.67	0	0.0
20071007:0356	0	0	0	0	0	9.66	1.61	0	0.0
20071007:0456	0	0	0	0	0	9.86	1.52	0	0.0
20071007:0556	0	0	0	0	0	10.05	1.43	0	0.0
20071007:0656	110.57	85.26	45.98	1.47	5.67	10.25	1.34	0	32.9
20071007:0756	67.31	6.77	75.09	2.12	14.03	10.67	1.44	0	20.0
20071007:0856	88.31	1.66	101.01	2.82	21.37	11.1	1.55	0	26.3
20071007:0956	145.41	7.53	150.73	4.25	27.15	11.53	1.66	0	43.3
20071007:1056	165.64	7.85	170.63	4.81	30.8	12.3	1.51	0	49.3
20071007:1156	127.9	0.45	142.01	3.95	31.86	13.07	1.37	0	38.1
20071007:1256	119.91	0.52	134.61	3.75	30.17	13.84	1.23	0	35.7
20071007:1356	85.45	0	101.29	2.82	25.96	14.3	1.19	0	25.4
20071007:1456	68.62	0.34	84.22	2.35	19.76	14.76	1.14	0	20.4
20071007:1556	36.49	0.58	50.82	1.42	12.14	15.21	1.1	0	10.9
20071007:1656	11.81	8.35	19	0.66	3.61	14.59	1.16	0	3.5
20071007:1756	0	0	0	0	0	13.97	1.22	0	0.0
20071007:1856	0	0	0	0	0	13.35	1.28	0	0.0
20071007:1956	0	0	0	0	0	12.88	1.44	0	0.0
20071007:2056	0	0	0	0	0	12.41	1.6	0	0.0
20071007:2156	0	0	0	0	0	11.94	1.77	0	0.0
20071007:2256	0	0	0	0	0	11.77	1.55	0	0.0
20071007:2356	0	0	0	0	0	11.61	1.34	0	0.0
20071008:0056	0	0	0	0	0	11.45	1.13	0	0.0
20071008:0156	0	0	0	0	0	10.77	1.2	0	0.0
20071008:0256	0	0	0	0	0	10.09	1.28	0	0.0
20071008:0356	0	0	0	0	0	9.4	1.35	0	0.0
20071008:0456	0	0	0	0	0	9.25	1.49	0	0.0
20071008:0556	0	0	0	0	0	9.1	1.63	0	0.0
20071008:0656	18.3	5.86	25.03	0.71	5.4	8.95	1.77	0	5.4
20071008:0756	67.79	8.72	73.33	2.08	13.74	9.88	1.76	0	20.2
20071008:0856	120.09	11.85	121.43	3.45	21.06	10.81	1.76	0	35.7
20071008:0956	158.57	13.55	157.44	4.48	26.81	11.74	1.75	0	47.2

20071008:1056	345.69	112.91	241.59	7.49	30.44	12.52	1.62	0	102.8
20071008:1156	186.04	13.9	185.21	5.27	31.48	13.31	1.49	0	55.3
20071008:1256	147.86	5.2	157.39	4.43	29.78	14.1	1.37	0	44.0
20071008:1356	110.47	1.99	123.94	3.47	25.58	14.17	1.43	0	32.9
20071008:1456	109.43	11.1	113.9	3.27	19.39	14.24	1.49	0	32.6
20071008:1556	62.61	10.51	68.65	2.01	11.78	14.31	1.54	0	18.6
20071008:1656	4.16	1.06	12.36	0.36	3.26	13.53	1.53	0	1.2
20071008:1756	0	0	0	0	0	12.75	1.52	0	0.0
20071008:1856	0	0	0	0	0	11.96	1.5	0	0.0
20071008:1956	0	0	0	0	0	11.39	1.54	0	0.0
20071008:2056	0	0	0	0	0	10.82	1.59	0	0.0
20071008:2156	0	0	0	0	0	10.25	1.63	0	0.0
20071008:2256	0	0	0	0	0	10.07	1.68	0	0.0
20071008:2356	0	0	0	0	0	9.9	1.74	0	0.0
20071009:0056	0	0	0	0	0	9.72	1.79	0	0.0
20071009:0156	0	0	0	0	0	9.63	1.98	0	0.0
20071009:0256	0	0	0	0	0	9.55	2.16	0	0.0
20071009:0356	0	0	0	0	0	9.46	2.34	0	0.0
20071009:0456	0	0	0	0	0	9.61	2.75	0	0.0
20071009:0556	0	0	0	0	0	9.75	3.16	0	0.0
20071009:0656	0	0	2.24	0.06	5.13	9.9	3.57	0	0.0
20071009:0756	0.42	0	6.4	0.18	13.46	10.6	4.01	0	0.1
20071009:0856	8.95	0	19.34	0.54	20.75	11.3	4.45	0	2.7
20071009:0956	24.64	0	37.86	1.05	26.47	12.01	4.88	0	7.3
20071009:1056	18.52	0	31.01	0.86	30.07	12.44	4.55	0	5.5
20071009:1156	110.81	0.09	124.99	3.48	31.09	12.86	4.21	0	33.0
20071009:1256	8.41	0	18.77	0.52	29.39	13.29	3.88	0	2.5
20071009:1356	33.23	0	47.42	1.32	25.2	13.39	4.27	0	9.9
20071009:1456	94.43	6.49	102.87	2.92	19.02	13.48	4.66	0	28.1
20071009:1556	195.18	138.48	80.31	3.61	11.42	13.57	5.05	0	58.1
20071009:1656	7.39	6.16	14.41	0.48	2.92	13.08	4.85	0	2.2
20071009:1756	0	0	0	0	0	12.59	4.65	0	0.0
20071009:1856	0	0	0	0	0	12.1	4.46	0	0.0
20071009:1956	0	0	0	0	0	11.83	4.67	0	0.0
20071009:2056	0	0	0	0	0	11.57	4.88	0	0.0
20071009:2156	0	0	0	0	0	11.3	5.09	0	0.0
20071009:2256	0	0	0	0	0	11.3	5.06	0	0.0
20071009:2356	0	0	0	0	0	11.3	5.03	0	0.0
20071010:0056	0	0	0	0	0	11.3	4.99	0	0.0
20071010:0156	0	0	0	0	0	11.31	4.86	0	0.0
20071010:0256	0	0	0	0	0	11.31	4.73	0	0.0
20071010:0356	0	0	0	0	0	11.32	4.59	0	0.0
20071010:0456	0	0	0	0	0	11.41	4.48	0	0.0
20071010:0556	0	0	0	0	0	11.49	4.37	0	0.0
20071010:0656	82.98	66.54	36.54	1.14	4.86	11.58	4.26	0	24.7
20071010:0756	360.72	255.58	111.72	4.34	13.17	12.15	4.82	0	107.3
20071010:0856	583.65	431.98	153.67	7.44	20.43	12.72	5.37	0	173.6
20071010:0956	393.44	234.48	159.99	6.33	26.13	13.29	5.93	0	117.0
20071010:1056	478.53	301.14	178.8	7.64	29.71	14.09	5.71	0	142.4
20071010:1156	803.75	622.49	201.69	11.75	30.71	14.89	5.49	0	239.1
20071010:1256	114.54	0.63	129.45	3.61	29	15.69	5.27	0	34.1
20071010:1356	172.02	24.48	161.2	4.69	24.82	15.5	5.01	0	51.2
20071010:1456	88.37	5.09	99.09	2.8	18.66	15.3	4.74	0	26.3
20071010:1556	192.73	138.36	79.94	3.53	11.07	15.1	4.48	0	57.3
20071010:1656	2.89	1.7	10.12	0.3	2.57	13.96	3.66	0	0.9
20071010:1756	0	0	0	0	0	12.82	2.84	0	0.0
20071010:1856	0	0	0	0	0	11.68	2.01	0	0.0
20071010:1956	0	0	0	0	0	11.12	1.86	0	0.0
20071010:2056	0	0	0	0	0	10.57	1.7	0	0.0
20071010:2156	0	0	0	0	0	10.01	1.54	0	0.0
20071010:2256	0	0	0	0	0	9.69	1.45	0	0.0
20071010:2356	0	0	0	0	0	9.37	1.35	0	0.0
20071011:0056	0	0	0	0	0	9.05	1.26	0	0.0
20071011:0156	0	0	0	0	0	8.93	1.41	0	0.0
20071011:0256	0	0	0	0	0	8.81	1.57	0	0.0
20071011:0356	0	0	0	0	0	8.69	1.72	0	0.0
20071011:0456	0	0	0	0	0	8.65	1.83	0	0.0
20071011:0556	0	0	0	0	0	8.61	1.94	0	0.0
20071011:0656	6.05	0.66	14.75	0.41	4.59	8.57	2.06	0	1.8
20071011:0756	73.23	13.48	73.81	2.11	12.88	9.65	2.59	0	21.8
20071011:0856	419.18	245.02	176.13	6.24	20.12	10.73	3.13	0	124.7
20071011:0956	725.53	561.02	177.08	9.74	25.79	11.81	3.67	0	215.8
20071011:1056	801.38	636.01	188.27	11.25	29.34	12.78	3.8	0	238.4
20071011:1156	752.84	585.94	186.9	10.99	30.33	13.76	3.94	0	224.0
20071011:1256	715.89	543.94	191.86	10.73	28.62	14.74	4.07	0	213.0
20071011:1356	175.16	29.13	159.42	4.68	24.45	15.09	4.33	0	52.1
20071011:1456	2.17	0	9.78	0.27	18.29	15.43	4.59	0	0.6
20071011:1556	85.27	32.18	72.06	2.27	10.72	15.77	4.86	0	25.4
20071011:1656	3.25	0	11.54	0.32	2.23	15.14	4.39	0	1.0
20071011:1756	0	0	0	0	0	14.51	3.93	0	0.0
20071011:1856	0	0	0	0	0	13.87	3.46	0	0.0
20071011:1956	0	0	0	0	0	13.89	3.54	0	0.0
20071011:2056	0	0	0	0	0	13.91	3.63	0	0.0
20071011:2156	0	0	0	0	0	13.93	3.71	0	0.0
20071011:2256	0	0	0	0	0	14.01	3.59	0	0.0
20071011:2356	0	0	0	0	0	14.09	3.47	0	0.0
20071012:0056	0	0	0	0	0	14.17	3.35	0	0.0
20071012:0156	0	0	0	0	0	13.73	3.09	0	0.0
20071012:0256	0	0	0	0	0	13.3	2.83	0	0.0
20071012:0356	0	0	0	0	0	12.86	2.57	0	0.0
20071012:0456	0	0	0	0	0	13.04	2.71	0	0.0
20071012:0556	0	0	0	0	0	13.21	2.85	0	0.0
20071012:0656	63.11	53.02	29.97	0.92	4.32	13.39	2.99	0	18.8
20071012:0756	100.81	33.29	83.03	2.42	12.59	14.14	3.28	0	30.0
20071012:0856	254.54	107.35	158.1	4.91	19.81	14.89	3.56	0	75.7
20071012:0956	697.48	546.86	173.68	9.45	25.45	15.65	3.85	0	207.5
20071012:1056	529.14	296.84	246.06	8.91	28.98	16.37	4.02	0	157.4
20071012:1156	8.55	0	19.21	0.53	29.95	17.09	4.2	0	2.5
20071012:1256	153.64	10.88	158.91	4.51	28.24	17.81	4.37	0	45.7
20071012:1356	95.92	1.63	111.38	3.11	24.07	18.01	3.63	0	28.5
20071012:1456	58.96	0.63	75	2.09	17.93	18.2	2.88	0	17.5
20071012:1556	3.86	0	12.63	0.35	10.37	18.39	2.14	0	1.1
20071012:1656	1.3	0	8.29	0.23	1.89	17.75	1.87	0	0.4
20071012:1756	0	0	0	0	0	17.1	1.6	0	0.0
20071012:1856	0	0	0	0	0	16.45	1.34	0	0.0
20071012:1956	0	0	0	0	0	16.14	1.2	0	0.0
20071012:2056	0	0	0	0	0	15.83	1.06	0	0.0

20071012:2156	0	0	0	0	0	15.52	0.92	0	0.0
20071012:2256	0	0	0	0	0	15.46	0.86	0	0.0
20071012:2356	0	0	0	0	0	15.4	0.79	0	0.0
20071013:0056	0	0	0	0	0	15.35	0.72	0	0.0
20071013:0156	0	0	0	0	0	15.29	1.23	0	0.0
20071013:0256	0	0	0	0	0	15.23	1.75	0	0.0
20071013:0356	0	0	0	0	0	15.16	2.26	0	0.0
20071013:0456	0	0	0	0	0	15.12	2.4	0	0.0
20071013:0556	0	0	0	0	0	15.08	2.55	0	0.0
20071013:0656	57.9	50.21	27.8	0.85	4.05	15.04	2.69	0	17.2
20071013:0756	17.65	0	30.36	0.84	12.3	15.32	2.91	0	5.3
20071013:0856	36.45	0	51.32	1.43	19.5	15.61	3.12	0	10.8
20071013:0956	93.11	0.62	108.65	3.03	25.12	15.9	3.34	0	27.7
20071013:1056	141.44	6.24	150.72	4.24	28.62	16.2	3.57	0	42.1
20071013:1156	169.87	13.68	171.17	4.87	29.58	16.51	3.8	0	50.5
20071013:1256	233.37	51.25	195.55	5.82	27.86	16.82	4.03	0	69.4
20071013:1356	582.97	446.8	155.2	8.74	23.7	17	3.88	0	173.4
20071013:1456	347.5	230.23	133.57	5.74	17.57	17.18	3.73	0	103.4
20071013:1556	52.24	11.96	57.56	1.7	10.02	17.36	3.59	0	15.5
20071013:1656	0	0	1.54	0.04	1.55	16.44	3.48	0	0.0
20071013:1756	0	0	0	0	0	15.52	3.37	0	0.0
20071013:1856	0	0	0	0	0	14.59	3.27	0	0.0
20071013:1956	0	0	0	0	0	13.97	3.2	0	0.0
20071013:2056	0	0	0	0	0	13.35	3.14	0	0.0
20071013:2156	0	0	0	0	0	12.73	3.08	0	0.0
20071013:2256	0	0	0	0	0	12.49	2.94	0	0.0
20071013:2356	0	0	0	0	0	12.26	2.81	0	0.0
20071014:0056	0	0	0	0	0	12.03	2.68	0	0.0
20071014:0156	0	0	0	0	0	12.13	2.74	0	0.0
20071014:0256	0	0	0	0	0	12.24	2.8	0	0.0
20071014:0356	0	0	0	0	0	12.34	2.87	0	0.0
20071014:0456	0	0	0	0	0	12.27	2.84	0	0.0
20071014:0556	0	0	0	0	0	12.19	2.8	0	0.0
20071014:0656	53.91	47.03	25.83	0.78	3.77	12.12	2.77	0	16.0
20071014:0756	200.32	111.29	101.38	3.11	12.01	12.59	2.95	0	59.6
20071014:0856	550.5	410.79	149.41	6.85	19.18	13.06	3.13	0	163.8
20071014:0956	527.79	321.72	214.77	7.99	24.78	13.54	3.31	0	157.0
20071014:1056	394.3	165.34	236.74	7.59	28.26	14.22	3.47	0	117.3
20071014:1156	176.81	16.09	174.25	4.97	29.2	14.89	3.63	0	52.6
20071014:1256	599.11	392.34	222.62	9.44	27.48	15.57	3.79	0	178.2
20071014:1356	585.82	447.51	155.72	8.67	23.33	15.82	3.51	0	174.3
20071014:1456	392.98	287.6	121.78	6.03	17.22	16.06	3.22	0	116.9
20071014:1556	162.14	117.61	71.62	2.91	9.68	16.3	2.94	0	48.2
20071014:1656	0	0	4.43	0.12	1.22	15.26	2.65	0	0.0
20071014:1756	0	0	0	0	0	14.22	2.36	0	0.0
20071014:1856	0	0	0	0	0	13.17	2.07	0	0.0
20071014:1956	0	0	0	0	0	12.59	2.01	0	0.0
20071014:2056	0	0	0	0	0	12	1.96	0	0.0
20071014:2156	0	0	0	0	0	11.42	1.9	0	0.0
20071014:2256	0	0	0	0	0	10.97	1.91	0	0.0
20071014:2356	0	0	0	0	0	10.52	1.92	0	0.0
20071015:0056	0	0	0	0	0	10.07	1.93	0	0.0
20071015:0156	0	0	0	0	0	10.04	1.87	0	0.0
20071015:0256	0	0	0	0	0	10.01	1.81	0	0.0
20071015:0356	0	0	0	0	0	9.97	1.75	0	0.0
20071015:0456	0	0	0	0	0	10.15	2	0	0.0
20071015:0556	0	0	0	0	0	10.34	2.24	0	0.0
20071015:0656	0	0	4.83	0.13	3.5	10.52	2.48	0	0.0
20071015:0756	25.26	0	38.47	1.07	11.72	11.39	3.2	0	7.5
20071015:0856	46.29	0	60.89	1.69	18.87	12.26	3.92	0	13.8
20071015:0956	82.05	0	97.03	2.7	24.44	13.14	4.63	0	24.4
20071015:1056	101.97	0.1	116.74	3.25	27.9	13.85	5.25	0	30.3
20071015:1156	191.68	21.62	182.03	5.22	28.83	14.57	5.87	0	57.0
20071015:1256	150.26	9.51	154.77	4.38	27.11	15.28	6.48	0	44.7
20071015:1356	75.55	0	91.42	2.54	22.96	15.56	6.27	0	22.5
20071015:1456	82.81	6.61	92.21	2.62	16.86	15.84	6.06	0	24.6
20071015:1556	163.97	118.91	71.55	2.86	9.34	16.12	5.85	0	48.8
20071015:1656	8.69	0	19.3	0.54	0.89	15.65	5.85	0	2.6
20071015:1756	0	0	0	0	0	15.18	5.85	0	0.0
20071015:1856	0	0	0	0	0	14.7	5.85	0	0.0
20071015:1956	0	0	0	0	0	14.18	6.01	0	0.0
20071015:2056	0	0	0	0	0	13.67	6.17	0	0.0
20071015:2156	0	0	0	0	0	13.15	6.33	0	0.0
20071015:2256	0	0	0	0	0	12.98	6.19	0	0.0
20071015:2356	0	0	0	0	0	12.81	6.06	0	0.0
20071016:0056	0	0	0	0	0	12.65	5.92	0	0.0
20071016:0156	0	0	0	0	0	12.96	6.02	0	0.0
20071016:0256	0	0	0	0	0	13.27	6.13	0	0.0
20071016:0356	0	0	0	0	0	13.58	6.23	0	0.0
20071016:0456	0	0	0	0	0	13.48	6.11	0	0.0
20071016:0556	0	0	0	0	0	13.37	6	0	0.0
20071016:0656	0	0	1.45	0.04	3.23	13.26	5.88	0	0.0
20071016:0756	0	0	5.22	0.15	11.43	13.56	5.98	0	0.0
20071016:0856	105.87	13.18	107.24	3.05	18.56	13.86	6.09	0	31.5
20071016:0956	404.75	198.38	209.88	6.88	24.1	14.17	6.19	0	120.4
20071016:1056	265.1	70.31	203.67	6.09	27.54	14.73	6.01	0	78.9
20071016:1156	177.21	18.23	172.12	4.92	28.46	15.3	5.83	0	52.7
20071016:1256	272.78	80.34	202.64	6.18	26.74	15.86	5.66	0	81.2
20071016:1356	70.45	0	86.37	2.4	22.6	15.64	5.26	0	21.0
20071016:1456	160.5	55.09	120.18	3.73	16.51	15.41	4.87	0	47.7
20071016:1556	65.11	25.27	58.21	1.78	9	15.18	4.48	0	19.4
20071016:1656	9.86	0	20.71	0.62	0.56	14.58	4.04	0	2.9
20071016:1756	0	0	0	0	0	13.98	3.59	0	0.0
20071016:1856	0	0	0	0	0	13.38	3.14	0	0.0
20071016:1956	0	0	0	0	0	13.2	2.9	0	0.0
20071016:2056	0	0	0	0	0	13.02	2.66	0	0.0
20071016:2156	0	0	0	0	0	12.84	2.41	0	0.0
20071016:2256	0	0	0	0	0	12.62	2.34	0	0.0
20071016:2356	0	0	0	0	0	12.41	2.26	0	0.0
20071017:0056	0	0	0	0	0	12.2	2.18	0	0.0
20071017:0156	0	0	0	0	0	11.43	3.23	0	0.0
20071017:0256	0	0	0	0	0	10.67	4.29	0	0.0
20071017:0356	0	0	0	0	0	9.9	5.34	0	0.0
20071017:0456	0	0	0	0	0	9.31	5.47	0	0.0
20071017:0556	0	0	0	0	0	8.73	5.6	0	0.0
20071017:0656	49.96	47.04	20.79	0.62	2.95	8.14	5.74	0	14.9
20071017:0756	347.95	241.74	107.21	3.69	11.14	8.75	5.98	0	103.5

20071017:0856	585.81	423.35	153.72	6.77	18.25	9.37	6.22	0	174.3
20071017:0956	746.86	560.77	179.86	9.23	23.77	9.99	6.46	0	222.2
20071017:1056	828.45	636.52	191.64	10.74	27.18	10.7	6.58	0	240.0
20071017:1156	462.32	208.96	249.68	8.22	28.09	11.42	6.71	0	137.5
20071017:1256	728.55	531.89	195.78	10.13	26.37	12.13	6.84	0	216.7
20071017:1356	618.89	457.34	159.46	8.57	22.24	12.26	6.76	0	184.1
20071017:1456	224.11	99.48	134.32	4.38	16.17	12.38	6.69	0	66.7
20071017:1556	161.68	115.95	69.68	2.68	8.67	12.5	6.61	0	48.1
20071017:1656	7.77	0	17.79	0.54	0.24	11.6	6.06	0	2.3
20071017:1756	0	0	0	0	0	10.7	5.5	0	0.0
20071017:1856	0	0	0	0	0	9.79	4.95	0	0.0
20071017:1956	0	0	0	0	0	9.22	4.83	0	0.0
20071017:2056	0	0	0	0	0	8.66	4.71	0	0.0
20071017:2156	0	0	0	0	0	8.09	4.59	0	0.0
20071017:2256	0	0	0	0	0	7.7	4.44	0	0.0
20071017:2356	0	0	0	0	0	7.31	4.28	0	0.0
20071018:0056	0	0	0	0	0	6.92	4.12	0	0.0
20071018:0156	0	0	0	0	0	6.3	3.79	0	0.0
20071018:0256	0	0	0	0	0	5.68	3.46	0	0.0
20071018:0356	0	0	0	0	0	5.05	3.13	0	0.0
20071018:0456	0	0	0	0	0	4.69	3.02	0	0.0
20071018:0556	0	0	0	0	0	4.32	2.91	0	0.0
20071018:0656	45.6	43.86	18.45	0.55	2.68	3.96	2.8	0	13.6
20071018:0756	356.33	246	108.83	3.66	10.85	5.23	3.08	0	106.0
20071018:0856	594.55	430.66	156.45	6.78	17.94	6.5	3.35	0	176.9
20071018:0956	752.3	570.04	182.92	9.27	23.43	7.77	3.63	0	223.8
20071018:1056	822.47	640.29	193.33	10.71	26.83	8.94	3.62	0	240.0
20071018:1156	680.95	441.65	243.97	9.97	27.72	10.12	3.62	0	202.6
20071018:1256	510.6	276.05	236.54	8.4	26	11.29	3.61	0	151.9
20071018:1356	337.8	151.52	190.39	6.26	21.88	11.3	3.48	0	100.5
20071018:1456	402.3	287.78	122.58	5.73	15.82	11.31	3.34	0	119.7
20071018:1556	156.06	112.22	67.85	2.55	8.34	11.32	3.2	0	46.4
20071018:1656	0	0	0	0	0	10	3.09	0	0.0
20071018:1756	0	0	0	0	0	8.68	2.99	0	0.0
20071018:1856	0	0	0	0	0	7.36	2.88	0	0.0
20071018:1956	0	0	0	0	0	7.03	2.79	0	0.0
20071018:2056	0	0	0	0	0	6.7	2.7	0	0.0
20071018:2156	0	0	0	0	0	6.37	2.61	0	0.0
20071018:2256	0	0	0	0	0	5.74	2.32	0	0.0
20071018:2356	0	0	0	0	0	5.11	2.04	0	0.0
20071019:0056	0	0	0	0	0	4.49	1.75	0	0.0
20071019:0156	0	0	0	0	0	3.72	1.92	0	0.0
20071019:0256	0	0	0	0	0	2.96	2.08	0	0.0
20071019:0356	0	0	0	0	0	2.19	2.25	0	0.0
20071019:0456	0	0	0	0	0	1.94	2.27	0	0.0
20071019:0556	0	0	0	0	0	1.68	2.29	0	0.0
20071019:0656	33.22	33.41	15.02	0.45	2.41	1.43	2.32	0	9.9
20071019:0756	334.42	229.16	102.97	3.42	10.56	3.35	2.26	0	99.5
20071019:0856	566.9	409.94	150.73	6.45	17.63	5.27	2.2	0	168.7
20071019:0956	716.71	546.43	177.42	8.87	23.1	7.19	2.14	0	213.2
20071019:1056	792.35	623.79	189.91	10.39	26.47	8.7	2.14	0	235.7
20071019:1156	792.05	629.62	190.05	10.78	27.36	10.21	2.15	0	235.6
20071019:1256	721.22	566.34	179.18	10.02	25.64	11.72	2.15	0	214.6
20071019:1356	585.63	442.32	156.31	8.18	21.53	11.74	2.14	0	174.2
20071019:1456	386.71	278.49	119.77	5.51	15.48	11.76	2.12	0	115.0
20071019:1556	145.56	105.41	64.73	2.38	8.01	11.77	2.11	0	43.3
20071019:1656	0	0	0	0	0	10.5	2.26	0	0.0
20071019:1756	0	0	0	0	0	9.23	2.41	0	0.0
20071019:1856	0	0	0	0	0	7.95	2.57	0	0.0
20071019:1956	0	0	0	0	0	7.32	2.57	0	0.0
20071019:2056	0	0	0	0	0	6.7	2.57	0	0.0
20071019:2156	0	0	0	0	0	6.07	2.58	0	0.0
20071019:2256	0	0	0	0	0	5.81	2.58	0	0.0
20071019:2356	0	0	0	0	0	5.56	2.58	0	0.0
20071020:0056	0	0	0	0	0	5.31	2.58	0	0.0
20071020:0156	0	0	0	0	0	5.07	2.23	0	0.0
20071020:0256	0	0	0	0	0	4.82	1.88	0	0.0
20071020:0356	0	0	0	0	0	4.58	1.53	0	0.0
20071020:0456	0	0	0	0	0	4.39	1.81	0	0.0
20071020:0556	0	0	0	0	0	4.19	2.09	0	0.0
20071020:0656	2.93	0	10.66	0.3	2.14	3.99	2.37	0	0.9
20071020:0756	318.06	219.82	99.91	3.26	10.27	5.44	2.13	0	94.6
20071020:0856	548.4	399.47	148.15	6.25	17.32	6.9	1.89	0	163.1
20071020:0956	696.01	534.91	175.06	8.64	22.77	8.36	1.66	0	207.1
20071020:1056	770.26	610.5	187.45	10.13	26.12	9.69	1.71	0	229.2
20071020:1156	771.2	616.27	187.58	10.51	27	11.02	1.77	0	229.4
20071020:1256	702.63	553.55	176.71	9.75	25.27	12.35	1.82	0	209.0
20071020:1356	574.95	435.24	154.94	8	21.18	12.34	1.95	0	171.0
20071020:1456	377.45	272.17	117.99	5.34	15.14	12.33	2.09	0	112.3
20071020:1556	137.78	100.29	62.32	2.24	7.69	12.32	2.22	0	41.0
20071020:1656	0	0	0	0	0	11.11	2.03	0	0.0
20071020:1756	0	0	0	0	0	9.9	1.83	0	0.0
20071020:1856	0	0	0	0	0	8.68	1.64	0	0.0
20071020:1956	0	0	0	0	0	8.27	1.67	0	0.0
20071020:2056	0	0	0	0	0	7.86	1.7	0	0.0
20071020:2156	0	0	0	0	0	7.45	1.72	0	0.0
20071020:2256	0	0	0	0	0	7.17	1.67	0	0.0
20071020:2356	0	0	0	0	0	6.89	1.61	0	0.0
20071021:0056	0	0	0	0	0	6.62	1.56	0	0.0
20071021:0156	0	0	0	0	0	5.84	1.58	0	0.0
20071021:0256	0	0	0	0	0	5.06	1.6	0	0.0
20071021:0356	0	0	0	0	0	4.28	1.63	0	0.0
20071021:0456	0	0	0	0	0	3.8	1.63	0	0.0
20071021:0556	0	0	0	0	0	3.31	1.64	0	0.0
20071021:0656	1.86	0	8.9	0.25	1.86	2.83	1.64	0	0.6
20071021:0756	314.17	215.97	98.54	3.15	9.99	4.17	1.97	0	93.5
20071021:0856	549.93	396.09	147.53	6.13	17.01	5.52	2.3	0	163.6
20071021:0956	705.44	531.65	174.8	8.52	22.44	6.87	2.63	0	209.9
20071021:1056	782.7	611.27	188.16	10.05	25.77	8.53	2.39	0	232.9
20071021:1156	779.32	616.88	188.33	10.43	26.64	10.19	2.14	0	231.8
20071021:1256	705.43	553.7	177.25	9.67	24.92	11.85	1.89	0	209.9
20071021:1356	576.99	435.7	155.4	7.92	20.83	11.94	1.99	0	171.7
20071021:1456	363.41	268.35	107.13	5.04	14.81	12.03	2.09	0	108.1
20071021:1556	134.55	98.37	61	2.15	7.37	12.11	2.19	0	40.0
20071021:1656	0	0	0	0	0	10.26	2.29	0	0.0
20071021:1756	0	0	0	0	0	8.41	2.38	0	0.0
20071021:1856	0	0	0	0	0	6.55	2.47	0	0.0

20071021:1956	0	0	0	0	0	6.02	2.34	0	0.0
20071021:2056	0	0	0	0	0	5.49	2.21	0	0.0
20071021:2156	0	0	0	0	0	4.96	2.08	0	0.0
20071021:2256	0	0	0	0	0	4.77	2.1	0	0.0
20071021:2356	0	0	0	0	0	4.59	2.11	0	0.0
20071022:0056	0	0	0	0	0	4.41	2.12	0	0.0
20071022:0156	0	0	0	0	0	4.49	2.09	0	0.0
20071022:0256	0	0	0	0	0	4.57	2.06	0	0.0
20071022:0356	0	0	0	0	0	4.64	2.03	0	0.0
20071022:0456	0	0	0	0	0	4.59	2.03	0	0.0
20071022:0556	0	0	0	0	0	4.54	2.03	0	0.0
20071022:0656	0.95	0	7.33	0.22	1.59	4.49	2.03	0	0.3
20071022:0756	25.58	0.5	37.49	1.04	9.7	5.51	2.62	0	7.6
20071022:0856	34.86	0	47.9	1.33	16.7	6.53	3.21	0	10.4
20071022:0956	604.18	392.59	204.44	7.8	22.11	7.55	3.81	0	179.7
20071022:1056	504.51	264.78	234.75	7.9	25.43	8.82	3.94	0	150.1
20071022:1156	131.23	4.52	138.6	3.89	26.28	10.1	4.08	0	39.0
20071022:1256	197.18	36.18	170.28	4.96	24.56	11.38	4.22	0	58.7
20071022:1356	290.35	122.94	172.74	5.51	20.48	11.59	4.23	0	86.4
20071022:1456	41.55	0.11	55.77	1.55	14.48	11.8	4.25	0	12.4
20071022:1556	54.37	24.87	47.1	1.41	7.05	12	4.26	0	16.2
20071022:1656	0	0	0	0	0	11.47	4.1	0	0.0
20071022:1756	0	0	0	0	0	10.94	3.93	0	0.0
20071022:1856	0	0	0	0	0	10.41	3.77	0	0.0
20071022:1956	0	0	0	0	0	9.98	3.62	0	0.0
20071022:2056	0	0	0	0	0	9.55	3.47	0	0.0
20071022:2156	0	0	0	0	0	9.12	3.32	0	0.0
20071022:2256	0	0	0	0	0	8.74	3.13	0	0.0
20071022:2356	0	0	0	0	0	8.36	2.94	0	0.0
20071023:0056	0	0	0	0	0	7.98	2.74	0	0.0
20071023:0156	0	0	0	0	0	6.85	2.61	0	0.0
20071023:0256	0	0	0	0	0	5.72	2.48	0	0.0
20071023:0356	0	0	0	0	0	4.59	2.34	0	0.0
20071023:0456	0	0	0	0	0	4.34	2.41	0	0.0
20071023:0556	0	0	0	0	0	4.1	2.47	0	0.0
20071023:0656	0.07	0	5.55	0.17	1.32	3.85	2.54	0	0.0
20071023:0756	332.83	229.61	103.16	3.14	9.41	4.89	2.69	0	99.0
20071023:0856	578.9	417.72	154.61	6.23	16.39	5.93	2.83	0	172.2
20071023:0956	739.34	558.46	182.76	8.69	21.78	6.97	2.98	0	220.0
20071023:1056	813.06	629.37	193.67	10.12	25.08	8.08	3.28	0	240.0
20071023:1156	816.11	634.61	193.7	10.5	25.93	9.2	3.59	0	240.0
20071023:1256	743.57	569.31	182.13	9.72	24.21	10.31	3.89	0	221.2
20071023:1356	601.79	443.76	158.47	7.87	20.14	10.37	4.25	0	179.0
20071023:1456	389.28	275.23	119.41	5.15	14.15	10.43	4.61	0	115.8
20071023:1556	133.49	97.57	59.53	2	6.74	10.48	4.97	0	39.7
20071023:1656	0	0	0	0	0	9.04	4.3	0	0.0
20071023:1756	0	0	0	0	0	7.59	3.63	0	0.0
20071023:1856	0	0	0	0	0	6.14	2.97	0	0.0
20071023:1956	0	0	0	0	0	5.63	2.91	0	0.0
20071023:2056	0	0	0	0	0	5.11	2.86	0	0.0
20071023:2156	0	0	0	0	0	4.6	2.8	0	0.0
20071023:2256	0	0	0	0	0	4.62	2.63	0	0.0
20071023:2356	0	0	0	0	0	4.64	2.47	0	0.0
20071024:0056	0	0	0	0	0	4.67	2.3	0	0.0
20071024:0156	0	0	0	0	0	4.95	2.54	0	0.0
20071024:0256	0	0	0	0	0	5.24	2.77	0	0.0
20071024:0356	0	0	0	0	0	5.52	3.01	0	0.0
20071024:0456	0	0	0	0	0	5.81	3.23	0	0.0
20071024:0556	0	0	0	0	0	6.1	3.45	0	0.0
20071024:0656	0	0	0.45	0.01	1.05	6.39	3.67	0	0.0
20071024:0756	45.81	9.27	50.07	1.41	9.13	7.29	4.01	0	13.6
20071024:0856	57.32	0.66	70.29	1.96	16.09	8.19	4.36	0	17.1
20071024:0956	108.71	5.34	115.64	3.24	21.45	9.09	4.7	0	32.3
20071024:1056	707.65	488.57	216.77	9.15	24.74	9.99	5.22	0	210.5
20071024:1156	333.98	119.31	215.6	6.59	25.57	10.89	5.74	0	99.4
20071024:1256	79.97	0	94.36	2.62	23.86	11.79	6.26	0	23.8
20071024:1356	106.57	8.02	112.08	3.17	19.8	11.7	5.88	0	31.7
20071024:1456	75.24	9.9	79.92	2.28	13.83	11.6	5.49	0	22.4
20071024:1556	116.8	86.03	54.47	1.79	6.43	11.5	5.1	0	34.7
20071024:1656	0	0	0	0	0	10.86	4.8	0	0.0
20071024:1756	0	0	0	0	0	10.22	4.51	0	0.0
20071024:1856	0	0	0	0	0	9.58	4.21	0	0.0
20071024:1956	0	0	0	0	0	9.42	4.12	0	0.0
20071024:2056	0	0	0	0	0	9.27	4.03	0	0.0
20071024:2156	0	0	0	0	0	9.11	3.94	0	0.0
20071024:2256	0	0	0	0	0	9.14	3.73	0	0.0
20071024:2356	0	0	0	0	0	9.17	3.51	0	0.0
20071025:0056	0	0	0	0	0	9.2	3.3	0	0.0
20071025:0156	0	0	0	0	0	9.17	3.31	0	0.0
20071025:0256	0	0	0	0	0	9.14	3.32	0	0.0
20071025:0356	0	0	0	0	0	9.1	3.34	0	0.0
20071025:0456	0	0	0	0	0	9.03	3.31	0	0.0
20071025:0556	0	0	0	0	0	8.95	3.29	0	0.0
20071025:0656	3.13	0	11.1	0.33	0.78	8.88	3.27	0	0.9
20071025:0756	28.48	2.7	38.97	1.09	8.84	9.22	3.42	0	8.5
20071025:0856	16.84	0	28.78	0.8	15.78	9.56	3.57	0	5.0
20071025:0956	54.82	0	68.96	1.92	21.13	9.91	3.72	0	16.3
20071025:1056	62.51	0	76.77	2.13	24.4	10.32	3.69	0	18.6
20071025:1156	73.1	0	87.38	2.43	25.23	10.74	3.66	0	21.7
20071025:1256	60.5	0	75.01	2.09	23.52	11.15	3.63	0	18.0
20071025:1356	37.09	0	51.1	1.42	19.47	11.18	3.57	0	11.0
20071025:1456	25.33	0	38.51	1.07	13.51	11.21	3.52	0	7.5
20071025:1556	63.51	50.21	34.01	1.16	6.13	11.24	3.46	0	18.9
20071025:1656	0	0	0	0	0	10.62	3	0	0.0
20071025:1756	0	0	0	0	0	10	2.54	0	0.0
20071025:1856	0	0	0	0	0	9.37	2.08	0	0.0
20071025:1956	0	0	0	0	0	8.93	1.98	0	0.0
20071025:2056	0	0	0	0	0	8.5	1.87	0	0.0
20071025:2156	0	0	0	0	0	8.06	1.77	0	0.0
20071025:2256	0	0	0	0	0	7.83	1.95	0	0.0
20071025:2356	0	0	0	0	0	7.61	2.14	0	0.0
20071026:0056	0	0	0	0	0	7.38	2.33	0	0.0
20071026:0156	0	0	0	0	0	7.37	2.14	0	0.0
20071026:0256	0	0	0	0	0	7.37	1.95	0	0.0
20071026:0356	0	0	0	0	0	7.36	1.77	0	0.0
20071026:0456	0	0	0	0	0	7.2	1.45	0	0.0
20071026:0556	0	0	0	0	0	7.04	1.13	0	0.0

20071026:0656	3.41	0	11.47	0.35	0.51	6.88	0.81	0	1.0
20071026:0756	22.34	1.11	33.68	0.94	8.55	7.6	0.62	0	6.6
20071026:0856	29.77	0	42.94	1.19	15.48	8.33	0.42	0	8.9
20071026:0956	69.94	0.12	83.93	2.33	20.8	9.06	0.22	0	20.8
20071026:1056	74.21	0	88.48	2.46	24.06	9.88	0.78	0	22.1
20071026:1156	71.47	0	85.98	2.39	24.88	10.71	1.34	0	21.3
20071026:1256	68.11	0	82.86	2.3	23.18	11.53	1.9	0	20.3
20071026:1356	56.79	0	71.46	1.99	19.14	11.43	2.11	0	16.9
20071026:1456	19.57	0	32.11	0.89	13.2	11.33	2.33	0	5.8
20071026:1556	0	0	2.59	0.07	5.83	11.23	2.54	0	0.0
20071026:1656	0	0	0	0	0	10.55	2.3	0	0.0
20071026:1756	0	0	0	0	0	9.86	2.06	0	0.0
20071026:1856	0	0	0	0	0	9.17	1.82	0	0.0
20071026:1956	0	0	0	0	0	8.78	2.04	0	0.0
20071026:2056	0	0	0	0	0	8.39	2.25	0	0.0
20071026:2156	0	0	0	0	0	8	2.47	0	0.0
20071026:2256	0	0	0	0	0	8	2.74	0	0.0
20071026:2356	0	0	0	0	0	8.01	3.01	0	0.0
20071027:0056	0	0	0	0	0	8.02	3.28	0	0.0
20071027:0156	0	0	0	0	0	8.45	3.51	0	0.0
20071027:0256	0	0	0	0	0	8.88	3.74	0	0.0
20071027:0356	0	0	0	0	0	9.31	3.97	0	0.0
20071027:0456	0	0	0	0	0	9.73	4.17	0	0.0
20071027:0556	0	0	0	0	0	10.14	4.38	0	0.0
20071027:0656	6.66	0	16.25	0.49	0.24	10.56	4.58	0	2.0
20071027:0756	78.19	36.09	56.89	1.58	8.27	11.19	4.88	0	23.3
20071027:0856	63.16	4	73.77	2.07	15.18	11.83	5.19	0	18.8
20071027:0956	44.37	0	58.91	1.64	20.48	12.47	5.49	0	13.2
20071027:1056	140.46	14.79	138.7	3.94	23.72	13.34	6.01	0	41.8
20071027:1156	219.71	54.41	175.23	5.15	24.54	14.22	6.54	0	65.4
20071027:1256	107.68	5.12	117.67	3.31	22.84	15.09	7.06	0	32.0
20071027:1356	161.88	43.99	130.97	3.88	18.82	14.92	6.93	0	48.2
20071027:1456	13.61	0	25.44	0.71	12.89	14.74	6.8	0	4.0
20071027:1556	0.39	0	6.4	0.18	5.53	14.56	6.68	0	0.1
20071027:1656	0	0	0	0	0	14.27	6.84	0	0.0
20071027:1756	0	0	0	0	0	13.98	7.01	0	0.0
20071027:1856	0	0	0	0	0	13.68	7.17	0	0.0
20071027:1956	0	0	0	0	0	13.62	7.23	0	0.0
20071027:2056	0	0	0	0	0	13.55	7.29	0	0.0
20071027:2156	0	0	0	0	0	13.49	7.35	0	0.0
20071027:2256	0	0	0	0	0	13.54	7.44	0	0.0
20071027:2356	0	0	0	0	0	13.6	7.54	0	0.0
20071028:0056	0	0	0	0	0	13.65	7.63	0	0.0
20071028:0156	0	0	0	0	0	13.63	7.94	0	0.0
20071028:0256	0	0	0	0	0	13.62	8.26	0	0.0
20071028:0356	0	0	0	0	0	13.6	8.58	0	0.0
20071028:0456	0	0	0	0	0	13.73	8.87	0	0.0
20071028:0556	0	0	0	0	0	13.85	9.17	0	0.0
20071028:0656	0	0	0	0	0	13.98	9.46	0	0.0
20071028:0756	118.59	69.74	64.1	1.76	7.99	14.21	9.62	0	35.3
20071028:0856	0.88	0	7.41	0.21	14.88	14.44	9.78	0	0.3
20071028:0956	3.09	0	11.27	0.31	20.16	14.68	9.94	0	0.9
20071028:1056	130.17	11.67	132.52	3.75	23.39	14.87	9.74	0	38.7
20071028:1156	179.14	32.18	158.95	4.59	24.2	15.07	9.54	0	53.3
20071028:1256	61.71	0	77.29	2.15	22.5	15.26	9.34	0	18.4
20071028:1356	61.86	0.33	77.12	2.15	18.49	15.27	9.06	0	18.4
20071028:1456	320.69	227.51	104.8	4.15	12.58	15.28	8.79	0	95.4
20071028:1556	76.94	62.8	37.87	1.29	5.24	15.29	8.51	0	22.9
20071028:1656	0	0	0	0	0	14.61	7.99	0	0.0
20071028:1756	0	0	0	0	0	13.93	7.47	0	0.0
20071028:1856	0	0	0	0	0	13.25	6.95	0	0.0
20071028:1956	0	0	0	0	0	12.6	6.55	0	0.0
20071028:2056	0	0	0	0	0	11.95	6.15	0	0.0
20071028:2156	0	0	0	0	0	11.3	5.75	0	0.0
20071028:2256	0	0	0	0	0	10.78	5.24	0	0.0
20071028:2356	0	0	0	0	0	10.27	4.72	0	0.0
20071029:0056	0	0	0	0	0	9.76	4.21	0	0.0
20071029:0156	0	0	0	0	0	9.04	3.87	0	0.0
20071029:0256	0	0	0	0	0	8.32	3.53	0	0.0
20071029:0356	0	0	0	0	0	7.6	3.19	0	0.0
20071029:0456	0	0	0	0	0	7.47	3.01	0	0.0
20071029:0556	0	0	0	0	0	7.33	2.84	0	0.0
20071029:0656	0	0	0	0	0	7.2	2.66	0	0.0
20071029:0756	58.32	22.79	49.4	1.37	7.71	7.7	3.4	0	17.4
20071029:0856	509.89	363.86	140.55	5.18	14.58	8.2	4.13	0	151.7
20071029:0956	677.31	500.56	170.71	7.51	19.85	8.71	4.87	0	201.5
20071029:1056	766.62	580.06	185.56	9	23.06	9.38	5.08	0	228.1
20071029:1156	770.49	585.27	185.75	9.36	23.87	10.05	5.29	0	229.2
20071029:1256	491.93	280.43	207.75	7.22	22.17	10.72	5.5	0	146.3
20071029:1356	472.42	306.33	164.29	6.3	18.18	10.89	5.41	0	140.5
20071029:1456	336.42	236.18	107.65	4.2	12.28	11.05	5.32	0	100.1
20071029:1556	104.15	88.95	40.34	1.43	4.95	11.21	5.23	0	31.0
20071029:1656	0	0	0	0	0	10.19	4.74	0	0.0
20071029:1756	0	0	0	0	0	9.16	4.25	0	0.0
20071029:1856	0	0	0	0	0	8.13	3.77	0	0.0
20071029:1956	0	0	0	0	0	7.87	3.96	0	0.0
20071029:2056	0	0	0	0	0	7.6	4.15	0	0.0
20071029:2156	0	0	0	0	0	7.34	4.34	0	0.0
20071029:2256	0	0	0	0	0	7.52	4.59	0	0.0
20071029:2356	0	0	0	0	0	7.71	4.84	0	0.0
20071030:0056	0	0	0	0	0	7.9	5.09	0	0.0
20071030:0156	0	0	0	0	0	7.99	5.18	0	0.0
20071030:0256	0	0	0	0	0	8.07	5.26	0	0.0
20071030:0356	0	0	0	0	0	8.16	5.35	0	0.0
20071030:0456	0	0	0	0	0	7.97	5.27	0	0.0
20071030:0556	0	0	0	0	0	7.77	5.2	0	0.0
20071030:0656	0	0	0	0	0	7.58	5.12	0	0.0
20071030:0756	251.91	175.22	82.69	2.21	7.43	8.06	5.31	0	74.9
20071030:0856	506.83	359.56	139.62	5.06	14.28	8.54	5.51	0	150.8
20071030:0956	674.99	496.73	170.06	7.38	19.53	9.03	5.71	0	200.8
20071030:1056	760.65	574.51	184.36	8.85	22.73	9.93	5.59	0	226.3
20071030:1156	762.2	579.78	184.57	9.2	23.54	10.83	5.47	0	226.8
20071030:1256	686.63	516.2	172.61	8.43	21.85	11.73	5.35	0	204.3
20071030:1356	532.61	388.88	146.16	6.58	17.86	11.94	4.63	0	158.5
20071030:1456	321	227.26	104.6	4.01	11.98	12.15	3.91	0	95.5
20071030:1556	109.2	99.19	37.32	1.38	4.67	12.35	3.19	0	32.5
20071030:1656	0	0	0	0	0	10.76	3.04	0	0.0

20071030:1756	0	0	0	0	0	9.17	2.89	0	0.0
20071030:1856	0	0	0	0	0	7.58	2.74	0	0.0
20071030:1956	0	0	0	0	0	7.46	2.68	0	0.0
20071030:2056	0	0	0	0	0	7.35	2.62	0	0.0
20071030:2156	0	0	0	0	0	7.23	2.55	0	0.0
20071030:2256	0	0	0	0	0	7.34	2.85	0	0.0
20071030:2356	0	0	0	0	0	7.45	3.14	0	0.0
20071031:0056	0	0	0	0	0	7.56	3.43	0	0.0
20071031:0156	0	0	0	0	0	7.81	3.67	0	0.0
20071031:0256	0	0	0	0	0	8.07	3.91	0	0.0
20071031:0356	0	0	0	0	0	8.32	4.15	0	0.0
20071031:0456	0	0	0	0	0	8.65	4.21	0	0.0
20071031:0556	0	0	0	0	0	8.97	4.26	0	0.0
20071031:0656	0	0	0	0	0	9.29	4.32	0	0.0
20071031:0756	214.21	119.32	104.95	2.42	7.15	10.07	4.47	0	63.7
20071031:0856	375.09	239.68	136.67	4.32	13.98	10.86	4.62	0	111.6
20071031:0956	326.23	158.32	170.96	5.22	19.22	11.65	4.77	0	97.1
20071031:1056	246.41	80.12	173.67	5.14	22.41	12.49	5.03	0	73.3
20071031:1156	717.86	549.39	177.74	8.74	23.21	13.33	5.29	0	213.6
20071031:1256	252.69	90.71	170.78	5.16	21.53	14.17	5.54	0	75.2
20071031:1356	498.2	364.94	139.81	6.2	17.56	14.41	5.21	0	148.2
20071031:1456	293.24	208.49	98.62	3.72	11.69	14.65	4.88	0	87.2
20071031:1556	69.77	52.41	40.13	1.23	4.39	14.89	4.55	0	20.8
20071031:1656	0	0	0	0	0	14.07	4.19	0	0.0
20071031:1756	0	0	0	0	0	13.24	3.83	0	0.0
20071031:1856	0	0	0	0	0	12.41	3.48	0	0.0
20071031:1956	0	0	0	0	0	12.26	3.56	0	0.0
20071031:2056	0	0	0	0	0	12.12	3.65	0	0.0
20071031:2156	0	0	0	0	0	11.97	3.74	0	0.0
20071031:2256	0	0	0	0	0	11.92	3.66	0	0.0
20071031:2356	0	0	0	0	0	11.88	3.59	0	0.0
20071101:0056	0	0	0	0	0	11.84	3.52	0	0.0
20071101:0156	0	0	0	0	0	11.07	3.65	0	0.0
20071101:0256	0	0	0	0	0	10.29	3.78	0	0.0
20071101:0356	0	0	0	0	0	9.52	3.92	0	0.0
20071101:0456	0	0	0	0	0	9.66	3.99	0	0.0
20071101:0556	0	0	0	0	0	9.8	4.06	0	0.0
20071101:0656	0	0	0	0	0	9.94	4.12	0	0.0
20071101:0756	207.79	120.05	98.67	2.27	6.87	10.65	4.53	0	61.8
20071101:0856	111.86	33.2	91.8	2.61	13.69	11.37	4.94	0	33.3
20071101:0956	619.47	455.42	165.07	6.85	18.91	12.09	5.35	0	184.3
20071101:1056	335.23	149.11	190.28	5.84	22.09	13.24	5.82	0	99.7
20071101:1156	652.84	465.57	193.23	8.21	22.89	14.4	6.29	0	194.2
20071101:1256	629.86	470.18	167.14	7.78	21.21	15.55	6.76	0	187.4
20071101:1356	157.77	48.68	122.94	3.63	17.25	15.52	6.08	0	46.9
20071101:1456	214.36	132.51	97.11	3.18	11.4	15.48	5.41	0	63.8
20071101:1556	66.97	51.08	38.73	1.17	4.12	15.45	4.73	0	19.9
20071101:1656	0	0	0	0	0	14.56	4.27	0	0.0
20071101:1756	0	0	0	0	0	13.67	3.8	0	0.0
20071101:1856	0	0	0	0	0	12.78	3.34	0	0.0
20071101:1956	0	0	0	0	0	12.18	3.26	0	0.0
20071101:2056	0	0	0	0	0	11.58	3.19	0	0.0
20071101:2156	0	0	0	0	0	10.98	3.12	0	0.0
20071101:2256	0	0	0	0	0	10.66	3.06	0	0.0
20071101:2356	0	0	0	0	0	10.34	3	0	0.0
20071102:0056	0	0	0	0	0	10.03	2.94	0	0.0
20071102:0156	0	0	0	0	0	10.06	2.95	0	0.0
20071102:0256	0	0	0	0	0	10.09	2.97	0	0.0
20071102:0356	0	0	0	0	0	10.12	2.98	0	0.0
20071102:0456	0	0	0	0	0	10.2	3.08	0	0.0
20071102:0556	0	0	0	0	0	10.28	3.17	0	0.0
20071102:0656	0	0	0	0	0	10.37	3.27	0	0.0
20071102:0756	150.74	88.75	75.43	1.82	6.59	10.9	3.51	0	44.8
20071102:0856	442.09	314.59	130.46	4.46	13.4	11.44	3.76	0	131.5
20071102:0956	605.38	447.29	163.18	6.68	18.61	11.98	4	0	180.1
20071102:1056	694.4	526.96	179.77	8.13	21.77	12.61	3.93	0	206.6
20071102:1156	292.58	113.28	186.61	5.64	22.57	13.24	3.86	0	87.0
20071102:1256	51.39	0	66.54	1.85	20.9	13.87	3.79	0	15.3
20071102:1356	63.4	1.53	77.31	2.16	16.95	14.1	3.51	0	18.9
20071102:1456	45.74	5.13	55.81	1.57	11.12	14.32	3.23	0	13.6
20071102:1556	48.09	37.44	31.08	0.94	3.85	14.55	2.95	0	14.3
20071102:1656	0	0	0	0	0	13.7	2.86	0	0.0
20071102:1756	0	0	0	0	0	12.86	2.77	0	0.0
20071102:1856	0	0	0	0	0	12.02	2.68	0	0.0
20071102:1956	0	0	0	0	0	11.74	2.93	0	0.0
20071102:2056	0	0	0	0	0	11.46	3.18	0	0.0
20071102:2156	0	0	0	0	0	11.18	3.43	0	0.0
20071102:2256	0	0	0	0	0	11.13	3.35	0	0.0
20071102:2356	0	0	0	0	0	11.08	3.26	0	0.0
20071103:0056	0	0	0	0	0	11.03	3.17	0	0.0
20071103:0156	0	0	0	0	0	10.7	3.15	0	0.0
20071103:0256	0	0	0	0	0	10.37	3.14	0	0.0
20071103:0356	0	0	0	0	0	10.04	3.12	0	0.0
20071103:0456	0	0	0	0	0	10.31	3.24	0	0.0
20071103:0556	0	0	0	0	0	10.59	3.37	0	0.0
20071103:0656	0	0	0	0	0	10.87	3.49	0	0.0
20071103:0756	161.63	87.61	87.41	2	6.32	11.27	3.59	0	48.1
20071103:0856	229.34	120.86	116.94	3.37	13.11	11.68	3.68	0	68.2
20071103:0956	253.32	107.63	153.02	4.52	18.3	12.09	3.78	0	75.4
20071103:1056	113.49	8.7	118.85	3.35	21.46	12.84	4.02	0	33.8
20071103:1156	649.97	467.23	193.82	8.08	22.25	13.6	4.27	0	193.4
20071103:1256	627.25	470.55	167.97	7.64	20.59	14.35	4.51	0	186.6
20071103:1356	244.17	114.4	140.47	4.34	16.66	14.29	3.87	0	72.6
20071103:1456	60.63	13.7	62.68	1.79	10.84	14.23	3.22	0	18.0
20071103:1556	51.75	36.49	35.69	1.03	3.59	14.18	2.58	0	15.4
20071103:1656	0	0	0	0	0	13.21	2.43	0	0.0
20071103:1756	0	0	0	0	0	12.25	2.29	0	0.0
20071103:1856	0	0	0	0	0	11.29	2.14	0	0.0
20071103:1956	0	0	0	0	0	10.96	2.26	0	0.0
20071103:2056	0	0	0	0	0	10.63	2.39	0	0.0
20071103:2156	0	0	0	0	0	10.31	2.51	0	0.0
20071103:2256	0	0	0	0	0	10.09	2.47	0	0.0
20071103:2356	0	0	0	0	0	9.88	2.43	0	0.0
20071104:0056	0	0	0	0	0	9.67	2.39	0	0.0
20071104:0156	0	0	0	0	0	9.16	2.19	0	0.0
20071104:0256	0	0	0	0	0	8.65	1.99	0	0.0
20071104:0356	0	0	0	0	0	8.15	1.79	0	0.0

20071104:0456	0	0	0	0	0	8.03	1.83	0	0.0
20071104:0556	0	0	0	0	0	7.91	1.86	0	0.0
20071104:0656	0	0	0	0	0	7.8	1.89	0	0.0
20071104:0756	194.32	104.61	100.34	2.14	6.05	8.04	1.8	0	57.8
20071104:0856	231.7	121.52	116.48	3.33	12.82	8.29	1.71	0	68.9
20071104:0956	356.16	189.05	169.12	5.16	18	8.54	1.61	0	106.0
20071104:1056	587.79	395.83	202.31	7.38	21.15	8.93	1.24	0	174.9
20071104:1156	647.46	472.91	195.2	8.07	21.94	9.32	0.87	0	192.6
20071104:1256	267.21	105.17	169.86	5.12	20.29	9.71	0.5	0	79.5
20071104:1356	280.33	141.87	146.4	4.58	16.37	9.89	0.77	0	83.4
20071104:1456	283.12	198.39	97.41	3.39	10.57	10.07	1.04	0	84.2
20071104:1556	61.37	43.06	38.85	1.1	3.34	10.25	1.31	0	18.3
20071104:1656	0	0	0	0	0	9.54	1.49	0	0.0
20071104:1756	0	0	0	0	0	8.83	1.66	0	0.0
20071104:1856	0	0	0	0	0	8.12	1.83	0	0.0
20071104:1956	0	0	0	0	0	7.74	1.65	0	0.0
20071104:2056	0	0	0	0	0	7.37	1.46	0	0.0
20071104:2156	0	0	0	0	0	6.99	1.27	0	0.0
20071104:2256	0	0	0	0	0	6.75	1.3	0	0.0
20071104:2356	0	0	0	0	0	6.5	1.33	0	0.0
20071105:0056	0	0	0	0	0	6.25	1.37	0	0.0
20071105:0156	0	0	0	0	0	5.6	1.8	0	0.0
20071105:0256	0	0	0	0	0	4.95	2.24	0	0.0
20071105:0356	0	0	0	0	0	4.31	2.68	0	0.0
20071105:0456	0	0	0	0	0	4.63	3.05	0	0.0
20071105:0556	0	0	0	0	0	4.95	3.43	0	0.0
20071105:0656	0	0	0	0	0	5.28	3.81	0	0.0
20071105:0756	14.62	7.13	18.85	0.53	5.78	6.19	4.34	0	4.3
20071105:0856	0.28	0	6.05	0.17	12.54	7.1	4.88	0	0.1
20071105:0956	2.25	0	9.69	0.27	17.7	8.01	5.42	0	0.7
20071105:1056	30.87	0	44.17	1.23	20.84	9.34	5.86	0	9.2
20071105:1156	54.13	0	68.39	1.9	21.63	10.68	6.3	0	16.1
20071105:1256	16.11	0	28.16	0.78	19.99	12.01	6.74	0	4.8
20071105:1356	6.37	0	15.97	0.44	16.09	12.02	6.8	0	1.9
20071105:1456	206.04	127.28	90.77	2.86	10.3	12.02	6.86	0	61.3
20071105:1556	3.88	2.93	9.88	0.28	3.08	12.03	6.92	0	1.2
20071105:1656	0	0	0	0	0	11.32	7.09	0	0.0
20071105:1756	0	0	0	0	0	10.61	7.26	0	0.0
20071105:1856	0	0	0	0	0	9.91	7.43	0	0.0
20071105:1956	0	0	0	0	0	9.1	7.26	0	0.0
20071105:2056	0	0	0	0	0	8.3	7.09	0	0.0
20071105:2156	0	0	0	0	0	7.49	6.92	0	0.0
20071105:2256	0	0	0	0	0	7.11	6.74	0	0.0
20071105:2356	0	0	0	0	0	6.72	6.57	0	0.0
20071106:0056	0	0	0	0	0	6.34	6.39	0	0.0
20071106:0156	0	0	0	0	0	6.18	6.14	0	0.0
20071106:0256	0	0	0	0	0	6.02	5.9	0	0.0
20071106:0356	0	0	0	0	0	5.86	5.66	0	0.0
20071106:0456	0	0	0	0	0	5.74	5.64	0	0.0
20071106:0556	0	0	0	0	0	5.62	5.63	0	0.0
20071106:0656	0	0	0	0	0	5.51	5.61	0	0.0
20071106:0756	234.16	179.25	60.29	1.6	5.51	6.05	5.76	0	69.7
20071106:0856	467.16	322.43	133.78	4.27	12.25	6.6	5.91	0	139.0
20071106:0956	644.61	460.79	168.86	6.55	17.41	7.15	6.06	0	191.8
20071106:1056	724.96	530.55	182.46	7.88	20.54	8.07	6.18	0	215.7
20071106:1156	728.88	536.53	183.15	8.22	21.33	9	6.3	0	216.8
20071106:1256	652.47	474.52	170.07	7.47	19.69	9.92	6.43	0	194.1
20071106:1356	498.74	352.64	141.85	5.71	15.81	9.91	5.69	0	148.4
20071106:1456	330.35	225.69	112.05	3.65	10.04	9.9	4.96	0	98.3
20071106:1556	81.43	72.61	33.11	0.98	2.84	9.89	4.22	0	24.2
20071106:1656	0	0	0	0	0	8.9	3.78	0	0.0
20071106:1756	0	0	0	0	0	7.92	3.34	0	0.0
20071106:1856	0	0	0	0	0	6.94	2.9	0	0.0
20071106:1956	0	0	0	0	0	7.04	3.35	0	0.0
20071106:2056	0	0	0	0	0	7.14	3.81	0	0.0
20071106:2156	0	0	0	0	0	7.24	4.26	0	0.0
20071106:2256	0	0	0	0	0	7.6	4.95	0	0.0
20071106:2356	0	0	0	0	0	7.96	5.64	0	0.0
20071107:0056	0	0	0	0	0	8.32	6.33	0	0.0
20071107:0156	0	0	0	0	0	8.45	6.89	0	0.0
20071107:0256	0	0	0	0	0	8.58	7.45	0	0.0
20071107:0356	0	0	0	0	0	8.71	8.01	0	0.0
20071107:0456	0	0	0	0	0	8.87	7.88	0	0.0
20071107:0556	0	0	0	0	0	9.03	7.74	0	0.0
20071107:0656	0	0	0	0	0	9.2	7.6	0	0.0
20071107:0756	28.3	10.68	30.99	0.85	5.24	9.64	7.55	0	8.4
20071107:0856	1.52	0	8.51	0.24	11.97	10.08	7.51	0	0.5
20071107:0956	133.74	31.17	113.82	3.25	17.12	10.53	7.46	0	39.8
20071107:1056	96.41	5.18	104.85	2.94	20.24	11.45	8.11	0	28.7
20071107:1156	287.09	114.13	176.46	5.29	21.03	12.37	8.76	0	85.4
20071107:1256	67.89	0.48	82.36	2.29	19.41	13.29	9.41	0	20.2
20071107:1356	75.96	7.31	83.5	2.36	15.53	13.23	8.61	0	22.6
20071107:1456	64.27	13.79	65.78	1.86	9.78	13.17	7.81	0	19.1
20071107:1556	15.9	4.08	24.55	0.68	2.6	13.12	7.01	0	4.7
20071107:1656	0	0	0	0	0	12.48	6.65	0	0.0
20071107:1756	0	0	0	0	0	11.84	6.29	0	0.0
20071107:1856	0	0	0	0	0	11.21	5.93	0	0.0
20071107:1956	0	0	0	0	0	10.78	5.55	0	0.0
20071107:2056	0	0	0	0	0	10.35	5.17	0	0.0
20071107:2156	0	0	0	0	0	9.93	4.79	0	0.0
20071107:2256	0	0	0	0	0	9.83	4.68	0	0.0
20071107:2356	0	0	0	0	0	9.74	4.57	0	0.0
20071108:0056	0	0	0	0	0	9.65	4.46	0	0.0
20071108:0156	0	0	0	0	0	9.22	4.63	0	0.0
20071108:0256	0	0	0	0	0	8.79	4.8	0	0.0
20071108:0356	0	0	0	0	0	8.36	4.97	0	0.0
20071108:0456	0	0	0	0	0	8.48	5.14	0	0.0
20071108:0556	0	0	0	0	0	8.6	5.32	0	0.0
20071108:0656	0	0	0	0	0	8.72	5.5	0	0.0
20071108:0756	49.87	31.16	33.16	0.9	4.98	9.1	5.98	0	14.8
20071108:0856	153.06	68.52	94.32	2.64	11.7	9.48	6.45	0	45.5
20071108:0956	428.16	254.54	167.82	5.24	16.83	9.87	6.92	0	127.4
20071108:1056	372.54	184.64	185.01	5.65	19.95	10.82	8.06	0	110.8
20071108:1156	96.04	4.16	105.61	2.96	20.74	11.78	9.2	0	28.6
20071108:1256	58.09	0	72.86	2.03	19.12	12.74	10.33	0	17.3
20071108:1356	1.16	0	7.9	0.22	15.26	12.13	10.23	0	0.3
20071108:1456	94.7	40.38	68.99	1.99	9.53	11.51	10.12	0	28.2

20071108:1556	22.04	12.36	24.26	0.68	2.36	10.9	10.01	0	6.6
20071108:1656	0	0	0	0	0	9.62	9.53	0	0.0
20071108:1756	0	0	0	0	0	8.34	9.05	0	0.0
20071108:1856	0	0	0	0	0	7.06	8.57	0	0.0
20071108:1956	0	0	0	0	0	6.53	8.7	0	0.0
20071108:2056	0	0	0	0	0	6.01	8.84	0	0.0
20071108:2156	0	0	0	0	0	5.49	8.98	0	0.0
20071108:2256	0	0	0	0	0	5.19	9.27	0	0.0
20071108:2356	0	0	0	0	0	4.89	9.57	0	0.0
20071109:0056	0	0	0	0	0	4.59	9.86	0	0.0
20071109:0156	0	0	0	0	0	4.72	9.72	0	0.0
20071109:0256	0	0	0	0	0	4.86	9.58	0	0.0
20071109:0356	0	0	0	0	0	4.99	9.43	0	0.0
20071109:0456	0	0	0	0	0	4.78	9.31	0	0.0
20071109:0556	0	0	0	0	0	4.57	9.2	0	0.0
20071109:0656	0	0	0	0	0	4.37	9.08	0	0.0
20071109:0756	218.76	166.62	56.39	1.41	4.71	4.53	9.11	0	65.1
20071109:0856	463.31	313.83	131.48	3.99	11.42	4.7	9.15	0	137.8
20071109:0956	651.1	454.37	168.19	6.26	16.55	4.87	9.19	0	193.7
20071109:1056	741.69	528.78	183.69	7.64	19.66	5.61	9.37	0	220.7
20071109:1156	746.95	535.19	184.44	7.99	20.45	6.34	9.55	0	222.2
20071109:1256	667.32	472.61	171	7.24	18.84	7.08	9.74	0	198.5
20071109:1356	493.8	341.04	138.94	5.38	15	7.43	8.84	0	146.9
20071109:1456	327.06	219	110.72	3.4	9.28	7.78	7.94	0	97.3
20071109:1556	11.66	0	22.5	0.63	2.13	8.14	7.03	0	3.5
20071109:1656	0	0	0	0	0	7.74	6.48	0	0.0
20071109:1756	0	0	0	0	0	7.34	5.92	0	0.0
20071109:1856	0	0	0	0	0	6.94	5.37	0	0.0
20071109:1956	0	0	0	0	0	7.14	5.73	0	0.0
20071109:2056	0	0	0	0	0	7.35	6.1	0	0.0
20071109:2156	0	0	0	0	0	7.55	6.47	0	0.0
20071109:2256	0	0	0	0	0	7.82	6.78	0	0.0
20071109:2356	0	0	0	0	0	8.08	7.09	0	0.0
20071110:0056	0	0	0	0	0	8.35	7.41	0	0.0
20071110:0156	0	0	0	0	0	8.42	7.94	0	0.0
20071110:0256	0	0	0	0	0	8.49	8.48	0	0.0
20071110:0356	0	0	0	0	0	8.56	9.02	0	0.0
20071110:0456	0	0	0	0	0	9.27	9.49	0	0.0
20071110:0556	0	0	0	0	0	9.98	9.97	0	0.0
20071110:0656	0	0	0	0	0	10.7	10.44	0	0.0
20071110:0756	23.56	10.39	26.3	0.72	4.45	10.81	9.67	0	7.0
20071110:0856	112.75	44.58	80.76	2.25	11.15	10.92	8.9	0	33.5
20071110:0956	261.55	122.18	143	4.16	16.26	11.04	8.12	0	77.8
20071110:1056	78.29	1.96	90.47	2.52	19.37	11.26	7.45	0	23.3
20071110:1156	136.6	21.89	126.54	3.6	20.17	11.48	6.77	0	40.6
20071110:1256	42.68	0	56.98	1.58	18.57	11.7	6.1	0	12.7
20071110:1356	0.93	0	7.46	0.21	14.74	11.87	6.73	0	0.3
20071110:1456	55.26	14.15	56.08	1.58	9.04	12.04	7.37	0	16.4
20071110:1556	8.14	0	18.31	0.55	1.91	12.22	8	0	2.4
20071110:1656	0	0	0	0	0	11.85	8.28	0	0.0
20071110:1756	0	0	0	0	0	11.48	8.57	0	0.0
20071110:1856	0	0	0	0	0	11.12	8.86	0	0.0
20071110:1956	0	0	0	0	0	10.76	8.8	0	0.0
20071110:2056	0	0	0	0	0	10.4	8.74	0	0.0
20071110:2156	0	0	0	0	0	10.03	8.69	0	0.0
20071110:2256	0	0	0	0	0	10.01	8.73	0	0.0
20071110:2356	0	0	0	0	0	9.99	8.76	0	0.0
20071111:0056	0	0	0	0	0	9.97	8.8	0	0.0
20071111:0156	0	0	0	0	0	10.03	9.18	0	0.0
20071111:0256	0	0	0	0	0	10.1	9.55	0	0.0
20071111:0356	0	0	0	0	0	10.16	9.93	0	0.0
20071111:0456	0	0	0	0	0	10.18	10.04	0	0.0
20071111:0556	0	0	0	0	0	10.2	10.14	0	0.0
20071111:0656	0	0	0	0	0	10.23	10.25	0	0.0
20071111:0756	99.14	65.47	48.09	1.17	4.2	10.18	9.82	0	29.5
20071111:0856	414.14	286.63	122.4	3.62	10.88	10.13	9.38	0	123.2
20071111:0956	147.62	42.26	115.33	3.28	15.99	10.08	8.95	0	43.9
20071111:1056	384.84	194.68	184.98	5.58	19.09	9.97	8.55	0	114.5
20071111:1156	652.95	450.78	189.77	7.32	19.89	9.85	8.15	0	194.3
20071111:1256	240.49	91.08	153.16	4.51	18.3	9.74	7.75	0	71.5
20071111:1356	146.17	47.12	109.24	3.16	14.49	9.58	7.32	0	43.5
20071111:1456	178.85	89.13	100.62	2.71	8.81	9.41	6.89	0	53.2
20071111:1556	13.77	0	25.08	0.76	1.69	9.25	6.46	0	4.1
20071111:1656	0	0	0	0	0	8.35	6.33	0	0.0
20071111:1756	0	0	0	0	0	7.45	6.2	0	0.0
20071111:1856	0	0	0	0	0	6.56	6.07	0	0.0
20071111:1956	0	0	0	0	0	5.89	5.95	0	0.0
20071111:2056	0	0	0	0	0	5.22	5.83	0	0.0
20071111:2156	0	0	0	0	0	4.55	5.71	0	0.0
20071111:2256	0	0	0	0	0	3.96	5.55	0	0.0
20071111:2356	0	0	0	0	0	3.37	5.39	0	0.0
20071112:0056	0	0	0	0	0	2.79	5.23	0	0.0
20071112:0156	0	0	0	0	0	2.35	5.1	0	0.0
20071112:0256	0	0	0	0	0	1.92	4.98	0	0.0
20071112:0356	0	0	0	0	0	1.49	4.86	0	0.0
20071112:0456	0	0	0	0	0	1.3	4.78	0	0.0
20071112:0556	0	0	0	0	0	1.12	4.71	0	0.0
20071112:0656	0	0	0	0	0	0.94	4.63	0	0.0
20071112:0756	157.05	113.26	50.91	1.19	3.94	1.34	4.85	0	46.7
20071112:0856	101.78	34.56	76.38	2.12	10.62	1.74	5.06	0	30.3
20071112:0956	269.54	118.6	145.08	4.14	15.71	2.14	5.27	0	80.2
20071112:1056	718.7	513.14	180.84	7.26	18.81	3.32	5.37	0	213.8
20071112:1156	672.25	458.29	192.47	7.34	19.62	4.49	5.48	0	200.0
20071112:1256	579.38	383.34	178.86	6.53	18.04	5.67	5.59	0	172.4
20071112:1356	489.81	339.06	139.05	5.17	14.24	5.57	4.86	0	145.7
20071112:1456	258.83	156.46	107.28	2.94	8.58	5.47	4.12	0	77.0
20071112:1556	11.19	0	21.68	0.65	1.48	5.38	3.39	0	3.3
20071112:1656	0	0	0	0	0	3.9	3.13	0	0.0
20071112:1756	0	0	0	0	0	2.43	2.86	0	0.0
20071112:1856	0	0	0	0	0	0.96	2.59	0	0.0
20071112:1956	0	0	0	0	0	0.85	2.79	0	0.0
20071112:2056	0	0	0	0	0	0.75	2.99	0	0.0
20071112:2156	0	0	0	0	0	0.64	3.19	0	0.0
20071112:2256	0	0	0	0	0	1.02	3.52	0	0.0
20071112:2356	0	0	0	0	0	1.4	3.86	0	0.0
20071113:0056	0	0	0	0	0	1.78	4.19	0	0.0
20071113:0156	0	0	0	0	0	2.07	4.18	0	0.0

20071113:0256	0	0	0	0	0	2.37	4.17	0	0.0
20071113:0356	0	0	0	0	0	2.67	4.15	0	0.0
20071113:0456	0	0	0	0	0	3.63	4.5	0	0.0
20071113:0556	0	0	0	0	0	4.6	4.84	0	0.0
20071113:0656	0	0	0	0	0	5.57	5.19	0	0.0
20071113:0756	18.71	5.18	25.46	0.7	3.69	6.24	5.48	0	5.6
20071113:0856	4.33	0	12.85	0.36	10.36	6.92	5.77	0	1.3
20071113:0956	52.44	0.45	65.43	1.82	15.44	7.6	6.07	0	15.6
20071113:1056	76.28	1.76	87.54	2.44	18.54	7.97	6.69	0	22.7
20071113:1156	95.69	5.55	102.44	2.87	19.35	8.34	7.32	0	28.5
20071113:1256	118.11	18.48	110.78	3.15	17.78	8.71	7.94	0	35.1
20071113:1356	167.8	64.83	111.05	3.23	14	8.62	8	0	49.9
20071113:1456	48.8	7.59	55.06	1.54	8.36	8.52	8.05	0	14.5
20071113:1556	7.95	0	17.83	0.54	1.27	8.43	8.1	0	2.4
20071113:1656	0	0	0	0	0	8.05	8.07	0	0.0
20071113:1756	0	0	0	0	0	7.67	8.05	0	0.0
20071113:1856	0	0	0	0	0	7.3	8.03	0	0.0
20071113:1956	0	0	0	0	0	7.07	8.1	0	0.0
20071113:2056	0	0	0	0	0	6.84	8.17	0	0.0
20071113:2156	0	0	0	0	0	6.61	8.25	0	0.0
20071113:2256	0	0	0	0	0	6.55	7.92	0	0.0
20071113:2356	0	0	0	0	0	6.5	7.59	0	0.0
20071114:0056	0	0	0	0	0	6.45	7.26	0	0.0
20071114:0156	0	0	0	0	0	6.2	6.65	0	0.0
20071114:0256	0	0	0	0	0	5.95	6.05	0	0.0
20071114:0356	0	0	0	0	0	5.7	5.45	0	0.0
20071114:0456	0	0	0	0	0	5.56	5.15	0	0.0
20071114:0556	0	0	0	0	0	5.42	4.85	0	0.0
20071114:0656	0	0	0	0	0	5.29	4.55	0	0.0
20071114:0756	13.44	0	24.35	0.73	3.44	5.41	4.63	0	4.0
20071114:0856	132.94	59.32	82.57	2.24	10.1	5.53	4.7	0	39.5
20071114:0956	593.02	418.61	159.48	5.57	15.18	5.66	4.77	0	176.4
20071114:1056	681.18	492.7	176.06	6.91	18.27	6.26	4.6	0	202.7
20071114:1156	687.32	500.51	177.14	7.26	19.08	6.85	4.43	0	204.5
20071114:1256	106.09	12.94	104.72	2.96	17.53	7.45	4.26	0	31.6
20071114:1356	461.5	322.53	134.25	4.87	13.77	7.33	3.67	0	137.3
20071114:1456	234.24	147.13	95.85	2.63	8.14	7.2	3.09	0	69.7
20071114:1556	8.83	0	18.88	0.57	1.07	7.08	2.5	0	2.6
20071114:1656	0	0	0	0	0	5.88	2.34	0	0.0
20071114:1756	0	0	0	0	0	4.69	2.19	0	0.0
20071114:1856	0	0	0	0	0	3.5	2.04	0	0.0
20071114:1956	0	0	0	0	0	3.26	2.11	0	0.0
20071114:2056	0	0	0	0	0	3.02	2.17	0	0.0
20071114:2156	0	0	0	0	0	2.78	2.23	0	0.0
20071114:2256	0	0	0	0	0	2.77	2.33	0	0.0
20071114:2356	0	0	0	0	0	2.76	2.42	0	0.0
20071115:0056	0	0	0	0	0	2.75	2.51	0	0.0
20071115:0156	0	0	0	0	0	1.85	2.48	0	0.0
20071115:0256	0	0	0	0	0	0.95	2.46	0	0.0
20071115:0356	0	0	0	0	0	0.05	2.43	0	0.0
20071115:0456	0	0	0	0	0	-0.1	2.42	0	0.0
20071115:0556	0	0	0	0	0	-0.25	2.41	0	0.0
20071115:0656	0	0	0	0	0	-0.39	2.4	0	0.0
20071115:0756	13.61	0	24.11	0.73	3.2	0.14	2.17	0	4.0
20071115:0856	411.35	267.2	132.36	3.44	9.85	0.67	1.94	0	122.4
20071115:0956	588.88	415.79	158.93	5.48	14.92	1.21	1.71	0	175.2
20071115:1056	679.71	496.61	177.46	6.89	18.01	3.24	1.81	0	202.2
20071115:1156	682.68	504.51	178.71	7.24	18.83	5.27	1.91	0	203.1
20071115:1256	606.7	443.83	164.91	6.52	17.28	7.3	2.01	0	180.5
20071115:1356	148.88	53.28	105.36	3.03	13.54	7.14	1.64	0	44.3
20071115:1456	268.64	174.37	103.86	2.78	7.93	6.98	1.27	0	79.9
20071115:1556	8.52	0	18.48	0.56	0.88	6.83	0.9	0	2.5
20071115:1656	0	0	0	0	0	5.29	1.24	0	0.0
20071115:1756	0	0	0	0	0	3.76	1.59	0	0.0
20071115:1856	0	0	0	0	0	2.23	1.93	0	0.0
20071115:1956	0	0	0	0	0	1.68	1.88	0	0.0
20071115:2056	0	0	0	0	0	1.13	1.83	0	0.0
20071115:2156	0	0	0	0	0	0.58	1.78	0	0.0
20071115:2256	0	0	0	0	0	0.42	1.94	0	0.0
20071115:2356	0	0	0	0	0	0.25	2.11	0	0.0
20071116:0056	0	0	0	0	0	0.08	2.28	0	0.0
20071116:0156	0	0	0	0	0	0.05	2.36	0	0.0
20071116:0256	0	0	0	0	0	0.02	2.45	0	0.0
20071116:0356	0	0	0	0	0	-0.01	2.54	0	0.0
20071116:0456	0	0	0	0	0	0.03	2.51	0	0.0
20071116:0556	0	0	0	0	0	0.07	2.49	0	0.0
20071116:0656	0	0	0	0	0	0.11	2.47	0	0.0
20071116:0756	13.73	0	24.27	0.73	2.95	0.39	2.65	0	4.1
20071116:0856	91.93	28.55	73.09	1.99	9.6	0.68	2.83	0	27.3
20071116:0956	67.63	4.39	74.46	2.08	14.66	0.97	3.01	0	20.1
20071116:1056	318.06	145.41	165.38	4.83	17.75	2.7	2.91	0	94.6
20071116:1156	112.54	12.4	110.05	3.1	18.57	4.43	2.82	0	33.5
20071116:1256	40.38	0	53.52	1.49	17.04	6.16	2.73	0	12.0
20071116:1356	135.24	45.86	98.81	2.84	13.31	5.86	2.51	0	40.2
20071116:1456	68.28	18.66	62.93	1.73	7.72	5.56	2.3	0	20.3
20071116:1556	8.57	0	18.44	0.56	0.69	5.26	2.08	0	2.5
20071116:1656	0	0	0	0	0	3.65	2.14	0	0.0
20071116:1756	0	0	0	0	0	2.05	2.2	0	0.0
20071116:1856	0	0	0	0	0	0.45	2.26	0	0.0
20071116:1956	0	0	0	0	0	0.15	2.26	0	0.0
20071116:2056	0	0	0	0	0	-0.15	2.25	0	0.0
20071116:2156	0	0	0	0	0	-0.45	2.25	0	0.0
20071116:2256	0	0	0	0	0	-0.36	2.42	0	0.0
20071116:2356	0	0	0	0	0	-0.27	2.59	0	0.0
20071117:0056	0	0	0	0	0	-0.18	2.76	0	0.0
20071117:0156	0	0	0	0	0	0.16	2.78	0	0.0
20071117:0256	0	0	0	0	0	0.51	2.8	0	0.0
20071117:0356	0	0	0	0	0	0.86	2.83	0	0.0
20071117:0456	0	0	0	0	0	1.22	2.96	0	0.0
20071117:0556	0	0	0	0	0	1.58	3.09	0	0.0
20071117:0656	0	0	0	0	0	1.95	3.23	0	0.0
20071117:0756	11.74	0	22.12	0.67	2.72	2.67	3.53	0	3.5
20071117:0856	122.01	56.51	74.2	2	9.35	3.39	3.83	0	36.3
20071117:0956	66.3	4.92	73.56	2.06	14.41	4.12	4.12	0	19.7
20071117:1056	578.05	383.15	180.85	6.13	17.5	5.51	4.22	0	172.0
20071117:1156	121.61	17.92	114.05	3.23	18.33	6.91	4.31	0	36.2
20071117:1256	50.76	0	64.44	1.79	16.81	8.3	4.4	0	15.1

20071117:1356	59.04	5.09	67.56	1.9	13.1	8.22	4.32	0	17.6
20071117:1456	85.64	36.92	62.75	1.71	7.53	8.13	4.23	0	25.5
20071117:1556	7.07	0	16.65	0.5	0.51	8.05	4.15	0	2.1
20071117:1656	0	0	0	0	0	7.36	4.39	0	0.0
20071117:1756	0	0	0	0	0	6.67	4.62	0	0.0
20071117:1856	0	0	0	0	0	5.98	4.86	0	0.0
20071117:1956	0	0	0	0	0	5.84	5.21	0	0.0
20071117:2056	0	0	0	0	0	5.71	5.57	0	0.0
20071117:2156	0	0	0	0	0	5.57	5.93	0	0.0
20071117:2256	0	0	0	0	0	5.49	6.19	0	0.0
20071117:2356	0	0	0	0	0	5.41	6.46	0	0.0
20071118:0056	0	0	0	0	0	5.33	6.72	0	0.0
20071118:0156	0	0	0	0	0	5.3	7.16	0	0.0
20071118:0256	0	0	0	0	0	5.27	7.6	0	0.0
20071118:0356	0	0	0	0	0	5.24	8.04	0	0.0
20071118:0456	0	0	0	0	0	5.01	8.23	0	0.0
20071118:0556	0	0	0	0	0	4.78	8.41	0	0.0
20071118:0656	0	0	0	0	0	4.55	8.59	0	0.0
20071118:0756	0	0	5.02	0.15	2.48	4.53	8.66	0	0.0
20071118:0856	5.09	0	13.82	0.38	9.11	4.51	8.72	0	1.5
20071118:0956	5.18	0	13.95	0.39	14.16	4.49	8.79	0	1.5
20071118:1056	16.05	0	27.33	0.76	17.25	4.56	8.75	0	4.8
20071118:1156	24.15	0	36.28	1.01	18.09	4.63	8.72	0	7.2
20071118:1256	4.34	0	12.76	0.35	16.58	4.7	8.69	0	1.3
20071118:1356	0.4	0	6.27	0.17	12.89	4.46	8.58	0	0.1
20071118:1456	3.96	0	12.19	0.34	7.33	4.21	8.47	0	1.2
20071118:1556	0	0	3.77	0.11	0.33	3.97	8.36	0	0.0
20071118:1656	0	0	0	0	0	3.65	8.55	0	0.0
20071118:1756	0	0	0	0	0	3.33	8.74	0	0.0
20071118:1856	0	0	0	0	0	3.01	8.92	0	0.0
20071118:1956	0	0	0	0	0	2.94	9.04	0	0.0
20071118:2056	0	0	0	0	0	2.87	9.16	0	0.0
20071118:2156	0	0	0	0	0	2.8	9.28	0	0.0
20071118:2256	0	0	0	0	0	2.92	9.2	0	0.0
20071118:2356	0	0	0	0	0	3.05	9.12	0	0.0
20071119:0056	0	0	0	0	0	3.18	9.03	0	0.0
20071119:0156	0	0	0	0	0	3.54	8.62	0	0.0
20071119:0256	0	0	0	0	0	3.9	8.2	0	0.0
20071119:0356	0	0	0	0	0	4.27	7.78	0	0.0
20071119:0456	0	0	0	0	0	4.58	7.37	0	0.0
20071119:0556	0	0	0	0	0	4.89	6.97	0	0.0
20071119:0656	0	0	0	0	0	5.21	6.57	0	0.0
20071119:0756	9.69	0	19.85	0.6	2.25	5.59	6.31	0	2.9
20071119:0856	58.05	12.99	58	1.6	8.87	5.98	6.05	0	17.3
20071119:0956	139.12	45.24	102.43	2.88	13.92	6.37	5.79	0	41.4
20071119:1056	171.8	51.46	126.9	3.62	17.01	7.04	6	0	51.1
20071119:1156	85.32	4.95	92.94	2.6	17.85	7.72	6.21	0	25.4
20071119:1256	27.81	0	40.75	1.13	16.36	8.39	6.41	0	8.3
20071119:1356	33.14	0	46.37	1.29	12.68	8.16	5.78	0	9.9
20071119:1456	45.39	8.56	50.62	1.4	7.15	7.93	5.15	0	13.5
20071119:1556	5.61	0	14.67	0.44	0.16	7.71	4.52	0	1.7
20071119:1656	0	0	0	0	0	7.3	4.61	0	0.0
20071119:1756	0	0	0	0	0	6.9	4.69	0	0.0
20071119:1856	0	0	0	0	0	6.5	4.77	0	0.0
20071119:1956	0	0	0	0	0	6.5	4.94	0	0.0
20071119:2056	0	0	0	0	0	6.51	5.1	0	0.0
20071119:2156	0	0	0	0	0	6.51	5.27	0	0.0
20071119:2256	0	0	0	0	0	6.54	5.17	0	0.0
20071119:2356	0	0	0	0	0	6.56	5.08	0	0.0
20071120:0056	0	0	0	0	0	6.58	4.98	0	0.0
20071120:0156	0	0	0	0	0	6.36	4.93	0	0.0
20071120:0256	0	0	0	0	0	6.15	4.88	0	0.0
20071120:0356	0	0	0	0	0	5.94	4.83	0	0.0
20071120:0456	0	0	0	0	0	6.13	4.6	0	0.0
20071120:0556	0	0	0	0	0	6.32	4.37	0	0.0
20071120:0656	0	0	0	0	0	6.52	4.14	0	0.0
20071120:0756	4.55	0	13.13	0.4	2.02	6.75	3.97	0	1.4
20071120:0856	29.92	5.32	37.48	1.05	8.63	6.98	3.81	0	8.9
20071120:0956	36.74	0	49.96	1.39	13.68	7.21	3.64	0	10.9
20071120:1056	37.87	0	51.24	1.42	16.77	7.77	3.96	0	11.3
20071120:1156	152.69	38.21	123.68	3.53	17.62	8.33	4.28	0	45.4
20071120:1256	16.45	0	28.25	0.79	16.14	8.89	4.59	0	4.9
20071120:1356	5.36	0	14.39	0.4	12.48	8.5	4.28	0	1.6
20071120:1456	23.64	3.39	32.94	0.92	6.97	8.11	3.96	0	7.0
20071120:1556	0	0	0	0	0	7.72	3.64	0	0.0
20071120:1656	0	0	0	0	0	7.63	3.53	0	0.0
20071120:1756	0	0	0	0	0	7.54	3.42	0	0.0
20071120:1856	0	0	0	0	0	7.46	3.31	0	0.0
20071120:1956	0	0	0	0	0	7.61	3.23	0	0.0
20071120:2056	0	0	0	0	0	7.76	3.14	0	0.0
20071120:2156	0	0	0	0	0	7.91	3.06	0	0.0
20071120:2256	0	0	0	0	0	7.98	3.26	0	0.0
20071120:2356	0	0	0	0	0	8.05	3.45	0	0.0
20071121:0056	0	0	0	0	0	8.13	3.64	0	0.0
20071121:0156	0	0	0	0	0	8.45	3.69	0	0.0
20071121:0256	0	0	0	0	0	8.77	3.74	0	0.0
20071121:0356	0	0	0	0	0	9.09	3.79	0	0.0
20071121:0456	0	0	0	0	0	9.01	3.59	0	0.0
20071121:0556	0	0	0	0	0	8.94	3.39	0	0.0
20071121:0656	0	0	0	0	0	8.87	3.19	0	0.0
20071121:0756	11.97	0	22.89	0.69	1.79	8.78	3.66	0	3.6
20071121:0856	118.82	50.79	79.85	2.06	8.4	8.69	4.14	0	35.3
20071121:0956	158.62	61.29	106.24	2.97	13.45	8.6	4.62	0	47.2
20071121:1056	207.77	78.01	135.52	3.86	16.54	8.86	5.16	0	61.8
20071121:1156	55.44	0.14	69.15	1.92	17.4	9.13	5.71	0	16.5
20071121:1256	151.66	44.77	116.53	3.33	15.93	9.4	6.25	0	45.1
20071121:1356	335.19	209.76	125.2	3.82	12.29	9.32	6.21	0	99.7
20071121:1456	87.13	33.46	67.94	1.79	6.79	9.24	6.17	0	25.9
20071121:1556	0	0	0	0	0	9.16	6.14	0	0.0
20071121:1656	0	0	0	0	0	8.49	5.64	0	0.0
20071121:1756	0	0	0	0	0	7.82	5.14	0	0.0
20071121:1856	0	0	0	0	0	7.15	4.65	0	0.0
20071121:1956	0	0	0	0	0	6.89	4.23	0	0.0
20071121:2056	0	0	0	0	0	6.63	3.82	0	0.0
20071121:2156	0	0	0	0	0	6.36	3.41	0	0.0
20071121:2256	0	0	0	0	0	6.28	3.21	0	0.0
20071121:2356	0	0	0	0	0	6.19	3.02	0	0.0

20071122:0056	0	0	0	0	0	6.11	2.83	0	0.0
20071122:0156	0	0	0	0	0	5.79	2.87	0	0.0
20071122:0256	0	0	0	0	0	5.47	2.92	0	0.0
20071122:0356	0	0	0	0	0	5.16	2.97	0	0.0
20071122:0456	0	0	0	0	0	5.11	2.84	0	0.0
20071122:0556	0	0	0	0	0	5.06	2.71	0	0.0
20071122:0656	0	0	0	0	0	5.02	2.58	0	0.0
20071122:0756	10.92	0	21.35	0.64	1.57	5.41	2.48	0	3.2
20071122:0856	189.73	104.68	91.46	2.23	8.18	5.8	2.38	0	56.4
20071122:0956	412.75	263.73	144.73	4.19	13.22	6.2	2.28	0	122.8
20071122:1056	450.42	273.03	171.47	5.2	16.31	6.9	3.03	0	134.0
20071122:1156	322.8	158.92	162.26	4.76	17.18	7.61	3.77	0	96.0
20071122:1256	249.21	113.05	139.16	4.04	15.73	8.31	4.52	0	74.1
20071122:1356	4.08	0	12.55	0.35	12.1	8.25	4.11	0	1.2
20071122:1456	131.61	69.14	75.61	1.9	6.63	8.19	3.7	0	39.2
20071122:1556	0	0	0	0	0	8.13	3.28	0	0.0
20071122:1656	0	0	0	0	0	7.71	3.58	0	0.0
20071122:1756	0	0	0	0	0	7.3	3.87	0	0.0
20071122:1856	0	0	0	0	0	6.89	4.17	0	0.0
20071122:1956	0	0	0	0	0	6.58	4.99	0	0.0
20071122:2056	0	0	0	0	0	6.27	5.82	0	0.0
20071122:2156	0	0	0	0	0	5.97	6.65	0	0.0
20071122:2256	0	0	0	0	0	5.55	7.07	0	0.0
20071122:2356	0	0	0	0	0	5.13	7.49	0	0.0
20071123:0056	0	0	0	0	0	4.72	7.9	0	0.0
20071123:0156	0	0	0	0	0	4.34	7.86	0	0.0
20071123:0256	0	0	0	0	0	3.96	7.81	0	0.0
20071123:0356	0	0	0	0	0	3.59	7.77	0	0.0
20071123:0456	0	0	0	0	0	3.27	7.69	0	0.0
20071123:0556	0	0	0	0	0	2.95	7.62	0	0.0
20071123:0656	0	0	0	0	0	2.63	7.54	0	0.0
20071123:0756	9.04	0	18.84	0.57	1.36	2.56	7.4	0	2.7
20071123:0856	408.36	266.65	126.28	2.87	7.95	2.5	7.25	0	121.5
20071123:0956	555.06	378.54	149.58	4.67	13	2.44	7.1	0	165.1
20071123:1056	668.35	466.64	171.82	6.11	16.09	3.31	7.36	0	198.8
20071123:1156	679.59	477.48	173.89	6.49	16.97	4.18	7.61	0	202.2
20071123:1256	602.54	419.01	159.79	5.81	15.53	5.05	7.86	0	179.3
20071123:1356	443.57	301.8	128.24	4.19	11.93	4.98	7	0	132.0
20071123:1456	272.69	176.81	99.5	2.35	6.46	4.91	6.14	0	81.1
20071123:1556	0	0	0	0	0	4.85	5.28	0	0.0
20071123:1656	0	0	0	0	0	3.86	4.72	0	0.0
20071123:1756	0	0	0	0	0	2.88	4.15	0	0.0
20071123:1856	0	0	0	0	0	1.9	3.59	0	0.0
20071123:1956	0	0	0	0	0	1.29	3.43	0	0.0
20071123:2056	0	0	0	0	0	0.68	3.28	0	0.0
20071123:2156	0	0	0	0	0	0.08	3.13	0	0.0
20071123:2256	0	0	0	0	0	-0.55	3.1	0	0.0
20071123:2356	0	0	0	0	0	-1.18	3.08	0	0.0
20071124:0056	0	0	0	0	0	-1.81	3.05	0	0.0
20071124:0156	0	0	0	0	0	-2.25	2.87	0	0.0
20071124:0256	0	0	0	0	0	-2.68	2.7	0	0.0
20071124:0356	0	0	0	0	0	-3.11	2.52	0	0.0
20071124:0456	0	0	0	0	0	-2.61	3.1	0	0.0
20071124:0556	0	0	0	0	0	-2.11	3.67	0	0.0
20071124:0656	0	0	0	0	0	-1.61	4.25	0	0.0
20071124:0756	0	0	3.65	0.11	1.14	-0.45	5.08	0	0.0
20071124:0856	2.98	0	10.62	0.3	7.74	0.71	5.91	0	0.9
20071124:0956	0.44	0	6.32	0.18	12.78	1.87	6.74	0	0.1
20071124:1056	1.54	0	8.38	0.23	15.88	3.1	7.28	0	0.5
20071124:1156	1.89	0	8.99	0.25	16.76	4.33	7.81	0	0.6
20071124:1256	5.72	0	14.74	0.41	15.34	5.56	8.34	0	1.7
20071124:1356	26.66	0	39.17	1.09	11.75	6.13	8.36	0	7.9
20071124:1456	2.14	0	9.48	0.26	6.31	6.7	8.38	0	0.6
20071124:1556	0	0	0	0	0	7.28	8.4	0	0.0
20071124:1656	0	0	0	0	0	7.57	7.82	0	0.0
20071124:1756	0	0	0	0	0	7.87	7.23	0	0.0
20071124:1856	0	0	0	0	0	8.17	6.65	0	0.0
20071124:1956	0	0	0	0	0	8.13	6.8	0	0.0
20071124:2056	0	0	0	0	0	8.09	6.96	0	0.0
20071124:2156	0	0	0	0	0	8.05	7.12	0	0.0
20071124:2256	0	0	0	0	0	7.9	7.26	0	0.0
20071124:2356	0	0	0	0	0	7.75	7.4	0	0.0
20071125:0056	0	0	0	0	0	7.6	7.54	0	0.0
20071125:0156	0	0	0	0	0	7.19	7.27	0	0.0
20071125:0256	0	0	0	0	0	6.78	7	0	0.0
20071125:0356	0	0	0	0	0	6.37	6.73	0	0.0
20071125:0456	0	0	0	0	0	6.39	6.66	0	0.0
20071125:0556	0	0	0	0	0	6.42	6.59	0	0.0
20071125:0656	0	0	0	0	0	6.45	6.52	0	0.0
20071125:0756	7.62	0	17.3	0.52	0.93	6.72	6.62	0	2.3
20071125:0856	131.21	70.55	70.57	1.77	7.53	6.99	6.71	0	39.0
20071125:0956	12.01	0	22.85	0.64	12.56	7.26	6.8	0	3.6
20071125:1056	78.3	6.78	84.31	2.36	15.67	7.74	6.99	0	23.3
20071125:1156	499.25	312.77	174.45	5.51	16.56	8.23	7.19	0	148.5
20071125:1256	111.46	24.14	98.86	2.8	15.16	8.71	7.38	0	33.2
20071125:1356	312.64	194.44	117.7	3.49	11.59	8.49	6.73	0	93.0
20071125:1456	92.75	47.22	59.65	1.53	6.16	8.27	6.08	0	27.6
20071125:1556	0	0	0	0	0	8.06	5.43	0	0.0
20071125:1656	0	0	0	0	0	7.52	5.05	0	0.0
20071125:1756	0	0	0	0	0	6.98	4.66	0	0.0
20071125:1856	0	0	0	0	0	6.45	4.28	0	0.0
20071125:1956	0	0	0	0	0	6.18	4.03	0	0.0
20071125:2056	0	0	0	0	0	5.92	3.79	0	0.0
20071125:2156	0	0	0	0	0	5.66	3.54	0	0.0
20071125:2256	0	0	0	0	0	5.5	3.43	0	0.0
20071125:2356	0	0	0	0	0	5.34	3.32	0	0.0
20071126:0056	0	0	0	0	0	5.18	3.21	0	0.0
20071126:0156	0	0	0	0	0	4.93	3.1	0	0.0
20071126:0256	0	0	0	0	0	4.69	2.99	0	0.0
20071126:0356	0	0	0	0	0	4.45	2.88	0	0.0
20071126:0456	0	0	0	0	0	4.27	2.83	0	0.0
20071126:0556	0	0	0	0	0	4.1	2.78	0	0.0
20071126:0656	0	0	0	0	0	3.93	2.73	0	0.0
20071126:0756	5.2	0	13.94	0.42	0.73	4.19	2.83	0	1.5
20071126:0856	36.49	5.87	43.34	1.2	7.32	4.46	2.92	0	10.9
20071126:0956	21.51	0	33.47	0.93	12.36	4.73	3.02	0	6.4
20071126:1056	33.54	0	46.32	1.29	15.47	5.31	3.06	0	10.0

20071126:1156	140.84	36.09	113.39	3.22	16.37	5.89	3.1	0	41.9
20071126:1256	54.21	1.19	66.25	1.85	14.98	6.47	3.14	0	16.1
20071126:1356	57.22	8.84	61.59	1.73	11.43	6.49	2.85	0	17.0
20071126:1456	29.64	3.89	38.69	1.07	6.02	6.5	2.56	0	8.8
20071126:1556	0	0	0	0	0	6.52	2.26	0	0.0
20071126:1656	0	0	0	0	0	6.12	2.21	0	0.0
20071126:1756	0	0	0	0	0	5.72	2.16	0	0.0
20071126:1856	0	0	0	0	0	5.33	2.11	0	0.0
20071126:1956	0	0	0	0	0	5.35	1.98	0	0.0
20071126:2056	0	0	0	0	0	5.37	1.84	0	0.0
20071126:2156	0	0	0	0	0	5.39	1.71	0	0.0
20071126:2256	0	0	0	0	0	5.43	1.59	0	0.0
20071126:2356	0	0	0	0	0	5.46	1.47	0	0.0
20071127:0056	0	0	0	0	0	5.5	1.35	0	0.0
20071127:0156	0	0	0	0	0	5.06	1.62	0	0.0
20071127:0256	0	0	0	0	0	4.63	1.89	0	0.0
20071127:0356	0	0	0	0	0	4.2	2.15	0	0.0
20071127:0456	0	0	0	0	0	4.55	1.79	0	0.0
20071127:0556	0	0	0	0	0	4.9	1.43	0	0.0
20071127:0656	0	0	0	0	0	5.25	1.08	0	0.0
20071127:0756	2.29	0	9.68	0.29	0.53	5.79	1.08	0	0.7
20071127:0856	17.93	0	29.7	0.83	7.12	6.33	1.08	0	5.3
20071127:0956	13.67	0	24.83	0.69	12.16	6.88	1.08	0	4.1
20071127:1056	40.21	0	53.65	1.49	15.27	7.45	1.6	0	12.0
20071127:1156	42.9	0	56.5	1.57	16.19	8.01	2.11	0	12.8
20071127:1256	34.1	0	47.51	1.32	14.81	8.58	2.63	0	10.1
20071127:1356	26.32	0	39.26	1.09	11.28	8.77	2.48	0	7.8
20071127:1456	15.15	0	26.76	0.74	5.89	8.96	2.33	0	4.5
20071127:1556	0	0	0	0	0	9.15	2.18	0	0.0
20071127:1656	0	0	0	0	0	8.77	2.35	0	0.0
20071127:1756	0	0	0	0	0	8.39	2.52	0	0.0
20071127:1856	0	0	0	0	0	8.02	2.69	0	0.0
20071127:1956	0	0	0	0	0	7.92	2.86	0	0.0
20071127:2056	0	0	0	0	0	7.82	3.03	0	0.0
20071127:2156	0	0	0	0	0	7.72	3.2	0	0.0
20071127:2256	0	0	0	0	0	7.69	3.26	0	0.0
20071127:2356	0	0	0	0	0	7.65	3.31	0	0.0
20071128:0056	0	0	0	0	0	7.62	3.37	0	0.0
20071128:0156	0	0	0	0	0	7.47	3.43	0	0.0
20071128:0256	0	0	0	0	0	7.32	3.5	0	0.0
20071128:0356	0	0	0	0	0	7.18	3.57	0	0.0
20071128:0456	0	0	0	0	0	7.1	3.77	0	0.0
20071128:0556	0	0	0	0	0	7.02	3.96	0	0.0
20071128:0656	0	0	0	0	0	6.95	4.15	0	0.0
20071128:0756	6.77	0	16.21	0.49	0.33	7.15	4.42	0	2.0
20071128:0856	91.51	41.02	62.98	1.6	6.92	7.35	4.69	0	27.2
20071128:0956	75.65	16.98	71.54	2	11.96	7.56	4.97	0	22.5
20071128:1056	57.9	1.91	69.5	1.94	15.08	8.06	5.84	0	17.2
20071128:1156	152.53	45.46	115.95	3.29	16.01	8.55	6.71	0	45.4
20071128:1256	74.48	8.33	79.52	2.23	14.65	9.05	7.59	0	22.2
20071128:1356	389	268.53	117.19	3.68	11.13	9.26	7.26	0	115.7
20071128:1456	68.04	27.95	54.81	1.42	5.76	9.47	6.94	0	20.2
20071128:1556	0	0	0	0	0	9.68	6.62	0	0.0
20071128:1656	0	0	0	0	0	9.68	6.98	0	0.0
20071128:1756	0	0	0	0	0	9.68	7.35	0	0.0
20071128:1856	0	0	0	0	0	9.69	7.71	0	0.0
20071128:1956	0	0	0	0	0	9.41	7.4	0	0.0
20071128:2056	0	0	0	0	0	9.13	7.09	0	0.0
20071128:2156	0	0	0	0	0	8.85	6.79	0	0.0
20071128:2256	0	0	0	0	0	8.49	6.35	0	0.0
20071128:2356	0	0	0	0	0	8.14	5.91	0	0.0
20071129:0056	0	0	0	0	0	7.79	5.48	0	0.0
20071129:0156	0	0	0	0	0	7.68	5.63	0	0.0
20071129:0256	0	0	0	0	0	7.57	5.79	0	0.0
20071129:0356	0	0	0	0	0	7.47	5.94	0	0.0
20071129:0456	0	0	0	0	0	7.7	6.17	0	0.0
20071129:0556	0	0	0	0	0	7.93	6.4	0	0.0
20071129:0656	0	0	0	0	0	8.17	6.62	0	0.0
20071129:0756	5.58	0	14.63	0.44	0.14	7.79	6.47	0	1.7
20071129:0856	268.15	173.9	95.97	2.07	6.73	7.42	6.32	0	79.8
20071129:0956	216.23	135.79	83.35	2.49	11.77	7.05	6.17	0	64.3
20071129:1056	262.18	155.99	105.33	3.3	14.9	7.11	6.33	0	78.0
20071129:1156	620.95	440.41	164.69	5.84	15.83	7.17	6.5	0	184.7
20071129:1256	551.13	385.76	150.95	5.22	14.49	7.23	6.66	0	164.0
20071129:1356	395.29	271.28	118.35	3.67	10.99	7.43	6.17	0	117.6
20071129:1456	153.12	119.01	46.62	1.36	5.64	7.62	5.67	0	45.6
20071129:1556	0	0	0	0	0	7.82	5.17	0	0.0
20071129:1656	0	0	0	0	0	6.96	5.03	0	0.0
20071129:1756	0	0	0	0	0	6.1	4.9	0	0.0
20071129:1856	0	0	0	0	0	5.25	4.76	0	0.0
20071129:1956	0	0	0	0	0	4.87	4.67	0	0.0
20071129:2056	0	0	0	0	0	4.49	4.58	0	0.0
20071129:2156	0	0	0	0	0	4.11	4.5	0	0.0
20071129:2256	0	0	0	0	0	4.36	4.61	0	0.0
20071129:2356	0	0	0	0	0	4.62	4.72	0	0.0
20071130:0056	0	0	0	0	0	4.88	4.83	0	0.0
20071130:0156	0	0	0	0	0	5.41	5.31	0	0.0
20071130:0256	0	0	0	0	0	5.94	5.8	0	0.0
20071130:0356	0	0	0	0	0	6.47	6.29	0	0.0
20071130:0456	0	0	0	0	0	7.36	6.59	0	0.0
20071130:0556	0	0	0	0	0	8.25	6.9	0	0.0
20071130:0656	0	0	0	0	0	9.15	7.2	0	0.0
20071130:0756	0	0	0	0	0	9.75	7.2	0	0.0
20071130:0856	47.77	16.33	45.59	1.22	6.54	10.35	7.19	0	14.2
20071130:0956	188.63	94.54	102.48	2.78	11.59	10.96	7.19	0	56.1
20071130:1056	153.04	52.98	110.76	3.12	14.72	11.49	7.53	0	45.5
20071130:1156	37.54	0	51.67	1.44	15.67	12.03	7.88	0	11.2
20071130:1256	38.23	0	52.51	1.46	14.34	12.56	8.22	0	11.4
20071130:1356	23.41	0	36.54	1.02	10.86	12.51	8.33	0	7.0
20071130:1456	23.98	11.2	26.3	0.74	5.53	12.45	8.44	0	7.1
20071130:1556	0	0	0	0	0	12.4	8.55	0	0.0
20071130:1656	0	0	0	0	0	12.26	8.69	0	0.0
20071130:1756	0	0	0	0	0	12.12	8.83	0	0.0
20071130:1856	0	0	0	0	0	11.99	8.97	0	0.0
20071130:1956	0	0	0	0	0	12	9.46	0	0.0
20071130:2056	0	0	0	0	0	12.02	9.96	0	0.0
20071130:2156	0	0	0	0	0	12.03	10.46	0	0.0

20071130:2256	0	0	0	0	0	11.16	10.87	0	0.0
20071130:2356	0	0	0	0	0	10.28	11.28	0	0.0
20071201:0056	0	0	0	0	0	9.41	11.7	0	0.0
20071201:0156	0	0	0	0	0	8.42	11.58	0	0.0
20071201:0256	0	0	0	0	0	7.42	11.46	0	0.0
20071201:0356	0	0	0	0	0	6.43	11.34	0	0.0
20071201:0456	0	0	0	0	0	6.01	10.83	0	0.0
20071201:0556	0	0	0	0	0	5.59	10.33	0	0.0
20071201:0656	0	0	0	0	0	5.17	9.82	0	0.0
20071201:0756	0	0	0	0	0	5.18	9.32	0	0.0
20071201:0856	322.91	206.87	110.46	2.19	6.36	5.19	8.83	0	96.1
20071201:0956	493.98	337.09	138.03	3.95	11.41	5.21	8.33	0	147.0
20071201:1056	607.23	423.08	161.28	5.32	14.55	6.34	9.19	0	180.7
20071201:1156	624.13	437.73	164.74	5.74	15.51	7.47	10.04	0	185.7
20071201:1256	551.54	383.84	150.94	5.13	14.2	8.6	10.9	0	164.1
20071201:1356	302.31	188.12	112.87	3.22	10.74	8.39	10.04	0	89.9
20071201:1456	186.45	142.81	54.57	1.52	5.42	8.18	9.19	0	55.5
20071201:1556	0	0	0	0	0	7.97	8.33	0	0.0
20071201:1656	0	0	0	0	0	7.67	8.28	0	0.0
20071201:1756	0	0	0	0	0	7.36	8.23	0	0.0
20071201:1856	0	0	0	0	0	7.05	8.18	0	0.0
20071201:1956	0	0	0	0	0	6.88	8.42	0	0.0
20071201:2056	0	0	0	0	0	6.71	8.66	0	0.0
20071201:2156	0	0	0	0	0	6.53	8.9	0	0.0
20071201:2256	0	0	0	0	0	6.85	9.18	0	0.0
20071201:2356	0	0	0	0	0	7.17	9.47	0	0.0
20071202:0056	0	0	0	0	0	7.49	9.75	0	0.0
20071202:0156	0	0	0	0	0	7.42	9.6	0	0.0
20071202:0256	0	0	0	0	0	7.35	9.44	0	0.0
20071202:0356	0	0	0	0	0	7.27	9.28	0	0.0
20071202:0456	0	0	0	0	0	7.36	8.9	0	0.0
20071202:0556	0	0	0	0	0	7.44	8.51	0	0.0
20071202:0656	0	0	0	0	0	7.53	8.12	0	0.0
20071202:0756	0	0	0	0	0	7.83	8.17	0	0.0
20071202:0856	174.2	125.07	56.96	1.38	6.18	8.13	8.23	0	51.8
20071202:0956	0	0	5.31	0.15	11.23	8.43	8.28	0	0.0
20071202:1056	13.51	0	24.83	0.69	14.38	9.43	9.67	0	4.0
20071202:1156	591.24	418.29	158.75	5.51	15.36	10.43	11.07	0	175.9
20071202:1256	521.89	366.17	145.33	4.92	14.06	11.43	12.47	0	155.3
20071202:1356	377.19	259.77	114.49	3.47	10.62	10.74	12.07	0	112.2
20071202:1456	101.74	87.08	29.9	0.96	5.32	10.06	11.67	0	30.3
20071202:1556	0	0	0	0	0	9.37	11.27	0	0.0
20071202:1656	0	0	0	0	0	8.97	11.13	0	0.0
20071202:1756	0	0	0	0	0	8.57	10.99	0	0.0
20071202:1856	0	0	0	0	0	8.17	10.86	0	0.0
20071202:1956	0	0	0	0	0	7.81	10.22	0	0.0
20071202:2056	0	0	0	0	0	7.45	9.58	0	0.0
20071202:2156	0	0	0	0	0	7.08	8.94	0	0.0
20071202:2256	0	0	0	0	0	6.95	8.41	0	0.0
20071202:2356	0	0	0	0	0	6.82	7.88	0	0.0
20071203:0056	0	0	0	0	0	6.68	7.35	0	0.0
20071203:0156	0	0	0	0	0	6.44	7.57	0	0.0
20071203:0256	0	0	0	0	0	6.2	7.78	0	0.0
20071203:0356	0	0	0	0	0	5.95	8	0	0.0
20071203:0456	0	0	0	0	0	5.69	8.03	0	0.0
20071203:0556	0	0	0	0	0	5.43	8.06	0	0.0
20071203:0656	0	0	0	0	0	5.17	8.1	0	0.0
20071203:0756	0	0	0	0	0	5.12	7.89	0	0.0
20071203:0856	172.1	110.89	67.1	1.51	6.01	5.06	7.69	0	51.2
20071203:0956	171.2	110.7	64.97	1.99	11.07	5.01	7.49	0	50.9
20071203:1056	326.68	217.28	101.74	3.4	14.23	6.08	7.49	0	97.2
20071203:1156	408.06	265.5	131.57	4.31	15.21	7.15	7.48	0	121.4
20071203:1256	354.8	230.41	118.76	3.84	13.93	8.22	7.48	0	105.6
20071203:1356	285.58	188.04	97.58	2.92	10.51	8.03	7.72	0	85.0
20071203:1456	0	0	2.37	0.07	5.23	7.85	7.97	0	0.0
20071203:1556	0	0	0	0	0	7.66	8.22	0	0.0
20071203:1656	0	0	0	0	0	7.3	8.21	0	0.0
20071203:1756	0	0	0	0	0	6.93	8.19	0	0.0
20071203:1856	0	0	0	0	0	6.56	8.18	0	0.0
20071203:1956	0	0	0	0	0	6.36	7.83	0	0.0
20071203:2056	0	0	0	0	0	6.15	7.49	0	0.0
20071203:2156	0	0	0	0	0	5.94	7.14	0	0.0
20071203:2256	0	0	0	0	0	5.73	6.79	0	0.0
20071203:2356	0	0	0	0	0	5.51	6.43	0	0.0
20071204:0056	0	0	0	0	0	5.29	6.07	0	0.0
20071204:0156	0	0	0	0	0	5.01	5.46	0	0.0
20071204:0256	0	0	0	0	0	4.73	4.85	0	0.0
20071204:0356	0	0	0	0	0	4.44	4.23	0	0.0
20071204:0456	0	0	0	0	0	4.64	4.04	0	0.0
20071204:0556	0	0	0	0	0	4.85	3.84	0	0.0
20071204:0656	0	0	0	0	0	5.05	3.64	0	0.0
20071204:0756	0	0	0	0	0	5.4	3.89	0	0.0
20071204:0856	185.8	120.75	71.38	1.55	5.85	5.75	4.15	0	55.3
20071204:0956	237.82	157.78	81.2	2.42	10.91	6.11	4.4	0	70.8
20071204:1056	377.24	256.08	114.26	3.76	14.08	7.4	5.27	0	112.2
20071204:1156	453.26	301.37	143.52	4.64	15.07	8.69	6.14	0	134.8
20071204:1256	350.2	233.77	114.06	3.75	13.81	9.99	7.01	0	104.2
20071204:1356	256.78	169.45	92.59	2.75	10.4	10.85	7.25	0	76.4
20071204:1456	0	0	2.37	0.07	5.15	11.71	7.49	0	0.0
20071204:1556	0	0	0	0	0	12.57	7.72	0	0.0
20071204:1656	0	0	0	0	0	12.41	7.88	0	0.0
20071204:1756	0	0	0	0	0	12.25	8.04	0	0.0
20071204:1856	0	0	0	0	0	12.08	8.19	0	0.0
20071204:1956	0	0	0	0	0	12.01	8.48	0	0.0
20071204:2056	0	0	0	0	0	11.94	8.76	0	0.0
20071204:2156	0	0	0	0	0	11.86	9.05	0	0.0
20071204:2256	0	0	0	0	0	11.95	9.27	0	0.0
20071204:2356	0	0	0	0	0	12.03	9.5	0	0.0
20071205:0056	0	0	0	0	0	12.11	9.72	0	0.0
20071205:0156	0	0	0	0	0	12.33	10.11	0	0.0
20071205:0256	0	0	0	0	0	12.55	10.51	0	0.0
20071205:0356	0	0	0	0	0	12.76	10.9	0	0.0
20071205:0456	0	0	0	0	0	12.68	10.99	0	0.0
20071205:0556	0	0	0	0	0	12.6	11.08	0	0.0
20071205:0656	0	0	0	0	0	12.52	11.17	0	0.0
20071205:0756	0	0	0	0	0	12.37	10.84	0	0.0
20071205:0856	160.63	120.2	51.88	1.28	5.69	12.21	10.5	0	47.8

20071205:0956	285.99	197.05	91.7	2.69	10.76	12.06	10.17	0	85.1
20071205:1056	386.68	259.9	123.46	3.9	13.93	11.98	10.48	0	115.0
20071205:1156	423.58	272.92	145.59	4.52	14.94	11.91	10.8	0	126.0
20071205:1256	314.54	199.2	115.75	3.61	13.7	11.84	11.12	0	93.6
20071205:1356	241.89	154.03	93.8	2.71	10.31	11.53	10.51	0	72.0
20071205:1456	113.86	86.42	42.88	1.18	5.07	11.22	9.91	0	33.9
20071205:1556	0	0	0	0	0	10.91	9.31	0	0.0
20071205:1656	0	0	0	0	0	10.39	9.22	0	0.0
20071205:1756	0	0	0	0	0	9.87	9.13	0	0.0
20071205:1856	0	0	0	0	0	9.35	9.03	0	0.0
20071205:1956	0	0	0	0	0	9.14	9.04	0	0.0
20071205:2056	0	0	0	0	0	8.93	9.04	0	0.0
20071205:2156	0	0	0	0	0	8.71	9.05	0	0.0
20071205:2256	0	0	0	0	0	8.67	8.92	0	0.0
20071205:2356	0	0	0	0	0	8.63	8.8	0	0.0
20071206:0056	0	0	0	0	0	8.59	8.68	0	0.0
20071206:0156	0	0	0	0	0	8.57	8.41	0	0.0
20071206:0256	0	0	0	0	0	8.55	8.15	0	0.0
20071206:0356	0	0	0	0	0	8.53	7.89	0	0.0
20071206:0456	0	0	0	0	0	8.95	7.36	0	0.0
20071206:0556	0	0	0	0	0	9.38	6.83	0	0.0
20071206:0656	0	0	0	0	0	9.8	6.3	0	0.0
20071206:0756	0	0	0	0	0	10.48	6.6	0	0.0
20071206:0856	216.61	157.96	67.15	1.52	5.54	11.15	6.9	0	64.4
20071206:0956	317.24	216.98	102.55	2.89	10.61	11.83	7.2	0	94.4
20071206:1056	405.48	268.46	135.63	4.1	13.79	12.17	7.5	0	120.6
20071206:1156	393.89	257.22	135.84	4.27	14.82	12.51	7.8	0	117.2
20071206:1256	320.34	194.93	128.46	3.81	13.59	12.85	8.1	0	95.3
20071206:1356	258.48	169.13	96.98	2.8	10.22	13.25	8.39	0	76.9
20071206:1456	117.76	89.09	45.44	1.22	5	13.64	8.68	0	35.0
20071206:1556	0	0	0	0	0	14.04	8.98	0	0.0
20071206:1656	0	0	0	0	0	13.61	8.64	0	0.0
20071206:1756	0	0	0	0	0	13.18	8.31	0	0.0
20071206:1856	0	0	0	0	0	12.75	7.97	0	0.0
20071206:1956	0	0	0	0	0	12.74	9.28	0	0.0
20071206:2056	0	0	0	0	0	12.72	10.59	0	0.0
20071206:2156	0	0	0	0	0	12.7	11.9	0	0.0
20071206:2256	0	0	0	0	0	12.62	12.4	0	0.0
20071206:2356	0	0	0	0	0	12.54	12.91	0	0.0
20071207:0056	0	0	0	0	0	12.46	13.41	0	0.0
20071207:0156	0	0	0	0	0	11.62	12.98	0	0.0
20071207:0256	0	0	0	0	0	10.78	12.56	0	0.0
20071207:0356	0	0	0	0	0	9.93	12.14	0	0.0
20071207:0456	0	0	0	0	0	9.27	11.88	0	0.0
20071207:0556	0	0	0	0	0	8.62	11.63	0	0.0
20071207:0656	0	0	0	0	0	7.96	11.38	0	0.0
20071207:0756	0	0	0	0	0	7.42	10.56	0	0.0
20071207:0856	226.69	161.73	68.03	1.52	5.39	6.87	9.73	0	67.4
20071207:0956	266.97	181.49	82.98	2.46	10.47	6.33	8.91	0	79.4
20071207:1056	376.19	237.5	128.43	3.85	13.66	6.96	9.31	0	111.9
20071207:1156	337.83	202.95	127.99	3.9	14.7	7.6	9.72	0	100.5
20071207:1256	268.06	151.3	116.14	3.42	13.49	8.24	10.12	0	79.7
20071207:1356	261.92	165.7	97.22	2.78	10.14	7.99	9.69	0	77.9
20071207:1456	104.92	76.34	42.47	1.15	4.93	7.74	9.26	0	31.2
20071207:1556	0	0	0	0	0	7.49	8.83	0	0.0
20071207:1656	0	0	0	0	0	6.9	8.86	0	0.0
20071207:1756	0	0	0	0	0	6.31	8.88	0	0.0
20071207:1856	0	0	0	0	0	5.72	8.91	0	0.0
20071207:1956	0	0	0	0	0	5.51	8.68	0	0.0
20071207:2056	0	0	0	0	0	5.29	8.44	0	0.0
20071207:2156	0	0	0	0	0	5.07	8.21	0	0.0
20071207:2256	0	0	0	0	0	4.97	7.9	0	0.0
20071207:2356	0	0	0	0	0	4.87	7.6	0	0.0
20071208:0056	0	0	0	0	0	4.77	7.3	0	0.0
20071208:0156	0	0	0	0	0	4.64	6.79	0	0.0
20071208:0256	0	0	0	0	0	4.51	6.28	0	0.0
20071208:0356	0	0	0	0	0	4.37	5.77	0	0.0
20071208:0456	0	0	0	0	0	4.26	5.4	0	0.0
20071208:0556	0	0	0	0	0	4.14	5.03	0	0.0
20071208:0656	0	0	0	0	0	4.03	4.66	0	0.0
20071208:0756	0	0	0	0	0	4.04	4.91	0	0.0
20071208:0856	233.31	165.54	68.92	1.52	5.25	4.05	5.16	0	69.4
20071208:0956	257.96	167.81	87.3	2.47	10.33	4.06	5.41	0	76.7
20071208:1056	344.42	213.07	121.02	3.62	13.54	4.23	6.26	0	102.5
20071208:1156	336.93	203.4	123.35	3.8	14.59	4.41	7.12	0	100.2
20071208:1256	300.22	172.7	120.66	3.56	13.4	4.59	7.97	0	89.3
20071208:1356	262.55	161.01	100.29	2.8	10.07	5.73	8.61	0	78.1
20071208:1456	104.29	75.32	42.45	1.14	4.88	6.88	9.24	0	31.0
20071208:1556	0	0	0	0	0	8.02	9.88	0	0.0
20071208:1656	0	0	0	0	0	8.82	9.76	0	0.0
20071208:1756	0	0	0	0	0	9.62	9.64	0	0.0
20071208:1856	0	0	0	0	0	10.42	9.52	0	0.0
20071208:1956	0	0	0	0	0	9.62	9.36	0	0.0
20071208:2056	0	0	0	0	0	8.82	9.2	0	0.0
20071208:2156	0	0	0	0	0	8.02	9.05	0	0.0
20071208:2256	0	0	0	0	0	7.48	8.71	0	0.0
20071208:2356	0	0	0	0	0	6.94	8.37	0	0.0
20071209:0056	0	0	0	0	0	6.4	8.03	0	0.0
20071209:0156	0	0	0	0	0	6.19	7.91	0	0.0
20071209:0256	0	0	0	0	0	5.98	7.8	0	0.0
20071209:0356	0	0	0	0	0	5.77	7.68	0	0.0
20071209:0456	0	0	0	0	0	5.49	7.33	0	0.0
20071209:0556	0	0	0	0	0	5.21	6.97	0	0.0
20071209:0656	0	0	0	0	0	4.93	6.62	0	0.0
20071209:0756	0	0	0	0	0	4.95	6.67	0	0.0
20071209:0856	134.48	96.73	46.52	1.14	5.11	4.97	6.71	0	40.0
20071209:0956	265.76	175.39	87.34	2.47	10.21	4.99	6.76	0	79.1
20071209:1056	302.55	189.96	107.04	3.27	13.42	5.66	6.51	0	90.0
20071209:1156	319.53	190.59	123.33	3.74	14.49	6.33	6.26	0	95.1
20071209:1256	317.65	195.1	118.58	3.58	13.31	7	6.01	0	94.5
20071209:1356	270.48	169.53	101.95	2.84	10	6.77	4.91	0	80.5
20071209:1456	99.29	72.74	40.45	1.1	4.83	6.53	3.8	0	29.5
20071209:1556	0	0	0	0	0	6.3	2.69	0	0.0
20071209:1656	0	0	0	0	0	5.95	4.03	0	0.0
20071209:1756	0	0	0	0	0	5.6	5.37	0	0.0
20071209:1856	0	0	0	0	0	5.25	6.7	0	0.0
20071209:1956	0	0	0	0	0	5.19	6.66	0	0.0

20071209:2056	0	0	0	0	0	5.13	6.62	0	0.0
20071209:2156	0	0	0	0	0	5.06	6.58	0	0.0
20071209:2256	0	0	0	0	0	5.29	6.97	0	0.0
20071209:2356	0	0	0	0	0	5.51	7.35	0	0.0
20071210:0056	0	0	0	0	0	5.73	7.74	0	0.0
20071210:0156	0	0	0	0	0	5.76	7.85	0	0.0
20071210:0256	0	0	0	0	0	5.79	7.97	0	0.0
20071210:0356	0	0	0	0	0	5.81	8.08	0	0.0
20071210:0456	0	0	0	0	0	5.62	8.63	0	0.0
20071210:0556	0	0	0	0	0	5.44	9.17	0	0.0
20071210:0656	0	0	0	0	0	5.25	9.71	0	0.0
20071210:0756	0	0	0	0	0	5.04	9.78	0	0.0
20071210:0856	135.4	97.49	46.27	1.12	4.99	4.83	9.86	0	40.3
20071210:0956	253.38	161.83	88.29	2.44	10.08	4.62	9.93	0	75.4
20071210:1056	256.2	149.95	102.77	3.05	13.31	5.1	9.77	0	76.2
20071210:1156	298.69	175.11	116.99	3.55	14.4	5.58	9.62	0	88.9
20071210:1256	329.01	199.95	121.2	3.64	13.24	6.06	9.46	0	97.9
20071210:1356	378.48	255.77	113.14	3.26	9.94	5.84	9.23	0	112.6
20071210:1456	101.91	74.35	40.55	1.1	4.78	5.62	8.99	0	30.3
20071210:1556	0	0	0	0	0	5.4	8.76	0	0.0
20071210:1656	0	0	0	0	0	4.92	8.49	0	0.0
20071210:1756	0	0	0	0	0	4.44	8.22	0	0.0
20071210:1856	0	0	0	0	0	3.96	7.94	0	0.0
20071210:1956	0	0	0	0	0	3.64	7.61	0	0.0
20071210:2056	0	0	0	0	0	3.32	7.27	0	0.0
20071210:2156	0	0	0	0	0	3	6.94	0	0.0
20071210:2256	0	0	0	0	0	2.96	6.57	0	0.0
20071210:2356	0	0	0	0	0	2.91	6.19	0	0.0
20071211:0056	0	0	0	0	0	2.86	5.82	0	0.0
20071211:0156	0	0	0	0	0	1.85	5.14	0	0.0
20071211:0256	0	0	0	0	0	0.84	4.47	0	0.0
20071211:0356	0	0	0	0	0	-0.18	3.79	0	0.0
20071211:0456	0	0	0	0	0	-0.46	3.66	0	0.0
20071211:0556	0	0	0	0	0	-0.75	3.54	0	0.0
20071211:0656	0	0	0	0	0	-1.03	3.41	0	0.0
20071211:0756	0	0	0	0	0	-0.84	3.36	0	0.0
20071211:0856	157.12	113.51	47.71	1.15	4.86	-0.66	3.31	0	46.7
20071211:0956	254.45	164.39	83.87	2.36	9.97	-0.47	3.26	0	75.7
20071211:1056	294.05	176.32	109.43	3.24	13.21	1.28	3.57	0	87.5
20071211:1156	348.19	216.47	121.38	3.77	14.31	3.04	3.88	0	103.6
20071211:1256	520.84	361.78	145	4.66	13.17	4.8	4.19	0	154.9
20071211:1356	270.19	171.72	97.62	2.75	9.89	4.38	3.46	0	80.4
20071211:1456	117.34	87.84	41.7	1.13	4.75	3.97	2.72	0	34.9
20071211:1556	0	0	0	0	0	3.55	1.99	0	0.0
20071211:1656	0	0	0	0	0	2.25	2.07	0	0.0
20071211:1756	0	0	0	0	0	0.95	2.15	0	0.0
20071211:1856	0	0	0	0	0	-0.36	2.23	0	0.0
20071211:1956	0	0	0	0	0	-0.92	2	0	0.0
20071211:2056	0	0	0	0	0	-1.48	1.76	0	0.0
20071211:2156	0	0	0	0	0	-2.04	1.52	0	0.0
20071211:2256	0	0	0	0	0	-2.3	1.38	0	0.0
20071211:2356	0	0	0	0	0	-2.57	1.24	0	0.0
20071212:0056	0	0	0	0	0	-2.84	1.1	0	0.0
20071212:0156	0	0	0	0	0	-1.8	1.21	0	0.0
20071212:0256	0	0	0	0	0	-0.77	1.32	0	0.0
20071212:0356	0	0	0	0	0	0.26	1.43	0	0.0
20071212:0456	0	0	0	0	0	0.14	1.79	0	0.0
20071212:0556	0	0	0	0	0	0.03	2.15	0	0.0
20071212:0656	0	0	0	0	0	-0.09	2.51	0	0.0
20071212:0756	0	0	0	0	0	0.01	2.32	0	0.0
20071212:0856	247.48	183.42	62.04	1.39	4.75	0.11	2.12	0	73.6
20071212:0956	476.2	321.74	138.75	3.52	9.86	0.22	1.93	0	141.7
20071212:1056	571.65	400	155.85	4.77	13.11	1.53	2.18	0	170.1
20071212:1156	595.84	421.11	161.34	5.26	14.23	2.84	2.43	0	177.3
20071212:1256	531.87	372.59	148.37	4.74	13.1	4.15	2.68	0	158.2
20071212:1356	414.19	280.76	126.91	3.51	9.84	3.87	2.42	0	123.2
20071212:1456	187.3	143.49	52.8	1.39	4.72	3.6	2.17	0	55.7
20071212:1556	0	0	0	0	0	3.32	1.92	0	0.0
20071212:1656	0	0	0	0	0	2.42	2.06	0	0.0
20071212:1756	0	0	0	0	0	1.52	2.19	0	0.0
20071212:1856	0	0	0	0	0	0.61	2.33	0	0.0
20071212:1956	0	0	0	0	0	0.45	2.38	0	0.0
20071212:2056	0	0	0	0	0	0.28	2.42	0	0.0
20071212:2156	0	0	0	0	0	0.11	2.47	0	0.0
20071212:2256	0	0	0	0	0	0.1	2.43	0	0.0
20071212:2356	0	0	0	0	0	0.08	2.4	0	0.0
20071213:0056	0	0	0	0	0	0.06	2.36	0	0.0
20071213:0156	0	0	0	0	0	-0.21	2.35	0	0.0
20071213:0256	0	0	0	0	0	-0.49	2.34	0	0.0
20071213:0356	0	0	0	0	0	-0.77	2.33	0	0.0
20071213:0456	0	0	0	0	0	-0.88	2.34	0	0.0
20071213:0556	0	0	0	0	0	-0.98	2.35	0	0.0
20071213:0656	0	0	0	0	0	-1.09	2.36	0	0.0
20071213:0756	0	0	0	0	0	-0.89	2.41	0	0.0
20071213:0856	243.79	179.98	60.99	1.36	4.64	-0.69	2.47	0	72.5
20071213:0956	475.36	318.52	137.78	3.47	9.76	-0.49	2.52	0	141.4
20071213:1056	572.04	396.79	154.98	4.72	13.03	1.1	2.93	0	170.2
20071213:1156	597.09	418.61	160.53	5.22	14.16	2.7	3.34	0	177.6
20071213:1256	532.6	370.57	147.89	4.7	13.05	4.3	3.75	0	158.4
20071213:1356	413.92	279.33	126.51	3.49	9.81	3.86	3.14	0	123.1
20071213:1456	186.79	142.89	52.56	1.38	4.7	3.43	2.52	0	55.6
20071213:1556	0	0	0	0	0	2.99	1.9	0	0.0
20071213:1656	0	0	0	0	0	2.05	2.07	0	0.0
20071213:1756	0	0	0	0	0	1.11	2.23	0	0.0
20071213:1856	0	0	0	0	0	0.16	2.4	0	0.0
20071213:1956	0	0	0	0	0	0.03	2.31	0	0.0
20071213:2056	0	0	0	0	0	-0.1	2.23	0	0.0
20071213:2156	0	0	0	0	0	-0.23	2.14	0	0.0
20071213:2256	0	0	0	0	0	-0.09	2.08	0	0.0
20071213:2356	0	0	0	0	0	0.05	2.02	0	0.0
20071214:0056	0	0	0	0	0	0.18	1.96	0	0.0
20071214:0156	0	0	0	0	0	-0.11	1.84	0	0.0
20071214:0256	0	0	0	0	0	-0.4	1.72	0	0.0
20071214:0356	0	0	0	0	0	-0.7	1.6	0	0.0
20071214:0456	0	0	0	0	0	-0.5	1.57	0	0.0
20071214:0556	0	0	0	0	0	-0.3	1.54	0	0.0
20071214:0656	0	0	0	0	0	-0.1	1.52	0	0.0

20071214:0756	0	0	0	0	0	0.18	1.73	0	0.0
20071214:0856	10.06	0.39	19.61	0.55	4.53	0.46	1.95	0	3.0
20071214:0956	30.93	0.66	42.22	1.17	9.67	0.75	2.17	0	9.2
20071214:1056	38.66	0.18	50.65	1.41	12.95	1.34	2.38	0	11.5
20071214:1156	58.51	2.67	67.76	1.89	14.09	1.93	2.59	0	17.4
20071214:1256	24.54	0	36.45	1.01	13	2.52	2.8	0	7.3
20071214:1356	30.87	0.57	42.51	1.18	9.78	2.44	2.53	0	9.2
20071214:1456	10.04	0.3	19.82	0.55	4.69	2.35	2.26	0	3.0
20071214:1556	0	0	0	0	0	2.27	1.99	0	0.0
20071214:1656	0	0	0	0	0	2.13	2.01	0	0.0
20071214:1756	0	0	0	0	0	1.98	2.03	0	0.0
20071214:1856	0	0	0	0	0	1.83	2.06	0	0.0
20071214:1956	0	0	0	0	0	1.81	2.23	0	0.0
20071214:2056	0	0	0	0	0	1.79	2.41	0	0.0
20071214:2156	0	0	0	0	0	1.77	2.59	0	0.0
20071214:2256	0	0	0	0	0	1.86	2.47	0	0.0
20071214:2356	0	0	0	0	0	1.95	2.34	0	0.0
20071215:0056	0	0	0	0	0	2.04	2.22	0	0.0
20071215:0156	0	0	0	0	0	1.92	2.43	0	0.0
20071215:0256	0	0	0	0	0	1.8	2.63	0	0.0
20071215:0356	0	0	0	0	0	1.68	2.84	0	0.0
20071215:0456	0	0	0	0	0	1.82	3.06	0	0.0
20071215:0556	0	0	0	0	0	1.96	3.28	0	0.0
20071215:0656	0	0	0	0	0	2.1	3.5	0	0.0
20071215:0756	0	0	0	0	0	2.2	3.62	0	0.0
20071215:0856	20.94	7.12	25.47	0.7	4.44	2.3	3.73	0	6.2
20071215:0956	55.97	12.82	55.17	1.53	9.58	2.4	3.85	0	16.7
20071215:1056	29.47	0	41.67	1.16	12.87	2.88	4.25	0	8.8
20071215:1156	52.67	1.17	63.89	1.78	14.04	3.36	4.65	0	15.7
20071215:1256	137.86	46.1	99.04	2.77	12.96	3.84	5.05	0	41.0
20071215:1356	54.18	11.26	55.37	1.55	9.75	3.72	4.91	0	16.1
20071215:1456	19.52	5.67	25.63	0.71	4.68	3.6	4.77	0	5.8
20071215:1556	0	0	0	0	0	3.48	4.63	0	0.0
20071215:1656	0	0	0	0	0	3.29	4.29	0	0.0
20071215:1756	0	0	0	0	0	3.1	3.94	0	0.0
20071215:1856	0	0	0	0	0	2.91	3.59	0	0.0
20071215:1956	0	0	0	0	0	2.76	3.55	0	0.0
20071215:2056	0	0	0	0	0	2.61	3.52	0	0.0
20071215:2156	0	0	0	0	0	2.45	3.49	0	0.0
20071215:2256	0	0	0	0	0	2.2	3.19	0	0.0
20071215:2356	0	0	0	0	0	1.95	2.88	0	0.0
20071216:0056	0	0	0	0	0	1.7	2.58	0	0.0
20071216:0156	0	0	0	0	0	0.87	2.45	0	0.0
20071216:0256	0	0	0	0	0	0.04	2.31	0	0.0
20071216:0356	0	0	0	0	0	-0.79	2.18	0	0.0
20071216:0456	0	0	0	0	0	-0.66	2.45	0	0.0
20071216:0556	0	0	0	0	0	-0.53	2.71	0	0.0
20071216:0656	0	0	0	0	0	-0.4	2.98	0	0.0
20071216:0756	0	0	0	0	0	-0.2	3.18	0	0.0
20071216:0856	80.4	57.97	32.94	0.84	4.35	0	3.38	0	23.9
20071216:0956	177.67	105.22	74.04	2.01	9.5	0.21	3.59	0	52.9
20071216:1056	42.58	0.36	54.28	1.51	12.81	1.09	3.99	0	12.7
20071216:1156	51.78	0.67	63.19	1.76	13.99	1.98	4.4	0	15.4
20071216:1256	562.96	388.42	153.54	4.82	12.93	2.87	4.8	0	167.5
20071216:1356	160.18	93.97	71.65	2.06	9.74	2.84	3.97	0	47.7
20071216:1456	66.44	48.11	31.59	0.88	4.68	2.8	3.14	0	19.8
20071216:1556	0	0	0	0	0	2.77	2.32	0	0.0
20071216:1656	0	0	0	0	0	1.87	2.29	0	0.0
20071216:1756	0	0	0	0	0	0.97	2.26	0	0.0
20071216:1856	0	0	0	0	0	0.07	2.23	0	0.0
20071216:1956	0	0	0	0	0	-0.27	2.26	0	0.0
20071216:2056	0	0	0	0	0	-0.61	2.28	0	0.0
20071216:2156	0	0	0	0	0	-0.96	2.3	0	0.0
20071216:2256	0	0	0	0	0	-0.77	2.39	0	0.0
20071216:2356	0	0	0	0	0	-0.59	2.48	0	0.0
20071217:0056	0	0	0	0	0	-0.41	2.57	0	0.0
20071217:0156	0	0	0	0	0	-0.28	2.86	0	0.0
20071217:0256	0	0	0	0	0	-0.15	3.16	0	0.0
20071217:0356	0	0	0	0	0	-0.02	3.46	0	0.0
20071217:0456	0	0	0	0	0	0.4	3.89	0	0.0
20071217:0556	0	0	0	0	0	0.81	4.31	0	0.0
20071217:0656	0	0	0	0	0	1.23	4.73	0	0.0
20071217:0756	0	0	0	0	0	1.36	4.67	0	0.0
20071217:0856	76.17	53.22	34.17	0.86	4.27	1.49	4.61	0	22.7
20071217:0956	171.08	97.12	76.99	2.05	9.43	1.63	4.55	0	50.9
20071217:1056	551.66	378.73	149.54	4.51	12.75	2.19	4.96	0	164.1
20071217:1156	61.47	3.7	69.68	1.95	13.94	2.76	5.37	0	18.3
20071217:1256	54.49	3.39	63.39	1.77	12.91	3.33	5.78	0	16.2
20071217:1356	156.59	87.24	74.94	2.11	9.73	3.21	6.09	0	46.6
20071217:1456	64.86	44.84	33.17	0.91	4.69	3.08	6.4	0	19.3
20071217:1556	0	0	0	0	0	2.96	6.7	0	0.0
20071217:1656	0	0	0	0	0	2.78	6.66	0	0.0
20071217:1756	0	0	0	0	0	2.59	6.62	0	0.0
20071217:1856	0	0	0	0	0	2.4	6.58	0	0.0
20071217:1956	0	0	0	0	0	2.19	6.23	0	0.0
20071217:2056	0	0	0	0	0	1.97	5.89	0	0.0
20071217:2156	0	0	0	0	0	1.75	5.54	0	0.0
20071217:2256	0	0	0	0	0	1.71	5.15	0	0.0
20071217:2356	0	0	0	0	0	1.67	4.76	0	0.0
20071218:0056	0	0	0	0	0	1.62	4.37	0	0.0
20071218:0156	0	0	0	0	0	1.61	3.95	0	0.0
20071218:0256	0	0	0	0	0	1.6	3.54	0	0.0
20071218:0356	0	0	0	0	0	1.58	3.12	0	0.0
20071218:0456	0	0	0	0	0	1.42	3.08	0	0.0
20071218:0556	0	0	0	0	0	1.27	3.04	0	0.0
20071218:0656	0	0	0	0	0	1.11	3.01	0	0.0
20071218:0756	0	0	0	0	0	1.29	3.09	0	0.0
20071218:0856	159.82	119.76	45.6	1.06	4.19	1.47	3.18	0	47.5
20071218:0956	42.26	12.37	42	1.18	9.37	1.65	3.27	0	12.6
20071218:1056	39.49	0.36	51.47	1.43	12.7	2.43	3.64	0	11.7
20071218:1156	30.13	0	42.42	1.18	13.91	3.21	4.01	0	9.0
20071218:1256	34.39	0	46.94	1.31	12.89	4	4.39	0	10.2
20071218:1356	41.18	11.13	42.67	1.21	9.73	3.89	4.18	0	12.3
20071218:1456	14.37	5.68	19.82	0.56	4.7	3.79	3.97	0	4.3
20071218:1556	0	0	0	0	0	3.68	3.77	0	0.0
20071218:1656	0	0	0	0	0	3.39	3.86	0	0.0
20071218:1756	0	0	0	0	0	3.1	3.96	0	0.0

20071218:1856	0	0	0	0	0	2.8	4.06	0	0.0
20071218:1956	0	0	0	0	0	2.77	3.99	0	0.0
20071218:2056	0	0	0	0	0	2.73	3.92	0	0.0
20071218:2156	0	0	0	0	0	2.69	3.85	0	0.0
20071218:2256	0	0	0	0	0	2.74	3.62	0	0.0
20071218:2356	0	0	0	0	0	2.79	3.4	0	0.0
20071219:0056	0	0	0	0	0	2.83	3.17	0	0.0
20071219:0156	0	0	0	0	0	2.93	3.3	0	0.0
20071219:0256	0	0	0	0	0	3.03	3.42	0	0.0
20071219:0356	0	0	0	0	0	3.13	3.54	0	0.0
20071219:0456	0	0	0	0	0	3.04	3.54	0	0.0
20071219:0556	0	0	0	0	0	2.94	3.54	0	0.0
20071219:0656	0	0	0	0	0	2.84	3.54	0	0.0
20071219:0756	0	0	0	0	0	2.68	3.52	0	0.0
20071219:0856	111.34	74.25	46.76	1.09	4.12	2.52	3.49	0	33.1
20071219:0956	247.32	137.45	107.74	2.64	9.31	2.36	3.46	0	73.6
20071219:1056	550.34	381.48	150.48	4.51	12.66	3.25	4.09	0	163.7
20071219:1156	132.76	39.51	101.1	2.83	13.88	4.14	4.71	0	39.5
20071219:1256	240.35	117.93	122.27	3.38	12.88	5.03	5.34	0	71.5
20071219:1356	227.59	125.02	104.35	2.74	9.74	4.85	4.99	0	67.7
20071219:1456	97.59	64.67	45.65	1.18	4.72	4.67	4.64	0	29.0
20071219:1556	0	0	0	0	0	4.49	4.29	0	0.0
20071219:1656	0	0	0	0	0	3.92	4.12	0	0.0
20071219:1756	0	0	0	0	0	3.34	3.95	0	0.0
20071219:1856	0	0	0	0	0	2.76	3.78	0	0.0
20071219:1956	0	0	0	0	0	2.42	3.61	0	0.0
20071219:2056	0	0	0	0	0	2.07	3.45	0	0.0
20071219:2156	0	0	0	0	0	1.72	3.28	0	0.0
20071219:2256	0	0	0	0	0	1.4	2.98	0	0.0
20071219:2356	0	0	0	0	0	1.08	2.68	0	0.0
20071220:0056	0	0	0	0	0	0.75	2.37	0	0.0
20071220:0156	0	0	0	0	0	-0.22	2.57	0	0.0
20071220:0256	0	0	0	0	0	-1.19	2.76	0	0.0
20071220:0356	0	0	0	0	0	-2.16	2.95	0	0.0
20071220:0456	0	0	0	0	0	-2.21	2.76	0	0.0
20071220:0556	0	0	0	0	0	-2.26	2.57	0	0.0
20071220:0656	0	0	0	0	0	-2.31	2.37	0	0.0
20071220:0756	0	0	0	0	0	-1.76	2.5	0	0.0
20071220:0856	14.85	3.85	21.63	0.6	4.06	-1.22	2.62	0	4.4
20071220:0956	106.27	42.68	71.49	1.91	9.26	-0.67	2.74	0	31.6
20071220:1056	43.07	0.73	54.29	1.51	12.62	0.56	3.11	0	12.8
20071220:1156	47.43	0.51	59.08	1.64	13.87	1.79	3.47	0	14.1
20071220:1256	30.2	0	42.46	1.18	12.88	3.03	3.83	0	9.0
20071220:1356	42.82	6.72	48.49	1.36	9.76	2.62	3.49	0	12.7
20071220:1456	14.89	3.27	22.63	0.63	4.75	2.21	3.15	0	4.4
20071220:1556	0	0	0	0	0	1.8	2.81	0	0.0
20071220:1656	0	0	0	0	0	1.56	2.88	0	0.0
20071220:1756	0	0	0	0	0	1.32	2.95	0	0.0
20071220:1856	0	0	0	0	0	1.07	3.02	0	0.0
20071220:1956	0	0	0	0	0	1.03	2.97	0	0.0
20071220:2056	0	0	0	0	0	0.98	2.92	0	0.0
20071220:2156	0	0	0	0	0	0.93	2.87	0	0.0
20071220:2256	0	0	0	0	0	0.89	2.77	0	0.0
20071220:2356	0	0	0	0	0	0.85	2.67	0	0.0
20071221:0056	0	0	0	0	0	0.81	2.57	0	0.0
20071221:0156	0	0	0	0	0	0.78	2.57	0	0.0
20071221:0256	0	0	0	0	0	0.75	2.57	0	0.0
20071221:0356	0	0	0	0	0	0.72	2.58	0	0.0
20071221:0456	0	0	0	0	0	0.59	2.54	0	0.0
20071221:0556	0	0	0	0	0	0.46	2.51	0	0.0
20071221:0656	0	0	0	0	0	0.33	2.47	0	0.0
20071221:0756	0	0	0	0	0	0.26	2.45	0	0.0
20071221:0856	8.33	0	17.85	0.5	4	0.19	2.43	0	2.5
20071221:0956	27.02	0	38.73	1.08	9.21	0.12	2.41	0	8.0
20071221:1056	33.11	0	45.09	1.25	12.59	0.73	2.82	0	9.9
20071221:1156	34.78	0	46.89	1.3	13.85	1.34	3.23	0	10.3
20071221:1256	40.83	0.34	52.73	1.47	12.89	1.95	3.64	0	12.1
20071221:1356	28.18	0	40.18	1.12	9.78	1.78	3.23	0	8.4
20071221:1456	9.07	0	18.86	0.52	4.79	1.6	2.81	0	2.7
20071221:1556	0	0	0	0	0	1.43	2.4	0	0.0
20071221:1656	0	0	0	0	0	1.19	2.33	0	0.0
20071221:1756	0	0	0	0	0	0.95	2.26	0	0.0
20071221:1856	0	0	0	0	0	0.7	2.19	0	0.0
20071221:1956	0	0	0	0	0	0.53	2.28	0	0.0
20071221:2056	0	0	0	0	0	0.36	2.36	0	0.0
20071221:2156	0	0	0	0	0	0.18	2.44	0	0.0
20071221:2256	0	0	0	0	0	0.17	2.63	0	0.0
20071221:2356	0	0	0	0	0	0.15	2.81	0	0.0
20071222:0056	0	0	0	0	0	0.13	2.99	0	0.0
20071222:0156	0	0	0	0	0	-0.22	2.81	0	0.0
20071222:0256	0	0	0	0	0	-0.58	2.63	0	0.0
20071222:0356	0	0	0	0	0	-0.94	2.44	0	0.0
20071222:0456	0	0	0	0	0	-0.68	2.6	0	0.0
20071222:0556	0	0	0	0	0	-0.43	2.75	0	0.0
20071222:0656	0	0	0	0	0	-0.17	2.91	0	0.0
20071222:0756	0	0	0	0	0	0.25	3.01	0	0.0
20071222:0856	51.58	35.83	27.81	0.73	3.95	0.67	3.1	0	15.3
20071222:0956	122.89	66.93	63.16	1.72	9.18	1.1	3.2	0	36.6
20071222:1056	26.92	0	38.91	1.08	12.57	2.11	3.38	0	8.0
20071222:1156	412.26	249.84	149.52	4.29	13.85	3.13	3.56	0	122.6
20071222:1256	43.49	1.02	55.17	1.54	12.9	4.15	3.74	0	12.9
20071222:1356	115.68	62.07	63.44	1.82	9.81	4.76	3.83	0	34.4
20071222:1456	47.49	32.6	28.73	0.8	4.83	5.36	3.93	0	14.1
20071222:1556	0	0	0	0	0	5.97	4.03	0	0.0
20071222:1656	0	0	0	0	0	5.95	3.98	0	0.0
20071222:1756	0	0	0	0	0	5.92	3.93	0	0.0
20071222:1856	0	0	0	0	0	5.89	3.88	0	0.0
20071222:1956	0	0	0	0	0	5.77	3.85	0	0.0
20071222:2056	0	0	0	0	0	5.65	3.83	0	0.0
20071222:2156	0	0	0	0	0	5.52	3.81	0	0.0
20071222:2256	0	0	0	0	0	5.26	3.66	0	0.0
20071222:2356	0	0	0	0	0	4.99	3.5	0	0.0
20071223:0056	0	0	0	0	0	4.72	3.35	0	0.0
20071223:0156	0	0	0	0	0	3.4	2.94	0	0.0
20071223:0256	0	0	0	0	0	2.07	2.53	0	0.0
20071223:0356	0	0	0	0	0	0.74	2.12	0	0.0
20071223:0456	0	0	0	0	0	-0.03	2.19	0	0.0

20071223:0556	0	0	0	0	0	-0.8	2.25	0	0.0
20071223:0656	0	0	0	0	0	-1.57	2.32	0	0.0
20071223:0756	0	0	0	0	0	-1.55	1.89	0	0.0
20071223:0856	197.58	144.6	54.15	1.18	3.91	-1.54	1.46	0	58.8
20071223:0956	417.96	272.17	131.66	3.14	9.15	-1.52	1.03	0	124.3
20071223:1056	437.54	275.01	147.38	4.07	12.56	0.1	1.71	0	130.2
20071223:1156	578.55	405.21	156.84	5.02	13.86	1.72	2.4	0	172.1
20071223:1256	523.78	363.77	145.72	4.59	12.92	3.35	3.08	0	155.8
20071223:1356	387.95	253.69	125.53	3.38	9.85	2.98	3.07	0	115.4
20071223:1456	179.9	133.78	53.74	1.39	4.88	2.61	3.06	0	53.5
20071223:1556	0	0	0	0	0	2.24	3.05	0	0.0
20071223:1656	0	0	0	0	0	1.83	3.23	0	0.0
20071223:1756	0	0	0	0	0	1.41	3.41	0	0.0
20071223:1856	0	0	0	0	0	0.99	3.59	0	0.0
20071223:1956	0	0	0	0	0	1.03	3.63	0	0.0
20071223:2056	0	0	0	0	0	1.07	3.68	0	0.0
20071223:2156	0	0	0	0	0	1.11	3.72	0	0.0
20071223:2256	0	0	0	0	0	1.59	3.84	0	0.0
20071223:2356	0	0	0	0	0	2.07	3.95	0	0.0
20071224:0056	0	0	0	0	0	2.54	4.07	0	0.0
20071224:0156	0	0	0	0	0	3.03	4.46	0	0.0
20071224:0256	0	0	0	0	0	3.52	4.86	0	0.0
20071224:0356	0	0	0	0	0	4.01	5.26	0	0.0
20071224:0456	0	0	0	0	0	4.45	5.5	0	0.0
20071224:0556	0	0	0	0	0	4.89	5.75	0	0.0
20071224:0656	0	0	0	0	0	5.33	6	0	0.0
20071224:0756	0	0	0	0	0	5.43	6.05	0	0.0
20071224:0856	10.4	2.22	18.56	0.51	3.88	5.52	6.1	0	3.1
20071224:0956	32.23	4.36	40.58	1.13	9.13	5.62	6.15	0	9.6
20071224:1056	82.03	18.02	76.04	2.12	12.55	6.25	6.34	0	24.4
20071224:1156	26.42	0	39.04	1.09	13.87	6.88	6.52	0	7.9
20071224:1256	25.85	0	38.51	1.07	12.95	7.52	6.7	0	7.7
20071224:1356	33.35	4	42.49	1.19	9.89	7.77	6.57	0	9.9
20071224:1456	11.22	2.02	19.98	0.56	4.94	8.02	6.45	0	3.3
20071224:1556	0	0	0	0	0	8.27	6.32	0	0.0
20071224:1656	0	0	0	0	0	8.18	6.16	0	0.0
20071224:1756	0	0	0	0	0	8.08	6	0	0.0
20071224:1856	0	0	0	0	0	7.98	5.83	0	0.0
20071224:1956	0	0	0	0	0	7.85	5.84	0	0.0
20071224:2056	0	0	0	0	0	7.72	5.84	0	0.0
20071224:2156	0	0	0	0	0	7.59	5.85	0	0.0
20071224:2256	0	0	0	0	0	7.72	6.23	0	0.0
20071224:2356	0	0	0	0	0	7.85	6.6	0	0.0
20071225:0056	0	0	0	0	0	7.97	6.98	0	0.0
20071225:0156	0	0	0	0	0	8.1	7.14	0	0.0
20071225:0256	0	0	0	0	0	8.22	7.29	0	0.0
20071225:0356	0	0	0	0	0	8.34	7.45	0	0.0
20071225:0456	0	0	0	0	0	8.14	6.98	0	0.0
20071225:0556	0	0	0	0	0	7.93	6.51	0	0.0
20071225:0656	0	0	0	0	0	7.73	6.04	0	0.0
20071225:0756	0	0	0	0	0	7.45	5.32	0	0.0
20071225:0856	4.08	0	12.5	0.35	3.85	7.17	4.61	0	1.2
20071225:0956	15.83	0	27.33	0.76	9.11	6.89	3.89	0	4.7
20071225:1056	28.93	0	41.72	1.16	12.56	6.69	3.46	0	8.6
20071225:1156	2.14	0	9.48	0.26	13.89	6.49	3.03	0	0.6
20071225:1256	38.97	0.34	51.77	1.44	12.99	6.29	2.59	0	11.6
20071225:1356	17.23	0	28.82	0.8	9.94	5.78	2.96	0	5.1
20071225:1456	4.9	0	13.6	0.38	5.01	5.27	3.32	0	1.5
20071225:1556	0	0	0	0	0	4.76	3.68	0	0.0
20071225:1656	0	0	0	0	0	4.27	3.7	0	0.0
20071225:1756	0	0	0	0	0	3.78	3.72	0	0.0
20071225:1856	0	0	0	0	0	3.29	3.74	0	0.0
20071225:1956	0	0	0	0	0	3.07	4.01	0	0.0
20071225:2056	0	0	0	0	0	2.85	4.29	0	0.0
20071225:2156	0	0	0	0	0	2.62	4.57	0	0.0
20071225:2256	0	0	0	0	0	3.07	5.13	0	0.0
20071225:2356	0	0	0	0	0	3.52	5.69	0	0.0
20071226:0056	0	0	0	0	0	3.97	6.25	0	0.0
20071226:0156	0	0	0	0	0	4.06	5.83	0	0.0
20071226:0256	0	0	0	0	0	4.15	5.4	0	0.0
20071226:0356	0	0	0	0	0	4.24	4.98	0	0.0
20071226:0456	0	0	0	0	0	3.63	4.51	0	0.0
20071226:0556	0	0	0	0	0	3.03	4.04	0	0.0
20071226:0656	0	0	0	0	0	2.42	3.57	0	0.0
20071226:0756	0	0	0	0	0	2.2	3.55	0	0.0
20071226:0856	31.52	15.69	28.09	0.75	3.83	1.98	3.53	0	9.4
20071226:0956	82.61	30.28	62.87	1.71	9.11	1.77	3.5	0	24.6
20071226:1056	18.77	0	30.27	0.84	12.57	3.22	3.95	0	5.6
20071226:1156	130.88	39.66	99.56	2.79	13.92	4.67	4.4	0	38.9
20071226:1256	178.31	75.49	108.54	3.03	13.03	6.13	4.84	0	53.0
20071226:1356	81.75	28.77	65.31	1.82	10	6.36	4.84	0	24.3
20071226:1456	32.32	15.28	30.35	0.84	5.08	6.6	4.84	0	9.6
20071226:1556	0	0	0	0	0	6.83	4.84	0	0.0
20071226:1656	0	0	0	0	0	6.43	4.93	0	0.0
20071226:1756	0	0	0	0	0	6.03	5.02	0	0.0
20071226:1856	0	0	0	0	0	5.63	5.1	0	0.0
20071226:1956	0	0	0	0	0	5.54	5.23	0	0.0
20071226:2056	0	0	0	0	0	5.44	5.35	0	0.0
20071226:2156	0	0	0	0	0	5.34	5.48	0	0.0
20071226:2256	0	0	0	0	0	5.7	5.78	0	0.0
20071226:2356	0	0	0	0	0	6.05	6.08	0	0.0
20071227:0056	0	0	0	0	0	6.4	6.39	0	0.0
20071227:0156	0	0	0	0	0	7.19	6.91	0	0.0
20071227:0256	0	0	0	0	0	7.98	7.43	0	0.0
20071227:0356	0	0	0	0	0	8.76	7.96	0	0.0
20071227:0456	0	0	0	0	0	8.99	8.18	0	0.0
20071227:0556	0	0	0	0	0	9.22	8.41	0	0.0
20071227:0656	0	0	0	0	0	9.45	8.63	0	0.0
20071227:0756	0	0	0	0	0	9.55	8.57	0	0.0
20071227:0856	11.26	0	22.08	0.66	3.81	9.65	8.51	0	3.3
20071227:0956	52.4	11.46	54.84	1.51	9.11	9.75	8.46	0	15.6
20071227:1056	43.59	1.83	55.71	1.55	12.58	10.27	8.42	0	13.0
20071227:1156	135.24	45.32	101.08	2.84	13.95	10.8	8.39	0	40.2
20071227:1256	55.71	4.9	65.16	1.82	13.09	11.33	8.36	0	16.6
20071227:1356	31.69	1.88	43.47	1.21	10.07	11.32	8.45	0	9.4
20071227:1456	20.29	5.87	27.15	0.76	5.16	11.3	8.53	0	6.0
20071227:1556	0	0	0	0	0	11.29	8.62	0	0.0

20071227:1656	0	0	0	0	0	11.1	8.51	0	0.0
20071227:1756	0	0	0	0	0	10.91	8.41	0	0.0
20071227:1856	0	0	0	0	0	10.72	8.3	0	0.0
20071227:1956	0	0	0	0	0	10.49	8.28	0	0.0
20071227:2056	0	0	0	0	0	10.26	8.27	0	0.0
20071227:2156	0	0	0	0	0	10.02	8.25	0	0.0
20071227:2256	0	0	0	0	0	9.85	8.44	0	0.0
20071227:2356	0	0	0	0	0	9.68	8.63	0	0.0
20071228:0056	0	0	0	0	0	9.51	8.83	0	0.0
20071228:0156	0	0	0	0	0	9.5	9.08	0	0.0
20071228:0256	0	0	0	0	0	9.48	9.34	0	0.0
20071228:0356	0	0	0	0	0	9.46	9.6	0	0.0
20071228:0456	0	0	0	0	0	9.42	9.82	0	0.0
20071228:0556	0	0	0	0	0	9.37	10.03	0	0.0
20071228:0656	0	0	0	0	0	9.33	10.25	0	0.0
20071228:0756	0	0	0	0	0	9.24	10.27	0	0.0
20071228:0856	2.76	0	10.53	0.32	3.81	9.15	10.29	0	0.8
20071228:0956	18.72	5.26	25.53	0.72	9.12	9.06	10.32	0	5.6
20071228:1056	0.3	0	6.14	0.17	12.61	9.71	10.53	0	0.1
20071228:1156	4.99	0	13.95	0.39	13.99	10.36	10.74	0	1.5
20071228:1256	95.37	24.74	83.82	2.36	13.15	11.01	10.95	0	28.4
20071228:1356	11.7	0	22.77	0.63	10.14	10.92	10.97	0	3.5
20071228:1456	6.08	2.76	12.8	0.36	5.24	10.83	10.99	0	1.8
20071228:1556	0	0	0	0	0	10.74	11.01	0	0.0
20071228:1656	0	0	0	0	0	10.6	11.14	0	0.0
20071228:1756	0	0	0	0	0	10.46	11.26	0	0.0
20071228:1856	0	0	0	0	0	10.31	11.39	0	0.0
20071228:1956	0	0	0	0	0	10.28	11.33	0	0.0
20071228:2056	0	0	0	0	0	10.25	11.27	0	0.0
20071228:2156	0	0	0	0	0	10.22	11.21	0	0.0
20071228:2256	0	0	0	0	0	9.69	11.54	0	0.0
20071228:2356	0	0	0	0	0	9.15	11.88	0	0.0
20071229:0056	0	0	0	0	0	8.61	12.21	0	0.0
20071229:0156	0	0	0	0	0	7.67	11.34	0	0.0
20071229:0256	0	0	0	0	0	6.73	10.47	0	0.0
20071229:0356	0	0	0	0	0	5.78	9.6	0	0.0
20071229:0456	0	0	0	0	0	5.06	9.47	0	0.0
20071229:0556	0	0	0	0	0	4.33	9.34	0	0.0
20071229:0656	0	0	0	0	0	3.61	9.21	0	0.0
20071229:0756	0	0	0	0	0	3.57	8.94	0	0.0
20071229:0856	13.45	0	24.19	0.73	3.81	3.52	8.66	0	4.0
20071229:0956	442.98	294.45	130.04	3.17	9.13	3.48	8.39	0	131.8
20071229:1056	556.22	381.16	150.51	4.51	12.64	4.58	8.9	0	165.5
20071229:1156	596.26	412.84	159.02	5.13	14.04	5.69	9.41	0	177.4
20071229:1256	543	374.45	148.94	4.75	13.21	6.8	9.92	0	161.5
20071229:1356	392.8	266.92	116.73	3.38	10.23	7.09	9.88	0	116.9
20071229:1456	202.96	155.45	55.77	1.5	5.34	7.39	9.85	0	60.4
20071229:1556	0	0	0	0	0	7.68	9.82	0	0.0
20071229:1656	0	0	0	0	0	7.34	9.59	0	0.0
20071229:1756	0	0	0	0	0	6.99	9.35	0	0.0
20071229:1856	0	0	0	0	0	6.64	9.12	0	0.0
20071229:1956	0	0	0	0	0	6.4	8.58	0	0.0
20071229:2056	0	0	0	0	0	6.16	8.05	0	0.0
20071229:2156	0	0	0	0	0	5.92	7.52	0	0.0
20071229:2256	0	0	0	0	0	5.79	7.17	0	0.0
20071229:2356	0	0	0	0	0	5.66	6.83	0	0.0
20071230:0056	0	0	0	0	0	5.52	6.48	0	0.0
20071230:0156	0	0	0	0	0	5.2	5.84	0	0.0
20071230:0256	0	0	0	0	0	4.87	5.2	0	0.0
20071230:0356	0	0	0	0	0	4.54	4.55	0	0.0
20071230:0456	0	0	0	0	0	4.03	3.91	0	0.0
20071230:0556	0	0	0	0	0	3.51	3.27	0	0.0
20071230:0656	0	0	0	0	0	2.99	2.63	0	0.0
20071230:0756	0	0	0	0	0	2.83	2.43	0	0.0
20071230:0856	12.69	0	23.26	0.7	3.81	2.66	2.22	0	3.8
20071230:0956	74.81	25.06	61.14	1.67	9.16	2.5	2.01	0	22.3
20071230:1056	199.41	90.51	112.13	3.06	12.68	3.84	2.2	0	59.3
20071230:1156	124.06	34.59	98.97	2.78	14.1	5.18	2.39	0	36.9
20071230:1256	41.54	0.33	54.44	1.51	13.29	6.52	2.58	0	12.4
20071230:1356	22.84	0	35.18	0.98	10.31	6.67	2.37	0	6.8
20071230:1456	30.44	13.41	30.26	0.84	5.43	6.83	2.16	0	9.1
20071230:1556	0	0	0	0	0	6.98	1.94	0	0.0
20071230:1656	0	0	0	0	0	6.29	1.84	0	0.0
20071230:1756	0	0	0	0	0	5.59	1.73	0	0.0
20071230:1856	0	0	0	0	0	4.89	1.63	0	0.0
20071230:1956	0	0	0	0	0	4.52	1.55	0	0.0
20071230:2056	0	0	0	0	0	4.15	1.48	0	0.0
20071230:2156	0	0	0	0	0	3.78	1.41	0	0.0
20071230:2256	0	0	0	0	0	3.73	1.53	0	0.0
20071230:2356	0	0	0	0	0	3.68	1.66	0	0.0
20071231:0056	0	0	0	0	0	3.62	1.78	0	0.0
20071231:0156	0	0	0	0	0	4	2.07	0	0.0
20071231:0256	0	0	0	0	0	4.37	2.37	0	0.0
20071231:0356	0	0	0	0	0	4.74	2.66	0	0.0
20071231:0456	0	0	0	0	0	4.39	2.55	0	0.0
20071231:0556	0	0	0	0	0	4.03	2.43	0	0.0
20071231:0656	0	0	0	0	0	3.67	2.32	0	0.0
20071231:0756	0	0	0	0	0	3.52	2.29	0	0.0
20071231:0856	10.99	0.45	20.9	0.58	3.83	3.37	2.26	0	3.3
20071231:0956	35.14	1.59	46.02	1.28	9.19	3.22	2.23	0	10.5
20071231:1056	61.12	6.72	66.93	1.87	12.73	4.47	2.54	0	18.2
20071231:1156	48.81	0.83	61.06	1.7	14.17	5.72	2.85	0	14.5
20071231:1256	41.29	0.33	54.27	1.51	13.37	6.98	3.16	0	12.3
20071231:1356	30.04	0.74	42.22	1.18	10.41	7.1	2.89	0	8.9
20071231:1456	13.14	0.79	23.45	0.65	5.54	7.22	2.62	0	3.9
20071231:1556	0	0	0	0	0	7.34	2.34	0	0.0
20071231:1656	0	0	0	0	0	7.1	2.26	0	0.0
20071231:1756	0	0	0	0	0	6.86	2.17	0	0.0
20071231:1856	0	0	0	0	0	6.62	2.08	0	0.0
20071231:1956	0	0	0	0	0	6.55	2.13	0	0.0
20071231:2056	0	0	0	0	0	6.48	2.18	0	0.0
20071231:2156	0	0	0	0	0	6.41	2.23	0	0.0
20071231:2256	0	0	0	0	0	6.52	2.1	0	0.0
20071231:2356	0	0	0	0	0	6.62	1.97	0	0.0
20080101:0056	0	0	0	0	0	6.72	1.83	0	0.0
20080101:0156	0	0	0	0	0	6.68	1.83	0	0.0
20080101:0256	0	0	0	0	0	6.64	1.83	0	0.0

20080101:0356	0	0	0	0	0	6.6	1.83	0	0.0
20080101:0456	0	0	0	0	0	6.51	1.78	0	0.0
20080101:0556	0	0	0	0	0	6.41	1.72	0	0.0
20080101:0656	0	0	0	0	0	6.31	1.67	0	0.0
20080101:0756	0	0	0	0	0	6.28	1.82	0	0.0
20080101:0856	2.47	0	10	0.28	3.86	6.25	1.96	0	0.7
20080101:0956	11.63	0	22.33	0.62	9.23	6.22	2.11	0	3.5
20080101:1056	15.79	0	27.28	0.76	12.8	6.73	2.25	0	4.7
20080101:1156	10	0	20.4	0.57	14.26	7.23	2.39	0	3.0
20080101:1256	23	0	35.49	0.99	13.48	7.74	2.52	0	6.8
20080101:1356	14.38	0	25.71	0.71	10.54	7.48	2.29	0	4.3
20080101:1456	3.23	0	11.23	0.31	5.68	7.23	2.05	0	1.0
20080101:1556	0	0	0	0	0	6.98	1.81	0	0.0
20080101:1656	0	0	0	0	0	6.69	2.11	0	0.0
20080101:1756	0	0	0	0	0	6.41	2.41	0	0.0
20080101:1856	0	0	0	0	0	6.12	2.72	0	0.0
20080101:1956	0	0	0	0	0	5.94	2.97	0	0.0
20080101:2056	0	0	0	0	0	5.76	3.22	0	0.0
20080101:2156	0	0	0	0	0	5.58	3.48	0	0.0
20080101:2256	0	0	0	0	0	5.55	3.79	0	0.0
20080101:2356	0	0	0	0	0	5.51	4.11	0	0.0
20080102:0056	0	0	0	0	0	5.48	4.43	0	0.0
20080102:0156	0	0	0	0	0	5.52	4.74	0	0.0
20080102:0256	0	0	0	0	0	5.57	5.04	0	0.0
20080102:0356	0	0	0	0	0	5.61	5.35	0	0.0
20080102:0456	0	0	0	0	0	5.43	5.7	0	0.0
20080102:0556	0	0	0	0	0	5.26	6.04	0	0.0
20080102:0656	0	0	0	0	0	5.08	6.39	0	0.0
20080102:0756	0	0	0	0	0	4.77	6.69	0	0.0
20080102:0856	63.8	37.2	39.27	0.98	3.89	4.45	7	0	19.0
20080102:0956	155.88	70.32	91.44	2.34	9.28	4.14	7.31	0	46.4
20080102:1056	142.76	51.08	98.3	2.72	12.87	4.04	7.21	0	42.5
20080102:1156	277.84	135.06	137.35	3.83	14.35	3.93	7.12	0	82.7
20080102:1256	105.91	25.48	89.96	2.53	13.58	3.83	7.02	0	31.5
20080102:1356	245.18	135.87	107.17	2.93	10.65	3.45	7.15	0	72.9
20080102:1456	96.71	39.43	68.36	1.68	5.8	3.08	7.29	0	28.8
20080102:1556	0	0	0	0	0	2.71	7.42	0	0.0
20080102:1656	0	0	0	0	0	2.19	7.5	0	0.0
20080102:1756	0	0	0	0	0	1.66	7.59	0	0.0
20080102:1856	0	0	0	0	0	1.14	7.67	0	0.0
20080102:1956	0	0	0	0	0	1.05	7.67	0	0.0
20080102:2056	0	0	0	0	0	0.96	7.67	0	0.0
20080102:2156	0	0	0	0	0	0.86	7.67	0	0.0
20080102:2256	0	0	0	0	0	0.75	7.6	0	0.0
20080102:2356	0	0	0	0	0	0.65	7.53	0	0.0
20080103:0056	0	0	0	0	0	0.54	7.46	0	0.0
20080103:0156	0	0	0	0	0	0.24	6.95	0	0.0
20080103:0256	0	0	0	0	0	-0.06	6.43	0	0.0
20080103:0356	0	0	0	0	0	-0.36	5.92	0	0.0
20080103:0456	0	0	0	0	0	-0.38	6.22	0	0.0
20080103:0556	0	0	0	0	0	-0.41	6.51	0	0.0
20080103:0656	0	0	0	0	0	-0.43	6.81	0	0.0
20080103:0756	0	0	0	0	0	-0.32	6.91	0	0.0
20080103:0856	11.96	0.43	21.77	0.61	3.93	-0.21	7.01	0	3.6
20080103:0956	38.2	1.34	48.66	1.35	9.34	-0.1	7.1	0	11.4
20080103:1056	44.57	0.72	55.74	1.55	12.94	0.75	7.26	0	13.3
20080103:1156	67.56	4.43	74.35	2.08	14.44	1.6	7.41	0	20.1
20080103:1256	51.99	1.47	62.62	1.75	13.69	2.44	7.56	0	15.5
20080103:1356	33.42	0.72	44.9	1.25	10.77	2.31	6.8	0	9.9
20080103:1456	26.19	0.75	37.39	1.04	5.93	2.17	6.04	0	7.8
20080103:1556	0	0	0	0	0	2.04	5.28	0	0.0
20080103:1656	0	0	0	0	0	2.02	5.16	0	0.0
20080103:1756	0	0	0	0	0	2.01	5.04	0	0.0
20080103:1856	0	0	0	0	0	1.99	4.92	0	0.0
20080103:1956	0	0	0	0	0	2.23	4.76	0	0.0
20080103:2056	0	0	0	0	0	2.47	4.59	0	0.0
20080103:2156	0	0	0	0	0	2.7	4.43	0	0.0
20080103:2256	0	0	0	0	0	3.08	4.21	0	0.0
20080103:2356	0	0	0	0	0	3.45	3.99	0	0.0
20080104:0056	0	0	0	0	0	3.83	3.77	0	0.0
20080104:0156	0	0	0	0	0	3.56	3.54	0	0.0
20080104:0256	0	0	0	0	0	3.3	3.31	0	0.0
20080104:0356	0	0	0	0	0	3.03	3.08	0	0.0
20080104:0456	0	0	0	0	0	3.03	3.08	0	0.0
20080104:0556	0	0	0	0	0	3.02	3.08	0	0.0
20080104:0656	0	0	0	0	0	3.01	3.08	0	0.0
20080104:0756	0	0	0	0	0	3.05	3.18	0	0.0
20080104:0856	8.17	3	14.85	0.41	3.97	3.1	3.28	0	2.4
20080104:0956	27.36	6.22	33.26	0.94	9.4	3.14	3.38	0	8.1
20080104:1056	41.11	0.53	53.25	1.48	13.02	4.05	3.77	0	12.2
20080104:1156	1.05	0	7.54	0.21	14.53	4.96	4.17	0	0.3
20080104:1256	18.94	0	30.75	0.86	13.8	5.87	4.57	0	5.6
20080104:1356	94.58	31.48	74.59	2.09	10.9	6	5.16	0	28.1
20080104:1456	17.47	3.44	25.75	0.72	6.06	6.13	5.75	0	5.2
20080104:1556	0	0	0	0	0	6.26	6.34	0	0.0
20080104:1656	0	0	0	0	0	6.64	6.92	0	0.0
20080104:1756	0	0	0	0	0	7.02	7.49	0	0.0
20080104:1856	0	0	0	0	0	7.4	8.07	0	0.0
20080104:1956	0	0	0	0	0	7.42	8.55	0	0.0
20080104:2056	0	0	0	0	0	7.44	9.03	0	0.0
20080104:2156	0	0	0	0	0	7.46	9.5	0	0.0
20080104:2256	0	0	0	0	0	7.38	9.3	0	0.0
20080104:2356	0	0	0	0	0	7.3	9.1	0	0.0
20080105:0056	0	0	0	0	0	7.22	8.9	0	0.0
20080105:0156	0	0	0	0	0	6.47	8	0	0.0
20080105:0256	0	0	0	0	0	5.72	7.09	0	0.0
20080105:0356	0	0	0	0	0	4.97	6.19	0	0.0
20080105:0456	0	0	0	0	0	4.8	6.36	0	0.0
20080105:0556	0	0	0	0	0	4.62	6.52	0	0.0
20080105:0656	0	0	0	0	0	4.44	6.69	0	0.0
20080105:0756	0	0	0	0	0	4.5	6.83	0	0.0
20080105:0856	213.08	162.14	54.16	1.2	4.02	4.56	6.97	0	63.4
20080105:0956	453.21	304.41	133.11	3.33	9.47	4.62	7.12	0	134.8
20080105:1056	563.43	390.37	152.46	4.7	13.11	5.37	7.27	0	167.6
20080105:1156	607.91	425.76	161.69	5.38	14.64	6.11	7.43	0	180.9
20080105:1256	560.98	391	152.81	5.06	13.92	6.86	7.59	0	166.9
20080105:1356	422.17	289.08	123.92	3.74	11.03	7.02	7.17	0	125.6

20080105:1456	271.28	177.32	98.4	2.18	6.2	7.18	6.76	0	80.7
20080105:1556	0	0	0	0	0	7.34	6.34	0	0.0
20080105:1656	0	0	0	0	0	6.55	5.95	0	0.0
20080105:1756	0	0	0	0	0	5.77	5.56	0	0.0
20080105:1856	0	0	0	0	0	4.98	5.17	0	0.0
20080105:1956	0	0	0	0	0	4.45	5.03	0	0.0
20080105:2056	0	0	0	0	0	3.92	4.9	0	0.0
20080105:2156	0	0	0	0	0	3.38	4.76	0	0.0
20080105:2256	0	0	0	0	0	3.15	4.8	0	0.0
20080105:2356	0	0	0	0	0	2.93	4.83	0	0.0
20080106:0056	0	0	0	0	0	2.7	4.87	0	0.0
20080106:0156	0	0	0	0	0	2.71	5.18	0	0.0
20080106:0256	0	0	0	0	0	2.73	5.49	0	0.0
20080106:0356	0	0	0	0	0	2.74	5.79	0	0.0
20080106:0456	0	0	0	0	0	2.58	5.65	0	0.0
20080106:0556	0	0	0	0	0	2.42	5.5	0	0.0
20080106:0656	0	0	0	0	0	2.26	5.35	0	0.0
20080106:0756	0	0	0	0	0	2.04	5.14	0	0.0
20080106:0856	222.24	167.23	55.62	1.23	4.08	1.83	4.92	0	66.1
20080106:0956	468.06	312.84	136.13	3.41	9.54	1.61	4.7	0	139.2
20080106:1056	579.2	401.19	155.81	4.81	13.2	2.88	4.89	0	172.3
20080106:1156	622.63	437.25	165.12	5.51	14.75	4.14	5.07	0	185.2
20080106:1256	575.02	402.43	156.22	5.19	14.05	5.41	5.26	0	171.1
20080106:1356	436.08	299.09	127.18	3.86	11.17	5.4	4.72	0	129.7
20080106:1456	282.39	184.38	101.12	2.26	6.35	5.4	4.19	0	84.0
20080106:1556	0	0	0	0	0	5.4	3.66	0	0.0
20080106:1656	0	0	0	0	0	4.7	3.62	0	0.0
20080106:1756	0	0	0	0	0	4	3.59	0	0.0
20080106:1856	0	0	0	0	0	3.3	3.56	0	0.0
20080106:1956	0	0	0	0	0	3.64	4.56	0	0.0
20080106:2056	0	0	0	0	0	3.97	5.56	0	0.0
20080106:2156	0	0	0	0	0	4.3	6.57	0	0.0
20080106:2256	0	0	0	0	0	5.36	6.92	0	0.0
20080106:2356	0	0	0	0	0	6.41	7.27	0	0.0
20080107:0056	0	0	0	0	0	7.47	7.63	0	0.0
20080107:0156	0	0	0	0	0	6.94	8.29	0	0.0
20080107:0256	0	0	0	0	0	6.42	8.96	0	0.0
20080107:0356	0	0	0	0	0	5.89	9.63	0	0.0
20080107:0456	0	0	0	0	0	5.68	10.32	0	0.0
20080107:0556	0	0	0	0	0	5.46	11.01	0	0.0
20080107:0656	0	0	0	0	0	5.25	11.7	0	0.0
20080107:0756	0	0	0	0	0	5.35	11.95	0	0.0
20080107:0856	61.07	42.98	31.04	0.8	4.15	5.44	12.21	0	18.2
20080107:0956	145.28	80.29	71.95	1.96	9.63	5.54	12.47	0	43.2
20080107:1056	578.37	398.75	154.93	4.82	13.3	6.34	11.89	0	172.1
20080107:1156	54.59	0.96	66.83	1.86	14.87	7.14	11.31	0	16.2
20080107:1256	91.53	15.75	87.88	2.47	14.19	7.95	10.73	0	27.2
20080107:1356	28.79	0	41.63	1.16	11.31	7.47	10.29	0	8.6
20080107:1456	90.44	47.76	55.62	1.45	6.5	6.99	9.86	0	26.9
20080107:1556	4.9	0	13.61	0.41	0.11	6.51	9.42	0	1.5
20080107:1656	0	0	0	0	0	5.85	9.24	0	0.0
20080107:1756	0	0	0	0	0	5.18	9.06	0	0.0
20080107:1856	0	0	0	0	0	4.52	8.88	0	0.0
20080107:1956	0	0	0	0	0	4.31	8.31	0	0.0
20080107:2056	0	0	0	0	0	4.1	7.73	0	0.0
20080107:2156	0	0	0	0	0	3.89	7.16	0	0.0
20080107:2256	0	0	0	0	0	4.09	7.16	0	0.0
20080107:2356	0	0	0	0	0	4.3	7.17	0	0.0
20080108:0056	0	0	0	0	0	4.5	7.17	0	0.0
20080108:0156	0	0	0	0	0	4.58	6.98	0	0.0
20080108:0256	0	0	0	0	0	4.66	6.8	0	0.0
20080108:0356	0	0	0	0	0	4.74	6.61	0	0.0
20080108:0456	0	0	0	0	0	4.82	6.29	0	0.0
20080108:0556	0	0	0	0	0	4.91	5.96	0	0.0
20080108:0656	0	0	0	0	0	4.99	5.64	0	0.0
20080108:0756	0	0	0	0	0	5.2	5.83	0	0.0
20080108:0856	17.59	5.63	23.59	0.65	4.22	5.42	6.01	0	5.2
20080108:0956	51.21	10.97	53.13	1.48	9.72	5.63	6.19	0	15.2
20080108:1056	147.81	53.82	101.76	2.84	13.41	6.5	7.07	0	44.0
20080108:1156	55.75	1.43	67.61	1.88	15	7.37	7.95	0	16.6
20080108:1256	52.92	1.58	64.87	1.81	14.33	8.23	8.83	0	15.7
20080108:1356	17.21	0	29.08	0.81	11.46	8.74	9.08	0	5.1
20080108:1456	35.28	6.59	42.29	1.17	6.66	9.24	9.32	0	10.5
20080108:1556	4.46	0	13.13	0.4	0.27	9.75	9.57	0	1.3
20080108:1656	0	0	0	0	0	9.31	9.64	0	0.0
20080108:1756	0	0	0	0	0	8.88	9.71	0	0.0
20080108:1856	0	0	0	0	0	8.44	9.78	0	0.0
20080108:1956	0	0	0	0	0	8.32	10.24	0	0.0
20080108:2056	0	0	0	0	0	8.2	10.7	0	0.0
20080108:2156	0	0	0	0	0	8.07	11.16	0	0.0
20080108:2256	0	0	0	0	0	7.75	11.55	0	0.0
20080108:2356	0	0	0	0	0	7.43	11.95	0	0.0
20080109:0056	0	0	0	0	0	7.11	12.34	0	0.0
20080109:0156	0	0	0	0	0	5.94	10.64	0	0.0
20080109:0256	0	0	0	0	0	4.77	8.94	0	0.0
20080109:0356	0	0	0	0	0	3.59	7.24	0	0.0
20080109:0456	0	0	0	0	0	3.33	7.39	0	0.0
20080109:0556	0	0	0	0	0	3.06	7.54	0	0.0
20080109:0656	0	0	0	0	0	2.79	7.68	0	0.0
20080109:0756	0	0	0	0	0	2.72	7.75	0	0.0
20080109:0856	169.94	121.95	52.87	1.2	4.3	2.65	7.82	0	50.6
20080109:0956	438.07	294.33	124.01	3.28	9.82	2.58	7.89	0	130.3
20080109:1056	592.22	407.42	157.33	4.95	13.53	3.66	8.12	0	176.2
20080109:1156	539.28	343.97	172.33	5.28	15.14	4.74	8.36	0	160.4
20080109:1256	463.97	285.34	161.99	4.85	14.48	5.82	8.59	0	138.0
20080109:1356	90.23	24.56	77.16	2.17	11.62	5.91	8.48	0	26.8
20080109:1456	229.09	137.69	95.85	2.24	6.82	6	8.37	0	68.2
20080109:1556	7.87	0	17.59	0.53	0.44	6.09	8.26	0	2.3
20080109:1656	0	0	0	0	0	5.66	7.82	0	0.0
20080109:1756	0	0	0	0	0	5.24	7.37	0	0.0
20080109:1856	0	0	0	0	0	4.81	6.92	0	0.0
20080109:1956	0	0	0	0	0	5.09	7.04	0	0.0
20080109:2056	0	0	0	0	0	5.36	7.15	0	0.0
20080109:2156	0	0	0	0	0	5.63	7.27	0	0.0
20080109:2256	0	0	0	0	0	6.47	8.68	0	0.0
20080109:2356	0	0	0	0	0	7.3	10.09	0	0.0
20080110:0056	0	0	0	0	0	8.14	11.5	0	0.0

20080110:0156	0	0	0	0	0	8.2	11.44	0	0.0
20080110:0256	0	0	0	0	0	8.27	11.37	0	0.0
20080110:0356	0	0	0	0	0	8.33	11.31	0	0.0
20080110:0456	0	0	0	0	0	8.35	10.9	0	0.0
20080110:0556	0	0	0	0	0	8.38	10.49	0	0.0
20080110:0656	0	0	0	0	0	8.4	10.08	0	0.0
20080110:0756	0	0	0	0	0	8.52	10	0	0.0
20080110:0856	4.5	1.93	11.24	0.31	4.39	8.64	9.92	0	1.3
20080110:0956	17.16	3.8	25.2	0.71	9.92	8.76	9.83	0	5.1
20080110:1056	92.26	20.52	84.27	2.37	13.66	9.16	10.26	0	27.4
20080110:1156	1.21	0	7.94	0.22	15.28	9.55	10.69	0	0.4
20080110:1256	7.97	0	17.98	0.5	14.63	9.94	11.12	0	2.4
20080110:1356	6.55	0	16.1	0.45	11.79	9.98	11.52	0	1.9
20080110:1456	11.8	2.4	20.45	0.57	6.99	10.02	11.93	0	3.5
20080110:1556	0.6	0	6.77	0.2	0.61	10.06	12.33	0	0.2
20080110:1656	0	0	0	0	0	9.25	10.56	0	0.0
20080110:1756	0	0	0	0	0	8.44	8.79	0	0.0
20080110:1856	0	0	0	0	0	7.62	7.02	0	0.0
20080110:1956	0	0	0	0	0	6.74	5.93	0	0.0
20080110:2056	0	0	0	0	0	5.85	4.84	0	0.0
20080110:2156	0	0	0	0	0	4.96	3.75	0	0.0
20080110:2256	0	0	0	0	0	4.45	3.27	0	0.0
20080110:2356	0	0	0	0	0	3.94	2.79	0	0.0
20080111:0056	0	0	0	0	0	3.43	2.3	0	0.0
20080111:0156	0	0	0	0	0	3.02	2.41	0	0.0
20080111:0256	0	0	0	0	0	2.62	2.52	0	0.0
20080111:0356	0	0	0	0	0	2.21	2.63	0	0.0
20080111:0456	0	0	0	0	0	1.95	2.28	0	0.0
20080111:0556	0	0	0	0	0	1.68	1.92	0	0.0
20080111:0656	0	0	0	0	0	1.41	1.56	0	0.0
20080111:0756	0	0	0	0	0	1.99	2.33	0	0.0
20080111:0856	0	0	2.46	0.07	4.49	2.56	3.1	0	0.0
20080111:0956	0	0	4.56	0.13	10.04	3.14	3.88	0	0.0
20080111:1056	0.64	0	6.76	0.19	13.79	3.99	4	0	0.2
20080111:1156	1.37	0	8.12	0.23	15.43	4.84	4.11	0	0.4
20080111:1256	1.09	0	7.63	0.21	14.8	5.7	4.23	0	0.3
20080111:1356	0.14	0	5.75	0.16	11.96	5.88	3.68	0	0.0
20080111:1456	0	0	4.52	0.13	7.17	6.06	3.13	0	0.0
20080111:1556	0	0	1.54	0.05	0.79	6.24	2.58	0	0.0
20080111:1656	0	0	0	0	0	5.77	2.04	0	0.0
20080111:1756	0	0	0	0	0	5.31	1.5	0	0.0
20080111:1856	0	0	0	0	0	4.84	0.97	0	0.0
20080111:1956	0	0	0	0	0	4.51	1.81	0	0.0
20080111:2056	0	0	0	0	0	4.18	2.66	0	0.0
20080111:2156	0	0	0	0	0	3.84	3.5	0	0.0
20080111:2256	0	0	0	0	0	3.64	5.39	0	0.0
20080111:2356	0	0	0	0	0	3.45	7.28	0	0.0
20080112:0056	0	0	0	0	0	3.25	9.17	0	0.0
20080112:0156	0	0	0	0	0	3.16	9.05	0	0.0
20080112:0256	0	0	0	0	0	3.07	8.93	0	0.0
20080112:0356	0	0	0	0	0	2.98	8.81	0	0.0
20080112:0456	0	0	0	0	0	2.56	8.09	0	0.0
20080112:0556	0	0	0	0	0	2.14	7.36	0	0.0
20080112:0656	0	0	0	0	0	1.72	6.63	0	0.0
20080112:0756	0	0	0	0	0	1.55	6	0	0.0
20080112:0856	234.2	174.93	58.25	1.34	4.59	1.39	5.37	0	69.7
20080112:0956	444.14	299.45	125.62	3.4	10.16	1.22	4.74	0	132.1
20080112:1056	590.68	409.36	157.47	5.07	13.93	2.57	5.03	0	175.7
20080112:1156	636.93	447.84	167.13	5.82	15.58	3.92	5.31	0	189.5
20080112:1256	593.33	415.93	159.27	5.54	14.97	5.28	5.59	0	176.5
20080112:1356	470.45	323.86	134.83	4.31	12.14	5.47	5.03	0	140.0
20080112:1456	304.76	201.4	104.81	2.59	7.35	5.67	4.48	0	90.7
20080112:1556	7.88	0	17.59	0.53	0.97	5.87	3.93	0	2.3
20080112:1656	0	0	0	0	0	5.34	3.86	0	0.0
20080112:1756	0	0	0	0	0	4.82	3.78	0	0.0
20080112:1856	0	0	0	0	0	4.29	3.71	0	0.0
20080112:1956	0	0	0	0	0	4.43	4.17	0	0.0
20080112:2056	0	0	0	0	0	4.56	4.62	0	0.0
20080112:2156	0	0	0	0	0	4.69	5.08	0	0.0
20080112:2256	0	0	0	0	0	5.58	6.01	0	0.0
20080112:2356	0	0	0	0	0	6.47	6.95	0	0.0
20080113:0056	0	0	0	0	0	7.36	7.89	0	0.0
20080113:0156	0	0	0	0	0	7.95	7.93	0	0.0
20080113:0256	0	0	0	0	0	8.54	7.97	0	0.0
20080113:0356	0	0	0	0	0	9.12	8.01	0	0.0
20080113:0456	0	0	0	0	0	9.07	8.13	0	0.0
20080113:0556	0	0	0	0	0	9.02	8.24	0	0.0
20080113:0656	0	0	0	0	0	8.97	8.36	0	0.0
20080113:0756	0	0	0	0	0	8.95	8.65	0	0.0
20080113:0856	0.51	0	6.58	0.18	4.7	8.94	8.95	0	0.2
20080113:0956	2.39	0	9.96	0.28	10.28	8.92	9.24	0	0.7
20080113:1056	26.03	0	38.95	1.08	14.07	9.34	9.6	0	7.7
20080113:1156	1.4	0	8.29	0.23	15.75	9.76	9.97	0	0.4
20080113:1256	1.18	0	7.9	0.22	15.14	10.19	10.33	0	0.4
20080113:1356	11.33	0	22.24	0.62	12.32	10.07	10.22	0	3.4
20080113:1456	3.86	0	12.28	0.34	7.54	9.96	10.1	0	1.1
20080113:1556	0	0	4.29	0.13	1.16	9.85	9.99	0	0.0
20080113:1656	0	0	0	0	0	9.36	9.89	0	0.0
20080113:1756	0	0	0	0	0	8.87	9.79	0	0.0
20080113:1856	0	0	0	0	0	8.38	9.7	0	0.0
20080113:1956	0	0	0	0	0	8.2	9.96	0	0.0
20080113:2056	0	0	0	0	0	8.01	10.22	0	0.0
20080113:2156	0	0	0	0	0	7.82	10.48	0	0.0
20080113:2256	0	0	0	0	0	7.78	10.46	0	0.0
20080113:2356	0	0	0	0	0	7.74	10.45	0	0.0
20080114:0056	0	0	0	0	0	7.7	10.43	0	0.0
20080114:0156	0	0	0	0	0	7.6	9.68	0	0.0
20080114:0256	0	0	0	0	0	7.5	8.94	0	0.0
20080114:0356	0	0	0	0	0	7.39	8.19	0	0.0
20080114:0456	0	0	0	0	0	7.01	7.95	0	0.0
20080114:0556	0	0	0	0	0	6.62	7.71	0	0.0
20080114:0656	0	0	0	0	0	6.24	7.48	0	0.0
20080114:0756	0	0	0	0	0	6.36	8.02	0	0.0
20080114:0856	63.15	43.52	32.87	0.87	4.81	6.47	8.57	0	18.8
20080114:0956	49.13	7.88	54.36	1.52	10.42	6.59	9.12	0	14.6
20080114:1056	471.09	298.39	157.45	4.67	14.23	7.32	9.69	0	140.1
20080114:1156	312.62	155.09	153.24	4.39	15.92	8.05	10.26	0	93.0

20080114:1256	61.91	2.25	73.2	2.04	15.33	8.77	10.83	0	18.4
20080114:1356	4.83	0	13.64	0.38	12.51	8.86	10.53	0	1.4
20080114:1456	97.77	50.47	60.53	1.65	7.73	8.95	10.24	0	29.1
20080114:1556	7.46	0	17.22	0.52	1.35	9.04	9.94	0	2.2
20080114:1656	0	0	0	0	0	8.53	9.87	0	0.0
20080114:1756	0	0	0	0	0	8.03	9.8	0	0.0
20080114:1856	0	0	0	0	0	7.52	9.72	0	0.0
20080114:1956	0	0	0	0	0	7.31	9.36	0	0.0
20080114:2056	0	0	0	0	0	7.1	9	0	0.0
20080114:2156	0	0	0	0	0	6.88	8.63	0	0.0
20080114:2256	0	0	0	0	0	6.8	8.28	0	0.0
20080114:2356	0	0	0	0	0	6.73	7.94	0	0.0
20080115:0056	0	0	0	0	0	6.65	7.59	0	0.0
20080115:0156	0	0	0	0	0	7.01	8.24	0	0.0
20080115:0256	0	0	0	0	0	7.38	8.9	0	0.0
20080115:0356	0	0	0	0	0	7.74	9.56	0	0.0
20080115:0456	0	0	0	0	0	7.93	9.75	0	0.0
20080115:0556	0	0	0	0	0	8.13	9.94	0	0.0
20080115:0656	0	0	0	0	0	8.32	10.14	0	0.0
20080115:0756	0	0	0	0	0	8.61	10.63	0	0.0
20080115:0856	3.71	1.73	10.29	0.29	4.93	8.9	11.11	0	1.1
20080115:0956	0	0	4.83	0.13	10.56	9.19	11.6	0	0.0
20080115:1056	3.73	0	12.06	0.34	14.39	9.59	11.35	0	1.1
20080115:1156	1.55	0	8.55	0.24	16.09	9.98	11.09	0	0.5
20080115:1256	24.33	0	37.24	1.04	15.51	10.38	10.84	0	7.2
20080115:1356	76.89	14.55	76	2.14	12.71	10.24	9.79	0	22.9
20080115:1456	10.67	1.97	19.48	0.55	7.93	10.1	8.74	0	3.2
20080115:1556	0.52	0	6.6	0.2	1.55	9.96	7.7	0	0.2
20080115:1656	0	0	0	0	0	9.48	6.12	0	0.0
20080115:1756	0	0	0	0	0	9	4.54	0	0.0
20080115:1856	0	0	0	0	0	8.52	2.97	0	0.0
20080115:1956	0	0	0	0	0	8.2	2.35	0	0.0
20080115:2056	0	0	0	0	0	7.88	1.74	0	0.0
20080115:2156	0	0	0	0	0	7.55	1.13	0	0.0
20080115:2256	0	0	0	0	0	7.13	3.42	0	0.0
20080115:2356	0	0	0	0	0	6.72	5.71	0	0.0
20080116:0056	0	0	0	0	0	6.3	8	0	0.0
20080116:0156	0	0	0	0	0	5.75	8.09	0	0.0
20080116:0256	0	0	0	0	0	5.2	8.18	0	0.0
20080116:0356	0	0	0	0	0	4.64	8.28	0	0.0
20080116:0456	0	0	0	0	0	4.46	7.63	0	0.0
20080116:0556	0	0	0	0	0	4.28	6.99	0	0.0
20080116:0656	0	0	0	0	0	4.1	6.34	0	0.0
20080116:0756	0	0	0	0	0	4.03	5.84	0	0.0
20080116:0856	170.6	116.54	60.21	1.39	5.06	3.95	5.34	0	50.8
20080116:0956	273.85	156.52	113.8	3	10.71	3.88	4.84	0	81.5
20080116:1056	411.56	241.09	158.48	4.55	14.55	4.58	4.7	0	122.4
20080116:1156	554.94	362.64	177.08	5.7	16.28	5.27	4.56	0	165.1
20080116:1256	393.83	221.94	163.68	4.86	15.71	5.97	4.41	0	117.2
20080116:1356	384.19	241.51	137.46	4.16	12.91	6.18	3.6	0	114.3
20080116:1456	238.6	136.2	108.4	2.7	8.13	6.4	2.79	0	71.0
20080116:1556	13.09	0	24.07	0.72	1.75	6.62	1.97	0	3.9
20080116:1656	0	0	0	0	0	5.66	2.05	0	0.0
20080116:1756	0	0	0	0	0	4.7	2.13	0	0.0
20080116:1856	0	0	0	0	0	3.73	2.21	0	0.0
20080116:1956	0	0	0	0	0	3.25	1.88	0	0.0
20080116:2056	0	0	0	0	0	2.77	1.55	0	0.0
20080116:2156	0	0	0	0	0	2.28	1.23	0	0.0
20080116:2256	0	0	0	0	0	2.51	1.35	0	0.0
20080116:2356	0	0	0	0	0	2.74	1.48	0	0.0
20080117:0056	0	0	0	0	0	2.97	1.6	0	0.0
20080117:0156	0	0	0	0	0	3.11	2.13	0	0.0
20080117:0256	0	0	0	0	0	3.25	2.66	0	0.0
20080117:0356	0	0	0	0	0	3.38	3.19	0	0.0
20080117:0456	0	0	0	0	0	3.45	3.7	0	0.0
20080117:0556	0	0	0	0	0	3.53	4.22	0	0.0
20080117:0656	0	0	0	0	0	3.6	4.73	0	0.0
20080117:0756	0	0	0	0	0	4.02	5.42	0	0.0
20080117:0856	1.88	0	8.99	0.25	5.2	4.43	6.11	0	0.6
20080117:0956	1.67	0	8.64	0.24	10.86	4.85	6.8	0	0.5
20080117:1056	5.64	0	14.65	0.41	14.73	6.03	7.66	0	1.7
20080117:1156	13.67	0	24.83	0.69	16.47	7.2	8.52	0	4.1
20080117:1256	51.59	0.29	64.88	1.81	15.91	8.38	9.38	0	15.3
20080117:1356	0.47	0	6.49	0.18	13.12	8.58	9.89	0	0.1
20080117:1456	7.49	0	17.28	0.48	8.34	8.78	10.4	0	2.2
20080117:1556	0.39	0	6.32	0.19	1.96	8.98	10.91	0	0.1
20080117:1656	0	0	0	0	0	8.43	10.07	0	0.0
20080117:1756	0	0	0	0	0	7.88	9.23	0	0.0
20080117:1856	0	0	0	0	0	7.33	8.39	0	0.0
20080117:1956	0	0	0	0	0	7.14	8.21	0	0.0
20080117:2056	0	0	0	0	0	6.95	8.04	0	0.0
20080117:2156	0	0	0	0	0	6.75	7.86	0	0.0
20080117:2256	0	0	0	0	0	6.78	7.74	0	0.0
20080117:2356	0	0	0	0	0	6.8	7.61	0	0.0
20080118:0056	0	0	0	0	0	6.83	7.49	0	0.0
20080118:0156	0	0	0	0	0	6.89	7.46	0	0.0
20080118:0256	0	0	0	0	0	6.95	7.43	0	0.0
20080118:0356	0	0	0	0	0	7.01	7.39	0	0.0
20080118:0456	0	0	0	0	0	6.8	6.9	0	0.0
20080118:0556	0	0	0	0	0	6.58	6.41	0	0.0
20080118:0656	0	0	0	0	0	6.36	5.92	0	0.0
20080118:0756	0	0	0	0	0	6.36	5.88	0	0.0
20080118:0856	4.69	0	13.34	0.37	5.34	6.36	5.84	0	1.4
20080118:0956	0	0	5.09	0.14	11.02	6.36	5.81	0	0.0
20080118:1056	1.02	0	7.54	0.21	14.91	7.83	6.87	0	0.3
20080118:1156	15.15	0	26.76	0.74	16.66	9.3	7.93	0	4.5
20080118:1256	1.46	0	8.42	0.23	16.12	10.77	8.99	0	0.4
20080118:1356	0.45	0	6.49	0.18	13.33	11.39	9.53	0	0.1
20080118:1456	1.87	0	9.17	0.25	8.56	12.01	10.06	0	0.6
20080118:1556	0	0	3.36	0.1	2.17	12.64	10.59	0	0.0
20080118:1656	0	0	0	0	0	12.57	10.84	0	0.0
20080118:1756	0	0	0	0	0	12.49	11.09	0	0.0
20080118:1856	0	0	0	0	0	12.42	11.34	0	0.0
20080118:1956	0	0	0	0	0	12.44	11.31	0	0.0
20080118:2056	0	0	0	0	0	12.46	11.29	0	0.0
20080118:2156	0	0	0	0	0	12.47	11.27	0	0.0
20080118:2256	0	0	0	0	0	12.47	10.97	0	0.0

20080118:2356	0	0	0	0	0	12.46	10.68	0	0.0
20080119:0056	0	0	0	0	0	12.46	10.39	0	0.0
20080119:0156	0	0	0	0	0	12.41	9.95	0	0.0
20080119:0256	0	0	0	0	0	12.36	9.51	0	0.0
20080119:0356	0	0	0	0	0	12.31	9.08	0	0.0
20080119:0456	0	0	0	0	0	11.93	8.54	0	0.0
20080119:0556	0	0	0	0	0	11.55	8	0	0.0
20080119:0656	0	0	0	0	0	11.17	7.46	0	0.0
20080119:0756	0	0	0	0	0	11.05	6.77	0	0.0
20080119:0856	8.54	2.49	16.31	0.46	5.49	10.92	6.08	0	2.5
20080119:0956	21.75	0	34.48	0.96	11.19	10.8	5.39	0	6.5
20080119:1056	108.78	25.51	96.23	2.72	15.1	10.99	5.17	0	32.4
20080119:1156	59.81	1.02	73.24	2.04	16.87	11.18	4.94	0	17.8
20080119:1256	1.57	0	8.64	0.24	16.33	11.36	4.72	0	0.5
20080119:1356	0.56	0	6.71	0.19	13.55	11.38	4.55	0	0.2
20080119:1456	21.77	2.9	31.71	0.89	8.78	11.4	4.39	0	6.5
20080119:1556	3.46	0	11.71	0.35	2.38	11.42	4.22	0	1.0
20080119:1656	0	0	0	0	0	11.09	3.82	0	0.0
20080119:1756	0	0	0	0	0	10.76	3.41	0	0.0
20080119:1856	0	0	0	0	0	10.42	3.01	0	0.0
20080119:1956	0	0	0	0	0	10.65	4.18	0	0.0
20080119:2056	0	0	0	0	0	10.88	5.36	0	0.0
20080119:2156	0	0	0	0	0	11.1	6.54	0	0.0
20080119:2256	0	0	0	0	0	11.31	7.94	0	0.0
20080119:2356	0	0	0	0	0	11.52	9.35	0	0.0
20080120:0056	0	0	0	0	0	11.73	10.76	0	0.0
20080120:0156	0	0	0	0	0	11.75	10.42	0	0.0
20080120:0256	0	0	0	0	0	11.78	10.08	0	0.0
20080120:0356	0	0	0	0	0	11.8	9.74	0	0.0
20080120:0456	0	0	0	0	0	11.81	9.82	0	0.0
20080120:0556	0	0	0	0	0	11.82	9.89	0	0.0
20080120:0656	0	0	0	0	0	11.83	9.97	0	0.0
20080120:0756	0	0	0	0	0	11.96	9.9	0	0.0
20080120:0856	12.11	2.73	20.66	0.58	5.65	12.1	9.83	0	3.6
20080120:0956	99.25	36.09	76.79	2.14	11.37	12.23	9.77	0	29.5
20080120:1056	43.06	0.16	57.35	1.6	15.29	12.53	9.62	0	12.8
20080120:1156	43.71	0	58.25	1.62	17.08	12.83	9.47	0	13.0
20080120:1256	38.3	0	52.68	1.46	16.55	13.14	9.32	0	11.4
20080120:1356	20.43	0	33.25	0.92	13.78	13.04	9.07	0	6.1
20080120:1456	29.96	3.37	40.43	1.13	9	12.94	8.82	0	8.9
20080120:1556	5.69	0	15.03	0.45	2.61	12.84	8.57	0	1.7
20080120:1656	0	0	0	0	0	12.47	8.31	0	0.0
20080120:1756	0	0	0	0	0	12.1	8.05	0	0.0
20080120:1856	0	0	0	0	0	11.72	7.79	0	0.0
20080120:1956	0	0	0	0	0	11.51	7.3	0	0.0
20080120:2056	0	0	0	0	0	11.3	6.81	0	0.0
20080120:2156	0	0	0	0	0	11.09	6.32	0	0.0
20080120:2256	0	0	0	0	0	10.97	5.9	0	0.0
20080120:2356	0	0	0	0	0	10.86	5.48	0	0.0
20080121:0056	0	0	0	0	0	10.74	5.06	0	0.0
20080121:0156	0	0	0	0	0	10.79	5.72	0	0.0
20080121:0256	0	0	0	0	0	10.84	6.38	0	0.0
20080121:0356	0	0	0	0	0	10.88	7.03	0	0.0
20080121:0456	0	0	0	0	0	10.55	7.7	0	0.0
20080121:0556	0	0	0	0	0	10.22	8.36	0	0.0
20080121:0656	0	0	0	0	0	9.89	9.02	0	0.0
20080121:0756	0	0	0	0	0	9.67	9.2	0	0.0
20080121:0856	6.68	0.89	15.36	0.43	5.81	9.46	9.37	0	2.0
20080121:0956	7.04	0	16.71	0.46	11.55	9.24	9.54	0	2.1
20080121:1056	1.26	0	8.03	0.22	15.49	9.74	9.85	0	0.4
20080121:1156	2.02	0	9.39	0.26	17.29	10.24	10.15	0	0.6
20080121:1256	11.71	0	22.77	0.63	16.78	10.74	10.46	0	3.5
20080121:1356	75.76	10.27	79.32	2.23	14.01	10.69	10.87	0	22.5
20080121:1456	10.36	1.04	20.04	0.56	9.23	10.63	11.28	0	3.1
20080121:1556	1.01	0	7.58	0.23	2.83	10.58	11.7	0	0.3
20080121:1656	0	0	0	0	0	10.23	11.51	0	0.0
20080121:1756	0	0	0	0	0	9.89	11.32	0	0.0
20080121:1856	0	0	0	0	0	9.54	11.13	0	0.0
20080121:1956	0	0	0	0	0	9.01	10.57	0	0.0
20080121:2056	0	0	0	0	0	8.47	10.01	0	0.0
20080121:2156	0	0	0	0	0	7.93	9.45	0	0.0
20080121:2256	0	0	0	0	0	7.14	8.92	0	0.0
20080121:2356	0	0	0	0	0	6.35	8.39	0	0.0
20080122:0056	0	0	0	0	0	5.56	7.86	0	0.0
20080122:0156	0	0	0	0	0	4.85	6.51	0	0.0
20080122:0256	0	0	0	0	0	4.15	5.16	0	0.0
20080122:0356	0	0	0	0	0	3.44	3.81	0	0.0
20080122:0456	0	0	0	0	0	2.58	3.48	0	0.0
20080122:0556	0	0	0	0	0	1.71	3.15	0	0.0
20080122:0656	0	0	0	0	0	0.85	2.83	0	0.0
20080122:0756	0	0	0	0	0	0.49	2.61	0	0.0
20080122:0856	43.56	6.33	49.19	1.34	5.98	0.12	2.4	0	13.0
20080122:0956	48.45	3.27	56.87	1.59	11.74	-0.24	2.18	0	14.4
20080122:1056	83.62	7.47	86.75	2.43	15.7	1.66	2.34	0	24.9
20080122:1156	135.64	25.97	117.48	3.33	17.52	3.56	2.49	0	40.4
20080122:1256	56.5	0.14	69.33	1.93	17.01	5.45	2.65	0	16.8
20080122:1356	112.09	27.23	95.36	2.71	14.24	5.69	3.17	0	33.3
20080122:1456	57.8	7.5	63.4	1.77	9.46	5.92	3.69	0	17.2
20080122:1556	16.84	2.74	25.89	0.72	3.06	6.16	4.21	0	5.0
20080122:1656	0	0	0	0	0	5.89	4.46	0	0.0
20080122:1756	0	0	0	0	0	5.61	4.7	0	0.0
20080122:1856	0	0	0	0	0	5.34	4.95	0	0.0
20080122:1956	0	0	0	0	0	5.77	5.4	0	0.0
20080122:2056	0	0	0	0	0	6.2	5.84	0	0.0
20080122:2156	0	0	0	0	0	6.63	6.29	0	0.0
20080122:2256	0	0	0	0	0	7.27	6.4	0	0.0
20080122:2356	0	0	0	0	0	7.91	6.5	0	0.0
20080123:0056	0	0	0	0	0	8.55	6.61	0	0.0
20080123:0156	0	0	0	0	0	9.06	6.62	0	0.0
20080123:0256	0	0	0	0	0	9.57	6.63	0	0.0
20080123:0356	0	0	0	0	0	10.08	6.65	0	0.0
20080123:0456	0	0	0	0	0	10.06	6.7	0	0.0
20080123:0556	0	0	0	0	0	10.03	6.76	0	0.0
20080123:0656	0	0	0	0	0	10	6.81	0	0.0
20080123:0756	0	0	0	0	0	9.86	6.87	0	0.0
20080123:0856	39.49	13.15	40.19	1.09	6.16	9.71	6.93	0	11.7
20080123:0956	0.08	0	5.66	0.16	11.93	9.57	6.99	0	0.0

20080123:1056	91.07	35.75	68.12	2.04	15.91	10.04	7.31	0	27.1
20080123:1156	195.14	66.24	136.27	3.92	17.74	10.51	7.64	0	58.1
20080123:1256	127.59	27.02	112.39	3.2	17.25	10.98	7.96	0	38.0
20080123:1356	13.54	0	25.05	0.7	14.48	11.45	7.92	0	4.0
20080123:1456	51.97	15.54	51.11	1.46	9.7	11.92	7.88	0	15.5
20080123:1556	14.35	5.77	20.79	0.58	3.29	12.4	7.85	0	4.3
20080123:1656	0	0	0	0	0	11.85	7.98	0	0.0
20080123:1756	0	0	0	0	0	11.3	8.11	0	0.0
20080123:1856	0	0	0	0	0	10.75	8.25	0	0.0
20080123:1956	0	0	0	0	0	10.46	8.28	0	0.0
20080123:2056	0	0	0	0	0	10.16	8.31	0	0.0
20080123:2156	0	0	0	0	0	9.86	8.34	0	0.0
20080123:2256	0	0	0	0	0	9.95	8.3	0	0.0
20080123:2356	0	0	0	0	0	10.03	8.26	0	0.0
20080124:0056	0	0	0	0	0	10.12	8.22	0	0.0
20080124:0156	0	0	0	0	0	10.43	8.28	0	0.0
20080124:0256	0	0	0	0	0	10.74	8.34	0	0.0
20080124:0356	0	0	0	0	0	11.05	8.4	0	0.0
20080124:0456	0	0	0	0	0	10.57	7.96	0	0.0
20080124:0556	0	0	0	0	0	10.1	7.52	0	0.0
20080124:0656	0	0	0	0	0	9.62	7.08	0	0.0
20080124:0756	0	0	0	0	0	8.96	6.8	0	0.0
20080124:0856	249.32	149.77	104.22	2.15	6.34	8.31	6.53	0	74.2
20080124:0956	74.29	14.84	72.36	2.03	12.13	7.65	6.26	0	22.1
20080124:1056	313.34	153.52	156.81	4.5	16.13	7.85	6.76	0	93.2
20080124:1156	615.27	412.23	187.8	6.53	17.98	8.04	7.26	0	183.0
20080124:1256	653.41	466.6	170.85	6.66	17.49	8.23	7.75	0	194.4
20080124:1356	548.56	383.77	151.49	5.52	14.73	8.06	7.68	0	163.2
20080124:1456	289.07	176.26	114.48	3.24	9.95	7.88	7.6	0	86.0
20080124:1556	92.25	69.56	40.38	1.09	3.53	7.7	7.53	0	27.4
20080124:1656	0	0	0	0	0	6.8	7.06	0	0.0
20080124:1756	0	0	0	0	0	5.9	6.58	0	0.0
20080124:1856	0	0	0	0	0	5	6.11	0	0.0
20080124:1956	0	0	0	0	0	4.63	5.95	0	0.0
20080124:2056	0	0	0	0	0	4.26	5.8	0	0.0
20080124:2156	0	0	0	0	0	3.88	5.64	0	0.0
20080124:2256	0	0	0	0	0	4	6.15	0	0.0
20080124:2356	0	0	0	0	0	4.13	6.65	0	0.0
20080125:0056	0	0	0	0	0	4.25	7.16	0	0.0
20080125:0156	0	0	0	0	0	4.5	7.61	0	0.0
20080125:0256	0	0	0	0	0	4.75	8.06	0	0.0
20080125:0356	0	0	0	0	0	5	8.51	0	0.0
20080125:0456	0	0	0	0	0	5.36	8.68	0	0.0
20080125:0556	0	0	0	0	0	5.71	8.85	0	0.0
20080125:0656	0	0	0	0	0	6.06	9.02	0	0.0
20080125:0756	0	0	0	0	0	6.33	8.99	0	0.0
20080125:0856	96.74	39.22	69.4	1.73	6.53	6.6	8.96	0	28.8
20080125:0956	153.11	61.47	99.16	2.75	12.34	6.87	8.92	0	45.6
20080125:1056	225.12	88.67	139.21	3.97	16.36	8.11	9.14	0	67.0
20080125:1156	76.57	1.92	88.06	2.46	18.22	9.34	9.37	0	22.8
20080125:1256	95.94	8.46	100.61	2.83	17.74	10.57	9.59	0	28.5
20080125:1356	195.57	78.72	124.13	3.6	14.98	10.52	9.61	0	58.2
20080125:1456	327.43	224.99	104.73	3.32	10.19	10.46	9.64	0	97.4
20080125:1556	36.98	18.44	33.72	0.93	3.77	10.41	9.67	0	11.0
20080125:1656	0	0	0	0	0	9.79	9.31	0	0.0
20080125:1756	0	0	0	0	0	9.17	8.94	0	0.0
20080125:1856	0	0	0	0	0	8.55	8.58	0	0.0
20080125:1956	0	0	0	0	0	8.18	8.28	0	0.0
20080125:2056	0	0	0	0	0	7.8	7.98	0	0.0
20080125:2156	0	0	0	0	0	7.42	7.68	0	0.0
20080125:2256	0	0	0	0	0	7.24	7.64	0	0.0
20080125:2356	0	0	0	0	0	7.05	7.6	0	0.0
20080126:0056	0	0	0	0	0	6.87	7.56	0	0.0
20080126:0156	0	0	0	0	0	6.74	7.88	0	0.0
20080126:0256	0	0	0	0	0	6.62	8.2	0	0.0
20080126:0356	0	0	0	0	0	6.49	8.52	0	0.0
20080126:0456	0	0	0	0	0	6.49	8.73	0	0.0
20080126:0556	0	0	0	0	0	6.48	8.93	0	0.0
20080126:0656	0	0	0	0	0	6.47	9.13	0	0.0
20080126:0756	0	0	0	0	0	6.61	9.23	0	0.0
20080126:0856	135.29	73.74	71.26	1.72	6.72	6.74	9.32	0	40.2
20080126:0956	507.87	349.7	141.13	4.42	12.56	6.88	9.42	0	151.1
20080126:1056	645.37	457.17	168.59	6.19	16.59	8.01	9.28	0	192.0
20080126:1156	156.71	35.23	130.23	3.71	18.47	9.13	9.14	0	46.6
20080126:1256	129.36	22.58	118.04	3.35	18	10.26	8.99	0	38.5
20080126:1356	28.09	0	41.32	1.15	15.24	10.23	8.44	0	8.4
20080126:1456	44.36	5.2	53.19	1.49	10.44	10.21	7.89	0	13.2
20080126:1556	51.09	35.4	32.41	0.91	4.01	10.19	7.34	0	15.2
20080126:1656	0	0	0	0	0	9.58	7.27	0	0.0
20080126:1756	0	0	0	0	0	8.97	7.2	0	0.0
20080126:1856	0	0	0	0	0	8.36	7.13	0	0.0
20080126:1956	0	0	0	0	0	7.9	7.34	0	0.0
20080126:2056	0	0	0	0	0	7.44	7.55	0	0.0
20080126:2156	0	0	0	0	0	6.98	7.77	0	0.0
20080126:2256	0	0	0	0	0	6.84	7.83	0	0.0
20080126:2356	0	0	0	0	0	6.69	7.88	0	0.0
20080127:0056	0	0	0	0	0	6.55	7.94	0	0.0
20080127:0156	0	0	0	0	0	6.62	8.04	0	0.0
20080127:0256	0	0	0	0	0	6.69	8.14	0	0.0
20080127:0356	0	0	0	0	0	6.76	8.23	0	0.0
20080127:0456	0	0	0	0	0	6.72	8.07	0	0.0
20080127:0556	0	0	0	0	0	6.68	7.9	0	0.0
20080127:0656	0	0	0	0	0	6.64	7.74	0	0.0
20080127:0756	0	0	0	0	0	6.7	7.37	0	0.0
20080127:0856	196.07	112.41	89.71	2.06	6.92	6.77	6.99	0	58.3
20080127:0956	502.04	348.26	140.25	4.46	12.78	6.83	6.62	0	149.4
20080127:1056	567.47	374.24	179.61	5.96	16.83	7.99	6.8	0	168.8
20080127:1156	616.8	412.52	192.76	6.79	18.72	9.15	6.97	0	183.5
20080127:1256	121.75	17.74	115.92	3.28	18.26	10.31	7.14	0	36.2
20080127:1356	48.64	0.14	62.62	1.74	15.5	10.33	6.4	0	14.5
20080127:1456	210.08	116.27	102.62	2.97	10.7	10.34	5.66	0	62.5
20080127:1556	75.88	55.16	38.77	1.09	4.26	10.35	4.91	0	22.6
20080127:1656	0	0	0	0	0	9.39	4.19	0	0.0
20080127:1756	0	0	0	0	0	8.44	3.48	0	0.0
20080127:1856	0	0	0	0	0	7.48	2.76	0	0.0
20080127:1956	0	0	0	0	0	7.23	2.89	0	0.0
20080127:2056	0	0	0	0	0	6.97	3.02	0	0.0

20080127:2156	0	0	0	0	0	6.71	3.14	0	0.0
20080127:2256	0	0	0	0	0	6.54	3.03	0	0.0
20080127:2356	0	0	0	0	0	6.37	2.91	0	0.0
20080128:0056	0	0	0	0	0	6.2	2.8	0	0.0
20080128:0156	0	0	0	0	0	5.55	2.62	0	0.0
20080128:0256	0	0	0	0	0	4.9	2.44	0	0.0
20080128:0356	0	0	0	0	0	4.24	2.26	0	0.0
20080128:0456	0	0	0	0	0	3.9	2.27	0	0.0
20080128:0556	0	0	0	0	0	3.56	2.28	0	0.0
20080128:0656	0	0	0	0	0	3.22	2.29	0	0.0
20080128:0756	0	0	0	0	0	3.33	2.7	0	0.0
20080128:0856	257.63	155.3	102.7	2.3	7.13	3.45	3.12	0	76.6
20080128:0956	121.38	36.81	93.22	2.62	13	3.56	3.53	0	36.1
20080128:1056	127.37	23.52	112.58	3.18	17.07	4.6	3.85	0	37.9
20080128:1156	705.47	512.92	180.77	7.32	18.98	5.63	4.17	0	209.9
20080128:1256	669.89	484.68	174.47	7.11	18.52	6.66	4.48	0	199.3
20080128:1356	546.47	385.35	151.08	5.79	15.76	6.92	4.51	0	162.6
20080128:1456	274.36	167.82	109.29	3.31	10.96	7.17	4.53	0	81.6
20080128:1556	102.72	77.29	42.82	1.23	4.51	7.42	4.55	0	30.6
20080128:1656	0	0	0	0	0	7.02	4.29	0	0.0
20080128:1756	0	0	0	0	0	6.62	4.03	0	0.0
20080128:1856	0	0	0	0	0	6.22	3.77	0	0.0
20080128:1956	0	0	0	0	0	6.26	3.72	0	0.0
20080128:2056	0	0	0	0	0	6.3	3.68	0	0.0
20080128:2156	0	0	0	0	0	6.34	3.64	0	0.0
20080128:2256	0	0	0	0	0	6.5	3.71	0	0.0
20080128:2356	0	0	0	0	0	6.65	3.78	0	0.0
20080129:0056	0	0	0	0	0	6.81	3.85	0	0.0
20080129:0156	0	0	0	0	0	6.14	3.89	0	0.0
20080129:0256	0	0	0	0	0	5.48	3.92	0	0.0
20080129:0356	0	0	0	0	0	4.81	3.96	0	0.0
20080129:0456	0	0	0	0	0	4.99	4.09	0	0.0
20080129:0556	0	0	0	0	0	5.16	4.22	0	0.0
20080129:0656	0	0	0	0	0	5.33	4.34	0	0.0
20080129:0756	8.68	0	18.6	0.56	0.08	5.68	4.5	0	2.6
20080129:0856	192.2	100.3	98.13	2.28	7.35	6.04	4.66	0	57.2
20080129:0956	297.44	162.92	132.21	3.74	13.23	6.39	4.81	0	88.5
20080129:1056	166.79	47.77	126.51	3.62	17.32	7.63	5.42	0	49.6
20080129:1156	682.77	497.43	175.74	7.21	19.24	8.87	6.03	0	203.1
20080129:1256	271.72	112.37	161.87	4.8	18.79	10.11	6.63	0	80.8
20080129:1356	365.52	209.1	154.88	4.89	16.03	10.3	6.51	0	108.7
20080129:1456	88.83	27.49	75.16	2.15	11.22	10.48	6.39	0	26.4
20080129:1556	77.58	50.84	44.35	1.24	4.77	10.66	6.26	0	23.1
20080129:1656	0	0	0	0	0	10.16	6.41	0	0.0
20080129:1756	0	0	0	0	0	9.65	6.56	0	0.0
20080129:1856	0	0	0	0	0	9.15	6.7	0	0.0
20080129:1956	0	0	0	0	0	8.75	6.31	0	0.0
20080129:2056	0	0	0	0	0	8.35	5.91	0	0.0
20080129:2156	0	0	0	0	0	7.95	5.52	0	0.0
20080129:2256	0	0	0	0	0	7.36	5.53	0	0.0
20080129:2356	0	0	0	0	0	6.76	5.54	0	0.0
20080130:0056	0	0	0	0	0	6.17	5.56	0	0.0
20080130:0156	0	0	0	0	0	5.57	5.6	0	0.0
20080130:0256	0	0	0	0	0	4.97	5.63	0	0.0
20080130:0356	0	0	0	0	0	4.36	5.67	0	0.0
20080130:0456	0	0	0	0	0	3.88	5.69	0	0.0
20080130:0556	0	0	0	0	0	3.39	5.71	0	0.0
20080130:0656	0	0	0	0	0	2.9	5.72	0	0.0
20080130:0756	8.29	0	17.91	0.54	0.28	2.68	5.66	0	2.5
20080130:0856	329.3	199.66	122.14	2.72	7.56	2.46	5.59	0	98.0
20080130:0956	540.13	369.6	146.83	4.83	13.47	2.24	5.52	0	160.7
20080130:1056	690.87	488.35	176.1	6.76	17.58	3.5	6.1	0	205.5
20080130:1156	740.93	531.42	185.01	7.66	19.51	4.76	6.68	0	220.4
20080130:1256	507.21	292.73	197.13	6.4	19.07	6.03	7.26	0	150.9
20080130:1356	372.19	199.35	164.3	5.08	16.3	6.3	6.8	0	110.7
20080130:1456	388.49	264.92	118.42	4.03	11.49	6.58	6.35	0	115.6
20080130:1556	136.8	102.76	50.53	1.48	5.03	6.86	5.9	0	40.7
20080130:1656	0	0	0	0	0	6.15	5.46	0	0.0
20080130:1756	0	0	0	0	0	5.44	5.01	0	0.0
20080130:1856	0	0	0	0	0	4.73	4.57	0	0.0
20080130:1956	0	0	0	0	0	4.38	4.98	0	0.0
20080130:2056	0	0	0	0	0	4.02	5.39	0	0.0
20080130:2156	0	0	0	0	0	3.66	5.81	0	0.0
20080130:2256	0	0	0	0	0	3.75	6.38	0	0.0
20080130:2356	0	0	0	0	0	3.83	6.95	0	0.0
20080131:0056	0	0	0	0	0	3.92	7.52	0	0.0
20080131:0156	0	0	0	0	0	4.34	8.45	0	0.0
20080131:0256	0	0	0	0	0	4.77	9.38	0	0.0
20080131:0356	0	0	0	0	0	5.19	10.32	0	0.0
20080131:0456	0	0	0	0	0	5.5	11.09	0	0.0
20080131:0556	0	0	0	0	0	5.81	11.87	0	0.0
20080131:0656	0	0	0	0	0	6.12	12.65	0	0.0
20080131:0756	9.3	0	19.41	0.58	0.49	6.4	13.43	0	2.8
20080131:0856	165.5	82.9	89.67	2.21	7.79	6.68	14.2	0	49.2
20080131:0956	294.74	156.95	132.64	3.8	13.72	6.96	14.98	0	87.7
20080131:1056	53.54	0	66.68	1.85	17.84	6.91	14.35	0	15.9
20080131:1156	683.42	459.84	192.85	7.35	19.78	6.86	13.73	0	203.3
20080131:1256	209.75	61.13	150.9	4.38	19.35	6.8	13.1	0	62.4
20080131:1356	184.6	58.25	130.83	3.8	16.58	6.55	12.14	0	54.9
20080131:1456	167.62	74.27	100.09	2.91	11.76	6.29	11.17	0	49.9
20080131:1556	174.04	139.23	49.75	1.61	5.29	6.04	10.21	0	51.8
20080131:1656	0	0	0	0	0	5.37	10.04	0	0.0
20080131:1756	0	0	0	0	0	4.7	9.87	0	0.0
20080131:1856	0	0	0	0	0	4.03	9.7	0	0.0
20080131:1956	0	0	0	0	0	3.78	9.94	0	0.0
20080131:2056	0	0	0	0	0	3.52	10.19	0	0.0
20080131:2156	0	0	0	0	0	3.26	10.44	0	0.0
20080131:2256	0	0	0	0	0	3.26	10.8	0	0.0
20080131:2356	0	0	0	0	0	3.27	11.17	0	0.0
20080201:0056	0	0	0	0	0	3.27	11.53	0	0.0
20080201:0156	0	0	0	0	0	3.36	11.47	0	0.0
20080201:0256	0	0	0	0	0	3.44	11.4	0	0.0
20080201:0356	0	0	0	0	0	3.53	11.34	0	0.0
20080201:0456	0	0	0	0	0	3.35	10.97	0	0.0
20080201:0556	0	0	0	0	0	3.17	10.6	0	0.0
20080201:0656	0	0	0	0	0	2.99	10.23	0	0.0
20080201:0756	7.73	0	17.22	0.52	0.7	3.06	10.08	0	2.3

20080201:0856	400.95	261.71	124.75	2.98	8.02	3.14	9.93	0	119.3
20080201:0956	575.49	394.01	151.71	5.15	13.97	3.21	9.78	0	171.2
20080201:1056	725.55	511.31	179.06	7.1	18.1	4.1	10.19	0	215.9
20080201:1156	776.86	554.93	187.51	8.02	20.06	4.99	10.6	0	231.1
20080201:1256	738.74	526.08	181.27	7.81	19.63	5.88	11.01	0	219.8
20080201:1356	616.4	429.6	160.31	6.52	16.86	5.77	10.8	0	183.4
20080201:1456	414.94	281.36	122.02	4.31	12.03	5.65	10.58	0	123.4
20080201:1556	175.53	139.44	50.34	1.66	5.55	5.54	10.37	0	52.2
20080201:1656	0	0	0	0	0	4.62	10.18	0	0.0
20080201:1756	0	0	0	0	0	3.7	10	0	0.0
20080201:1856	0	0	0	0	0	2.79	9.81	0	0.0
20080201:1956	0	0	0	0	0	2.33	9.39	0	0.0
20080201:2056	0	0	0	0	0	1.87	8.98	0	0.0
20080201:2156	0	0	0	0	0	1.41	8.57	0	0.0
20080201:2256	0	0	0	0	0	1.03	7.98	0	0.0
20080201:2356	0	0	0	0	0	0.65	7.39	0	0.0
20080202:0056	0	0	0	0	0	0.27	6.8	0	0.0
20080202:0156	0	0	0	0	0	0.37	6.69	0	0.0
20080202:0256	0	0	0	0	0	0.48	6.58	0	0.0
20080202:0356	0	0	0	0	0	0.58	6.47	0	0.0
20080202:0456	0	0	0	0	0	0.28	6.18	0	0.0
20080202:0556	0	0	0	0	0	-0.03	5.89	0	0.0
20080202:0656	0	0	0	0	0	-0.33	5.6	0	0.0
20080202:0756	10.35	0	20.26	0.61	0.92	-0.07	5.54	0	3.1
20080202:0856	129.4	54.7	81.24	2.11	8.26	0.19	5.49	0	38.5
20080202:0956	94.89	15.91	88.02	2.48	14.22	0.45	5.43	0	28.2
20080202:1056	117.64	13.45	111.99	3.16	18.38	1.77	5.82	0	35.0
20080202:1156	666.93	435.64	203.23	7.49	20.35	3.09	6.21	0	198.4
20080202:1256	235.77	72.84	161.94	4.73	19.92	4.41	6.59	0	70.1
20080202:1356	105.97	12.18	103.84	2.94	17.15	4.67	6.71	0	31.5
20080202:1456	32.43	0	45.05	1.25	12.31	4.92	6.83	0	9.6
20080202:1556	54.9	28.77	40.79	1.14	5.82	5.18	6.95	0	16.3
20080202:1656	0	0	0	0	0	4.73	6.78	0	0.0
20080202:1756	0	0	0	0	0	4.27	6.61	0	0.0
20080202:1856	0	0	0	0	0	3.82	6.44	0	0.0
20080202:1956	0	0	0	0	0	3.96	6.96	0	0.0
20080202:2056	0	0	0	0	0	4.11	7.47	0	0.0
20080202:2156	0	0	0	0	0	4.25	7.99	0	0.0
20080202:2256	0	0	0	0	0	4.61	8.2	0	0.0
20080202:2356	0	0	0	0	0	4.97	8.42	0	0.0
20080203:0056	0	0	0	0	0	5.33	8.63	0	0.0
20080203:0156	0	0	0	0	0	5.3	8.78	0	0.0
20080203:0256	0	0	0	0	0	5.27	8.93	0	0.0
20080203:0356	0	0	0	0	0	5.24	9.08	0	0.0
20080203:0456	0	0	0	0	0	4.85	9.04	0	0.0
20080203:0556	0	0	0	0	0	4.46	9	0	0.0
20080203:0656	0	0	0	0	0	4.07	8.97	0	0.0
20080203:0756	9.16	0	19.08	0.57	1.15	4.02	9	0	2.7
20080203:0856	75.94	21.03	66.6	1.81	8.5	3.98	9.03	0	22.6
20080203:0956	381.69	213.4	153.59	4.5	14.48	3.93	9.06	0	113.6
20080203:1056	66.79	0.13	78.85	2.19	18.66	4.62	9.44	0	19.9
20080203:1156	112.42	6.35	115.83	3.25	20.64	5.31	9.83	0	33.4
20080203:1256	106.89	5.48	111.87	3.14	20.22	6	10.21	0	31.8
20080203:1356	71.07	1.36	82.12	2.29	17.44	5.91	10.05	0	21.1
20080203:1456	104.36	28.31	86.82	2.49	12.59	5.81	9.88	0	31.0
20080203:1556	31.87	10.77	34.5	0.97	6.09	5.72	9.72	0	9.5
20080203:1656	0	0	0	0	0	5.7	9.5	0	0.0
20080203:1756	0	0	0	0	0	5.68	9.28	0	0.0
20080203:1856	0	0	0	0	0	5.66	9.06	0	0.0
20080203:1956	0	0	0	0	0	6	9.34	0	0.0
20080203:2056	0	0	0	0	0	6.34	9.62	0	0.0
20080203:2156	0	0	0	0	0	6.68	9.9	0	0.0
20080203:2256	0	0	0	0	0	6.82	9.95	0	0.0
20080203:2356	0	0	0	0	0	6.97	10	0	0.0
20080204:0056	0	0	0	0	0	7.11	10.04	0	0.0
20080204:0156	0	0	0	0	0	6.28	8.27	0	0.0
20080204:0256	0	0	0	0	0	5.45	6.49	0	0.0
20080204:0356	0	0	0	0	0	4.62	4.72	0	0.0
20080204:0456	0	0	0	0	0	4.17	4.92	0	0.0
20080204:0556	0	0	0	0	0	3.72	5.13	0	0.0
20080204:0656	0	0	0	0	0	3.27	5.34	0	0.0
20080204:0756	7.42	0	16.82	0.51	1.38	2.89	5.42	0	2.2
20080204:0856	321.02	210.4	103.2	2.75	8.75	2.52	5.5	0	95.5
20080204:0956	582.46	402.86	153.67	5.44	14.75	2.14	5.59	0	173.3
20080204:1056	726.78	519.67	180.02	7.41	18.94	3.57	6.25	0	216.2
20080204:1156	775.8	563.11	188.24	8.33	20.93	4.99	6.92	0	230.8
20080204:1256	738.65	534.64	182.12	8.14	20.52	6.42	7.59	0	219.7
20080204:1356	420.69	236.73	172.57	5.67	17.74	6.87	7.67	0	125.2
20080204:1456	4.5	0	13.12	0.36	12.88	7.33	7.76	0	1.3
20080204:1556	137.92	107.76	46.49	1.53	6.36	7.78	7.85	0	41.0
20080204:1656	0	0	0	0	0	7.23	7.47	0	0.0
20080204:1756	0	0	0	0	0	6.67	7.09	0	0.0
20080204:1856	0	0	0	0	0	6.11	6.7	0	0.0
20080204:1956	0	0	0	0	0	5.8	6.7	0	0.0
20080204:2056	0	0	0	0	0	5.48	6.7	0	0.0
20080204:2156	0	0	0	0	0	5.16	6.7	0	0.0
20080204:2256	0	0	0	0	0	5.34	7.29	0	0.0
20080204:2356	0	0	0	0	0	5.52	7.88	0	0.0
20080205:0056	0	0	0	0	0	5.7	8.47	0	0.0
20080205:0156	0	0	0	0	0	6.05	9.45	0	0.0
20080205:0256	0	0	0	0	0	6.4	10.44	0	0.0
20080205:0356	0	0	0	0	0	6.75	11.42	0	0.0
20080205:0456	0	0	0	0	0	7.56	10.55	0	0.0
20080205:0556	0	0	0	0	0	8.38	9.67	0	0.0
20080205:0656	0	0	0	0	0	9.19	8.8	0	0.0
20080205:0756	8.35	0	18.4	0.55	1.62	9.19	8.87	0	2.5
20080205:0856	289.57	185.92	105.3	2.78	9	9.19	8.94	0	86.1
20080205:0956	552.25	389.74	149.13	5.38	15.02	9.19	9.01	0	164.3
20080205:1056	630.24	429.85	185.83	6.96	19.23	9.87	9.39	0	187.5
20080205:1156	740.53	544.3	182.58	8.18	21.23	10.54	9.77	0	220.3
20080205:1256	705.9	516.78	176.74	7.99	20.82	11.22	10.15	0	210.0
20080205:1356	70.7	1.45	83.44	2.33	18.03	11.21	10.33	0	21.0
20080205:1456	270.83	154.37	121	3.84	13.17	11.21	10.51	0	80.6
20080205:1556	123.8	94.06	47.71	1.53	6.64	11.2	10.69	0	36.8
20080205:1656	0	0	0	0	0	10.46	10.31	0	0.0
20080205:1756	0	0	0	0	0	9.72	9.93	0	0.0
20080205:1856	0	0	0	0	0	8.98	9.54	0	0.0

20080205:1956	0	0	0	0	0	8.68	9.54	0	0.0
20080205:2056	0	0	0	0	0	8.39	9.53	0	0.0
20080205:2156	0	0	0	0	0	8.09	9.52	0	0.0
20080205:2256	0	0	0	0	0	8.08	9.18	0	0.0
20080205:2356	0	0	0	0	0	8.08	8.85	0	0.0
20080206:0056	0	0	0	0	0	8.07	8.51	0	0.0
20080206:0156	0	0	0	0	0	7.99	8.44	0	0.0
20080206:0256	0	0	0	0	0	7.9	8.36	0	0.0
20080206:0356	0	0	0	0	0	7.82	8.29	0	0.0
20080206:0456	0	0	0	0	0	7.22	8.11	0	0.0
20080206:0556	0	0	0	0	0	6.63	7.93	0	0.0
20080206:0656	0	0	0	0	0	6.03	7.75	0	0.0
20080206:0756	8.33	0	18.15	0.55	1.86	5.89	7.54	0	2.5
20080206:0856	381.71	255.36	118.57	3.22	9.26	5.74	7.32	0	113.6
20080206:0956	578.22	404.4	153.6	5.6	15.3	5.6	7.1	0	172.0
20080206:1056	733.76	530.75	182.17	7.68	19.52	6.37	7.23	0	218.3
20080206:1156	782.47	574.3	190.07	8.61	21.54	7.13	7.35	0	232.8
20080206:1256	746.12	545.65	184.07	8.42	21.13	7.9	7.48	0	222.0
20080206:1356	628.69	450.85	164.4	7.13	18.33	8.07	6.68	0	187.0
20080206:1456	439.54	304.82	130.43	4.95	13.46	8.24	5.89	0	130.8
20080206:1556	163.16	128.03	51.65	1.79	6.91	8.41	5.09	0	48.5
20080206:1656	0	0	0	0	0	6.73	4.3	0	0.0
20080206:1756	0	0	0	0	0	5.05	3.52	0	0.0
20080206:1856	0	0	0	0	0	3.37	2.73	0	0.0
20080206:1956	0	0	0	0	0	2.75	2.67	0	0.0
20080206:2056	0	0	0	0	0	2.14	2.6	0	0.0
20080206:2156	0	0	0	0	0	1.52	2.54	0	0.0
20080206:2256	0	0	0	0	0	1.73	2.41	0	0.0
20080206:2356	0	0	0	0	0	1.94	2.29	0	0.0
20080207:0056	0	0	0	0	0	2.15	2.17	0	0.0
20080207:0156	0	0	0	0	0	2.78	2.95	0	0.0
20080207:0256	0	0	0	0	0	3.41	3.74	0	0.0
20080207:0356	0	0	0	0	0	4.04	4.52	0	0.0
20080207:0456	0	0	0	0	0	4.31	5.09	0	0.0
20080207:0556	0	0	0	0	0	4.57	5.65	0	0.0
20080207:0656	0	0	0	0	0	4.84	6.21	0	0.0
20080207:0756	0	0	0.97	0.03	2.11	5.3	6.4	0	0.0
20080207:0856	103.58	44.4	70.17	1.94	9.52	5.77	6.59	0	30.8
20080207:0956	211.14	85.06	128.82	3.72	15.58	6.23	6.79	0	62.8
20080207:1056	468.92	263.53	193.4	6.23	19.82	7.77	7.06	0	139.5
20080207:1156	163.74	27.67	144.8	4.14	21.84	9.32	7.33	0	48.7
20080207:1256	201.57	51.13	157.86	4.6	21.44	10.86	7.6	0	60.0
20080207:1356	159.67	38.3	131.8	3.83	18.64	11.33	7.3	0	47.5
20080207:1456	58.8	4.04	69.34	1.95	13.75	11.79	6.99	0	17.5
20080207:1556	47.41	20.41	42.76	1.23	7.19	12.26	6.69	0	14.1
20080207:1656	0	0	0	0	0	11.26	6.06	0	0.0
20080207:1756	0	0	0	0	0	10.26	5.43	0	0.0
20080207:1856	0	0	0	0	0	9.27	4.8	0	0.0
20080207:1956	0	0	0	0	0	8.72	4.84	0	0.0
20080207:2056	0	0	0	0	0	8.18	4.88	0	0.0
20080207:2156	0	0	0	0	0	7.63	4.92	0	0.0
20080207:2256	0	0	0	0	0	7.32	5.07	0	0.0
20080207:2356	0	0	0	0	0	7.01	5.21	0	0.0
20080208:0056	0	0	0	0	0	6.7	5.35	0	0.0
20080208:0156	0	0	0	0	0	6.57	5.36	0	0.0
20080208:0256	0	0	0	0	0	6.44	5.36	0	0.0
20080208:0356	0	0	0	0	0	6.31	5.37	0	0.0
20080208:0456	0	0	0	0	0	6	5.48	0	0.0
20080208:0556	0	0	0	0	0	5.68	5.6	0	0.0
20080208:0656	0	0	0	0	0	5.37	5.71	0	0.0
20080208:0756	34.79	24.61	24.2	0.64	2.36	5.56	5.73	0	10.4
20080208:0856	347.97	227.25	115.8	3.23	9.79	5.74	5.76	0	103.5
20080208:0956	289.12	139.66	146.32	4.31	15.87	5.93	5.78	0	86.0
20080208:1056	717.97	525.02	179.62	7.77	20.12	7.39	5.9	0	213.6
20080208:1156	762.76	567.91	187.41	8.69	22.16	8.86	6.03	0	226.9
20080208:1256	725.58	539.85	181.62	8.51	21.75	10.32	6.15	0	215.9
20080208:1356	618.76	450.72	163.62	7.28	18.95	10.62	5.98	0	184.1
20080208:1456	431.84	304.23	128.6	5.06	14.04	10.93	5.8	0	128.5
20080208:1556	144.34	111.92	50.54	1.79	7.47	11.23	5.63	0	42.9
20080208:1656	0	0	0	0	0	9.88	4.99	0	0.0
20080208:1756	0	0	0	0	0	8.53	4.35	0	0.0
20080208:1856	0	0	0	0	0	7.18	3.71	0	0.0
20080208:1956	0	0	0	0	0	6.46	3.78	0	0.0
20080208:2056	0	0	0	0	0	5.74	3.85	0	0.0
20080208:2156	0	0	0	0	0	5.02	3.92	0	0.0
20080208:2256	0	0	0	0	0	4.77	4	0	0.0
20080208:2356	0	0	0	0	0	4.52	4.07	0	0.0
20080209:0056	0	0	0	0	0	4.27	4.15	0	0.0
20080209:0156	0	0	0	0	0	4.22	4.14	0	0.0
20080209:0256	0	0	0	0	0	4.16	4.13	0	0.0
20080209:0356	0	0	0	0	0	4.11	4.12	0	0.0
20080209:0456	0	0	0	0	0	3.94	4.03	0	0.0
20080209:0556	0	0	0	0	0	3.77	3.94	0	0.0
20080209:0656	0	0	0	0	0	3.6	3.85	0	0.0
20080209:0756	35.62	25.11	24.29	0.65	2.62	3.94	3.89	0	10.6
20080209:0856	377.36	257.82	112.59	3.35	10.07	4.28	3.93	0	112.3
20080209:0956	600.62	426.41	159.1	6.04	16.16	4.62	3.97	0	178.7
20080209:1056	736.18	544.52	184.39	8.07	20.43	6.6	4.17	0	219.0
20080209:1156	778.56	588.03	191.83	9.01	22.48	8.59	4.37	0	231.6
20080209:1256	699.49	503.25	198.98	8.56	22.07	10.57	4.57	0	208.1
20080209:1356	621.65	438.02	186.29	7.62	19.26	10.99	4.34	0	184.9
20080209:1456	473.18	339.32	138.82	5.55	14.34	11.4	4.12	0	140.8
20080209:1556	154.11	121.49	51.45	1.9	7.76	11.82	3.9	0	45.8
20080209:1656	0	0	0	0	0	9.94	3.51	0	0.0
20080209:1756	0	0	0	0	0	8.06	3.11	0	0.0
20080209:1856	0	0	0	0	0	6.18	2.72	0	0.0
20080209:1956	0	0	0	0	0	5.32	2.68	0	0.0
20080209:2056	0	0	0	0	0	4.46	2.64	0	0.0
20080209:2156	0	0	0	0	0	3.6	2.61	0	0.0
20080209:2256	0	0	0	0	0	2.98	2.56	0	0.0
20080209:2356	0	0	0	0	0	2.37	2.51	0	0.0
20080210:0056	0	0	0	0	0	1.75	2.46	0	0.0
20080210:0156	0	0	0	0	0	1.61	2.53	0	0.0
20080210:0256	0	0	0	0	0	1.48	2.6	0	0.0
20080210:0356	0	0	0	0	0	1.34	2.68	0	0.0
20080210:0456	0	0	0	0	0	0.67	2.72	0	0.0
20080210:0556	0	0	0	0	0	-0.01	2.77	0	0.0

20080210:0656	0	0	0	0	0	-0.68	2.81	0	0.0
20080210:0756	34.18	23.77	23.39	0.63	2.88	-0.11	2.44	0	10.2
20080210:0856	378.37	255.93	112.11	3.4	10.35	0.46	2.06	0	112.6
20080210:0956	594.84	422.6	157.67	6.08	16.46	1.03	1.68	0	177.0
20080210:1056	731.13	546.38	184.26	8.17	20.74	3.98	1.9	0	217.5
20080210:1156	769.03	589.54	191.76	9.12	22.8	6.94	2.12	0	228.8
20080210:1256	729.38	560.85	185.85	8.93	22.39	9.89	2.34	0	217.0
20080210:1356	644.8	486.22	172.16	7.88	19.57	10.56	2.24	0	191.8
20080210:1456	461.5	334.21	137.11	5.57	14.64	11.24	2.13	0	137.3
20080210:1556	153.36	123.46	49.36	1.92	8.04	11.91	2.03	0	45.6
20080210:1656	0	0	0	0	0	9.62	2.28	0	0.0
20080210:1756	0	0	0	0	0	7.32	2.52	0	0.0
20080210:1856	0	0	0	0	0	5.03	2.77	0	0.0
20080210:1956	0	0	0	0	0	4.28	2.68	0	0.0
20080210:2056	0	0	0	0	0	3.53	2.59	0	0.0
20080210:2156	0	0	0	0	0	2.78	2.5	0	0.0
20080210:2256	0	0	0	0	0	2.34	2.53	0	0.0
20080210:2356	0	0	0	0	0	1.89	2.57	0	0.0
20080211:0056	0	0	0	0	0	1.45	2.61	0	0.0
20080211:0156	0	0	0	0	0	1.3	2.66	0	0.0
20080211:0256	0	0	0	0	0	1.14	2.72	0	0.0
20080211:0356	0	0	0	0	0	0.99	2.77	0	0.0
20080211:0456	0	0	0	0	0	0.63	2.77	0	0.0
20080211:0556	0	0	0	0	0	0.26	2.76	0	0.0
20080211:0656	0	0	0	0	0	-0.1	2.76	0	0.0
20080211:0756	74.07	63.11	24.68	0.69	3.15	0.66	2.69	0	22.0
20080211:0856	395.32	268.43	116.22	3.58	10.63	1.42	2.62	0	117.6
20080211:0956	613.51	436.4	161.24	6.3	16.76	2.18	2.55	0	182.5
20080211:1056	695.43	491.66	196.37	8.02	21.06	4.52	2.69	0	206.9
20080211:1156	778.06	592.11	191.85	9.23	23.12	6.87	2.83	0	231.5
20080211:1256	739.07	563.31	186.01	9.04	22.72	9.21	2.97	0	219.9
20080211:1356	660.07	493.63	173.71	8.06	19.89	9.72	2.93	0	196.4
20080211:1456	474.52	340.83	138.96	5.73	14.95	10.24	2.89	0	141.2
20080211:1556	152.84	121.36	49.59	1.96	8.33	10.75	2.86	0	45.5
20080211:1656	0	0	0	0	0	8.55	2.78	0	0.0
20080211:1756	0	0	0	0	0	6.35	2.71	0	0.0
20080211:1856	0	0	0	0	0	4.14	2.63	0	0.0
20080211:1956	0	0	0	0	0	3.44	2.61	0	0.0
20080211:2056	0	0	0	0	0	2.74	2.59	0	0.0
20080211:2156	0	0	0	0	0	2.04	2.57	0	0.0
20080211:2256	0	0	0	0	0	1.54	2.9	0	0.0
20080211:2356	0	0	0	0	0	1.03	3.23	0	0.0
20080212:0056	0	0	0	0	0	0.53	3.56	0	0.0
20080212:0156	0	0	0	0	0	0.55	3.6	0	0.0
20080212:0256	0	0	0	0	0	0.57	3.64	0	0.0
20080212:0356	0	0	0	0	0	0.59	3.68	0	0.0
20080212:0456	0	0	0	0	0	0.62	3.19	0	0.0
20080212:0556	0	0	0	0	0	0.65	2.69	0	0.0
20080212:0656	0	0	0	0	0	0.68	2.19	0	0.0
20080212:0756	27.88	16.87	23.65	0.65	3.43	0.9	1.72	0	8.3
20080212:0856	199.38	121.37	80.33	2.47	10.92	1.11	1.26	0	59.3
20080212:0956	361.4	228.99	123.99	4.45	17.06	1.33	0.79	0	107.5
20080212:1056	390.59	218.66	166.87	5.68	21.38	4.12	0.89	0	116.2
20080212:1156	762.79	596.06	192.28	9.36	23.45	6.9	1	0	226.9
20080212:1256	724.17	567.23	186.45	9.17	23.05	9.69	1.1	0	215.4
20080212:1356	638.29	486.76	171.53	8.06	20.21	10.36	1.26	0	189.9
20080212:1456	461.77	336.18	137.4	5.75	15.25	11.02	1.43	0	137.4
20080212:1556	125.92	97.78	46.87	1.8	8.62	11.69	1.59	0	37.5
20080212:1656	0	0	0	0	0	9.92	1.78	0	0.0
20080212:1756	0	0	0	0	0	8.15	1.97	0	0.0
20080212:1856	0	0	0	0	0	6.38	2.17	0	0.0
20080212:1956	0	0	0	0	0	5.39	2.03	0	0.0
20080212:2056	0	0	0	0	0	4.4	1.9	0	0.0
20080212:2156	0	0	0	0	0	3.41	1.77	0	0.0
20080212:2256	0	0	0	0	0	3.22	1.63	0	0.0
20080212:2356	0	0	0	0	0	3.02	1.5	0	0.0
20080213:0056	0	0	0	0	0	2.83	1.37	0	0.0
20080213:0156	0	0	0	0	0	1.55	1.59	0	0.0
20080213:0256	0	0	0	0	0	0.26	1.81	0	0.0
20080213:0356	0	0	0	0	0	-1.02	2.03	0	0.0
20080213:0456	0	0	0	0	0	-1.57	1.67	0	0.0
20080213:0556	0	0	0	0	0	-2.13	1.32	0	0.0
20080213:0656	0	0	0	0	0	-2.68	0.97	0	0.0
20080213:0756	30.91	17.03	26.21	0.72	3.7	-1.75	1.28	0	9.2
20080213:0856	423.99	287.83	122.61	3.91	11.22	-0.82	1.59	0	126.1
20080213:0956	641.25	457.28	166.34	6.69	17.37	0.11	1.9	0	190.8
20080213:1056	771.43	578.48	190.95	8.8	21.71	2.21	1.75	0	229.5
20080213:1156	807.36	621.93	197.93	9.77	23.79	4.3	1.59	0	240.0
20080213:1256	766.12	592.1	191.92	9.57	23.38	6.4	1.43	0	227.9
20080213:1356	505.23	298.68	206.76	7.24	20.53	7.72	1.89	0	150.3
20080213:1456	90.57	9.15	94.76	2.68	15.56	9.05	2.35	0	26.9
20080213:1556	96.02	41.04	70.83	2.07	8.91	10.37	2.81	0	28.6
20080213:1656	0	0	0.45	0.01	1.06	8.31	2.67	0	0.0
20080213:1756	0	0	0	0	0	6.25	2.52	0	0.0
20080213:1856	0	0	0	0	0	4.2	2.37	0	0.0
20080213:1956	0	0	0	0	0	3.52	2.24	0	0.0
20080213:2056	0	0	0	0	0	2.85	2.11	0	0.0
20080213:2156	0	0	0	0	0	2.17	1.99	0	0.0
20080213:2256	0	0	0	0	0	2.39	2.43	0	0.0
20080213:2356	0	0	0	0	0	2.61	2.87	0	0.0
20080214:0056	0	0	0	0	0	2.83	3.31	0	0.0
20080214:0156	0	0	0	0	0	2.52	3.5	0	0.0
20080214:0256	0	0	0	0	0	2.22	3.69	0	0.0
20080214:0356	0	0	0	0	0	1.91	3.88	0	0.0
20080214:0456	0	0	0	0	0	1.79	3.83	0	0.0
20080214:0556	0	0	0	0	0	1.66	3.79	0	0.0
20080214:0656	0	0	0	0	0	1.54	3.75	0	0.0
20080214:0756	99.94	78.84	34.03	0.95	3.99	1.74	3.81	0	29.7
20080214:0856	34.54	0.48	46.26	1.29	11.51	1.95	3.86	0	10.3
20080214:0956	20.64	0	32.2	0.9	17.69	2.15	3.92	0	6.1
20080214:1056	46.33	0	58.74	1.63	22.04	2.85	3.94	0	13.8
20080214:1156	68.15	0	80.14	2.23	24.13	3.54	3.96	0	20.3
20080214:1256	62.79	0	75.19	2.09	23.72	4.24	3.99	0	18.7
20080214:1356	65.45	0	77.82	2.16	20.86	4.39	3.89	0	19.5
20080214:1456	35.65	0	48.34	1.34	15.87	4.54	3.78	0	10.6
20080214:1556	58.57	15.73	56.3	1.63	9.2	4.69	3.68	0	17.4
20080214:1656	0	0	4.74	0.14	1.34	4.43	3.79	0	0.0

20080214:1756	0	0	0	0	0	4.16	3.9	0	0.0
20080214:1856	0	0	0	0	0	3.89	4.01	0	0.0
20080214:1956	0	0	0	0	0	3.71	4.06	0	0.0
20080214:2056	0	0	0	0	0	3.52	4.11	0	0.0
20080214:2156	0	0	0	0	0	3.33	4.17	0	0.0
20080214:2256	0	0	0	0	0	3.29	4.01	0	0.0
20080214:2356	0	0	0	0	0	3.24	3.86	0	0.0
20080215:0056	0	0	0	0	0	3.2	3.71	0	0.0
20080215:0156	0	0	0	0	0	3.17	3.94	0	0.0
20080215:0256	0	0	0	0	0	3.15	4.18	0	0.0
20080215:0356	0	0	0	0	0	3.12	4.41	0	0.0
20080215:0456	0	0	0	0	0	3.14	4.35	0	0.0
20080215:0556	0	0	0	0	0	3.15	4.29	0	0.0
20080215:0656	0	0	0	0	0	3.17	4.23	0	0.0
20080215:0756	16.33	7.74	20.14	0.57	4.27	3.41	4.31	0	4.9
20080215:0856	62.09	9.36	64.95	1.83	11.82	3.65	4.39	0	18.5
20080215:0956	53.76	0	66.28	1.84	18.01	3.89	4.47	0	16.0
20080215:1056	86.58	0.35	97.65	2.72	22.37	4.54	4.79	0	25.8
20080215:1156	108.38	1.42	117.35	3.27	24.47	5.19	5.1	0	32.2
20080215:1256	131.06	6.73	133.46	3.75	24.06	5.84	5.42	0	39.0
20080215:1356	346.41	151.42	187.82	5.97	21.19	5.72	5.46	0	103.1
20080215:1456	92.52	9.98	94.02	2.67	16.18	5.61	5.49	0	27.5
20080215:1556	105.39	46.59	71.84	2.16	9.5	5.49	5.53	0	31.4
20080215:1656	0.75	0	6.97	0.19	1.62	4.56	5.09	0	0.2
20080215:1756	0	0	0	0	0	3.63	4.64	0	0.0
20080215:1856	0	0	0	0	0	2.69	4.19	0	0.0
20080215:1956	0	0	0	0	0	2.16	4.03	0	0.0
20080215:2056	0	0	0	0	0	1.63	3.87	0	0.0
20080215:2156	0	0	0	0	0	1.1	3.71	0	0.0
20080215:2256	0	0	0	0	0	0.8	3.4	0	0.0
20080215:2356	0	0	0	0	0	0.5	3.09	0	0.0
20080216:0056	0	0	0	0	0	0.2	2.79	0	0.0
20080216:0156	0	0	0	0	0	-0.35	2.82	0	0.0
20080216:0256	0	0	0	0	0	-0.9	2.86	0	0.0
20080216:0356	0	0	0	0	0	-1.45	2.9	0	0.0
20080216:0456	0	0	0	0	0	-1.66	2.77	0	0.0
20080216:0556	0	0	0	0	0	-1.88	2.64	0	0.0
20080216:0656	0	0	0	0	0	-2.09	2.51	0	0.0
20080216:0756	144.13	107.83	45.2	1.24	4.57	-1.42	2.91	0	42.9
20080216:0856	466.86	315.72	131.21	4.4	12.12	-0.74	3.31	0	138.9
20080216:0956	688	486.8	173.17	7.27	18.33	-0.07	3.71	0	204.7
20080216:1056	822.91	605.31	195.74	9.38	22.71	1.38	3.99	0	240.0
20080216:1156	866.64	648.64	202.34	10.37	24.81	2.84	4.26	0	240.0
20080216:1256	828.08	617.84	196.21	10.17	24.4	4.29	4.54	0	240.0
20080216:1356	719.1	523.79	179.05	8.88	21.52	4.47	4.39	0	213.9
20080216:1456	526.38	368.49	145.71	6.49	16.49	4.66	4.24	0	156.6
20080216:1556	269.29	184.38	93.08	3.41	9.79	4.84	4.1	0	80.1
20080216:1656	2.28	0	9.61	0.27	1.9	3.19	3.47	0	0.7
20080216:1756	0	0	0	0	0	1.54	2.84	0	0.0
20080216:1856	0	0	0	0	0	-0.1	2.21	0	0.0
20080216:1956	0	0	0	0	0	-1.07	2.49	0	0.0
20080216:2056	0	0	0	0	0	-2.04	2.77	0	0.0
20080216:2156	0	0	0	0	0	-3.01	3.05	0	0.0
20080216:2256	0	0	0	0	0	-3.41	3.05	0	0.0
20080216:2356	0	0	0	0	0	-3.81	3.06	0	0.0
20080217:0056	0	0	0	0	0	-4.21	3.06	0	0.0
20080217:0156	0	0	0	0	0	-4.17	2.86	0	0.0
20080217:0256	0	0	0	0	0	-4.13	2.67	0	0.0
20080217:0356	0	0	0	0	0	-4.09	2.47	0	0.0
20080217:0456	0	0	0	0	0	-4.1	1.74	0	0.0
20080217:0556	0	0	0	0	0	-4.12	1.02	0	0.0
20080217:0656	0	0	0	0	0	-4.13	0.29	0	0.0
20080217:0756	148.55	108.87	47.78	1.32	4.86	-3.44	0.41	0	44.2
20080217:0856	459.06	313.8	130.49	4.47	12.44	-2.76	0.54	0	136.6
20080217:0956	667.39	482.74	171.62	7.31	18.66	-2.07	0.66	0	198.5
20080217:1056	809.14	619.39	198.51	9.65	23.05	0.13	0.7	0	240.0
20080217:1156	844.22	662.91	204.89	10.64	25.16	2.33	0.74	0	240.0
20080217:1256	804.44	631.52	198.67	10.44	24.75	4.53	0.79	0	239.3
20080217:1356	738.57	566.85	188.63	9.54	21.85	4.95	0.89	0	219.7
20080217:1456	554.3	403.59	154.87	7.04	16.81	5.36	0.99	0	164.9
20080217:1556	298.16	209.08	101.36	3.79	10.09	5.78	1.09	0	88.7
20080217:1656	3.29	0	11.23	0.31	2.18	4.52	0.96	0	1.0
20080217:1756	0	0	0	0	0	3.25	0.83	0	0.0
20080217:1856	0	0	0	0	0	1.99	0.7	0	0.0
20080217:1956	0	0	0	0	0	0.29	1.27	0	0.0
20080217:2056	0	0	0	0	0	-1.41	1.84	0	0.0
20080217:2156	0	0	0	0	0	-3.11	2.41	0	0.0
20080217:2256	0	0	0	0	0	-3.2	2.25	0	0.0
20080217:2356	0	0	0	0	0	-3.3	2.09	0	0.0
20080218:0056	0	0	0	0	0	-3.39	1.93	0	0.0
20080218:0156	0	0	0	0	0	-3.2	1.74	0	0.0
20080218:0256	0	0	0	0	0	-3.01	1.54	0	0.0
20080218:0356	0	0	0	0	0	-2.82	1.35	0	0.0
20080218:0456	0	0	0	0	0	-3.39	1.2	0	0.0
20080218:0556	0	0	0	0	0	-3.96	1.06	0	0.0
20080218:0656	0	0	0	0	0	-4.53	0.91	0	0.0
20080218:0756	159.99	115.02	51.7	1.43	5.16	-3.48	1.36	0	47.6
20080218:0856	159.29	58.38	103.52	2.96	12.75	-2.44	1.81	0	47.4
20080218:0956	170.4	35.04	137.1	3.94	18.99	-1.39	2.26	0	50.7
20080218:1056	297.68	91.21	199.12	5.9	23.4	0.72	2.17	0	88.6
20080218:1156	377.47	137.9	230.58	7.03	25.52	2.83	2.09	0	112.3
20080218:1256	806.04	619.83	195.6	10.38	25.09	4.94	2	0	239.8
20080218:1356	740.18	559.17	186.3	9.53	22.19	5.45	2.03	0	220.2
20080218:1456	552.05	398.12	153.06	7.06	17.13	5.96	2.06	0	164.2
20080218:1556	295.82	206.54	100.7	3.84	10.39	6.47	2.08	0	88.0
20080218:1656	19.68	23.73	14.22	0.49	2.46	3.79	2.48	0	5.9
20080218:1756	0	0	0	0	0	1.11	2.88	0	0.0
20080218:1856	0	0	0	0	0	-1.57	3.28	0	0.0
20080218:1956	0	0	0	0	0	-2.16	3.27	0	0.0
20080218:2056	0	0	0	0	0	-2.76	3.26	0	0.0
20080218:2156	0	0	0	0	0	-3.36	3.24	0	0.0
20080218:2256	0	0	0	0	0	-3.58	3.33	0	0.0
20080218:2356	0	0	0	0	0	-3.8	3.43	0	0.0
20080219:0056	0	0	0	0	0	-4.02	3.52	0	0.0
20080219:0156	0	0	0	0	0	-3.72	3.27	0	0.0
20080219:0256	0	0	0	0	0	-3.42	3.03	0	0.0
20080219:0356	0	0	0	0	0	-3.12	2.79	0	0.0

20080219:0456	0	0	0	0	0	-2.59	2.5	0	0.0
20080219:0556	0	0	0	0	0	-2.05	2.22	0	0.0
20080219:0656	0	0	0	0	0	-1.52	1.93	0	0.0
20080219:0756	169.02	120.76	55.63	1.54	5.47	-1.06	2.16	0	50.3
20080219:0856	76.4	10.03	76.67	2.16	13.07	-0.59	2.39	0	22.7
20080219:0956	64.74	0	75.84	2.11	19.33	-0.13	2.62	0	19.3
20080219:1056	115.88	1.99	122.11	3.41	23.75	1.19	2.69	0	34.5
20080219:1156	121.19	1.16	128.54	3.58	25.87	2.5	2.75	0	36.1
20080219:1256	152.84	8.41	151.3	4.26	25.44	3.82	2.81	0	45.5
20080219:1356	93.28	0.31	103.92	2.89	22.52	3.87	2.97	0	27.8
20080219:1456	53.2	0	65.8	1.83	17.44	3.93	3.14	0	15.8
20080219:1556	11.78	0	22.33	0.62	10.69	3.98	3.3	0	3.5
20080219:1656	0	0	1.27	0.04	2.74	2.6	2.93	0	0.0
20080219:1756	0	0	0	0	0	1.22	2.56	0	0.0
20080219:1856	0	0	0	0	0	-0.16	2.19	0	0.0
20080219:1956	0	0	0	0	0	-0.53	2.18	0	0.0
20080219:2056	0	0	0	0	0	-0.9	2.17	0	0.0
20080219:2156	0	0	0	0	0	-1.27	2.15	0	0.0
20080219:2256	0	0	0	0	0	-1.55	2.24	0	0.0
20080219:2356	0	0	0	0	0	-1.83	2.33	0	0.0
20080220:0056	0	0	0	0	0	-2.11	2.41	0	0.0
20080220:0156	0	0	0	0	0	-2.13	2	0	0.0
20080220:0256	0	0	0	0	0	-2.14	1.6	0	0.0
20080220:0356	0	0	0	0	0	-2.16	1.19	0	0.0
20080220:0456	0	0	0	0	0	-2.39	0.96	0	0.0
20080220:0556	0	0	0	0	0	-2.63	0.74	0	0.0
20080220:0656	0	0	0	0	0	-2.86	0.51	0	0.0
20080220:0756	176.36	120.51	62.8	1.61	5.78	-1.99	0.5	0	52.5
20080220:0856	73.61	8.56	75.55	2.13	13.39	-1.13	0.48	0	21.9
20080220:0956	42.65	0	54.57	1.52	19.67	-0.26	0.47	0	12.7
20080220:1056	94.17	0.11	104.28	2.9	24.1	1.58	1.08	0	28.0
20080220:1156	77.8	0	89.53	2.49	26.23	3.43	1.68	0	23.1
20080220:1256	85.06	0	97.08	2.7	25.8	5.27	2.29	0	25.3
20080220:1356	92.23	0.5	103.33	2.88	22.86	5.24	2.71	0	27.4
20080220:1456	290.72	133.6	155.95	5.09	17.76	5.2	3.14	0	86.5
20080220:1556	216.46	130.48	95.22	3.34	10.99	5.17	3.56	0	64.4
20080220:1656	16.49	15.35	16.62	0.54	3.03	3.89	3.24	0	4.9
20080220:1756	0	0	0	0	0	2.61	2.91	0	0.0
20080220:1856	0	0	0	0	0	1.33	2.59	0	0.0
20080220:1956	0	0	0	0	0	1.31	2.85	0	0.0
20080220:2056	0	0	0	0	0	1.29	3.1	0	0.0
20080220:2156	0	0	0	0	0	1.27	3.35	0	0.0
20080220:2256	0	0	0	0	0	1.61	3.68	0	0.0
20080220:2356	0	0	0	0	0	1.95	4.01	0	0.0
20080221:0056	0	0	0	0	0	2.29	4.34	0	0.0
20080221:0156	0	0	0	0	0	3.16	4.73	0	0.0
20080221:0256	0	0	0	0	0	4.02	5.11	0	0.0
20080221:0356	0	0	0	0	0	4.89	5.49	0	0.0
20080221:0456	0	0	0	0	0	5.02	5.71	0	0.0
20080221:0556	0	0	0	0	0	5.14	5.94	0	0.0
20080221:0656	0	0	0	0	0	5.27	6.17	0	0.0
20080221:0756	11.63	0.86	21.44	0.6	6.09	5.69	6.46	0	3.5
20080221:0856	39.16	0.14	52.04	1.45	13.72	6.1	6.75	0	11.7
20080221:0956	45.91	0	59.09	1.64	20.01	6.52	7.05	0	13.7
20080221:1056	5.74	0	14.87	0.41	24.46	7.61	7.79	0	1.7
20080221:1156	84.52	0	97.47	2.71	26.59	8.71	8.53	0	25.1
20080221:1256	84.33	0	97.69	2.72	26.15	9.8	9.27	0	25.1
20080221:1356	39.11	0	52.86	1.47	23.2	9.88	9.12	0	11.6
20080221:1456	13.07	0	24.35	0.68	18.08	9.95	8.97	0	3.9
20080221:1556	35.81	1.31	48.21	1.35	11.29	10.03	8.81	0	10.7
20080221:1656	0.3	0	6.14	0.17	3.31	9.8	8.84	0	0.1
20080221:1756	0	0	0	0	0	9.57	8.86	0	0.0
20080221:1856	0	0	0	0	0	9.35	8.88	0	0.0
20080221:1956	0	0	0	0	0	9.31	8.85	0	0.0
20080221:2056	0	0	0	0	0	9.27	8.82	0	0.0
20080221:2156	0	0	0	0	0	9.23	8.79	0	0.0
20080221:2256	0	0	0	0	0	9.34	8.53	0	0.0
20080221:2356	0	0	0	0	0	9.46	8.28	0	0.0
20080222:0056	0	0	0	0	0	9.57	8.03	0	0.0
20080222:0156	0	0	0	0	0	9.46	8.11	0	0.0
20080222:0256	0	0	0	0	0	9.34	8.18	0	0.0
20080222:0356	0	0	0	0	0	9.23	8.26	0	0.0
20080222:0456	0	0	0	0	0	9.3	8.16	0	0.0
20080222:0556	0	0	0	0	0	9.36	8.05	0	0.0
20080222:0656	0	0	0	0	0	9.43	7.94	0	0.0
20080222:0756	0.68	0	6.93	0.19	6.41	9.67	8.65	0	0.2
20080222:0856	44.74	0.67	57.96	1.61	14.05	9.9	9.36	0	13.3
20080222:0956	134.57	19.54	125.88	3.6	20.36	10.14	10.07	0	40.0
20080222:1056	269.15	79.8	191.65	5.73	24.82	10.91	10.83	0	80.1
20080222:1156	58.9	0	73.34	2.04	26.96	11.68	11.59	0	17.5
20080222:1256	377.48	151.26	223.57	7.12	26.51	12.45	12.34	0	112.3
20080222:1356	426.33	212.44	209.56	7.18	23.55	12.6	11.75	0	126.8
20080222:1456	274.84	123.84	156.03	5.1	18.4	12.75	11.15	0	81.8
20080222:1556	165.37	86.32	94.11	3.1	11.59	12.9	10.55	0	49.2
20080222:1656	11.31	6.85	17.37	0.53	3.6	12.26	10.02	0	3.4
20080222:1756	0	0	0	0	0	11.62	9.48	0	0.0
20080222:1856	0	0	0	0	0	10.98	8.95	0	0.0
20080222:1956	0	0	0	0	0	10.26	8.18	0	0.0
20080222:2056	0	0	0	0	0	9.53	7.41	0	0.0
20080222:2156	0	0	0	0	0	8.8	6.63	0	0.0
20080222:2256	0	0	0	0	0	8.05	5.71	0	0.0
20080222:2356	0	0	0	0	0	7.3	4.8	0	0.0
20080223:0056	0	0	0	0	0	6.55	3.88	0	0.0
20080223:0156	0	0	0	0	0	6.03	3.6	0	0.0
20080223:0256	0	0	0	0	0	5.52	3.32	0	0.0
20080223:0356	0	0	0	0	0	5	3.05	0	0.0
20080223:0456	0	0	0	0	0	5.12	3.78	0	0.0
20080223:0556	0	0	0	0	0	5.23	4.52	0	0.0
20080223:0656	0	0	0	0	0	5.35	5.26	0	0.0
20080223:0756	79.54	43.89	49.56	1.37	6.73	6.11	5.86	0	23.7
20080223:0856	100.78	22.23	89.98	2.58	14.39	6.86	6.47	0	30.0
20080223:0956	155.49	28.42	135.2	3.9	20.71	7.62	7.08	0	46.3
20080223:1056	94.7	0.32	107.03	2.98	25.18	8.95	8.02	0	28.2
20080223:1156	47.51	0	61.54	1.71	27.32	10.27	8.97	0	14.1
20080223:1256	236.37	50.71	191.23	5.65	26.87	11.6	9.92	0	70.3
20080223:1356	160.42	20.38	150.37	4.33	23.89	11.47	9.47	0	47.7
20080223:1456	74.78	1.68	87.32	2.44	18.73	11.35	9.03	0	22.2

20080223:1556	27.1	0	40.4	1.12	11.89	11.22	8.58	0	8.1
20080223:1656	20.56	15.54	21.7	0.71	3.88	10.73	8.17	0	6.1
20080223:1756	0	0	0	0	0	10.24	7.75	0	0.0
20080223:1856	0	0	0	0	0	9.76	7.34	0	0.0
20080223:1956	0	0	0	0	0	9.39	7.14	0	0.0
20080223:2056	0	0	0	0	0	9.02	6.93	0	0.0
20080223:2156	0	0	0	0	0	8.65	6.73	0	0.0
20080223:2256	0	0	0	0	0	8.45	6.63	0	0.0
20080223:2356	0	0	0	0	0	8.26	6.54	0	0.0
20080224:0056	0	0	0	0	0	8.06	6.44	0	0.0
20080224:0156	0	0	0	0	0	8.1	6.44	0	0.0
20080224:0256	0	0	0	0	0	8.13	6.44	0	0.0
20080224:0356	0	0	0	0	0	8.17	6.44	0	0.0
20080224:0456	0	0	0	0	0	8	6.43	0	0.0
20080224:0556	0	0	0	0	0	7.82	6.41	0	0.0
20080224:0656	0	0	0	0	0	7.65	6.4	0	0.0
20080224:0756	0	0	3.2	0.09	7.05	7.85	6.74	0	0.0
20080224:0856	179.3	69.73	116.59	3.44	14.73	8.04	7.08	0	53.3
20080224:0956	194.9	47.76	152.8	4.47	21.06	8.24	7.42	0	58.0
20080224:1056	132.5	5.65	137.45	3.86	25.55	8.84	7.43	0	39.4
20080224:1156	43.62	0	57.42	1.6	27.69	9.45	7.43	0	13.0
20080224:1256	51.62	0	65.67	1.83	27.24	10.05	7.43	0	15.4
20080224:1356	94.04	0.48	106.88	2.98	24.23	10.24	6.7	0	28.0
20080224:1456	31.11	0	44.61	1.24	19.05	10.43	5.97	0	9.3
20080224:1556	38.5	0.82	51.65	1.44	12.19	10.62	5.24	0	11.5
20080224:1656	0	0	4.25	0.12	4.17	9.83	4.87	0	0.0
20080224:1756	0	0	0	0	0	9.03	4.51	0	0.0
20080224:1856	0	0	0	0	0	8.23	4.14	0	0.0
20080224:1956	0	0	0	0	0	7.36	4.2	0	0.0
20080224:2056	0	0	0	0	0	6.49	4.26	0	0.0
20080224:2156	0	0	0	0	0	5.61	4.32	0	0.0
20080224:2256	0	0	0	0	0	4.65	4.05	0	0.0
20080224:2356	0	0	0	0	0	3.7	3.78	0	0.0
20080225:0056	0	0	0	0	0	2.74	3.52	0	0.0
20080225:0156	0	0	0	0	0	2.16	3.31	0	0.0
20080225:0256	0	0	0	0	0	1.58	3.1	0	0.0
20080225:0356	0	0	0	0	0	1	2.9	0	0.0
20080225:0456	0	0	0	0	0	0.41	2.72	0	0.0
20080225:0556	0	0	0	0	0	-0.19	2.54	0	0.0
20080225:0656	0	0	0	0	0	-0.78	2.36	0	0.0
20080225:0756	198.95	127.29	76.58	2.14	7.38	0.15	3.07	0	59.2
20080225:0856	520.22	357.51	142.36	5.61	15.07	1.07	3.78	0	154.8
20080225:0956	687.97	471.57	190.71	8.27	21.42	2	4.5	0	204.7
20080225:1056	818.38	587.24	211.72	10.37	25.91	4.13	5.2	0	240.0
20080225:1156	773.78	509.81	247.88	10.68	28.07	6.27	5.91	0	230.2
20080225:1256	277.18	62.75	214.9	6.37	27.6	8.4	6.62	0	82.5
20080225:1356	241.76	58.85	185.61	5.56	24.58	8.53	7.28	0	71.9
20080225:1456	38.91	0	52.42	1.46	19.37	8.65	7.94	0	11.6
20080225:1556	25.69	0	38.51	1.07	12.49	8.78	8.61	0	7.6
20080225:1656	17.03	8.32	22.7	0.7	4.45	8.53	8.38	0	5.1
20080225:1756	0	0	0	0	0	8.27	8.16	0	0.0
20080225:1856	0	0	0	0	0	8.02	7.93	0	0.0
20080225:1956	0	0	0	0	0	8.27	8.34	0	0.0
20080225:2056	0	0	0	0	0	8.53	8.74	0	0.0
20080225:2156	0	0	0	0	0	8.78	9.14	0	0.0
20080225:2256	0	0	0	0	0	9.03	9.43	0	0.0
20080225:2356	0	0	0	0	0	9.28	9.71	0	0.0
20080226:0056	0	0	0	0	0	9.53	9.99	0	0.0
20080226:0156	0	0	0	0	0	9.4	10.1	0	0.0
20080226:0256	0	0	0	0	0	9.27	10.21	0	0.0
20080226:0356	0	0	0	0	0	9.14	10.32	0	0.0
20080226:0456	0	0	0	0	0	9.15	9.56	0	0.0
20080226:0556	0	0	0	0	0	9.16	8.81	0	0.0
20080226:0656	0	0	0	0	0	9.17	8.06	0	0.0
20080226:0756	225.35	155.98	79.3	2.34	7.71	8.81	8.04	0	67.0
20080226:0856	24.6	0	37.29	1.04	15.41	8.46	8.03	0	7.3
20080226:0956	710.27	516.3	176.09	8.52	21.78	8.1	8.01	0	211.3
20080226:1056	838.49	626.84	194.98	10.58	26.29	8.61	8.71	0	240.0
20080226:1156	883.11	666.98	200.41	11.54	28.44	9.12	9.41	0	240.0
20080226:1256	846.63	634.93	194.56	11.32	27.97	9.63	10.11	0	240.0
20080226:1356	728.55	534.51	177.08	9.92	24.93	10.08	10.28	0	216.7
20080226:1456	540.06	382.87	147.23	7.54	19.7	10.53	10.45	0	160.7
20080226:1556	295.07	203.87	101.5	4.44	12.8	10.98	10.62	0	87.8
20080226:1656	291.31	251.14	106.89	4.44	4.74	10.04	9.9	0	86.7
20080226:1756	0	0	0	0	0	9.1	9.18	0	0.0
20080226:1856	0	0	0	0	0	8.15	8.46	0	0.0
20080226:1956	0	0	0	0	0	7.6	8.31	0	0.0
20080226:2056	0	0	0	0	0	7.04	8.17	0	0.0
20080226:2156	0	0	0	0	0	6.48	8.03	0	0.0
20080226:2256	0	0	0	0	0	6.13	7.66	0	0.0
20080226:2356	0	0	0	0	0	5.77	7.29	0	0.0
20080227:0056	0	0	0	0	0	5.42	6.92	0	0.0
20080227:0156	0	0	0	0	0	5.08	6.53	0	0.0
20080227:0256	0	0	0	0	0	4.75	6.13	0	0.0
20080227:0356	0	0	0	0	0	4.41	5.74	0	0.0
20080227:0456	0	0	0	0	0	4.12	5.44	0	0.0
20080227:0556	0	0	0	0	0	3.82	5.14	0	0.0
20080227:0656	0	0	0	0	0	3.53	4.84	0	0.0
20080227:0756	243.48	165.45	83.12	2.51	8.04	4.19	5.14	0	72.4
20080227:0856	522.54	363.31	143.49	5.85	15.76	4.84	5.44	0	155.5
20080227:0956	725.74	528.04	178.47	8.76	22.14	5.5	5.74	0	215.9
20080227:1056	841.43	633.91	196	10.77	26.66	6.8	5.83	0	240.0
20080227:1156	824.46	589.47	227.62	11.29	28.82	8.11	5.93	0	240.0
20080227:1256	839.05	641.41	195.38	11.51	28.33	9.41	6.03	0	240.0
20080227:1356	629.16	410.83	210.74	9.31	25.28	9.59	5.75	0	187.2
20080227:1456	491.99	326.09	162.05	7.3	20.03	9.77	5.47	0	146.4
20080227:1556	179.68	85	107.23	3.57	13.1	9.95	5.19	0	53.5
20080227:1656	28.46	15.81	29.79	0.96	5.02	8.96	4.3	0	8.5
20080227:1756	0	0	0	0	0	7.97	3.41	0	0.0
20080227:1856	0	0	0	0	0	6.99	2.52	0	0.0
20080227:1956	0	0	0	0	0	6.08	2.45	0	0.0
20080227:2056	0	0	0	0	0	5.18	2.37	0	0.0
20080227:2156	0	0	0	0	0	4.28	2.29	0	0.0
20080227:2256	0	0	0	0	0	3.76	2.25	0	0.0
20080227:2356	0	0	0	0	0	3.25	2.22	0	0.0
20080228:0056	0	0	0	0	0	2.73	2.18	0	0.0
20080228:0156	0	0	0	0	0	2.17	2.21	0	0.0

20080228:0256	0	0	0	0	0	1.62	2.24	0	0.0
20080228:0356	0	0	0	0	0	1.06	2.28	0	0.0
20080228:0456	0	0	0	0	0	0.95	2.32	0	0.0
20080228:0556	0	0	0	0	0	0.83	2.36	0	0.0
20080228:0656	0	0	0	0	0	0.72	2.4	0	0.0
20080228:0756	167.52	98	77.26	2.24	8.38	1.64	2.23	0	49.8
20080228:0856	515.06	360.92	142.59	5.91	16.11	2.55	2.06	0	153.2
20080228:0956	604.93	391.84	203.75	8.1	22.51	3.47	1.89	0	180.0
20080228:1056	663.58	421.77	241.7	9.64	27.04	5.47	1.83	0	197.4
20080228:1156	743.74	516.02	242.57	10.91	29.2	7.48	1.78	0	221.3
20080228:1256	487.74	234.23	257.5	8.77	28.7	9.48	1.72	0	145.1
20080228:1356	264.15	70.29	199.85	6.06	25.63	9.61	1.9	0	78.6
20080228:1456	69.28	0.09	83.31	2.32	20.35	9.73	2.07	0	20.6
20080228:1556	57.93	3.49	68.79	1.94	13.4	9.86	2.25	0	17.2
20080228:1656	15.92	3.59	24.97	0.73	5.31	9.03	2.2	0	4.7
20080228:1756	0	0	0	0	0	8.2	2.15	0	0.0
20080228:1856	0	0	0	0	0	7.36	2.1	0	0.0
20080228:1956	0	0	0	0	0	6.76	2.1	0	0.0
20080228:2056	0	0	0	0	0	6.16	2.1	0	0.0
20080228:2156	0	0	0	0	0	5.55	2.1	0	0.0
20080228:2256	0	0	0	0	0	5.09	2.23	0	0.0
20080228:2356	0	0	0	0	0	4.63	2.35	0	0.0
20080229:0056	0	0	0	0	0	4.17	2.48	0	0.0
20080229:0156	0	0	0	0	0	3.6	2.46	0	0.0
20080229:0256	0	0	0	0	0	3.02	2.45	0	0.0
20080229:0356	0	0	0	0	0	2.45	2.43	0	0.0
20080229:0456	0	0	0	0	0	2.26	2.86	0	0.0
20080229:0556	0	0	0	0	0	2.07	3.29	0	0.0
20080229:0656	0	0	0	0	0	1.88	3.72	0	0.0
20080229:0756	7.45	0	16.89	0.47	8.38	2.81	4.52	0	2.2
20080229:0856	41.11	0	53.69	1.49	16.11	3.75	5.32	0	12.2
20080229:0956	72.04	0	84.13	2.34	22.51	4.68	6.12	0	21.4
20080229:1056	72.33	0	84.75	2.36	27.04	5.81	7.37	0	21.5
20080229:1156	139.44	2.41	145.97	4.08	29.2	6.95	8.63	0	41.5
20080229:1256	109.13	0.09	120.47	3.35	28.7	8.08	9.88	0	32.5
20080229:1356	28.97	0	41.89	1.16	25.63	7.93	10.54	0	8.6
20080229:1456	28.5	0	41.37	1.15	20.35	7.79	11.2	0	8.5
20080229:1556	47.03	1.04	59.4	1.66	13.4	7.64	11.86	0	14.0
20080229:1656	0.9	0	7.33	0.2	5.31	8.3	12.2	0	0.3
20080229:1756	0	0	0	0	0	8.96	12.54	0	0.0
20080229:1856	0	0	0	0	0	9.62	12.88	0	0.0
20080229:1956	0	0	0	0	0	9.78	12.79	0	0.0
20080229:2056	0	0	0	0	0	9.94	12.7	0	0.0
20080229:2156	0	0	0	0	0	10.09	12.61	0	0.0
20080229:2256	0	0	0	0	0	10.13	13.22	0	0.0
20080229:2356	0	0	0	0	0	10.17	13.84	0	0.0
20080301:0056	0	0	0	0	0	10.21	14.46	0	0.0
20080301:0156	0	0	0	0	0	9.08	14.34	0	0.0
20080301:0256	0	0	0	0	0	7.94	14.22	0	0.0
20080301:0356	0	0	0	0	0	6.81	14.1	0	0.0
20080301:0456	0	0	0	0	0	6.51	14.03	0	0.0
20080301:0556	0	0	0	0	0	6.21	13.96	0	0.0
20080301:0656	0	0	1.5	0.05	0.13	5.91	13.89	0	0.0
20080301:0756	144.18	95.8	59.22	1.92	8.72	6.48	13.24	0	42.9
20080301:0856	332.05	208.63	115.95	4.41	16.46	7.04	12.58	0	98.8
20080301:0956	452.46	280.98	154.64	6.32	22.88	7.61	11.93	0	134.6
20080301:1056	527.3	339.58	167.24	7.52	27.42	8.31	11.77	0	156.9
20080301:1156	447.6	243.71	189.97	7.32	29.58	9.02	11.6	0	133.2
20080301:1256	468.69	250.78	204.72	7.8	29.08	9.72	11.43	0	139.4
20080301:1356	361.59	192.49	162.55	6.26	25.98	9.72	10.91	0	107.6
20080301:1456	292.21	156.25	135.76	5.18	20.68	9.72	10.39	0	86.9
20080301:1556	164.28	87.28	89.33	3.24	13.71	9.72	9.86	0	48.9
20080301:1656	28.19	18.88	27.1	0.94	5.6	9.02	9.04	0	8.4
20080301:1756	0	0	0	0	0	8.32	8.23	0	0.0
20080301:1856	0	0	0	0	0	7.61	7.41	0	0.0
20080301:1956	0	0	0	0	0	7.81	8.07	0	0.0
20080301:2056	0	0	0	0	0	8.01	8.73	0	0.0
20080301:2156	0	0	0	0	0	8.2	9.39	0	0.0
20080301:2256	0	0	0	0	0	9.08	9.97	0	0.0
20080301:2356	0	0	0	0	0	9.97	10.54	0	0.0
20080302:0056	0	0	0	0	0	10.85	11.12	0	0.0
20080302:0156	0	0	0	0	0	10.85	11.54	0	0.0
20080302:0256	0	0	0	0	0	10.85	11.95	0	0.0
20080302:0356	0	0	0	0	0	10.86	12.37	0	0.0
20080302:0456	0	0	0	0	0	10	11.83	0	0.0
20080302:0556	0	0	0	0	0	9.14	11.29	0	0.0
20080302:0656	0	0	2.8	0.08	0.47	8.28	10.74	0	0.0
20080302:0756	287.35	197.97	94.4	3.06	9.06	8.1	10.24	0	85.5
20080302:0856	560.79	396.32	147.99	6.46	16.82	7.92	9.74	0	166.8
20080302:0956	762.14	560.59	179.28	9.39	23.25	7.74	9.24	0	226.7
20080302:1056	886.21	671.62	196.02	11.48	27.8	8.33	9.32	0	240.0
20080302:1156	337.91	89.74	244.03	7.36	29.96	8.92	9.4	0	100.5
20080302:1256	407.7	143.44	256.69	8.11	29.45	9.51	9.48	0	121.3
20080302:1356	427.23	183.08	236.26	7.9	26.33	9.63	8.8	0	127.1
20080302:1456	169.22	29.18	148.89	4.37	21.01	9.75	8.13	0	50.3
20080302:1556	72.68	6.26	80.44	2.29	14.01	9.87	7.46	0	21.6
20080302:1656	26.5	7.43	33.86	1	5.88	8.88	6.4	0	7.9
20080302:1756	0	0	0	0	0	7.89	5.34	0	0.0
20080302:1856	0	0	0	0	0	6.9	4.28	0	0.0
20080302:1956	0	0	0	0	0	6.25	4.33	0	0.0
20080302:2056	0	0	0	0	0	5.6	4.39	0	0.0
20080302:2156	0	0	0	0	0	4.95	4.44	0	0.0
20080302:2256	0	0	0	0	0	5.12	5.02	0	0.0
20080302:2356	0	0	0	0	0	5.29	5.59	0	0.0
20080303:0056	0	0	0	0	0	5.46	6.17	0	0.0
20080303:0156	0	0	0	0	0	5.09	6.69	0	0.0
20080303:0256	0	0	0	0	0	4.72	7.2	0	0.0
20080303:0356	0	0	0	0	0	4.36	7.72	0	0.0
20080303:0456	0	0	0	0	0	3.67	7.55	0	0.0
20080303:0556	0	0	0	0	0	2.98	7.37	0	0.0
20080303:0656	0	0	4.29	0.13	0.8	2.29	7.2	0	0.0
20080303:0756	312.32	211.01	98.96	3.28	9.41	2.78	7.26	0	92.9
20080303:0856	589.56	411.89	151.88	6.75	17.18	3.28	7.32	0	175.4
20080303:0956	791.79	578.15	182.74	9.72	23.62	3.77	7.38	0	235.6
20080303:1056	915.37	688.35	198.82	11.81	28.18	4.47	7.83	0	240.0
20080303:1156	955.93	727.1	203.02	12.78	30.35	5.18	8.27	0	240.0
20080303:1256	915.01	691.67	196.98	12.53	29.82	5.88	8.72	0	240.0

20080303:1356	760.07	542.1	192.16	10.76	26.68	6.08	8.2	0	226.1
20080303:1456	115.99	5.23	120.97	3.41	21.33	6.28	7.69	0	34.5
20080303:1556	297.04	182.11	119.19	4.92	14.32	6.48	7.17	0	88.4
20080303:1656	82.78	62.26	48.04	1.83	6.17	5.55	5.52	0	24.6
20080303:1756	0	0	0	0	0	4.62	3.86	0	0.0
20080303:1856	0	0	0	0	0	3.68	2.21	0	0.0
20080303:1956	0	0	0	0	0	2.62	2.21	0	0.0
20080303:2056	0	0	0	0	0	1.55	2.21	0	0.0
20080303:2156	0	0	0	0	0	0.48	2.21	0	0.0
20080303:2256	0	0	0	0	0	0.21	2.5	0	0.0
20080303:2356	0	0	0	0	0	-0.05	2.79	0	0.0
20080304:0056	0	0	0	0	0	-0.32	3.08	0	0.0
20080304:0156	0	0	0	0	0	-0.26	3.57	0	0.0
20080304:0256	0	0	0	0	0	-0.2	4.07	0	0.0
20080304:0356	0	0	0	0	0	-0.13	4.57	0	0.0
20080304:0456	0	0	0	0	0	-0.25	4.86	0	0.0
20080304:0556	0	0	0	0	0	-0.37	5.16	0	0.0
20080304:0656	0	0	0.65	0.02	1.14	-0.48	5.46	0	0.0
20080304:0756	139.19	61.13	85.23	2.46	9.76	0.58	6.19	0	41.4
20080304:0856	553.44	359.02	166.81	6.66	17.54	1.64	6.92	0	164.6
20080304:0956	777.22	542.77	199.03	9.74	24	2.7	7.66	0	231.2
20080304:1056	914.19	685.79	197.64	11.88	28.57	3.98	7.87	0	240.0
20080304:1156	445.23	157.28	271.42	8.58	30.73	5.26	8.08	0	132.5
20080304:1256	566.92	295.05	250.93	9.37	30.2	6.54	8.29	0	168.7
20080304:1356	675.88	428.75	223.79	10.16	27.04	6.63	8.35	0	201.1
20080304:1456	361.38	162.42	191.2	6.63	21.66	6.72	8.41	0	107.5
20080304:1556	274.14	155.73	123.1	4.8	14.62	6.81	8.47	0	81.6
20080304:1656	1.53	0	8.42	0.23	6.45	5.77	7.78	0	0.5
20080304:1756	0	0	0	0	0	4.72	7.09	0	0.0
20080304:1856	0	0	0	0	0	3.67	6.4	0	0.0
20080304:1956	0	0	0	0	0	2.86	5.93	0	0.0
20080304:2056	0	0	0	0	0	2.04	5.46	0	0.0
20080304:2156	0	0	0	0	0	1.22	4.99	0	0.0
20080304:2256	0	0	0	0	0	0.58	4.63	0	0.0
20080304:2356	0	0	0	0	0	-0.06	4.28	0	0.0
20080305:0056	0	0	0	0	0	-0.7	3.92	0	0.0
20080305:0156	0	0	0	0	0	-1.25	3.59	0	0.0
20080305:0256	0	0	0	0	0	-1.8	3.26	0	0.0
20080305:0356	0	0	0	0	0	-2.35	2.94	0	0.0
20080305:0456	0	0	0	0	0	-2.6	2.82	0	0.0
20080305:0556	0	0	0	0	0	-2.85	2.7	0	0.0
20080305:0656	2.12	0	9.17	0.25	1.48	-3.1	2.58	0	0.6
20080305:0756	325.22	217.59	101.27	3.52	10.11	-1.54	3.13	0	96.8
20080305:0856	593.65	416.02	152.12	6.99	17.9	0.01	3.67	0	176.6
20080305:0956	534.31	279.06	232.07	8.11	24.37	1.57	4.22	0	159.0
20080305:1056	887.29	675.56	194.92	11.83	28.96	3.42	4.74	0	240.0
20080305:1156	340.4	85.74	247.57	7.48	31.12	5.26	5.27	0	101.3
20080305:1256	765.37	504.62	247.44	11.51	30.57	7.11	5.79	0	227.7
20080305:1356	486.66	231.96	243	8.63	27.39	7.57	6.11	0	144.8
20080305:1456	550.86	376.9	162.71	8.37	21.99	8.02	6.43	0	163.9
20080305:1556	112.35	22.59	102.23	3.05	14.92	8.48	6.74	0	33.4
20080305:1656	17.22	0.79	28.43	0.8	6.74	7.97	6.31	0	5.1
20080305:1756	0	0	0	0	0	7.45	5.87	0	0.0
20080305:1856	0	0	0	0	0	6.93	5.43	0	0.0
20080305:1956	0	0	0	0	0	6.53	5.66	0	0.0
20080305:2056	0	0	0	0	0	6.12	5.89	0	0.0
20080305:2156	0	0	0	0	0	5.71	6.11	0	0.0
20080305:2256	0	0	0	0	0	5.67	6.28	0	0.0
20080305:2356	0	0	0	0	0	5.63	6.45	0	0.0
20080306:0056	0	0	0	0	0	5.59	6.62	0	0.0
20080306:0156	0	0	0	0	0	5.73	6.57	0	0.0
20080306:0256	0	0	0	0	0	5.88	6.53	0	0.0
20080306:0356	0	0	0	0	0	6.03	6.48	0	0.0
20080306:0456	0	0	0	0	0	6.05	6.34	0	0.0
20080306:0556	0	0	0	0	0	6.07	6.2	0	0.0
20080306:0656	2.95	0	10.75	0.3	1.83	6.09	6.06	0	0.9
20080306:0756	0	0	4.96	0.14	10.46	6.77	6.32	0	0.0
20080306:0856	217.15	74.77	146.17	4.42	18.27	7.46	6.58	0	64.6
20080306:0956	453.89	221.24	222.29	7.53	24.75	8.14	6.84	0	135.0
20080306:1056	871.1	670.72	192.99	11.85	29.35	9.06	7.07	0	240.0
20080306:1156	906.91	707.51	197.01	12.78	31.51	9.98	7.3	0	240.0
20080306:1256	667.76	394.08	265.5	10.78	30.95	10.9	7.53	0	198.7
20080306:1356	573.54	326.5	240.13	9.56	27.75	11.06	7.12	0	170.6
20080306:1456	89.43	0.6	102.73	2.86	22.31	11.23	6.71	0	26.6
20080306:1556	51.13	0.34	65.23	1.82	15.23	11.39	6.3	0	15.2
20080306:1656	23.68	2.53	34.69	0.99	7.03	10.7	5.79	0	7.0
20080306:1756	0	0	0	0	0	10.01	5.28	0	0.0
20080306:1856	0	0	0	0	0	9.32	4.77	0	0.0
20080306:1956	0	0	0	0	0	8.67	4.96	0	0.0
20080306:2056	0	0	0	0	0	8.01	5.15	0	0.0
20080306:2156	0	0	0	0	0	7.35	5.34	0	0.0
20080306:2256	0	0	0	0	0	6.84	5.55	0	0.0
20080306:2356	0	0	0	0	0	6.33	5.77	0	0.0
20080307:0056	0	0	0	0	0	5.82	5.99	0	0.0
20080307:0156	0	0	0	0	0	5.9	6.37	0	0.0
20080307:0256	0	0	0	0	0	5.98	6.75	0	0.0
20080307:0356	0	0	0	0	0	6.06	7.13	0	0.0
20080307:0456	0	0	0	0	0	6.4	7.57	0	0.0
20080307:0556	0	0	0	0	0	6.75	8	0	0.0
20080307:0656	2.87	0	10.66	0.3	2.17	7.1	8.44	0	0.9
20080307:0756	18.19	0	30	0.83	10.81	6.89	8.2	0	5.4
20080307:0856	586.6	416.64	151.4	7.18	18.64	6.69	7.96	0	174.5
20080307:0956	781.27	578.07	180.37	10.11	25.14	6.48	7.72	0	232.4
20080307:1056	917.7	703.76	199.29	12.44	29.74	7.17	7.45	0	240.0
20080307:1156	952	740.93	203.07	13.39	31.9	7.86	7.17	0	240.0
20080307:1256	907.79	704.19	196.99	13.12	31.33	8.55	6.9	0	240.0
20080307:1356	775.68	584.75	178.1	11.43	28.1	9.02	7.32	0	230.8
20080307:1456	421.64	220.4	195.32	7.44	22.64	9.48	7.75	0	125.4
20080307:1556	346.58	243.02	110.85	5.74	15.53	9.95	8.18	0	103.1
20080307:1656	94.43	70.33	53.94	2.25	7.31	9.06	7.2	0	28.1
20080307:1756	0	0	0	0	0	8.17	6.23	0	0.0
20080307:1856	0	0	0	0	0	7.28	5.26	0	0.0
20080307:1956	0	0	0	0	0	6.56	5.32	0	0.0
20080307:2056	0	0	0	0	0	5.84	5.38	0	0.0
20080307:2156	0	0	0	0	0	5.12	5.45	0	0.0
20080307:2256	0	0	0	0	0	4.76	5.31	0	0.0
20080307:2356	0	0	0	0	0	4.4	5.18	0	0.0

20080308:0056	0	0	0	0	0	4.04	5.05	0	0.0
20080308:0156	0	0	0	0	0	3.93	5.17	0	0.0
20080308:0256	0	0	0	0	0	3.82	5.3	0	0.0
20080308:0356	0	0	0	0	0	3.72	5.42	0	0.0
20080308:0456	0	0	0	0	0	4.14	5.64	0	0.0
20080308:0556	0	0	0	0	0	4.56	5.85	0	0.0
20080308:0656	0	0	5	0.14	2.52	4.99	6.07	0	0.0
20080308:0756	16.85	0	28.38	0.79	11.17	5.91	6.71	0	5.0
20080308:0856	83.69	2.23	93.74	2.62	19.01	6.83	7.35	0	24.9
20080308:0956	92.92	0	105.15	2.92	25.52	7.75	7.99	0	27.6
20080308:1056	78.86	0	91.9	2.56	30.13	8.43	8.99	0	23.5
20080308:1156	97.41	0	109.93	3.06	32.3	9.12	10	0	29.0
20080308:1256	63.84	0	77.69	2.16	31.71	9.8	11.01	0	19.0
20080308:1356	77.81	0	91.37	2.54	28.45	9.88	10.8	0	23.1
20080308:1456	77.73	0	91.33	2.54	22.97	9.97	10.58	0	23.1
20080308:1556	14.46	0	26.01	0.72	15.83	10.05	10.37	0	4.3
20080308:1656	26.47	2.67	37.46	1.07	7.6	9.64	10.03	0	7.9
20080308:1756	0	0	0	0	0	9.23	9.68	0	0.0
20080308:1856	0	0	0	0	0	8.82	9.34	0	0.0
20080308:1956	0	0	0	0	0	8.51	9.04	0	0.0
20080308:2056	0	0	0	0	0	8.19	8.75	0	0.0
20080308:2156	0	0	0	0	0	7.87	8.46	0	0.0
20080308:2256	0	0	0	0	0	7.46	7.79	0	0.0
20080308:2356	0	0	0	0	0	7.05	7.13	0	0.0
20080309:0056	0	0	0	0	0	6.65	6.47	0	0.0
20080309:0156	0	0	0	0	0	6.36	6.03	0	0.0
20080309:0256	0	0	0	0	0	6.08	5.59	0	0.0
20080309:0356	0	0	0	0	0	5.8	5.14	0	0.0
20080309:0456	0	0	0	0	0	5.45	4.83	0	0.0
20080309:0556	0	0	0	0	0	5.1	4.51	0	0.0
20080309:0656	44.74	43.18	21.65	0.7	2.87	4.75	4.19	0	13.3
20080309:0756	273.38	167.56	108.79	3.67	11.53	5.28	4.58	0	81.3
20080309:0856	553.35	375.01	164.28	7.22	19.38	5.82	4.97	0	164.6
20080309:0956	648.35	406.51	225.87	9.38	25.9	6.35	5.35	0	192.9
20080309:1056	498.93	213.37	273.41	9.09	30.52	6.96	5.39	0	148.4
20080309:1156	583.94	278.37	293.27	10.31	32.69	7.57	5.43	0	173.7
20080309:1256	95.96	0	108.39	3.01	32.09	8.18	5.48	0	28.5
20080309:1356	762.46	564.95	189.13	11.58	28.81	8.28	5.48	0	226.8
20080309:1456	485.46	286.07	191.92	8.22	23.3	8.38	5.48	0	144.4
20080309:1556	316.72	198.72	124.71	5.63	16.13	8.48	5.48	0	94.2
20080309:1656	100.63	73.82	56.43	2.46	7.88	7.47	5.02	0	29.9
20080309:1756	0	0	0	0	0	6.45	4.57	0	0.0
20080309:1856	0	0	0	0	0	5.43	4.11	0	0.0
20080309:1956	0	0	0	0	0	4.66	4.44	0	0.0
20080309:2056	0	0	0	0	0	3.89	4.77	0	0.0
20080309:2156	0	0	0	0	0	3.12	5.1	0	0.0
20080309:2256	0	0	0	0	0	2.94	5.58	0	0.0
20080309:2356	0	0	0	0	0	2.75	6.06	0	0.0
20080310:0056	0	0	0	0	0	2.57	6.54	0	0.0
20080310:0156	0	0	0	0	0	3.09	7.67	0	0.0
20080310:0256	0	0	0	0	0	3.61	8.81	0	0.0
20080310:0356	0	0	0	0	0	4.13	9.94	0	0.0
20080310:0456	0	0	0	0	0	4.29	11.14	0	0.0
20080310:0556	0	0	0	0	0	4.45	12.34	0	0.0
20080310:0656	1.1	0	7.63	0.21	3.22	4.61	13.53	0	0.3
20080310:0756	21.79	0	33.78	0.94	11.89	5.19	13.55	0	6.5
20080310:0856	70.47	0.1	82.7	2.3	19.75	5.77	13.58	0	21.0
20080310:0956	240.63	47.56	192.32	5.67	26.29	6.35	13.6	0	71.6
20080310:1056	242.53	30.73	211.71	6.12	30.92	6.76	12.32	0	72.2
20080310:1156	854.7	568.46	257.29	12.64	33.08	7.16	11.04	0	240.0
20080310:1256	81.54	0	94.14	2.62	32.47	7.57	9.77	0	24.3
20080310:1356	128.9	0.84	138.03	3.85	29.16	7.63	10.08	0	38.3
20080310:1456	230.03	53.95	178.39	5.47	23.62	7.7	10.4	0	68.4
20080310:1556	173.8	56.25	126.28	4.09	16.44	7.76	10.72	0	51.7
20080310:1656	96.7	65.87	58.28	2.45	8.16	7.25	9.36	0	28.8
20080310:1756	0	0	0	0	0	6.74	8	0	0.0
20080310:1856	0	0	0	0	0	6.22	6.65	0	0.0
20080310:1956	0	0	0	0	0	5.73	7.46	0	0.0
20080310:2056	0	0	0	0	0	5.24	8.28	0	0.0
20080310:2156	0	0	0	0	0	4.75	9.09	0	0.0
20080310:2256	0	0	0	0	0	4.77	8.99	0	0.0
20080310:2356	0	0	0	0	0	4.78	8.89	0	0.0
20080311:0056	0	0	0	0	0	4.8	8.79	0	0.0
20080311:0156	0	0	0	0	0	4.84	8.98	0	0.0
20080311:0256	0	0	0	0	0	4.88	9.18	0	0.0
20080311:0356	0	0	0	0	0	4.92	9.38	0	0.0
20080311:0456	0	0	0	0	0	4.78	9.77	0	0.0
20080311:0556	0	0	0	0	0	4.64	10.16	0	0.0
20080311:0656	61.11	54.1	28.08	0.93	3.58	4.5	10.55	0	18.2
20080311:0756	359.16	243.88	109.7	4.36	12.25	4.84	10.4	0	106.9
20080311:0856	585.66	392.97	166.59	7.61	20.12	5.17	10.26	0	174.2
20080311:0956	128.57	2.07	135.26	3.78	26.68	5.51	10.11	0	38.2
20080311:1056	593.26	292.51	277.47	9.97	31.32	6.86	10.18	0	176.5
20080311:1156	268.55	37.65	230.74	6.73	33.48	8.21	10.25	0	79.9
20080311:1256	162.62	2.88	168.71	4.72	32.85	9.56	10.32	0	48.4
20080311:1356	237.81	35.75	206.11	6.06	29.52	10.09	10.34	0	70.7
20080311:1456	515.24	321.43	183.94	8.62	23.95	10.63	10.37	0	153.3
20080311:1556	70.46	1.86	82.84	2.33	16.74	11.16	10.4	0	21.0
20080311:1656	97.38	65.88	60.24	2.54	8.45	10.53	10.7	0	29.0
20080311:1756	0	0	0	0	0	9.89	11.01	0	0.0
20080311:1856	0	0	0	0	0	9.25	11.31	0	0.0
20080311:1956	0	0	0	0	0	8.43	11.53	0	0.0
20080311:2056	0	0	0	0	0	7.61	11.75	0	0.0
20080311:2156	0	0	0	0	0	6.79	11.97	0	0.0
20080311:2256	0	0	0	0	0	6.3	11.63	0	0.0
20080311:2356	0	0	0	0	0	5.8	11.28	0	0.0
20080312:0056	0	0	0	0	0	5.31	10.94	0	0.0
20080312:0156	0	0	0	0	0	5.09	11.1	0	0.0
20080312:0256	0	0	0	0	0	4.88	11.27	0	0.0
20080312:0356	0	0	0	0	0	4.67	11.43	0	0.0
20080312:0456	0	0	0	0	0	4.83	12.51	0	0.0
20080312:0556	0	0	0	0	0	4.99	13.6	0	0.0
20080312:0656	68.8	59.01	31.31	1.05	3.93	5.15	14.68	0	20.5
20080312:0756	137.24	47.96	98.27	2.93	12.62	5.71	14.64	0	40.8
20080312:0856	291.31	109.72	176.19	5.53	20.5	6.27	14.61	0	86.7
20080312:0956	364.71	123.22	230.15	7.22	27.07	6.83	14.58	0	108.5
20080312:1056	348.74	87.31	252.46	7.67	31.72	7.39	14.69	0	103.8

20080312:1156	189.81	6.05	189.11	5.32	33.88	7.96	14.8	0	56.5
20080312:1256	852.11	578.63	241.48	12.89	33.23	8.52	14.91	0	240.0
20080312:1356	804.74	586.14	188.09	12.14	29.87	8.59	14.14	0	239.4
20080312:1456	445.02	225.49	206.87	8.04	24.28	8.66	13.37	0	132.4
20080312:1556	372.22	258.95	115	6.44	17.04	8.73	12.61	0	110.7
20080312:1656	73.5	31.16	62.75	2.16	8.73	8.14	11.67	0	21.9
20080312:1756	0	0	0	0	0	7.55	10.74	0	0.0
20080312:1856	0	0	0	0	0	6.95	9.81	0	0.0
20080312:1956	0	0	0	0	0	6.57	9.69	0	0.0
20080312:2056	0	0	0	0	0	6.18	9.57	0	0.0
20080312:2156	0	0	0	0	0	5.79	9.45	0	0.0
20080312:2256	0	0	0	0	0	5.59	9.11	0	0.0
20080312:2356	0	0	0	0	0	5.39	8.77	0	0.0
20080313:0056	0	0	0	0	0	5.2	8.43	0	0.0
20080313:0156	0	0	0	0	0	4.88	7.93	0	0.0
20080313:0256	0	0	0	0	0	4.56	7.43	0	0.0
20080313:0356	0	0	0	0	0	4.25	6.94	0	0.0
20080313:0456	0	0	0	0	0	4.11	6.83	0	0.0
20080313:0556	0	0	0	0	0	3.97	6.73	0	0.0
20080313:0656	78.37	65.27	34.7	1.18	4.29	3.83	6.62	0	23.3
20080313:0756	238.03	122.83	117.74	3.83	12.98	4.8	6.74	0	70.8
20080313:0856	536.89	335.87	183.16	7.56	20.88	5.77	6.86	0	159.7
20080313:0956	404.39	153.5	240.43	7.73	27.46	6.74	6.98	0	120.3
20080313:1056	203.28	13.18	195.29	5.55	32.11	7.86	7.28	0	60.5
20080313:1156	233.81	19.71	218.17	6.24	34.27	8.99	7.58	0	69.6
20080313:1256	329.57	71.81	256.79	7.77	33.61	10.11	7.88	0	98.0
20080313:1356	103.03	0	115.81	3.22	30.23	9.94	7.51	0	30.7
20080313:1456	56.28	0	70.27	1.95	24.6	9.78	7.15	0	16.7
20080313:1556	2.14	0	9.56	0.27	17.34	9.61	6.79	0	0.6
20080313:1656	12.12	0	23.12	0.64	9.01	8.83	6.32	0	3.6
20080313:1756	0	0	0	0	0	8.05	5.86	0	0.0
20080313:1856	0	0	0	0	0	7.26	5.39	0	0.0
20080313:1956	0	0	0	0	0	7.24	5.15	0	0.0
20080313:2056	0	0	0	0	0	7.22	4.91	0	0.0
20080313:2156	0	0	0	0	0	7.19	4.68	0	0.0
20080313:2256	0	0	0	0	0	7.33	5.01	0	0.0
20080313:2356	0	0	0	0	0	7.47	5.34	0	0.0
20080314:0056	0	0	0	0	0	7.61	5.67	0	0.0
20080314:0156	0	0	0	0	0	6.82	5.27	0	0.0
20080314:0256	0	0	0	0	0	6.03	4.88	0	0.0
20080314:0356	0	0	0	0	0	5.24	4.48	0	0.0
20080314:0456	0	0	0	0	0	4.69	4.2	0	0.0
20080314:0556	0	0	0	0	0	4.14	3.92	0	0.0
20080314:0656	22.29	8.89	26.63	0.78	4.65	3.59	3.64	0	6.6
20080314:0756	287.2	164.01	124	4.28	13.35	4.48	3.88	0	85.4
20080314:0856	379.61	177.58	194.3	6.51	21.26	5.37	4.12	0	112.9
20080314:0956	794.27	588.87	197.49	11.25	27.85	6.26	4.36	0	236.3
20080314:1056	853.53	618.2	237.1	12.85	32.51	7.31	4.25	0	240.0
20080314:1156	567.32	253.61	307.47	10.66	34.67	8.37	4.14	0	168.8
20080314:1256	665.7	372	293.15	11.69	33.99	9.42	4.03	0	198.0
20080314:1356	730.55	525.98	209.89	11.95	30.58	9.88	3.74	0	217.3
20080314:1456	502.82	308.01	196.12	8.93	24.92	10.33	3.45	0	149.6
20080314:1556	209.89	80.53	141.11	4.84	17.64	10.79	3.16	0	62.4
20080314:1656	65.8	21.65	63.36	2.08	9.29	9.88	2.68	0	19.6
20080314:1756	0	0	0	0	0	8.97	2.2	0	0.0
20080314:1856	0	0	0	0	0	8.05	1.72	0	0.0
20080314:1956	0	0	0	0	0	7.62	1.87	0	0.0
20080314:2056	0	0	0	0	0	7.19	2.02	0	0.0
20080314:2156	0	0	0	0	0	6.76	2.17	0	0.0
20080314:2256	0	0	0	0	0	6.71	2.27	0	0.0
20080314:2356	0	0	0	0	0	6.65	2.38	0	0.0
20080315:0056	0	0	0	0	0	6.6	2.48	0	0.0
20080315:0156	0	0	0	0	0	6.83	2.74	0	0.0
20080315:0256	0	0	0	0	0	7.06	3.01	0	0.0
20080315:0356	0	0	0	0	0	7.3	3.27	0	0.0
20080315:0456	0	0	0	0	0	7.39	3.23	0	0.0
20080315:0556	0	0	0	0	0	7.49	3.19	0	0.0
20080315:0656	0.29	0	6.1	0.17	5.01	7.59	3.14	0	0.1
20080315:0756	31.21	0	44.35	1.23	13.71	7.99	3.23	0	9.3
20080315:0856	70.9	0	84.44	2.35	21.63	8.4	3.31	0	21.1
20080315:0956	65.72	0	79.48	2.21	28.24	8.8	3.39	0	19.6
20080315:1056	70.89	0	84.84	2.36	32.92	9.58	3.3	0	21.1
20080315:1156	167.1	2.36	175.42	4.9	35.07	10.36	3.21	0	49.7
20080315:1256	61.17	0	75.71	2.11	34.37	11.14	3.12	0	18.2
20080315:1356	112.98	0	126.64	3.52	30.94	11.48	3.03	0	33.6
20080315:1456	58.43	0	73.17	2.03	25.25	11.81	2.94	0	17.4
20080315:1556	34.89	0	49	1.36	17.93	12.15	2.86	0	10.4
20080315:1656	13.61	0	25.14	0.7	9.57	11.31	3.26	0	4.0
20080315:1756	0	0	0.32	0.01	0.65	10.47	3.67	0	0.0
20080315:1856	0	0	0	0	0	9.63	4.08	0	0.0
20080315:1956	0	0	0	0	0	9.3	4.66	0	0.0
20080315:2056	0	0	0	0	0	8.97	5.23	0	0.0
20080315:2156	0	0	0	0	0	8.63	5.81	0	0.0
20080315:2256	0	0	0	0	0	8.47	6.34	0	0.0
20080315:2356	0	0	0	0	0	8.31	6.87	0	0.0
20080316:0056	0	0	0	0	0	8.15	7.41	0	0.0
20080316:0156	0	0	0	0	0	7.91	7.77	0	0.0
20080316:0256	0	0	0	0	0	7.67	8.14	0	0.0
20080316:0356	0	0	0	0	0	7.43	8.51	0	0.0
20080316:0456	0	0	0	0	0	7.12	8.91	0	0.0
20080316:0556	0	0	0	0	0	6.81	9.3	0	0.0
20080316:0656	21.07	6.19	27.87	0.81	5.37	6.51	9.7	0	6.3
20080316:0756	34.59	0	47.51	1.32	14.08	6.38	9.83	0	10.3
20080316:0856	4.66	0	13.29	0.37	22.01	6.24	9.97	0	1.4
20080316:0956	64.98	0	77.69	2.16	28.63	6.11	10.11	0	19.3
20080316:1056	133.02	0.09	141.79	3.94	33.32	6.15	9.92	0	39.6
20080316:1156	167.49	1.5	172.26	4.81	35.47	6.18	9.73	0	49.8
20080316:1256	67.48	0	80.14	2.23	34.75	6.22	9.54	0	20.1
20080316:1356	73.07	0	85.58	2.38	31.29	6.38	9.58	0	21.7
20080316:1456	87.38	0	99.31	2.76	25.57	6.55	9.61	0	26.0
20080316:1556	95.66	5.1	102.26	2.91	18.23	6.71	9.64	0	28.5
20080316:1656	47.34	5.05	56.53	1.66	9.85	6.22	9.18	0	14.1
20080316:1756	0	0	3.4	0.1	0.92	5.73	8.72	0	0.0
20080316:1856	0	0	0	0	0	5.23	8.26	0	0.0
20080316:1956	0	0	0	0	0	4.92	7.89	0	0.0
20080316:2056	0	0	0	0	0	4.61	7.53	0	0.0
20080316:2156	0	0	0	0	0	4.29	7.16	0	0.0

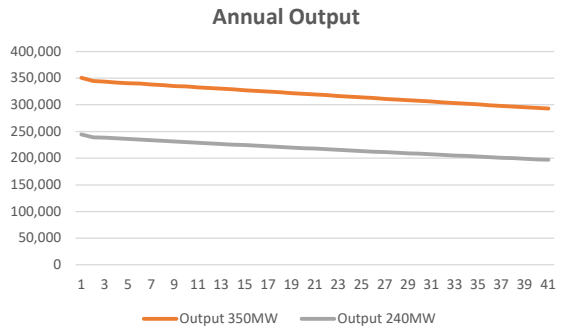
20080316:2256	0	0	0	0	0	4.23	6.78	0	0.0
20080316:2356	0	0	0	0	0	4.18	6.4	0	0.0
20080317:0056	0	0	0	0	0	4.12	6.01	0	0.0
20080317:0156	0	0	0	0	0	4.23	5.92	0	0.0
20080317:0256	0	0	0	0	0	4.34	5.83	0	0.0
20080317:0356	0	0	0	0	0	4.46	5.74	0	0.0
20080317:0456	0	0	0	0	0	4.2	5.7	0	0.0
20080317:0556	0	0	0	0	0	3.94	5.66	0	0.0
20080317:0656	132.87	108.92	47.26	1.84	5.73	3.68	5.63	0	39.5
20080317:0756	130.4	32.82	106.19	3.14	14.45	3.75	5.59	0	38.8
20080317:0856	410.38	192.54	203.81	7	22.39	3.82	5.55	0	122.1
20080317:0956	383.07	123.47	247.14	7.79	29.03	3.89	5.52	0	114.0
20080317:1056	742.33	430.41	289.44	12	33.72	4.37	5.61	0	220.8
20080317:1156	277.56	30.85	243.76	7.06	35.87	4.86	5.7	0	82.6
20080317:1256	183.73	3.15	185.59	5.2	35.14	5.34	5.79	0	54.7
20080317:1356	92.35	0	103.92	2.89	31.64	5.82	5.79	0	27.5
20080317:1456	146.78	6.11	149.02	4.22	25.89	6.3	5.79	0	43.7
20080317:1556	78.06	0.99	89.69	2.51	18.53	6.78	5.79	0	23.2
20080317:1656	35.86	1.02	48	1.35	10.13	5.91	5.3	0	10.7
20080317:1756	0	0	0.57	0.02	1.19	5.04	4.81	0	0.0
20080317:1856	0	0	0	0	0	4.17	4.32	0	0.0
20080317:1956	0	0	0	0	0	3.23	4.12	0	0.0
20080317:2056	0	0	0	0	0	2.28	3.92	0	0.0
20080317:2156	0	0	0	0	0	1.33	3.72	0	0.0
20080317:2256	0	0	0	0	0	1.01	3.69	0	0.0
20080317:2356	0	0	0	0	0	0.69	3.66	0	0.0
20080318:0056	0	0	0	0	0	0.37	3.63	0	0.0
20080318:0156	0	0	0	0	0	0.35	3.84	0	0.0
20080318:0256	0	0	0	0	0	0.33	4.05	0	0.0
20080318:0356	0	0	0	0	0	0.31	4.26	0	0.0
20080318:0456	0	0	0	0	0	0.21	4.36	0	0.0
20080318:0556	0	0	0	0	0	0.11	4.46	0	0.0
20080318:0656	24.2	4.2	32.13	0.91	6.09	0.02	4.57	0	7.2
20080318:0756	82.68	6.7	86.41	2.45	14.82	1.16	5.25	0	24.6
20080318:0856	126.19	5.08	128.61	3.62	22.78	2.31	5.93	0	37.5
20080318:0956	305.27	66.53	230.98	6.94	29.42	3.45	6.61	0	90.8
20080318:1056	391.55	100.98	277.31	8.54	34.12	4.16	6.48	0	116.5
20080318:1156	483.78	158.05	308.41	9.94	36.27	4.87	6.36	0	143.9
20080318:1256	211.99	8.16	206.7	5.83	35.52	5.58	6.23	0	63.1
20080318:1356	152.34	1.24	158.79	4.43	31.99	5.89	6.07	0	45.3
20080318:1456	69.27	0	81.99	2.28	26.22	6.19	5.91	0	20.6
20080318:1556	46.42	0	59.61	1.66	18.82	6.5	5.75	0	13.8
20080318:1656	45.35	2.92	56.19	1.61	10.41	6.02	5.29	0	13.5
20080318:1756	0	0	0.69	0.02	1.46	5.54	4.82	0	0.0
20080318:1856	0	0	0	0	0	5.06	4.36	0	0.0
20080318:1956	0	0	0	0	0	4.35	4.22	0	0.0
20080318:2056	0	0	0	0	0	3.64	4.07	0	0.0
20080318:2156	0	0	0	0	0	2.92	3.93	0	0.0
20080318:2256	0	0	0	0	0	2.48	4.17	0	0.0
20080318:2356	0	0	0	0	0	2.05	4.42	0	0.0
20080319:0056	0	0	0	0	0	1.61	4.66	0	0.0
20080319:0156	0	0	0	0	0	1.63	5.16	0	0.0
20080319:0256	0	0	0	0	0	1.65	5.66	0	0.0
20080319:0356	0	0	0	0	0	1.68	6.17	0	0.0
20080319:0456	0	0	0	0	0	1.49	6.25	0	0.0
20080319:0556	0	0	0	0	0	1.31	6.34	0	0.0
20080319:0656	572.24	378.66	221.35	5.73	6.45	1.13	6.43	0	170.2
20080319:0756	428.66	291.9	122.89	5.73	15.19	2.21	7.2	0	127.5
20080319:0856	651.84	443.73	177.04	9.08	23.16	3.29	7.97	0	193.9
20080319:0956	869.67	647.55	187.86	12.32	29.81	4.37	8.74	0	240.0
20080319:1056	882.95	599.2	255.4	13.45	34.52	5.26	8.4	0	240.0
20080319:1156	349.22	64.98	276.25	8.27	36.66	6.15	8.06	0	103.9
20080319:1256	179.57	2.14	183.72	5.13	35.9	7.04	7.71	0	53.4
20080319:1356	276.02	42.48	232.48	6.91	32.35	7.11	7.32	0	82.1
20080319:1456	97.13	0	108.96	3.03	26.54	7.19	6.94	0	28.9
20080319:1556	78.01	0.76	90.01	2.51	19.12	7.26	6.55	0	23.2
20080319:1656	45.93	2.68	57.08	1.64	10.69	6.59	5.54	0	13.7
20080319:1756	1.59	0	8.51	0.26	1.73	5.91	4.53	0	0.5
20080319:1856	0	0	0	0	0	5.23	3.52	0	0.0
20080319:1956	0	0	0	0	0	4.61	3.51	0	0.0
20080319:2056	0	0	0	0	0	3.99	3.5	0	0.0
20080319:2156	0	0	0	0	0	3.36	3.49	0	0.0
20080319:2256	0	0	0	0	0	3.16	3.6	0	0.0
20080319:2356	0	0	0	0	0	2.96	3.7	0	0.0
20080320:0056	0	0	0	0	0	2.76	3.81	0	0.0
20080320:0156	0	0	0	0	0	2.65	3.96	0	0.0
20080320:0256	0	0	0	0	0	2.54	4.12	0	0.0
20080320:0356	0	0	0	0	0	2.44	4.28	0	0.0
20080320:0456	0	0	0	0	0	2.74	4.59	0	0.0
20080320:0556	0	0	0	0	0	3.05	4.91	0	0.0
20080320:0656	7.53	0	17.02	0.47	6.81	3.36	5.23	0	2.2
20080320:0756	42.85	0	55.49	1.54	15.56	4.05	5.94	0	12.7
20080320:0856	117.53	3.43	123.5	3.47	23.54	4.75	6.65	0	35.0
20080320:0956	215.93	22.04	195.78	5.64	30.21	5.44	7.37	0	64.2
20080320:1056	84.23	0	96.02	2.67	34.93	5.65	8.08	0	25.1
20080320:1156	71.13	0	83.56	2.32	37.06	5.85	8.8	0	21.2
20080320:1256	43.56	0	56.59	1.57	36.28	6.06	9.52	0	13.0
20080320:1356	43.97	0	57.03	1.59	32.7	6.21	9.68	0	13.1
20080320:1456	32.56	0	45.4	1.26	26.86	6.35	9.84	0	9.7
20080320:1556	36.95	0	49.96	1.39	19.41	6.5	10	0	11.0
20080320:1656	14.15	0	25.35	0.71	10.96	6.89	10.17	0	4.2
20080320:1756	0	0	0	0	0	7.28	10.35	0	0.0
20080320:1856	0	0	0	0	0	7.66	10.52	0	0.0
20080320:1956	0	0	0	0	0	7.58	10.47	0	0.0
20080320:2056	0	0	0	0	0	7.5	10.41	0	0.0
20080320:2156	0	0	0	0	0	7.41	10.36	0	0.0
20080320:2256	0	0	0	0	0	6.87	10.29	0	0.0
20080320:2356	0	0	0	0	0	6.34	10.22	0	0.0
20080321:0056	0	0	0	0	0	5.8	10.15	0	0.0
20080321:0156	0	0	0	0	0	5.7	10.4	0	0.0
20080321:0256	0	0	0	0	0	5.6	10.65	0	0.0
20080321:0356	0	0	0	0	0	5.51	10.9	0	0.0
20080321:0456	0	0	0	0	0	4.32	10.99	0	0.0
20080321:0556	0	0	0	0	0	3.13	11.09	0	0.0
20080321:0656	152.09	106.16	64.46	2.29	7.18	1.95	11.19	0	45.2
20080321:0756	443.91	300.98	125.01	6.04	15.93	2.5	11.48	0	132.1
20080321:0856	700.96	496.06	164.27	9.66	23.92	3.06	11.77	0	208.5

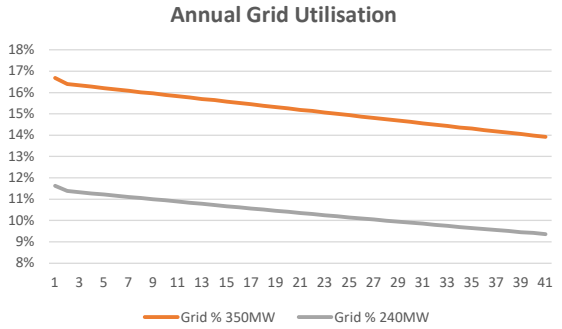
Notes
Input sourced from PVGIS https://re.jrc.ec.europa.eu/pvg_tools/en/
Extracted 18 June 2021
PVGIS extract provides **Inputs Col.A** to **Col.I** as a standard download.

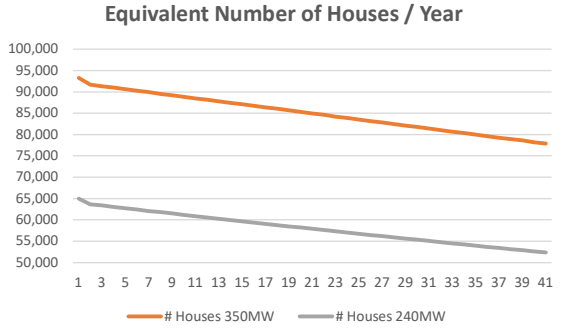
Calculations
Load Factor is: Total energy (= power generated x time) / total time
Each row is 1 hour, so energy provided by the power from each row = 1 x the value

System Losses need to be assumed to move from power generated to power supplied	15%		LOSSES
System Capacity has been unitised	1	kW	CAPACITY
E.g. (Row 20 of Inputs): Power (in Watts) for a 1kW system, is 137.35 for one hour, or 0.13735 kWh (kilowatt hours)			
Total Energy generated = sum (Col. B)	11,990	kWh	ETOT
Energy Supplied = ETOT x (1 - [LOSSES])	10,191		ENERGY_SUPPLIED
Total Time = count data rows (Col. B)	87,671	Hours	TIME
Load Factor= [ENERGY_SUPPLIED] / [TIME] / [CAPACITY]	**11.6%**		
Installed Capacity	350	MW	
Grid Connection Capacity	240	MW	
Total Energy Generated = sum (Col.P)	3,510	GWh	ENERGY METERED OUT
Total Time = count data rows (Col. B)	87,671	Hours	TIME
Load Factor= [ENERGY_SUPPLIED] / [TIME] / [CAPACITY]	**11.4%**		
Year 0 degradation	2.00%		
Year 'n' degradation	0.45%		

		84.781					32%		
		318,776		318,776	217,523	15.2%	10.3%		
Year	**LF**	**Output**	**Year**	**Output 350MW**	**Output 240MW**	**Grid % 350MW**	**Grid % 240MW**	**# Houses 350MW**	**# Houses 240MW**
0	11.4%	350,760	0	350,760	244,345	16.7%	11.6%	93,287	64,985
1	11.2%	344,799	1	344,799	239,458	16.4%	11.4%	91,702	63,686
2	11.2%	343,467	2	343,467	238,261	16.3%	11.3%	91,348	63,367
3	11.2%	342,132	3	342,132	237,069	16.3%	11.3%	90,992	63,050
4	11.1%	340,802	4	340,802	235,884	16.2%	11.2%	90,639	62,735
5	11.1%	339,465	5	339,465	234,705	16.1%	11.2%	90,283	62,421
6	11.0%	338,132	6	338,132	233,531	16.1%	11.1%	89,929	62,109
7	11.0%	336,802	7	336,802	232,363	16.0%	11.1%	89,575	61,799
8	10.9%	335,467	8	335,467	231,202	16.0%	11.0%	89,220	61,490
9	10.9%	334,139	9	334,139	230,046	15.9%	10.9%	88,867	61,182
10	10.9%	332,805	10	332,805	228,895	15.8%	10.9%	88,512	60,876
11	10.8%	331,469	11	331,469	227,751	15.8%	10.8%	88,157	60,572
12	10.8%	330,139	12	330,139	226,612	15.7%	10.8%	87,803	60,269
13	10.7%	328,796	13	328,796	225,479	15.6%	10.7%	87,446	59,968
14	10.7%	327,459	14	327,459	224,352	15.6%	10.7%	87,090	59,668
15	10.6%	326,121	15	326,121	223,230	15.5%	10.6%	86,734	59,370
16	10.6%	324,782	16	324,782	222,114	15.4%	10.6%	86,378	59,073
17	10.5%	323,448	17	323,448	221,003	15.4%	10.5%	86,023	58,777
18	10.5%	322,106	18	322,106	219,898	15.3%	10.5%	85,666	58,484
19	10.5%	320,769	19	320,769	218,799	15.3%	10.4%	85,311	58,191
20	10.4%	319,432	20	319,432	217,705	15.2%	10.4%	84,955	57,900
21	10.4%	318,092	21	318,092	216,616	15.1%	10.3%	84,599	57,611
22	10.3%	316,759	22	316,759	215,533	15.1%	10.3%	84,244	57,323
23	10.3%	315,417	23	315,417	214,455	15.0%	10.2%	83,887	57,036
24	10.2%	314,080	24	314,080	213,383	14.9%	10.1%	83,532	56,751
25	10.2%	312,742	25	312,742	212,316	14.9%	10.1%	83,176	56,467
26	10.2%	311,404	26	311,404	211,255	14.8%	10.0%	82,820	56,185
27	10.1%	310,070	27	310,070	210,198	14.7%	10.0%	82,465	55,904
28	10.1%	308,731	28	308,731	209,147	14.7%	9.9%	82,109	55,624
29	10.0%	307,399	29	307,399	208,102	14.6%	9.9%	81,755	55,346
30	10.0%	306,064	30	306,064	207,061	14.6%	9.8%	81,400	55,069
31	9.9%	304,732	31	304,732	206,026	14.5%	9.8%	81,046	54,794
32	9.9%	303,403	32	303,403	204,996	14.4%	9.8%	80,692	54,520
33	9.9%	302,073	33	302,073	203,971	14.4%	9.7%	80,339	54,248
34	9.8%	300,749	34	300,749	202,951	14.3%	9.7%	79,987	53,976
35	9.8%	299,423	35	299,423	201,936	14.2%	9.6%	79,634	53,706
36	9.7%	298,103	36	298,103	200,926	14.2%	9.6%	79,283	53,438
37	9.7%	296,784	37	296,784	199,922	14.1%	9.5%	78,932	53,171
38	9.6%	295,469	38	295,469	198,922	14.1%	9.5%	78,582	52,905
39	9.6%	294,158	39	294,158	197,928	14.0%	9.4%	78,233	52,640
40	9.6%	292,849	40	292,849	196,938	13.9%	9.4%	77,885	52,377







Website	3,760.0
UK (2019)	3,770.2
Lincs (2019)	4,100.6
Website	3,760.0

				Y0	0%	Y1	2.0%	Y2	2.4%	Y3	2.9%	Y4	3.3%	Y5	3.8%	Y6	4.2%	Y7	4.6%	Y8	5.0%
				LF	11.4%	LF	11.2%	LF	11.2%	LF	11.2%	LF	11.1%	LF	11.1%	LF	11.0%	LF	11.0%	LF	10.9%
Output	Load_Duration	Frequency	Bucket	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0
0	45020	51.4%	51.4%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	47570	54.3%	2.9%	1.5	0.0	1.5	0.0	1.5	0.0	1.4	0.0	1.4	0.0	1.4	0.0	1.4	0.0	1.4	0.0	1.4	0.0
20	49473	56.4%	2.2%	4.5	0.1	4.4	0.1	4.4	0.1	4.3	0.1	4.3	0.1	4.3	0.1	4.3	0.1	4.3	0.1	4.2	0.1
30	51281	58.5%	2.1%	7.4	0.2	7.3	0.2	7.3	0.1	7.2	0.1	7.2	0.1	7.2	0.1	7.1	0.1	7.1	0.1	7.1	0.1
40	52808	60.2%	1.7%	10.4	0.2	10.2	0.2	10.2	0.2	10.1	0.2	10.1	0.2	10.0	0.2	10.0	0.2	9.9	0.2	9.9	0.2
50	54183	61.8%	1.6%	13.4	0.2	13.1	0.2	13.1	0.2	13.0	0.2	12.9	0.2	12.9	0.2	12.8	0.2	12.8	0.2	12.7	0.2
60	55443	63.2%	1.4%	16.4	0.2	16.0	0.2	16.0	0.2	15.9	0.2	15.8	0.2	15.7	0.2	15.7	0.2	15.6	0.2	15.5	0.2
70	56670	64.6%	1.4%	19.3	0.3	19.0	0.3	18.9	0.3	18.8	0.3	18.7	0.3	18.6	0.3	18.5	0.3	18.4	0.3	18.4	0.3
80	57776	65.9%	1.3%	22.3	0.3	21.9	0.3	21.8	0.3	21.7	0.3	21.6	0.3	21.5	0.3	21.4	0.3	21.3	0.3	21.2	0.3
90	58769	67.0%	1.1%	25.3	0.3	24.8	0.3	24.7	0.3	24.6	0.3	24.4	0.3	24.3	0.3	24.2	0.3	24.1	0.3	24.0	0.3
100	59709	68.1%	1.1%	28.3	0.3	27.7	0.3	27.6	0.3	27.4	0.3	27.3	0.3	27.2	0.3	27.1	0.3	27.0	0.3	26.8	0.3
110	60628	69.2%	1.0%	31.2	0.3	30.6	0.3	30.5	0.3	30.3	0.3	30.2	0.3	30.1	0.3	29.9	0.3	29.8	0.3	29.7	0.3
120	61445	70.1%	0.9%	34.2	0.3	33.5	0.3	33.4	0.3	33.2	0.3	33.1	0.3	32.9	0.3	32.8	0.3	32.6	0.3	32.5	0.3
130	62176	70.9%	0.8%	37.2	0.3	36.4	0.3	36.3	0.3	36.1	0.3	36.0	0.3	35.8	0.3	35.6	0.3	35.5	0.3	35.3	0.3
140	62877	71.7%	0.8%	40.2	0.3	39.4	0.3	39.2	0.3	39.0	0.3	38.8	0.3	38.7	0.3	38.5	0.3	38.3	0.3	38.1	0.3
150	63543	72.5%	0.8%	43.1	0.3	42.3	0.3	42.1	0.3	41.9	0.3	41.7	0.3	41.5	0.3	41.3	0.3	41.1	0.3	41.0	0.3
160	64261	73.3%	0.8%	46.1	0.4	45.2	0.4	45.0	0.4	44.8	0.4	44.6	0.4	44.4	0.4	44.2	0.4	44.0	0.4	43.8	0.4
170	64929	74.1%	0.8%	49.1	0.4	48.1	0.4	47.9	0.4	47.7	0.4	47.5	0.4	47.2	0.4	47.0	0.4	46.8	0.4	46.6	0.4
180	65623	74.9%	0.8%	52.1	0.4	51.0	0.4	50.8	0.4	50.6	0.4	50.3	0.4	50.1	0.4	49.9	0.4	49.7	0.4	49.4	0.4
190	66275	75.6%	0.7%	55.0	0.4	53.9	0.4	53.7	0.4	53.5	0.4	53.2	0.4	53.0	0.4	52.7	0.4	52.5	0.4	52.3	0.4
200	66895	76.3%	0.7%	58.0	0.4	56.9	0.4	56.6	0.4	56.3	0.4	56.1	0.4	55.8	0.4	55.6	0.4	55.3	0.4	55.1	0.4
210	67509	77.0%	0.7%	61.0	0.4	59.8	0.4	59.5	0.4	59.2	0.4	59.0	0.4	58.7	0.4	58.4	0.4	58.2	0.4	57.9	0.4
220	68149	77.7%	0.7%	64.0	0.5	62.7	0.5	62.4	0.5	62.1	0.5	61.8	0.5	61.6	0.4	61.3	0.4	61.0	0.4	60.7	0.4
230	68732	78.4%	0.7%	66.9	0.4	65.6	0.4	65.3	0.4	65.0	0.4	64.7	0.4	64.4	0.4	64.1	0.4	63.8	0.4	63.6	0.4
240	69184	78.9%	0.5%	69.9	0.4	68.5	0.4	68.2	0.4	67.9	0.4	67.6	0.3	67.3	0.3	67.0	0.3	66.7	0.3	66.4	0.3
250	69661	79.5%	0.5%	72.9	0.4	71.4	0.4	71.1	0.4	70.8	0.4	70.5	0.4	70.2	0.4	69.8	0.4	69.5	0.4	69.2	0.4
260	70116	80.0%	0.5%	75.9	0.4	74.3	0.4	74.0	0.4	73.7	0.4	73.3	0.4	73.0	0.4	72.7	0.4	72.4	0.4	72.0	0.4
270	70543	80.5%	0.5%	78.8	0.4	77.3	0.4	76.9	0.4	76.6	0.4	76.2	0.4	75.9	0.4	75.5	0.4	75.2	0.4	74.9	0.4
280	71011	81.0%	0.5%	81.8	0.4	80.2	0.4	79.8	0.4	79.5	0.4	79.1	0.4	78.7	0.4	78.4	0.4	78.0	0.4	77.7	0.4
290	71444	81.5%	0.5%	84.8	0.4	83.1	0.4	82.7	0.4	82.3	0.4	82.0	0.4	81.6	0.4	81.2	0.4	80.9	0.4	80.5	0.4
300	71860	82.0%	0.5%	87.8	0.4	86.0	0.4	85.6	0.4	85.2	0.4	84.9	0.4	84.5	0.4	84.1	0.4	83.7	0.4	83.3	0.4
310	72244	82.4%	0.4%	90.7	0.4	88.9	0.4	88.5	0.4	88.1	0.4	87.7	0.4	87.3	0.4	86.9	0.4	86.5	0.4	86.2	0.4
320	72638	82.9%	0.4%	93.7	0.4	91.8	0.4	91.4	0.4	91.0	0.4	90.6	0.4	90.2	0.4	89.8	0.4	89.4	0.4	89.0	0.4
330	73025	83.3%	0.4%	96.7	0.4	94.8	0.4	94.3	0.4	93.9	0.4	93.5	0.4	93.1	0.4	92.6	0.4	92.2	0.4	91.8	0.4
340	73374	83.7%	0.4%	99.7	0.4	97.7	0.4	97.2	0.4	96.8	0.4	96.4	0.4	95.9	0.4	95.5	0.4	95.1	0.4	94.6	0.4
350	73764	84.1%	0.4%	102.6	0.5	100.6	0.4	100.1	0.4	99.7	0.4	99.2	0.4	98.8	0.4	98.3	0.4	97.9	0.4	97.5	0.4
360	74098	84.5%	0.4%	105.6	0.4	103.5	0.4	103.0	0.4	102.6	0.4	102.1	0.4	101.6	0.4	101.2	0.4	100.7	0.4	100.3	0.4
370	74410	84.9%	0.4%	108.6	0.4	106.4	0.4	105.9	0.4	105.5	0.4	105.0	0.4	104.5	0.4	104.0	0.4	103.6	0.4	103.1	0.4
380	74724	85.2%	0.4%	111.6	0.4	109.3	0.4	108.8	0.4	108.3	0.4	107.9	0.4	107.4	0.4	106.9	0.4	106.4	0.4	105.9	0.4
390	75049	85.6%	0.4%	114.5	0.4	112.2	0.4	111.7	0.4	111.2	0.4	110.7	0.4	110.2	0.4	109.7	0.4	109.2	0.4	108.8	0.4
400	75333	85.9%	0.3%	117.5	0.4	115.2	0.4	114.6	0.4	114.1	0.4	113.6	0.4	113.1	0.4	112.6	0.4	112.1	0.4	111.6	0.4
410	75638	86.3%	0.3%	120.5	0.4	118.1	0.4	117.5	0.4	117.0	0.4	116.5	0.4	116.0	0.4	115.4	0.4	114.9	0.4	114.4	0.4
420	75945	86.6%	0.4%	123.5	0.4	121.0	0.4	120.4	0.4	119.9	0.4	119.4	0.4	118.8	0.4	118.3	0.4	117.8	0.4	117.2	0.4
430	76266	87.0%	0.4%	126.4	0.5	123.9	0.5	123.4	0.5	122.8	0.4	122.2	0.4	121.7	0.4	121.1	0.4	120.6	0.4	120.1	0.4
440	76597	87.4%	0.4%	129.4	0.5	126.8	0.5	126.3	0.5	125.7	0.5	125.1	0.5	124.6	0.5	124.0	0.5	123.4	0.5	122.9	0.5
450	76935	87.8%	0.4%	132.4	0.5	129.7	0.5	129.2	0.5	128.6	0.5	128.0	0.5	127.4	0.5	126.8	0.5	126.3	0.5	125.7	0.5
460	77234	88.1%	0.3%	135.4	0.5	132.7	0.5	132.1	0.5	131.5	0.4	130.9	0.4	130.3	0.4	129.7	0.4	129.1	0.4	128.5	0.4
470	77528	88.4%	0.3%	138.3	0.5	135.6	0.5	135.0	0.5	134.4	0.5	133.7	0.4	133.1	0.4	132.5	0.4	132.0	0.4	131.4	0.4
480	77787	88.7%	0.3%	141.3	0.4	138.5	0.4	137.9	0.4	137.2	0.4	136.6	0.4	136.0	0.4	135.4	0.4	134.8	0.4	134.2	0.4
490	78045	89.0%	0.3%	144.3	0.4	141.4	0.4	140.8	0.4	140.1	0.4	139.5	0.4	138.9	0.4	138.2	0.4	137.6	0.4	137.0	0.4
500	78269	89.3%	0.3%	147.3	0.4	144.3	0.4	143.7	0.4	143.0	0.4	142.4	0.4	141.7	0.4	141.1	0.4	140.5	0.4	139.8	0.4
510	78537	89.6%	0.3%	150.2	0.5	147.2	0.5	146.6	0.4	145.9	0.4	145.3	0.4	144.6	0.4	143.9	0.4	143.3	0.4	142.7	0.4
520	78823	89.9%	0.3%	153.2	0.5	150.1	0.5	149.5	0.5	148.8	0.5	148.1	0.5	147.5	0.5	146.8	0.5	146.1	0.5	145.5	0.5
530	79080	90.2%	0.3%	156.2	0.5	153.1	0.4	152.4	0.4	151.7	0.4	151.0	0.4	150.3	0.4	149.7	0.4	149.0	0.4	148.3	0.4

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540	79368	90.5%	0.3%	159.2	0.5	156.0	0.5	155.3	0.5	154.6	0.5	153.9	0.5	153.2	0.5	152.5	0.5	151.8	0.5	151.1	0.5
550	79654	90.9%	0.3%	162.1	0.5	158.9	0.5	158.2	0.5	157.5	0.5	156.8	0.5	156.1	0.5	155.4	0.5	154.7	0.5	154.0	0.5
560	79948	91.2%	0.3%	165.1	0.6	161.8	0.5	161.1	0.5	160.4	0.5	159.6	0.5	158.9	0.5	158.2	0.5	157.5	0.5	156.8	0.5
570	80223	91.5%	0.3%	168.1	0.5	164.7	0.5	164.0	0.5	163.2	0.5	162.5	0.5	161.8	0.5	161.1	0.5	160.3	0.5	159.6	0.5
580	80494	91.8%	0.3%	171.1	0.5	167.6	0.5	166.9	0.5	166.1	0.5	165.4	0.5	164.6	0.5	163.9	0.5	163.2	0.5	162.4	0.5
590	80775	92.1%	0.3%	174.0	0.6	170.6	0.5	169.8	0.5	169.0	0.5	168.3	0.5	167.5	0.5	166.8	0.5	166.0	0.5	165.3	0.5
600	81065	92.5%	0.3%	177.0	0.6	173.5	0.6	172.7	0.6	171.9	0.6	171.1	0.6	170.4	0.6	169.6	0.6	168.8	0.6	168.1	0.6
610	81326	92.8%	0.3%	180.0	0.5	176.4	0.5	175.6	0.5	174.8	0.5	174.0	0.5	173.2	0.5	172.5	0.5	171.7	0.5	170.9	0.5
620	81570	93.0%	0.3%	183.0	0.5	179.3	0.5	178.5	0.5	177.7	0.5	176.9	0.5	176.1	0.5	175.3	0.5	174.5	0.5	173.7	0.5
630	81799	93.3%	0.3%	185.9	0.5	182.2	0.5	181.4	0.5	180.6	0.5	179.8	0.5	179.0	0.5	178.2	0.5	177.4	0.5	176.6	0.5
640	82037	93.6%	0.3%	188.9	0.5	185.1	0.5	184.3	0.5	183.5	0.5	182.6	0.5	181.8	0.5	181.0	0.5	180.2	0.5	179.4	0.5
650	82293	93.9%	0.3%	191.9	0.6	188.0	0.5	187.2	0.5	186.4	0.5	185.5	0.5	184.7	0.5	183.9	0.5	183.0	0.5	182.2	0.5
660	82532	94.1%	0.3%	194.9	0.5	191.0	0.5	190.1	0.5	189.3	0.5	188.4	0.5	187.6	0.5	186.7	0.5	185.9	0.5	185.0	0.5
670	82749	94.4%	0.2%	197.8	0.5	193.9	0.5	193.0	0.5	192.1	0.5	191.3	0.5	190.4	0.5	189.6	0.5	188.7	0.5	187.9	0.5
680	82983	94.7%	0.3%	200.8	0.5	196.8	0.5	195.9	0.5	195.0	0.5	194.2	0.5	193.3	0.5	192.4	0.5	191.5	0.5	190.7	0.5
690	83188	94.9%	0.2%	203.8	0.5	199.7	0.5	198.8	0.5	197.9	0.5	197.0	0.5	196.1	0.5	195.3	0.5	194.4	0.5	193.5	0.5
700	83391	95.1%	0.2%	206.8	0.5	202.6	0.5	201.7	0.5	200.8	0.5	199.9	0.5	199.0	0.5	198.1	0.5	197.2	0.5	196.3	0.5
710	83588	95.3%	0.2%	209.7	0.5	205.5	0.5	204.6	0.5	203.7	0.5	202.8	0.5	201.9	0.5	201.0	0.5	200.1	0.4	199.2	0.4
720	83758	95.5%	0.2%	212.7	0.4	208.5	0.4	207.5	0.4	206.6	0.4	205.7	0.4	204.7	0.4	203.8	0.4	202.9	0.4	202.0	0.4
730	83964	95.8%	0.2%	215.7	0.5	211.4	0.5	210.4	0.5	209.5	0.5	208.5	0.5	207.6	0.5	206.7	0.5	205.7	0.5	204.8	0.5
740	84138	96.0%	0.2%	218.7	0.4	214.3	0.4	213.3	0.4	212.4	0.4	211.4	0.4	210.5	0.4	209.5	0.4	208.6	0.4	207.6	0.4
750	84319	96.2%	0.2%	221.6	0.5	217.2	0.4	216.2	0.4	215.3	0.4	214.3	0.4	213.3	0.4	212.4	0.4	211.4	0.4	210.5	0.4
760	84495	96.4%	0.2%	224.6	0.5	220.1	0.4	219.1	0.4	218.1	0.4	217.2	0.4	216.2	0.4	215.2	0.4	214.2	0.4	213.3	0.4
770	84694	96.6%	0.2%	227.6	0.5	223.0	0.5	222.0	0.5	221.0	0.5	220.0	0.5	219.0	0.5	218.1	0.5	217.1	0.5	216.1	0.5
780	84883	96.8%	0.2%	230.6	0.5	226.0	0.5	224.9	0.5	223.9	0.5	222.9	0.5	221.9	0.5	220.9	0.5	219.9	0.5	218.9	0.5
790	85066	97.0%	0.2%	233.5	0.5	228.9	0.5	227.8	0.5	226.8	0.5	225.8	0.5	224.8	0.5	223.8	0.5	222.8	0.5	221.8	0.5
800	85230	97.2%	0.2%	236.5	0.4	231.8	0.4	230.7	0.4	229.7	0.4	228.7	0.4	227.6	0.4	226.6	0.4	225.6	0.4	224.6	0.4
810	85398	97.4%	0.2%	239.5	0.5	234.7	0.4	233.6	0.4	232.6	0.4	231.5	0.4	230.5	0.4	229.5	0.4	228.4	0.4	227.4	0.4
820	85548	97.6%	0.2%	240.0	0.4	237.6	0.4	236.5	0.4	235.5	0.4	234.4	0.4	233.4	0.4	232.3	0.4	231.3	0.4	230.2	0.4
830	85724	97.8%	0.2%	240.0	0.5	240.0	0.5	239.4	0.5	238.4	0.5	237.3	0.5	236.2	0.5	235.2	0.5	234.1	0.5	233.1	0.5
840	85870	97.9%	0.2%	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	239.1	0.4	238.0	0.4	236.9	0.4	235.9	0.4
850	85995	98.1%	0.1%	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	239.8	0.3	238.7	0.3
860	86171	98.3%	0.2%	240.0	0.5	240.0	0.5	240.0	0.5	240.0	0.5	240.0	0.5	240.0	0.5	240.0	0.5	240.0	0.5	240.0	0.5
870	86349	98.5%	0.2%	240.0	0.5	240.0	0.5	240.0	0.5	240.0	0.5	240.0	0.5	240.0	0.5	240.0	0.5	240.0	0.5	240.0	0.5
880	86485	98.6%	0.2%	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4
890	86628	98.8%	0.2%	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4
900	86761	99.0%	0.2%	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4
910	86904	99.1%	0.2%	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4
920	87028	99.3%	0.1%	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3
930	87147	99.4%	0.1%	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3
940	87248	99.5%	0.1%	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3
950	87337	99.6%	0.1%	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2
960	87418	99.7%	0.1%	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2
970	87479	99.8%	0.1%	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2
980	87532	99.8%	0.1%	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1
990	87577	99.9%	0.1%	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1
1000	87671	100.0%	0.1%	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3

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				Y9	5.5%	Y10	5.9%	Y11	6.3%	Y12	6.7%	Y13	7.2%	Y14	7.6%	Y15	8.0%	Y16	8.4%
				LF	10.9%	LF	10.9%	LF	10.8%	LF	10.8%	LF	10.7%	LF	10.7%	LF	10.6%	LF	10.6%
Output	Load_Duration	Frequency	Bucket	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0
0	45020	51.4%	51.4%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	47570	54.3%	2.9%	1.4	0.0	1.4	0.0	1.4	0.0	1.4	0.0	1.4	0.0	1.4	0.0	1.4	0.0	1.4	0.0
20	49473	56.4%	2.2%	4.2	0.1	4.2	0.1	4.2	0.1	4.2	0.1	4.1	0.1	4.1	0.1	4.1	0.1	4.1	0.1
30	51281	58.5%	2.1%	7.0	0.1	7.0	0.1	7.0	0.1	6.9	0.1	6.9	0.1	6.9	0.1	6.8	0.1	6.8	0.1
40	52808	60.2%	1.7%	9.8	0.2	9.8	0.2	9.8	0.2	9.7	0.2	9.7	0.2	9.6	0.2	9.6	0.2	9.5	0.2
50	54183	61.8%	1.6%	12.7	0.2	12.6	0.2	12.5	0.2	12.5	0.2	12.4	0.2	12.4	0.2	12.3	0.2	12.3	0.2
60	55443	63.2%	1.4%	15.5	0.2	15.4	0.2	15.3	0.2	15.3	0.2	15.2	0.2	15.1	0.2	15.1	0.2	15.0	0.2
70	56670	64.6%	1.4%	18.3	0.3	18.2	0.3	18.1	0.3	18.0	0.3	18.0	0.3	17.9	0.3	17.8	0.2	17.7	0.2
80	57776	65.9%	1.3%	21.1	0.3	21.0	0.3	20.9	0.3	20.8	0.3	20.7	0.3	20.6	0.3	20.5	0.3	20.4	0.3
90	58769	67.0%	1.1%	23.9	0.3	23.8	0.3	23.7	0.3	23.6	0.3	23.5	0.3	23.4	0.3	23.3	0.3	23.2	0.3
100	59709	68.1%	1.1%	26.7	0.3	26.6	0.3	26.5	0.3	26.4	0.3	26.2	0.3	26.1	0.3	26.0	0.3	25.9	0.3
110	60628	69.2%	1.0%	29.5	0.3	29.4	0.3	29.3	0.3	29.1	0.3	29.0	0.3	28.9	0.3	28.7	0.3	28.6	0.3
120	61445	70.1%	0.9%	32.3	0.3	32.2	0.3	32.0	0.3	31.9	0.3	31.8	0.3	31.6	0.3	31.5	0.3	31.3	0.3
130	62176	70.9%	0.8%	35.2	0.3	35.0	0.3	34.8	0.3	34.7	0.3	34.5	0.3	34.4	0.3	34.2	0.3	34.1	0.3
140	62877	71.7%	0.8%	38.0	0.3	37.8	0.3	37.6	0.3	37.5	0.3	37.3	0.3	37.1	0.3	37.0	0.3	36.8	0.3
150	63543	72.5%	0.8%	40.8	0.3	40.6	0.3	40.4	0.3	40.2	0.3	40.0	0.3	39.9	0.3	39.7	0.3	39.5	0.3
160	64261	73.3%	0.8%	43.6	0.4	43.4	0.4	43.2	0.4	43.0	0.4	42.8	0.4	42.6	0.3	42.4	0.3	42.2	0.3
170	64929	74.1%	0.8%	46.4	0.4	46.2	0.4	46.0	0.4	45.8	0.3	45.6	0.3	45.4	0.3	45.2	0.3	45.0	0.3
180	65623	74.9%	0.8%	49.2	0.4	49.0	0.4	48.8	0.4	48.6	0.4	48.3	0.4	48.1	0.4	47.9	0.4	47.7	0.4
190	66275	75.6%	0.7%	52.0	0.4	51.8	0.4	51.6	0.4	51.3	0.4	51.1	0.4	50.9	0.4	50.6	0.4	50.4	0.4
200	66895	76.3%	0.7%	54.8	0.4	54.6	0.4	54.3	0.4	54.1	0.4	53.9	0.4	53.6	0.4	53.4	0.4	53.1	0.4
210	67509	77.0%	0.7%	57.6	0.4	57.4	0.4	57.1	0.4	56.9	0.4	56.6	0.4	56.4	0.4	56.1	0.4	55.9	0.4
220	68149	77.7%	0.7%	60.5	0.4	60.2	0.4	59.9	0.4	59.6	0.4	59.4	0.4	59.1	0.4	58.8	0.4	58.6	0.4
230	68732	78.4%	0.7%	63.3	0.4	63.0	0.4	62.7	0.4	62.4	0.4	62.1	0.4	61.9	0.4	61.6	0.4	61.3	0.4
240	69184	78.9%	0.5%	66.1	0.3	65.8	0.3	65.5	0.3	65.2	0.3	64.9	0.3	64.6	0.3	64.3	0.3	64.0	0.3
250	69661	79.5%	0.5%	68.9	0.4	68.6	0.4	68.3	0.4	68.0	0.4	67.7	0.4	67.4	0.4	67.1	0.4	66.8	0.4
260	70116	80.0%	0.5%	71.7	0.4	71.4	0.4	71.1	0.4	70.7	0.4	70.4	0.4	70.1	0.4	69.8	0.4	69.5	0.4
270	70543	80.5%	0.5%	74.5	0.4	74.2	0.4	73.9	0.4	73.5	0.4	73.2	0.4	72.9	0.4	72.5	0.4	72.2	0.4
280	71011	81.0%	0.5%	77.3	0.4	77.0	0.4	76.6	0.4	76.3	0.4	76.0	0.4	75.6	0.4	75.3	0.4	74.9	0.4
290	71444	81.5%	0.5%	80.1	0.4	79.8	0.4	79.4	0.4	79.1	0.4	78.7	0.4	78.4	0.4	78.0	0.4	77.7	0.4
300	71860	82.0%	0.5%	83.0	0.4	82.6	0.4	82.2	0.4	81.8	0.4	81.5	0.4	81.1	0.4	80.7	0.4	80.4	0.4
310	72244	82.4%	0.4%	85.8	0.4	85.4	0.4	85.0	0.4	84.6	0.4	84.2	0.4	83.9	0.4	83.5	0.4	83.1	0.4
320	72638	82.9%	0.4%	88.6	0.4	88.2	0.4	87.8	0.4	87.4	0.4	87.0	0.4	86.6	0.4	86.2	0.4	85.8	0.4
330	73025	83.3%	0.4%	91.4	0.4	91.0	0.4	90.6	0.4	90.2	0.4	89.8	0.4	89.4	0.4	89.0	0.4	88.6	0.4
340	73374	83.7%	0.4%	94.2	0.4	93.8	0.4	93.4	0.4	92.9	0.4	92.5	0.4	92.1	0.4	91.7	0.4	91.3	0.4
350	73764	84.1%	0.4%	97.0	0.4	96.6	0.4	96.1	0.4	95.7	0.4	95.3	0.4	94.9	0.4	94.4	0.4	94.0	0.4
360	74098	84.5%	0.4%	99.8	0.4	99.4	0.4	98.9	0.4	98.5	0.4	98.0	0.4	97.6	0.4	97.2	0.4	96.7	0.4
370	74410	84.9%	0.4%	102.6	0.4	102.2	0.4	101.7	0.4	101.3	0.4	100.8	0.4	100.4	0.4	99.9	0.4	99.5	0.4
380	74724	85.2%	0.4%	105.5	0.4	105.0	0.4	104.5	0.4	104.0	0.4	103.6	0.4	103.1	0.4	102.6	0.4	102.2	0.4
390	75049	85.6%	0.4%	108.3	0.4	107.8	0.4	107.3	0.4	106.8	0.4	106.3	0.4	105.9	0.4	105.4	0.4	104.9	0.4
400	75333	85.9%	0.3%	111.1	0.4	110.6	0.4	110.1	0.4	109.6	0.4	109.1	0.4	108.6	0.4	108.1	0.4	107.6	0.3
410	75638	86.3%	0.3%	113.9	0.4	113.4	0.4	112.9	0.4	112.4	0.4	111.9	0.4	111.4	0.4	110.9	0.4	110.4	0.4
420	75945	86.6%	0.4%	116.7	0.4	116.2	0.4	115.7	0.4	115.1	0.4	114.6	0.4	114.1	0.4	113.6	0.4	113.1	0.4
430	76266	87.0%	0.4%	119.5	0.4	119.0	0.4	118.4	0.4	117.9	0.4	117.4	0.4	116.9	0.4	116.3	0.4	115.8	0.4
440	76597	87.4%	0.4%	122.3	0.5	121.8	0.5	121.2	0.5	120.7	0.5	120.1	0.5	119.6	0.5	119.1	0.4	118.5	0.4
450	76935	87.8%	0.4%	125.1	0.5	124.6	0.5	124.0	0.5	123.5	0.5	122.9	0.5	122.4	0.5	121.8	0.5	121.3	0.5

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460	77234	88.1%	0.3%	128.0	0.4	127.4	0.4	126.8	0.4	126.2	0.4	125.7	0.4	125.1	0.4	124.5	0.4	124.0	0.4
470	77528	88.4%	0.3%	130.8	0.4	130.2	0.4	129.6	0.4	129.0	0.4	128.4	0.4	127.9	0.4	127.3	0.4	126.7	0.4
480	77787	88.7%	0.3%	133.6	0.4	133.0	0.4	132.4	0.4	131.8	0.4	131.2	0.4	130.6	0.4	130.0	0.4	129.4	0.4
490	78045	89.0%	0.3%	136.4	0.4	135.8	0.4	135.2	0.4	134.6	0.4	134.0	0.4	133.3	0.4	132.7	0.4	132.2	0.4
500	78269	89.3%	0.3%	139.2	0.4	138.6	0.4	138.0	0.4	137.3	0.4	136.7	0.3	136.1	0.3	135.5	0.3	134.9	0.3
510	78537	89.6%	0.3%	142.0	0.4	141.4	0.4	140.7	0.4	140.1	0.4	139.5	0.4	138.8	0.4	138.2	0.4	137.6	0.4
520	78823	89.9%	0.3%	144.8	0.5	144.2	0.5	143.5	0.5	142.9	0.5	142.2	0.5	141.6	0.5	141.0	0.5	140.3	0.5
530	79080	90.2%	0.3%	147.6	0.4	147.0	0.4	146.3	0.4	145.7	0.4	145.0	0.4	144.3	0.4	143.7	0.4	143.1	0.4
540	79368	90.5%	0.3%	150.5	0.5	149.8	0.5	149.1	0.5	148.4	0.5	147.8	0.5	147.1	0.5	146.4	0.5	145.8	0.5
550	79654	90.9%	0.3%	153.3	0.5	152.6	0.5	151.9	0.5	151.2	0.5	150.5	0.5	149.8	0.5	149.2	0.5	148.5	0.5
560	79948	91.2%	0.3%	156.1	0.5	155.4	0.5	154.7	0.5	154.0	0.5	153.3	0.5	152.6	0.5	151.9	0.5	151.2	0.5
570	80223	91.5%	0.3%	158.9	0.5	158.2	0.5	157.5	0.5	156.8	0.5	156.0	0.5	155.3	0.5	154.6	0.5	154.0	0.5
580	80494	91.8%	0.3%	161.7	0.5	161.0	0.5	160.2	0.5	159.5	0.5	158.8	0.5	158.1	0.5	157.4	0.5	156.7	0.5
590	80775	92.1%	0.3%	164.5	0.5	163.8	0.5	163.0	0.5	162.3	0.5	161.6	0.5	160.8	0.5	160.1	0.5	159.4	0.5
600	81065	92.5%	0.3%	167.3	0.6	166.6	0.6	165.8	0.5	165.1	0.5	164.3	0.5	163.6	0.5	162.9	0.5	162.1	0.5
610	81326	92.8%	0.3%	170.1	0.5	169.4	0.5	168.6	0.5	167.9	0.5	167.1	0.5	166.3	0.5	165.6	0.5	164.8	0.5
620	81570	93.0%	0.3%	172.9	0.5	172.2	0.5	171.4	0.5	170.6	0.5	169.9	0.5	169.1	0.5	168.3	0.5	167.6	0.5
630	81799	93.3%	0.3%	175.8	0.5	175.0	0.5	174.2	0.5	173.4	0.5	172.6	0.5	171.8	0.4	171.1	0.4	170.3	0.4
640	82037	93.6%	0.3%	178.6	0.5	177.8	0.5	177.0	0.5	176.2	0.5	175.4	0.5	174.6	0.5	173.8	0.5	173.0	0.5
650	82293	93.9%	0.3%	181.4	0.5	180.6	0.5	179.8	0.5	178.9	0.5	178.1	0.5	177.3	0.5	176.5	0.5	175.7	0.5
660	82532	94.1%	0.3%	184.2	0.5	183.4	0.5	182.5	0.5	181.7	0.5	180.9	0.5	180.1	0.5	179.3	0.5	178.5	0.5
670	82749	94.4%	0.2%	187.0	0.5	186.2	0.5	185.3	0.5	184.5	0.5	183.7	0.5	182.8	0.5	182.0	0.5	181.2	0.4
680	82983	94.7%	0.3%	189.8	0.5	189.0	0.5	188.1	0.5	187.3	0.5	186.4	0.5	185.6	0.5	184.8	0.5	183.9	0.5
690	83188	94.9%	0.2%	192.6	0.5	191.8	0.4	190.9	0.4	190.0	0.4	189.2	0.4	188.3	0.4	187.5	0.4	186.6	0.4
700	83391	95.1%	0.2%	195.4	0.5	194.6	0.5	193.7	0.4	192.8	0.4	192.0	0.4	191.1	0.4	190.2	0.4	189.4	0.4
710	83588	95.3%	0.2%	198.3	0.4	197.4	0.4	196.5	0.4	195.6	0.4	194.7	0.4	193.8	0.4	193.0	0.4	192.1	0.4
720	83758	95.5%	0.2%	201.1	0.4	200.2	0.4	199.3	0.4	198.4	0.4	197.5	0.4	196.6	0.4	195.7	0.4	194.8	0.4
730	83964	95.8%	0.2%	203.9	0.5	203.0	0.5	202.1	0.5	201.1	0.5	200.2	0.5	199.3	0.5	198.4	0.5	197.5	0.5
740	84138	96.0%	0.2%	206.7	0.4	205.8	0.4	204.8	0.4	203.9	0.4	203.0	0.4	202.1	0.4	201.2	0.4	200.3	0.4
750	84319	96.2%	0.2%	209.5	0.4	208.6	0.4	207.6	0.4	206.7	0.4	205.8	0.4	204.8	0.4	203.9	0.4	203.0	0.4
760	84495	96.4%	0.2%	212.3	0.4	211.4	0.4	210.4	0.4	209.5	0.4	208.5	0.4	207.6	0.4	206.7	0.4	205.7	0.4
770	84694	96.6%	0.2%	215.1	0.5	214.2	0.5	213.2	0.5	212.2	0.5	211.3	0.5	210.3	0.5	209.4	0.5	208.4	0.5
780	84883	96.8%	0.2%	217.9	0.5	217.0	0.5	216.0	0.5	215.0	0.5	214.0	0.5	213.1	0.5	212.1	0.5	211.2	0.5
790	85066	97.0%	0.2%	220.8	0.5	219.8	0.5	218.8	0.5	217.8	0.5	216.8	0.5	215.8	0.5	214.9	0.4	213.9	0.4
800	85230	97.2%	0.2%	223.6	0.4	222.6	0.4	221.6	0.4	220.6	0.4	219.6	0.4	218.6	0.4	217.6	0.4	216.6	0.4
810	85398	97.4%	0.2%	226.4	0.4	225.4	0.4	224.3	0.4	223.3	0.4	222.3	0.4	221.3	0.4	220.3	0.4	219.3	0.4
820	85548	97.6%	0.2%	229.2	0.4	228.2	0.4	227.1	0.4	226.1	0.4	225.1	0.4	224.1	0.4	223.1	0.4	222.1	0.4
830	85724	97.8%	0.2%	232.0	0.5	231.0	0.5	229.9	0.5	228.9	0.5	227.9	0.5	226.8	0.5	225.8	0.5	224.8	0.5
840	85870	97.9%	0.2%	234.8	0.4	233.8	0.4	232.7	0.4	231.7	0.4	230.6	0.4	229.6	0.4	228.5	0.4	227.5	0.4
850	85995	98.1%	0.1%	237.6	0.3	236.6	0.3	235.5	0.3	234.4	0.3	233.4	0.3	232.3	0.3	231.3	0.3	230.2	0.3
860	86171	98.3%	0.2%	240.0	0.5	239.4	0.5	238.3	0.5	237.2	0.5	236.1	0.5	235.1	0.5	234.0	0.5	233.0	0.5
870	86349	98.5%	0.2%	240.0	0.5	240.0	0.5	240.0	0.5	240.0	0.5	238.9	0.5	237.8	0.5	236.8	0.5	235.7	0.5
880	86485	98.6%	0.2%	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	239.5	0.4	238.4	0.4
890	86628	98.8%	0.2%	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4
900	86761	99.0%	0.2%	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4
910	86904	99.1%	0.2%	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4
920	87028	99.3%	0.1%	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3
930	87147	99.4%	0.1%	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3
940	87248	99.5%	0.1%	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3
950	87337	99.6%	0.1%	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2
960	87418	99.7%	0.1%	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2
970	87479	99.8%	0.1%	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2
980	87532	99.8%	0.1%	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1
990	87577	99.9%	0.1%	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1
1000	87671	100.0%	0.1%	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3

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				Y17	8.8%	Y18	9.2%	Y19	9.6%	Y20	10.0%	Y21	10.5%	Y22	10.9%	Y23	11.3%	Y24	11.7%
				LF	10.5%	LF	10.5%	LF	10.5%	LF	10.4%	LF	10.4%	LF	10.3%	LF	10.3%	LF	10.2%
Output	Load_Duration	Frequency	Bucket	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0
0	45020	51.4%	51.4%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	47570	54.3%	2.9%	1.4	0.0	1.4	0.0	1.3	0.0	1.3	0.0	1.3	0.0	1.3	0.0	1.3	0.0	1.3	0.0
20	49473	56.4%	2.2%	4.1	0.1	4.1	0.1	4.0	0.1	4.0	0.1	4.0	0.1	4.0	0.1	4.0	0.1	3.9	0.1
30	51281	58.5%	2.1%	6.8	0.1	6.8	0.1	6.7	0.1	6.7	0.1	6.7	0.1	6.6	0.1	6.6	0.1	6.6	0.1
40	52808	60.2%	1.7%	9.5	0.2	9.5	0.2	9.4	0.2	9.4	0.2	9.3	0.2	9.3	0.2	9.2	0.2	9.2	0.2
50	54183	61.8%	1.6%	12.2	0.2	12.2	0.2	12.1	0.2	12.0	0.2	12.0	0.2	11.9	0.2	11.9	0.2	11.8	0.2
60	55443	63.2%	1.4%	14.9	0.2	14.9	0.2	14.8	0.2	14.7	0.2	14.7	0.2	14.6	0.2	14.5	0.2	14.5	0.2
70	56670	64.6%	1.4%	17.6	0.2	17.6	0.2	17.5	0.2	17.4	0.2	17.3	0.2	17.2	0.2	17.2	0.2	17.1	0.2
80	57776	65.9%	1.3%	20.3	0.3	20.3	0.3	20.2	0.3	20.1	0.3	20.0	0.3	19.9	0.3	19.8	0.2	19.7	0.2
90	58769	67.0%	1.1%	23.1	0.3	23.0	0.3	22.8	0.3	22.7	0.3	22.6	0.3	22.5	0.3	22.4	0.3	22.3	0.3
100	59709	68.1%	1.1%	25.8	0.3	25.7	0.3	25.5	0.3	25.4	0.3	25.3	0.3	25.2	0.3	25.1	0.3	25.0	0.3
110	60628	69.2%	1.0%	28.5	0.3	28.4	0.3	28.2	0.3	28.1	0.3	28.0	0.3	27.8	0.3	27.7	0.3	27.6	0.3
120	61445	70.1%	0.9%	31.2	0.3	31.1	0.3	30.9	0.3	30.8	0.3	30.6	0.3	30.5	0.3	30.4	0.3	30.2	0.3
130	62176	70.9%	0.8%	33.9	0.3	33.8	0.3	33.6	0.3	33.5	0.3	33.3	0.3	33.2	0.3	33.0	0.3	32.9	0.3
140	62877	71.7%	0.8%	36.6	0.3	36.5	0.3	36.3	0.3	36.1	0.3	36.0	0.3	35.8	0.3	35.6	0.3	35.5	0.3
150	63543	72.5%	0.8%	39.3	0.3	39.2	0.3	39.0	0.3	38.8	0.3	38.6	0.3	38.5	0.3	38.3	0.3	38.1	0.3
160	64261	73.3%	0.8%	42.0	0.3	41.9	0.3	41.7	0.3	41.5	0.3	41.3	0.3	41.1	0.3	40.9	0.3	40.7	0.3
170	64929	74.1%	0.8%	44.8	0.3	44.6	0.3	44.4	0.3	44.2	0.3	44.0	0.3	43.8	0.3	43.6	0.3	43.4	0.3
180	65623	74.9%	0.8%	47.5	0.4	47.3	0.4	47.0	0.4	46.8	0.4	46.6	0.4	46.4	0.4	46.2	0.4	46.0	0.4
190	66275	75.6%	0.7%	50.2	0.4	50.0	0.4	49.7	0.4	49.5	0.4	49.3	0.4	49.1	0.4	48.8	0.4	48.6	0.4
200	66895	76.3%	0.7%	52.9	0.4	52.7	0.4	52.4	0.4	52.2	0.4	51.9	0.4	51.7	0.4	51.5	0.4	51.3	0.4
210	67509	77.0%	0.7%	55.6	0.4	55.4	0.4	55.1	0.4	54.9	0.4	54.6	0.4	54.4	0.4	54.1	0.4	53.9	0.4
220	68149	77.7%	0.7%	58.3	0.4	58.1	0.4	57.8	0.4	57.5	0.4	57.3	0.4	57.0	0.4	56.8	0.4	56.5	0.4
230	68732	78.4%	0.7%	61.0	0.4	60.8	0.4	60.5	0.4	60.2	0.4	59.9	0.4	59.7	0.4	59.4	0.4	59.1	0.4
240	69184	78.9%	0.5%	63.7	0.3	63.5	0.3	63.2	0.3	62.9	0.3	62.6	0.3	62.3	0.3	62.0	0.3	61.8	0.3
250	69661	79.5%	0.5%	66.5	0.4	66.2	0.4	65.9	0.4	65.6	0.4	65.3	0.4	65.0	0.4	64.7	0.4	64.4	0.4
260	70116	80.0%	0.5%	69.2	0.4	68.9	0.4	68.5	0.4	68.2	0.4	67.9	0.4	67.6	0.4	67.3	0.3	67.0	0.3
270	70543	80.5%	0.5%	71.9	0.4	71.6	0.3	71.2	0.3	70.9	0.3	70.6	0.3	70.3	0.3	70.0	0.3	69.6	0.3
280	71011	81.0%	0.5%	74.6	0.4	74.3	0.4	73.9	0.4	73.6	0.4	73.3	0.4	72.9	0.4	72.6	0.4	72.3	0.4
290	71444	81.5%	0.5%	77.3	0.4	77.0	0.4	76.6	0.4	76.3	0.4	75.9	0.4	75.6	0.4	75.2	0.4	74.9	0.4
300	71860	82.0%	0.5%	80.0	0.4	79.7	0.4	79.3	0.4	78.9	0.4	78.6	0.4	78.2	0.4	77.9	0.4	77.5	0.4
310	72244	82.4%	0.4%	82.7	0.4	82.4	0.4	82.0	0.4	81.6	0.4	81.3	0.4	80.9	0.4	80.5	0.4	80.2	0.4
320	72638	82.9%	0.4%	85.4	0.4	85.1	0.4	84.7	0.4	84.3	0.4	83.9	0.4	83.5	0.4	83.2	0.4	82.8	0.4
330	73025	83.3%	0.4%	88.2	0.4	87.8	0.4	87.4	0.4	87.0	0.4	86.6	0.4	86.2	0.4	85.8	0.4	85.4	0.4
340	73374	83.7%	0.4%	90.9	0.4	90.5	0.4	90.1	0.4	89.6	0.4	89.2	0.4	88.8	0.4	88.4	0.4	88.0	0.4
350	73764	84.1%	0.4%	93.6	0.4	93.2	0.4	92.7	0.4	92.3	0.4	91.9	0.4	91.5	0.4	91.1	0.4	90.7	0.4
360	74098	84.5%	0.4%	96.3	0.4	95.9	0.4	95.4	0.4	95.0	0.4	94.6	0.4	94.1	0.4	93.7	0.4	93.3	0.4
370	74410	84.9%	0.4%	99.0	0.4	98.6	0.4	98.1	0.3	97.7	0.3	97.2	0.3	96.8	0.3	96.4	0.3	95.9	0.3
380	74724	85.2%	0.4%	101.7	0.4	101.3	0.4	100.8	0.4	100.4	0.4	99.9	0.4	99.5	0.4	99.0	0.4	98.6	0.4
390	75049	85.6%	0.4%	104.4	0.4	104.0	0.4	103.5	0.4	103.0	0.4	102.6	0.4	102.1	0.4	101.6	0.4	101.2	0.4
400	75333	85.9%	0.3%	107.1	0.3	106.7	0.3	106.2	0.3	105.7	0.3	105.2	0.3	104.8	0.3	104.3	0.3	103.8	0.3
410	75638	86.3%	0.3%	109.9	0.4	109.4	0.4	108.9	0.4	108.4	0.4	107.9	0.4	107.4	0.4	106.9	0.4	106.4	0.4
420	75945	86.6%	0.4%	112.6	0.4	112.1	0.4	111.6	0.4	111.1	0.4	110.6	0.4	110.1	0.4	109.6	0.4	109.1	0.4
430	76266	87.0%	0.4%	115.3	0.4	114.8	0.4	114.2	0.4	113.7	0.4	113.2	0.4	112.7	0.4	112.2	0.4	111.7	0.4
440	76597	87.4%	0.4%	118.0	0.4	117.5	0.4	116.9	0.4	116.4	0.4	115.9	0.4	115.4	0.4	114.8	0.4	114.3	0.4
450	76935	87.8%	0.4%	120.7	0.5	120.2	0.5	119.6	0.5	119.1	0.5	118.5	0.5	118.0	0.5	117.5	0.5	117.0	0.5

	[illegible]																		
460	77234	88.1%	0.3%	123.4	0.4	122.9	0.4	122.3	0.4	121.8	0.4	121.2	0.4	120.7	0.4	120.1	0.4	119.6	0.4
470	77528	88.4%	0.3%	126.1	0.4	125.6	0.4	125.0	0.4	124.4	0.4	123.9	0.4	123.3	0.4	122.8	0.4	122.2	0.4
480	77787	88.7%	0.3%	128.8	0.4	128.3	0.4	127.7	0.4	127.1	0.4	126.5	0.4	126.0	0.4	125.4	0.4	124.8	0.4
490	78045	89.0%	0.3%	131.6	0.4	131.0	0.4	130.4	0.4	129.8	0.4	129.2	0.4	128.6	0.4	128.0	0.4	127.5	0.4
500	78269	89.3%	0.3%	134.3	0.3	133.7	0.3	133.1	0.3	132.5	0.3	131.9	0.3	131.3	0.3	130.7	0.3	130.1	0.3
510	78537	89.6%	0.3%	137.0	0.4	136.4	0.4	135.8	0.4	135.1	0.4	134.5	0.4	133.9	0.4	133.3	0.4	132.7	0.4
520	78823	89.9%	0.3%	139.7	0.5	139.1	0.5	138.4	0.5	137.8	0.4	137.2	0.4	136.6	0.4	136.0	0.4	135.4	0.4
530	79080	90.2%	0.3%	142.4	0.4	141.8	0.4	141.1	0.4	140.5	0.4	139.9	0.4	139.2	0.4	138.6	0.4	138.0	0.4
540	79368	90.5%	0.3%	145.1	0.5	144.5	0.5	143.8	0.5	143.2	0.5	142.5	0.5	141.9	0.5	141.2	0.5	140.6	0.5
550	79654	90.9%	0.3%	147.8	0.5	147.2	0.5	146.5	0.5	145.8	0.5	145.2	0.5	144.5	0.5	143.9	0.5	143.2	0.5
560	79948	91.2%	0.3%	150.5	0.5	149.9	0.5	149.2	0.5	148.5	0.5	147.9	0.5	147.2	0.5	146.5	0.5	145.9	0.5
570	80223	91.5%	0.3%	153.3	0.5	152.6	0.5	151.9	0.5	151.2	0.5	150.5	0.5	149.8	0.5	149.2	0.5	148.5	0.5
580	80494	91.8%	0.3%	156.0	0.5	155.3	0.5	154.6	0.5	153.9	0.5	153.2	0.5	152.5	0.5	151.8	0.5	151.1	0.5
590	80775	92.1%	0.3%	158.7	0.5	158.0	0.5	157.3	0.5	156.5	0.5	155.8	0.5	155.1	0.5	154.4	0.5	153.8	0.5
600	81065	92.5%	0.3%	161.4	0.5	160.7	0.5	159.9	0.5	159.2	0.5	158.5	0.5	157.8	0.5	157.1	0.5	156.4	0.5
610	81326	92.8%	0.3%	164.1	0.5	163.4	0.5	162.6	0.5	161.9	0.5	161.2	0.5	160.4	0.5	159.7	0.5	159.0	0.5
620	81570	93.0%	0.3%	166.8	0.5	166.1	0.5	165.3	0.5	164.6	0.5	163.8	0.5	163.1	0.5	162.4	0.5	161.6	0.4
630	81799	93.3%	0.3%	169.5	0.4	168.8	0.4	168.0	0.4	167.3	0.4	166.5	0.4	165.8	0.4	165.0	0.4	164.3	0.4
640	82037	93.6%	0.3%	172.2	0.5	171.5	0.5	170.7	0.5	169.9	0.5	169.2	0.5	168.4	0.5	167.6	0.5	166.9	0.5
650	82293	93.9%	0.3%	175.0	0.5	174.2	0.5	173.4	0.5	172.6	0.5	171.8	0.5	171.1	0.5	170.3	0.5	169.5	0.5
660	82532	94.1%	0.3%	177.7	0.5	176.9	0.5	176.1	0.5	175.3	0.5	174.5	0.5	173.7	0.5	172.9	0.5	172.1	0.5
670	82749	94.4%	0.2%	180.4	0.4	179.6	0.4	178.8	0.4	178.0	0.4	177.2	0.4	176.4	0.4	175.6	0.4	174.8	0.4
680	82983	94.7%	0.3%	183.1	0.5	182.3	0.5	181.5	0.5	180.6	0.5	179.8	0.5	179.0	0.5	178.2	0.5	177.4	0.5
690	83188	94.9%	0.2%	185.8	0.4	185.0	0.4	184.1	0.4	183.3	0.4	182.5	0.4	181.7	0.4	180.8	0.4	180.0	0.4
700	83391	95.1%	0.2%	188.5	0.4	187.7	0.4	186.8	0.4	186.0	0.4	185.1	0.4	184.3	0.4	183.5	0.4	182.7	0.4
710	83588	95.3%	0.2%	191.2	0.4	190.4	0.4	189.5	0.4	188.7	0.4	187.8	0.4	187.0	0.4	186.1	0.4	185.3	0.4
720	83758	95.5%	0.2%	193.9	0.4	193.1	0.4	192.2	0.4	191.3	0.4	190.5	0.4	189.6	0.4	188.8	0.4	187.9	0.4
730	83964	95.8%	0.2%	196.7	0.5	195.8	0.5	194.9	0.5	194.0	0.5	193.1	0.5	192.3	0.5	191.4	0.4	190.5	0.4
740	84138	96.0%	0.2%	199.4	0.4	198.5	0.4	197.6	0.4	196.7	0.4	195.8	0.4	194.9	0.4	194.0	0.4	193.2	0.4
750	84319	96.2%	0.2%	202.1	0.4	201.2	0.4	200.3	0.4	199.4	0.4	198.5	0.4	197.6	0.4	196.7	0.4	195.8	0.4
760	84495	96.4%	0.2%	204.8	0.4	203.9	0.4	203.0	0.4	202.0	0.4	201.1	0.4	200.2	0.4	199.3	0.4	198.4	0.4
770	84694	96.6%	0.2%	207.5	0.5	206.6	0.5	205.6	0.5	204.7	0.5	203.8	0.5	202.9	0.5	202.0	0.5	201.1	0.5
780	84883	96.8%	0.2%	210.2	0.5	209.3	0.5	208.3	0.4	207.4	0.4	206.5	0.4	205.5	0.4	204.6	0.4	203.7	0.4
790	85066	97.0%	0.2%	212.9	0.4	212.0	0.4	211.0	0.4	210.1	0.4	209.1	0.4	208.2	0.4	207.2	0.4	206.3	0.4
800	85230	97.2%	0.2%	215.6	0.4	214.7	0.4	213.7	0.4	212.7	0.4	211.8	0.4	210.8	0.4	209.9	0.4	208.9	0.4
810	85398	97.4%	0.2%	218.4	0.4	217.4	0.4	216.4	0.4	215.4	0.4	214.5	0.4	213.5	0.4	212.5	0.4	211.6	0.4
820	85548	97.6%	0.2%	221.1	0.4	220.1	0.4	219.1	0.4	218.1	0.4	217.1	0.4	216.1	0.4	215.2	0.4	214.2	0.4
830	85724	97.8%	0.2%	223.8	0.4	222.8	0.4	221.8	0.4	220.8	0.4	219.8	0.4	218.8	0.4	217.8	0.4	216.8	0.4
840	85870	97.9%	0.2%	226.5	0.4	225.5	0.4	224.5	0.4	223.5	0.4	222.4	0.4	221.4	0.4	220.4	0.4	219.5	0.4
850	85995	98.1%	0.1%	229.2	0.3	228.2	0.3	227.1	0.3	226.1	0.3	225.1	0.3	224.1	0.3	223.1	0.3	222.1	0.3
860	86171	98.3%	0.2%	231.9	0.5	230.9	0.5	229.8	0.5	228.8	0.5	227.8	0.5	226.7	0.5	225.7	0.5	224.7	0.5
870	86349	98.5%	0.2%	234.6	0.5	233.6	0.5	232.5	0.5	231.5	0.5	230.4	0.5	229.4	0.5	228.4	0.5	227.3	0.5
880	86485	98.6%	0.2%	237.3	0.4	236.3	0.4	235.2	0.4	234.2	0.4	233.1	0.4	232.1	0.4	231.0	0.4	230.0	0.4
890	86628	98.8%	0.2%	240.0	0.4	239.0	0.4	237.9	0.4	236.8	0.4	235.8	0.4	234.7	0.4	233.6	0.4	232.6	0.4
900	86761	99.0%	0.2%	240.0	0.4	240.0	0.4	240.0	0.4	239.5	0.4	238.4	0.4	237.4	0.4	236.3	0.4	235.2	0.4
910	86904	99.1%	0.2%	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	240.0	0.4	238.9	0.4	237.9	0.4
920	87028	99.3%	0.1%	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3
930	87147	99.4%	0.1%	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3
940	87248	99.5%	0.1%	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3
950	87337	99.6%	0.1%	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2
960	87418	99.7%	0.1%	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2
970	87479	99.8%	0.1%	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2
980	87532	99.8%	0.1%	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1
990	87577	99.9%	0.1%	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1
1000	87671	100.0%	0.1%	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3

[redacted]

				Y25	12.1%	Y26	12.4%	Y27	12.8%	Y28	13.2%	Y29	13.6%	Y30	14.0%	Y31	14.4%	Y32	14.8%
				LF	10.2%	LF	10.2%	LF	10.1%	LF	10.1%	LF	10.0%	LF	10.0%	LF	9.9%	LF	9.9%
Output	Load_Duration	Frequency	Bucket	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0
0	45020	51.4%	51.4%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	47570	54.3%	2.9%	1.3	0.0	1.3	0.0	1.3	0.0	1.3	0.0	1.3	0.0	1.3	0.0	1.3	0.0	1.3	0.0
20	49473	56.4%	2.2%	3.9	0.1	3.9	0.1	3.9	0.1	3.9	0.1	3.9	0.1	3.8	0.1	3.8	0.1	3.8	0.1
30	51281	58.5%	2.1%	6.5	0.1	6.5	0.1	6.5	0.1	6.5	0.1	6.4	0.1	6.4	0.1	6.4	0.1	6.3	0.1
40	52808	60.2%	1.7%	9.2	0.2	9.1	0.2	9.1	0.2	9.0	0.2	9.0	0.2	9.0	0.2	8.9	0.2	8.9	0.2
50	54183	61.8%	1.6%	11.8	0.2	11.7	0.2	11.7	0.2	11.6	0.2	11.6	0.2	11.5	0.2	11.5	0.2	11.4	0.2
60	55443	63.2%	1.4%	14.4	0.2	14.3	0.2	14.3	0.2	14.2	0.2	14.1	0.2	14.1	0.2	14.0	0.2	13.9	0.2
70	56670	64.6%	1.4%	17.0	0.2	16.9	0.2	16.9	0.2	16.8	0.2	16.7	0.2	16.6	0.2	16.6	0.2	16.5	0.2
80	57776	65.9%	1.3%	19.6	0.2	19.5	0.2	19.4	0.2	19.4	0.2	19.3	0.2	19.2	0.2	19.1	0.2	19.0	0.2
90	58769	67.0%	1.1%	22.2	0.3	22.1	0.3	22.0	0.2	21.9	0.2	21.8	0.2	21.7	0.2	21.6	0.2	21.5	0.2
100	59709	68.1%	1.1%	24.9	0.3	24.7	0.3	24.6	0.3	24.5	0.3	24.4	0.3	24.3	0.3	24.2	0.3	24.1	0.3
110	60628	69.2%	1.0%	27.5	0.3	27.3	0.3	27.2	0.3	27.1	0.3	27.0	0.3	26.9	0.3	26.7	0.3	26.6	0.3
120	61445	70.1%	0.9%	30.1	0.3	30.0	0.3	29.8	0.3	29.7	0.3	29.6	0.3	29.4	0.3	29.3	0.3	29.2	0.3
130	62176	70.9%	0.8%	32.7	0.3	32.6	0.3	32.4	0.3	32.3	0.3	32.1	0.3	32.0	0.3	31.8	0.3	31.7	0.3
140	62877	71.7%	0.8%	35.3	0.3	35.2	0.3	35.0	0.3	34.8	0.3	34.7	0.3	34.5	0.3	34.4	0.3	34.2	0.3
150	63543	72.5%	0.8%	37.9	0.3	37.8	0.3	37.6	0.3	37.4	0.3	37.3	0.3	37.1	0.3	36.9	0.3	36.8	0.3
160	64261	73.3%	0.8%	40.6	0.3	40.4	0.3	40.2	0.3	40.0	0.3	39.8	0.3	39.6	0.3	39.5	0.3	39.3	0.3
170	64929	74.1%	0.8%	43.2	0.3	43.0	0.3	42.8	0.3	42.6	0.3	42.4	0.3	42.2	0.3	42.0	0.3	41.8	0.3
180	65623	74.9%	0.8%	45.8	0.4	45.6	0.4	45.4	0.4	45.2	0.4	45.0	0.4	44.8	0.4	44.6	0.4	44.4	0.4
190	66275	75.6%	0.7%	48.4	0.4	48.2	0.4	48.0	0.4	47.8	0.4	47.5	0.4	47.3	0.4	47.1	0.4	46.9	0.3
200	66895	76.3%	0.7%	51.0	0.4	50.8	0.4	50.6	0.4	50.3	0.4	50.1	0.4	49.9	0.4	49.7	0.4	49.4	0.3
210	67509	77.0%	0.7%	53.6	0.4	53.4	0.4	53.2	0.4	52.9	0.4	52.7	0.4	52.4	0.4	52.2	0.4	52.0	0.4
220	68149	77.7%	0.7%	56.3	0.4	56.0	0.4	55.7	0.4	55.5	0.4	55.2	0.4	55.0	0.4	54.8	0.4	54.5	0.4
230	68732	78.4%	0.7%	58.9	0.4	58.6	0.4	58.3	0.4	58.1	0.4	57.8	0.4	57.6	0.4	57.3	0.4	57.0	0.4
240	69184	78.9%	0.5%	61.5	0.3	61.2	0.3	60.9	0.3	60.7	0.3	60.4	0.3	60.1	0.3	59.8	0.3	59.6	0.3
250	69661	79.5%	0.5%	64.1	0.3	63.8	0.3	63.5	0.3	63.2	0.3	63.0	0.3	62.7	0.3	62.4	0.3	62.1	0.3
260	70116	80.0%	0.5%	66.7	0.3	66.4	0.3	66.1	0.3	65.8	0.3	65.5	0.3	65.2	0.3	64.9	0.3	64.6	0.3
270	70543	80.5%	0.5%	69.3	0.3	69.0	0.3	68.7	0.3	68.4	0.3	68.1	0.3	67.8	0.3	67.5	0.3	67.2	0.3
280	71011	81.0%	0.5%	72.0	0.4	71.6	0.4	71.3	0.4	71.0	0.4	70.7	0.4	70.3	0.4	70.0	0.4	69.7	0.4
290	71444	81.5%	0.5%	74.6	0.4	74.2	0.4	73.9	0.4	73.6	0.4	73.2	0.4	72.9	0.4	72.6	0.4	72.2	0.4
300	71860	82.0%	0.5%	77.2	0.4	76.8	0.4	76.5	0.4	76.1	0.4	75.8	0.4	75.5	0.4	75.1	0.4	74.8	0.4
310	72244	82.4%	0.4%	79.8	0.3	79.4	0.3	79.1	0.3	78.7	0.3	78.4	0.3	78.0	0.3	77.7	0.3	77.3	0.3
320	72638	82.9%	0.4%	82.4	0.4	82.0	0.4	81.7	0.4	81.3	0.4	80.9	0.4	80.6	0.4	80.2	0.4	79.9	0.4
330	73025	83.3%	0.4%	85.0	0.4	84.7	0.4	84.3	0.4	83.9	0.4	83.5	0.4	83.1	0.4	82.8	0.4	82.4	0.4
340	73374	83.7%	0.4%	87.6	0.3	87.3	0.3	86.9	0.3	86.5	0.3	86.1	0.3	85.7	0.3	85.3	0.3	84.9	0.3
350	73764	84.1%	0.4%	90.3	0.4	89.9	0.4	89.5	0.4	89.1	0.4	88.7	0.4	88.3	0.4	87.9	0.4	87.5	0.4
360	74098	84.5%	0.4%	92.9	0.4	92.5	0.4	92.0	0.4	91.6	0.3	91.2	0.3	90.8	0.3	90.4	0.3	90.0	0.3
370	74410	84.9%	0.4%	95.5	0.3	95.1	0.3	94.6	0.3	94.2	0.3	93.8	0.3	93.4	0.3	92.9	0.3	92.5	0.3
380	74724	85.2%	0.4%	98.1	0.4	97.7	0.3	97.2	0.3	96.8	0.3	96.4	0.3	95.9	0.3	95.5	0.3	95.1	0.3
390	75049	85.6%	0.4%	100.7	0.4	100.3	0.4	99.8	0.4	99.4	0.4	98.9	0.4	98.5	0.4	98.0	0.4	97.6	0.4
400	75333	85.9%	0.3%	103.3	0.3	102.9	0.3	102.4	0.3	102.0	0.3	101.5	0.3	101.0	0.3	100.6	0.3	100.1	0.3
410	75638	86.3%	0.3%	106.0	0.4	105.5	0.4	105.0	0.4	104.5	0.4	104.1	0.4	103.6	0.4	103.1	0.4	102.7	0.4
420	75945	86.6%	0.4%	108.6	0.4	108.1	0.4	107.6	0.4	107.1	0.4	106.6	0.4	106.2	0.4	105.7	0.4	105.2	0.4
430	76266	87.0%	0.4%	111.2	0.4	110.7	0.4	110.2	0.4	109.7	0.4	109.2	0.4	108.7	0.4	108.2	0.4	107.7	0.4
440	76597	87.4%	0.4%	113.8	0.4	113.3	0.4	112.8	0.4	112.3	0.4	111.8	0.4	111.3	0.4	110.8	0.4	110.3	0.4
450	76935	87.8%	0.4%	116.4	0.4	115.9	0.4	115.4	0.4	114.9	0.4	114.3	0.4	113.8	0.4	113.3	0.4	112.8	0.4

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
460	77234	88.1%	0.3%	119.0	0.4	118.5	0.4	118.0	0.4	117.4	0.4	116.9	0.4	116.4	0.4	115.9	0.4	115.3	0.4
470	77528	88.4%	0.3%	121.7	0.4	121.1	0.4	120.6	0.4	120.0	0.4	119.5	0.4	118.9	0.4	118.4	0.4	117.9	0.4
480	77787	88.7%	0.3%	124.3	0.4	123.7	0.4	123.2	0.4	122.6	0.4	122.1	0.4	121.5	0.4	121.0	0.4	120.4	0.4
490	78045	89.0%	0.3%	126.9	0.4	126.3	0.4	125.8	0.4	125.2	0.4	124.6	0.4	124.1	0.4	123.5	0.4	123.0	0.4
500	78269	89.3%	0.3%	129.5	0.3	128.9	0.3	128.3	0.3	127.8	0.3	127.2	0.3	126.6	0.3	126.1	0.3	125.5	0.3
510	78537	89.6%	0.3%	132.1	0.4	131.5	0.4	130.9	0.4	130.4	0.4	129.8	0.4	129.2	0.4	128.6	0.4	128.0	0.4
520	78823	89.9%	0.3%	134.7	0.4	134.1	0.4	133.5	0.4	132.9	0.4	132.3	0.4	131.7	0.4	131.1	0.4	130.6	0.4
530	79080	90.2%	0.3%	137.4	0.4	136.7	0.4	136.1	0.4	135.5	0.4	134.9	0.4	134.3	0.4	133.7	0.4	133.1	0.4
540	79368	90.5%	0.3%	140.0	0.5	139.3	0.5	138.7	0.5	138.1	0.5	137.5	0.5	136.9	0.4	136.2	0.4	135.6	0.4
550	79654	90.9%	0.3%	142.6	0.5	142.0	0.5	141.3	0.5	140.7	0.5	140.0	0.5	139.4	0.5	138.8	0.5	138.2	0.5
560	79948	91.2%	0.3%	145.2	0.5	144.6	0.5	143.9	0.5	143.3	0.5	142.6	0.5	142.0	0.5	141.3	0.5	140.7	0.5
570	80223	91.5%	0.3%	147.8	0.5	147.2	0.5	146.5	0.5	145.8	0.5	145.2	0.5	144.5	0.5	143.9	0.5	143.2	0.4
580	80494	91.8%	0.3%	150.4	0.5	149.8	0.5	149.1	0.5	148.4	0.5	147.8	0.5	147.1	0.5	146.4	0.5	145.8	0.5
590	80775	92.1%	0.3%	153.1	0.5	152.4	0.5	151.7	0.5	151.0	0.5	150.3	0.5	149.6	0.5	149.0	0.5	148.3	0.5
600	81065	92.5%	0.3%	155.7	0.5	155.0	0.5	154.3	0.5	153.6	0.5	152.9	0.5	152.2	0.5	151.5	0.5	150.8	0.5
610	81326	92.8%	0.3%	158.3	0.5	157.6	0.5	156.9	0.5	156.2	0.5	155.5	0.5	154.8	0.5	154.1	0.5	153.4	0.5
620	81570	93.0%	0.3%	160.9	0.4	160.2	0.4	159.5	0.4	158.7	0.4	158.0	0.4	157.3	0.4	156.6	0.4	155.9	0.4
630	81799	93.3%	0.3%	163.5	0.4	162.8	0.4	162.1	0.4	161.3	0.4	160.6	0.4	159.9	0.4	159.2	0.4	158.4	0.4
640	82037	93.6%	0.3%	166.1	0.5	165.4	0.4	164.6	0.4	163.9	0.4	163.2	0.4	162.4	0.4	161.7	0.4	161.0	0.4
650	82293	93.9%	0.3%	168.8	0.5	168.0	0.5	167.2	0.5	166.5	0.5	165.7	0.5	165.0	0.5	164.3	0.5	163.5	0.5
660	82532	94.1%	0.3%	171.4	0.5	170.6	0.5	169.8	0.5	169.1	0.5	168.3	0.5	167.6	0.5	166.8	0.5	166.0	0.5
670	82749	94.4%	0.2%	174.0	0.4	173.2	0.4	172.4	0.4	171.7	0.4	170.9	0.4	170.1	0.4	169.3	0.4	168.6	0.4
680	82983	94.7%	0.3%	176.6	0.5	175.8	0.5	175.0	0.5	174.2	0.5	173.4	0.5	172.7	0.5	171.9	0.5	171.1	0.5
690	83188	94.9%	0.2%	179.2	0.4	178.4	0.4	177.6	0.4	176.8	0.4	176.0	0.4	175.2	0.4	174.4	0.4	173.7	0.4
700	83391	95.1%	0.2%	181.8	0.4	181.0	0.4	180.2	0.4	179.4	0.4	178.6	0.4	177.8	0.4	177.0	0.4	176.2	0.4
710	83588	95.3%	0.2%	184.5	0.4	183.6	0.4	182.8	0.4	182.0	0.4	181.2	0.4	180.3	0.4	179.5	0.4	178.7	0.4
720	83758	95.5%	0.2%	187.1	0.4	186.2	0.4	185.4	0.4	184.6	0.4	183.7	0.4	182.9	0.4	182.1	0.4	181.3	0.4
730	83964	95.8%	0.2%	189.7	0.4	188.8	0.4	188.0	0.4	187.1	0.4	186.3	0.4	185.5	0.4	184.6	0.4	183.8	0.4
740	84138	96.0%	0.2%	192.3	0.4	191.4	0.4	190.6	0.4	189.7	0.4	188.9	0.4	188.0	0.4	187.2	0.4	186.3	0.4
750	84319	96.2%	0.2%	194.9	0.4	194.0	0.4	193.2	0.4	192.3	0.4	191.4	0.4	190.6	0.4	189.7	0.4	188.9	0.4
760	84495	96.4%	0.2%	197.5	0.4	196.6	0.4	195.8	0.4	194.9	0.4	194.0	0.4	193.1	0.4	192.3	0.4	191.4	0.4
770	84694	96.6%	0.2%	200.2	0.5	199.3	0.5	198.4	0.5	197.5	0.4	196.6	0.4	195.7	0.4	194.8	0.4	193.9	0.4
780	84883	96.8%	0.2%	202.8	0.4	201.9	0.4	200.9	0.4	200.0	0.4	199.1	0.4	198.2	0.4	197.4	0.4	196.5	0.4
790	85066	97.0%	0.2%	205.4	0.4	204.5	0.4	203.5	0.4	202.6	0.4	201.7	0.4	200.8	0.4	199.9	0.4	199.0	0.4
800	85230	97.2%	0.2%	208.0	0.4	207.1	0.4	206.1	0.4	205.2	0.4	204.3	0.4	203.4	0.4	202.5	0.4	201.5	0.4
810	85398	97.4%	0.2%	210.6	0.4	209.7	0.4	208.7	0.4	207.8	0.4	206.9	0.4	205.9	0.4	205.0	0.4	204.1	0.4
820	85548	97.6%	0.2%	213.2	0.4	212.3	0.4	211.3	0.4	210.4	0.4	209.4	0.4	208.5	0.4	207.5	0.4	206.6	0.4
830	85724	97.8%	0.2%	215.9	0.4	214.9	0.4	213.9	0.4	213.0	0.4	212.0	0.4	211.0	0.4	210.1	0.4	209.1	0.4
840	85870	97.9%	0.2%	218.5	0.4	217.5	0.4	216.5	0.4	215.5	0.4	214.6	0.4	213.6	0.4	212.6	0.4	211.7	0.4
850	85995	98.1%	0.1%	221.1	0.3	220.1	0.3	219.1	0.3	218.1	0.3	217.1	0.3	216.2	0.3	215.2	0.3	214.2	0.3
860	86171	98.3%	0.2%	223.7	0.4	222.7	0.4	221.7	0.4	220.7	0.4	219.7	0.4	218.7	0.4	217.7	0.4	216.7	0.4
870	86349	98.5%	0.2%	226.3	0.5	225.3	0.5	224.3	0.5	223.3	0.5	222.3	0.5	221.3	0.4	220.3	0.4	219.3	0.4
880	86485	98.6%	0.2%	228.9	0.4	227.9	0.4	226.9	0.4	225.9	0.4	224.8	0.3	223.8	0.3	222.8	0.3	221.8	0.3
890	86628	98.8%	0.2%	231.6	0.4	230.5	0.4	229.5	0.4	228.4	0.4	227.4	0.4	226.4	0.4	225.4	0.4	224.4	0.4
900	86761	99.0%	0.2%	234.2	0.4	233.1	0.4	232.1	0.4	231.0	0.4	230.0	0.3	228.9	0.3	227.9	0.3	226.9	0.3
910	86904	99.1%	0.2%	236.8	0.4	235.7	0.4	234.7	0.4	233.6	0.4	232.6	0.4	231.5	0.4	230.5	0.4	229.4	0.4
920	87028	99.3%	0.1%	239.4	0.3	238.3	0.3	237.3	0.3	236.2	0.3	235.1	0.3	234.1	0.3	233.0	0.3	232.0	0.3
930	87147	99.4%	0.1%	240.0	0.3	240.0	0.3	239.8	0.3	238.8	0.3	237.7	0.3	236.6	0.3	235.6	0.3	234.5	0.3
940	87248	99.5%	0.1%	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	239.2	0.3	238.1	0.3	237.0	0.3
950	87337	99.6%	0.1%	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	239.6	0.2
960	87418	99.7%	0.1%	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2
970	87479	99.8%	0.1%	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2
980	87532	99.8%	0.1%	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1
990	87577	99.9%	0.1%	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1
1000	87671	100.0%	0.1%	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3

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				Y33	15.2%	Y34	15.6%	Y35	15.9%	Y36	16.3%	Y37	16.7%	Y38	17.1%	Y39	17.4%	Y40	17.8%
				LF	9.9%	LF	9.8%	LF	9.8%	LF	9.7%	LF	9.7%	LF	9.6%	LF	9.6%	LF	9.6%
Output	Load_Duration	Frequency	Bucket	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0	Avg_Bucket	Output_Y0
0	45020	51.4%	51.4%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	47570	54.3%	2.9%	1.3	0.0	1.3	0.0	1.3	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2	0.0
20	49473	56.4%	2.2%	3.8	0.1	3.8	0.1	3.8	0.1	3.7	0.1	3.7	0.1	3.7	0.1	3.7	0.1	3.7	0.1
30	51281	58.5%	2.1%	6.3	0.1	6.3	0.1	6.3	0.1	6.2	0.1	6.2	0.1	6.2	0.1	6.1	0.1	6.1	0.1
40	52808	60.2%	1.7%	8.8	0.2	8.8	0.2	8.8	0.2	8.7	0.2	8.7	0.2	8.6	0.2	8.6	0.1	8.6	0.1
50	54183	61.8%	1.6%	11.4	0.2	11.3	0.2	11.3	0.2	11.2	0.2	11.2	0.2	11.1	0.2	11.1	0.2	11.0	0.2
60	55443	63.2%	1.4%	13.9	0.2	13.8	0.2	13.8	0.2	13.7	0.2	13.6	0.2	13.6	0.2	13.5	0.2	13.4	0.2
70	56670	64.6%	1.4%	16.4	0.2	16.3	0.2	16.3	0.2	16.2	0.2	16.1	0.2	16.0	0.2	16.0	0.2	15.9	0.2
80	57776	65.9%	1.3%	18.9	0.2	18.8	0.2	18.8	0.2	18.7	0.2	18.6	0.2	18.5	0.2	18.4	0.2	18.3	0.2
90	58769	67.0%	1.1%	21.5	0.2	21.4	0.2	21.3	0.2	21.2	0.2	21.1	0.2	21.0	0.2	20.9	0.2	20.8	0.2
100	59709	68.1%	1.1%	24.0	0.3	23.9	0.3	23.8	0.3	23.7	0.3	23.5	0.3	23.4	0.3	23.3	0.3	23.2	0.2
110	60628	69.2%	1.0%	26.5	0.3	26.4	0.3	26.3	0.3	26.1	0.3	26.0	0.3	25.9	0.3	25.8	0.3	25.7	0.3
120	61445	70.1%	0.9%	29.0	0.3	28.9	0.3	28.8	0.3	28.6	0.3	28.5	0.3	28.4	0.3	28.2	0.3	28.1	0.3
130	62176	70.9%	0.8%	31.5	0.3	31.4	0.3	31.3	0.3	31.1	0.3	31.0	0.3	30.8	0.3	30.7	0.3	30.6	0.3
140	62877	71.7%	0.8%	34.1	0.3	33.9	0.3	33.8	0.3	33.6	0.3	33.5	0.3	33.3	0.3	33.2	0.3	33.0	0.3
150	63543	72.5%	0.8%	36.6	0.3	36.4	0.3	36.3	0.3	36.1	0.3	35.9	0.3	35.8	0.3	35.6	0.3	35.5	0.3
160	64261	73.3%	0.8%	39.1	0.3	38.9	0.3	38.8	0.3	38.6	0.3	38.4	0.3	38.2	0.3	38.1	0.3	37.9	0.3
170	64929	74.1%	0.8%	41.6	0.3	41.5	0.3	41.3	0.3	41.1	0.3	40.9	0.3	40.7	0.3	40.5	0.3	40.3	0.3
180	65623	74.9%	0.8%	44.2	0.3	44.0	0.3	43.8	0.3	43.6	0.3	43.4	0.3	43.2	0.3	43.0	0.3	42.8	0.3
190	66275	75.6%	0.7%	46.7	0.3	46.5	0.3	46.3	0.3	46.1	0.3	45.9	0.3	45.6	0.3	45.4	0.3	45.2	0.3
200	66895	76.3%	0.7%	49.2	0.3	49.0	0.3	48.8	0.3	48.6	0.3	48.3	0.3	48.1	0.3	47.9	0.3	47.7	0.3
210	67509	77.0%	0.7%	51.7	0.4	51.5	0.4	51.3	0.4	51.0	0.4	50.8	0.4	50.6	0.4	50.4	0.4	50.1	0.4
220	68149	77.7%	0.7%	54.3	0.4	54.0	0.4	53.8	0.4	53.5	0.4	53.3	0.4	53.0	0.4	52.8	0.4	52.6	0.4
230	68732	78.4%	0.7%	56.8	0.4	56.5	0.4	56.3	0.4	56.0	0.4	55.8	0.4	55.5	0.4	55.3	0.4	55.0	0.4
240	69184	78.9%	0.5%	59.3	0.3	59.0	0.3	58.8	0.3	58.5	0.3	58.2	0.3	58.0	0.3	57.7	0.3	57.5	0.3
250	69661	79.5%	0.5%	61.8	0.3	61.6	0.3	61.3	0.3	61.0	0.3	60.7	0.3	60.5	0.3	60.2	0.3	59.9	0.3
260	70116	80.0%	0.5%	64.4	0.3	64.1	0.3	63.8	0.3	63.5	0.3	63.2	0.3	62.9	0.3	62.6	0.3	62.4	0.3
270	70543	80.5%	0.5%	66.9	0.3	66.6	0.3	66.3	0.3	66.0	0.3	65.7	0.3	65.4	0.3	65.1	0.3	64.8	0.3
280	71011	81.0%	0.5%	69.4	0.4	69.1	0.4	68.8	0.4	68.5	0.4	68.2	0.4	67.9	0.4	67.5	0.4	67.2	0.4
290	71444	81.5%	0.5%	71.9	0.4	71.6	0.4	71.3	0.4	71.0	0.4	70.6	0.3	70.3	0.3	70.0	0.3	69.7	0.3
300	71860	82.0%	0.5%	74.4	0.4	74.1	0.4	73.8	0.4	73.4	0.3	73.1	0.3	72.8	0.3	72.5	0.3	72.1	0.3
310	72244	82.4%	0.4%	77.0	0.3	76.6	0.3	76.3	0.3	75.9	0.3	75.6	0.3	75.3	0.3	74.9	0.3	74.6	0.3
320	72638	82.9%	0.4%	79.5	0.4	79.1	0.4	78.8	0.4	78.4	0.4	78.1	0.4	77.7	0.3	77.4	0.3	77.0	0.3
330	73025	83.3%	0.4%	82.0	0.4	81.7	0.4	81.3	0.4	80.9	0.4	80.6	0.4	80.2	0.4	79.8	0.4	79.5	0.4
340	73374	83.7%	0.4%	84.5	0.3	84.2	0.3	83.8	0.3	83.4	0.3	83.0	0.3	82.7	0.3	82.3	0.3	81.9	0.3
350	73764	84.1%	0.4%	87.1	0.4	86.7	0.4	86.3	0.4	85.9	0.4	85.5	0.4	85.1	0.4	84.7	0.4	84.4	0.4
360	74098	84.5%	0.4%	89.6	0.3	89.2	0.3	88.8	0.3	88.4	0.3	88.0	0.3	87.6	0.3	87.2	0.3	86.8	0.3
370	74410	84.9%	0.4%	92.1	0.3	91.7	0.3	91.3	0.3	90.9	0.3	90.5	0.3	90.1	0.3	89.7	0.3	89.3	0.3
380	74724	85.2%	0.4%	94.6	0.3	94.2	0.3	93.8	0.3	93.4	0.3	92.9	0.3	92.5	0.3	92.1	0.3	91.7	0.3
390	75049	85.6%	0.4%	97.2	0.4	96.7	0.4	96.3	0.4	95.9	0.4	95.4	0.4	95.0	0.4	94.6	0.4	94.1	0.3
400	75333	85.9%	0.3%	99.7	0.3	99.2	0.3	98.8	0.3	98.3	0.3	97.9	0.3	97.5	0.3	97.0	0.3	96.6	0.3
410	75638	86.3%	0.3%	102.2	0.4	101.7	0.4	101.3	0.4	100.8	0.4	100.4	0.3	99.9	0.3	99.5	0.3	99.0	0.3
420	75945	86.6%	0.4%	104.7	0.4	104.3	0.4	103.8	0.4	103.3	0.4	102.9	0.4	102.4	0.4	101.9	0.4	101.5	0.4
430	76266	87.0%	0.4%	107.3	0.4	106.8	0.4	106.3	0.4	105.8	0.4	105.3	0.4	104.9	0.4	104.4	0.4	103.9	0.4
440	76597	87.4%	0.4%	109.8	0.4	109.3	0.4	108.8	0.4	108.3	0.4	107.8	0.4	107.3	0.4	106.8	0.4	106.4	0.4
450	76935	87.8%	0.4%	112.3	0.4	111.8	0.4	111.3	0.4	110.8	0.4	110.3	0.4	109.8	0.4	109.3	0.4	108.8	0.4

460	77234	88.1%	0.3%	114.8	0.4	114.3	0.4	113.8	0.4	113.3	0.4	112.8	0.4	112.3	0.4	111.8	0.4	111.3	0.4
470	77528	88.4%	0.3%	117.4	0.4	116.8	0.4	116.3	0.4	115.8	0.4	115.3	0.4	114.7	0.4	114.2	0.4	113.7	0.4
480	77787	88.7%	0.3%	119.9	0.4	119.3	0.4	118.8	0.4	118.3	0.3	117.7	0.3	117.2	0.3	116.7	0.3	116.1	0.3
490	78045	89.0%	0.3%	122.4	0.4	121.8	0.4	121.3	0.4	120.8	0.4	120.2	0.4	119.7	0.4	119.1	0.4	118.6	0.3
500	78269	89.3%	0.3%	124.9	0.3	124.4	0.3	123.8	0.3	123.2	0.3	122.7	0.3	122.1	0.3	121.6	0.3	121.0	0.3
510	78537	89.6%	0.3%	127.4	0.4	126.9	0.4	126.3	0.4	125.7	0.4	125.2	0.4	124.6	0.4	124.0	0.4	123.5	0.4
520	78823	89.9%	0.3%	130.0	0.4	129.4	0.4	128.8	0.4	128.2	0.4	127.6	0.4	127.1	0.4	126.5	0.4	125.9	0.4
530	79080	90.2%	0.3%	132.5	0.4	131.9	0.4	131.3	0.4	130.7	0.4	130.1	0.4	129.5	0.4	129.0	0.4	128.4	0.4
540	79368	90.5%	0.3%	135.0	0.4	134.4	0.4	133.8	0.4	133.2	0.4	132.6	0.4	132.0	0.4	131.4	0.4	130.8	0.4
550	79654	90.9%	0.3%	137.5	0.4	136.9	0.4	136.3	0.4	135.7	0.4	135.1	0.4	134.5	0.4	133.9	0.4	133.3	0.4
560	79948	91.2%	0.3%	140.1	0.5	139.4	0.5	138.8	0.5	138.2	0.5	137.6	0.5	136.9	0.5	136.3	0.5	135.7	0.5
570	80223	91.5%	0.3%	142.6	0.4	141.9	0.4	141.3	0.4	140.7	0.4	140.0	0.4	139.4	0.4	138.8	0.4	138.2	0.4
580	80494	91.8%	0.3%	145.1	0.4	144.5	0.4	143.8	0.4	143.2	0.4	142.5	0.4	141.9	0.4	141.2	0.4	140.6	0.4
590	80775	92.1%	0.3%	147.6	0.5	147.0	0.5	146.3	0.5	145.7	0.5	145.0	0.5	144.3	0.5	143.7	0.5	143.0	0.5
600	81065	92.5%	0.3%	150.2	0.5	149.5	0.5	148.8	0.5	148.1	0.5	147.5	0.5	146.8	0.5	146.1	0.5	145.5	0.5
610	81326	92.8%	0.3%	152.7	0.5	152.0	0.5	151.3	0.5	150.6	0.4	150.0	0.4	149.3	0.4	148.6	0.4	147.9	0.4
620	81570	93.0%	0.3%	155.2	0.4	154.5	0.4	153.8	0.4	153.1	0.4	152.4	0.4	151.7	0.4	151.1	0.4	150.4	0.4
630	81799	93.3%	0.3%	157.7	0.4	157.0	0.4	156.3	0.4	155.6	0.4	154.9	0.4	154.2	0.4	153.5	0.4	152.8	0.4
640	82037	93.6%	0.3%	160.3	0.4	159.5	0.4	158.8	0.4	158.1	0.4	157.4	0.4	156.7	0.4	156.0	0.4	155.3	0.4
650	82293	93.9%	0.3%	162.8	0.5	162.0	0.5	161.3	0.5	160.6	0.5	159.9	0.5	159.1	0.5	158.4	0.5	157.7	0.5
660	82532	94.1%	0.3%	165.3	0.5	164.6	0.4	163.8	0.4	163.1	0.4	162.3	0.4	161.6	0.4	160.9	0.4	160.2	0.4
670	82749	94.4%	0.2%	167.8	0.4	167.1	0.4	166.3	0.4	165.6	0.4	164.8	0.4	164.1	0.4	163.3	0.4	162.6	0.4
680	82983	94.7%	0.3%	170.3	0.5	169.6	0.5	168.8	0.5	168.1	0.4	167.3	0.4	166.5	0.4	165.8	0.4	165.1	0.4
690	83188	94.9%	0.2%	172.9	0.4	172.1	0.4	171.3	0.4	170.5	0.4	169.8	0.4	169.0	0.4	168.3	0.4	167.5	0.4
700	83391	95.1%	0.2%	175.4	0.4	174.6	0.4	173.8	0.4	173.0	0.4	172.3	0.4	171.5	0.4	170.7	0.4	169.9	0.4
710	83588	95.3%	0.2%	177.9	0.4	177.1	0.4	176.3	0.4	175.5	0.4	174.7	0.4	174.0	0.4	173.2	0.4	172.4	0.4
720	83758	95.5%	0.2%	180.4	0.3	179.6	0.3	178.8	0.3	178.0	0.3	177.2	0.3	176.4	0.3	175.6	0.3	174.8	0.3
730	83964	95.8%	0.2%	183.0	0.4	182.1	0.4	181.3	0.4	180.5	0.4	179.7	0.4	178.9	0.4	178.1	0.4	177.3	0.4
740	84138	96.0%	0.2%	185.5	0.4	184.7	0.4	183.8	0.4	183.0	0.4	182.2	0.4	181.4	0.4	180.5	0.4	179.7	0.4
750	84319	96.2%	0.2%	188.0	0.4	187.2	0.4	186.3	0.4	185.5	0.4	184.7	0.4	183.8	0.4	183.0	0.4	182.2	0.4
760	84495	96.4%	0.2%	190.5	0.4	189.7	0.4	188.8	0.4	188.0	0.4	187.1	0.4	186.3	0.4	185.5	0.4	184.6	0.4
770	84694	96.6%	0.2%	193.1	0.4	192.2	0.4	191.3	0.4	190.5	0.4	189.6	0.4	188.8	0.4	187.9	0.4	187.1	0.4
780	84883	96.8%	0.2%	195.6	0.4	194.7	0.4	193.8	0.4	193.0	0.4	192.1	0.4	191.2	0.4	190.4	0.4	189.5	0.4
790	85066	97.0%	0.2%	198.1	0.4	197.2	0.4	196.3	0.4	195.4	0.4	194.6	0.4	193.7	0.4	192.8	0.4	192.0	0.4
800	85230	97.2%	0.2%	200.6	0.4	199.7	0.4	198.8	0.4	197.9	0.4	197.0	0.4	196.2	0.4	195.3	0.4	194.4	0.4
810	85398	97.4%	0.2%	203.2	0.4	202.2	0.4	201.3	0.4	200.4	0.4	199.5	0.4	198.6	0.4	197.7	0.4	196.8	0.4
820	85548	97.6%	0.2%	205.7	0.4	204.8	0.4	203.8	0.3	202.9	0.3	202.0	0.3	201.1	0.3	200.2	0.3	199.3	0.3
830	85724	97.8%	0.2%	208.2	0.4	207.3	0.4	206.3	0.4	205.4	0.4	204.5	0.4	203.6	0.4	202.6	0.4	201.7	0.4
840	85870	97.9%	0.2%	210.7	0.4	209.8	0.3	208.8	0.3	207.9	0.3	207.0	0.3	206.0	0.3	205.1	0.3	204.2	0.3
850	85995	98.1%	0.1%	213.3	0.3	212.3	0.3	211.3	0.3	210.4	0.3	209.4	0.3	208.5	0.3	207.6	0.3	206.6	0.3
860	86171	98.3%	0.2%	215.8	0.4	214.8	0.4	213.8	0.4	212.9	0.4	211.9	0.4	211.0	0.4	210.0	0.4	209.1	0.4
870	86349	98.5%	0.2%	218.3	0.4	217.3	0.4	216.3	0.4	215.4	0.4	214.4	0.4	213.4	0.4	212.5	0.4	211.5	0.4
880	86485	98.6%	0.2%	220.8	0.3	219.8	0.3	218.8	0.3	217.9	0.3	216.9	0.3	215.9	0.3	214.9	0.3	214.0	0.3
890	86628	98.8%	0.2%	223.3	0.4	222.3	0.4	221.3	0.4	220.3	0.4	219.4	0.4	218.4	0.4	217.4	0.4	216.4	0.4
900	86761	99.0%	0.2%	225.9	0.3	224.9	0.3	223.8	0.3	222.8	0.3	221.8	0.3	220.8	0.3	219.8	0.3	218.8	0.3
910	86904	99.1%	0.2%	228.4	0.4	227.4	0.4	226.3	0.4	225.3	0.4	224.3	0.4	223.3	0.4	222.3	0.4	221.3	0.4
920	87028	99.3%	0.1%	230.9	0.3	229.9	0.3	228.8	0.3	227.8	0.3	226.8	0.3	225.8	0.3	224.8	0.3	223.7	0.3
930	87147	99.4%	0.1%	233.4	0.3	232.4	0.3	231.3	0.3	230.3	0.3	229.3	0.3	228.2	0.3	227.2	0.3	226.2	0.3
940	87248	99.5%	0.1%	236.0	0.3	234.9	0.3	233.8	0.3	232.8	0.3	231.7	0.3	230.7	0.3	229.7	0.3	228.6	0.3
950	87337	99.6%	0.1%	238.5	0.2	237.4	0.2	236.3	0.2	235.3	0.2	234.2	0.2	233.2	0.2	232.1	0.2	231.1	0.2
960	87418	99.7%	0.1%	240.0	0.2	239.9	0.2	238.8	0.2	237.8	0.2	236.7	0.2	235.6	0.2	234.6	0.2	233.5	0.2
970	87479	99.8%	0.1%	240.0	0.2	240.0	0.2	240.0	0.2	240.0	0.2	239.2	0.2	238.1	0.2	237.0	0.2	236.0	0.2
980	87532	99.8%	0.1%	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	239.5	0.1	238.4	0.1
990	87577	99.9%	0.1%	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1	240.0	0.1
1000	87671	100.0%	0.1%	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3	240.0	0.3

Appendix C Q5.0.4 DMMO Application Map Evidence

FORM A

Lincolnshire COUNTY COUNCIL
Working for a better future

APPLICATION FOR A MODIFICATION ORDER

WILDLIFE AND COUNTRYSIDE ACT 1981
DEFINITIVE MAP MODIFICATION ORDERS

(This form to be completed by the applicant and returned to Lincolnshire County Council)

To: Definitive Map Officer, Lincolnshire County Council, Countryside Services, County Offices, Newland, Lincoln, LN1 1YL

APPLICATION

I/We C. Reynolds

of [redacted] Postcode [redacted]

hereby apply for an order under Section 53 of the Wildlife and Countryside Act, 1981, to modify the Definitive Map and Statement for the area by:

**(Delete any of the following sections which do not apply)*

*Deleting the footpath / bridleway / restricted byway / byway open to all traffic (delete as appropriate)

From.....To.....

Parish of.....Parish of.....

OR

*Adding the ~~footpath / bridleway~~ / restricted byway / ~~byway open to all traffic~~ (delete as appropriate)

From TF 0638 1310 To TF 0649 1225

Parish of Braceborough Parish of Braceborough

OR

*Upgrading / Downgrading the footpath / bridleway / restricted byway / byway open to all traffic **to a** footpath / bridleway / restricted byway / byway open to all traffic (delete as appropriate)

From.....To.....

Parish of.....Parish of.....

OR

*Varying the particulars of the footpath / bridleway / restricted byway / byway open to all traffic (delete as appropriate)

From.....To.....

Parish of.....Parish of.....

By amending to.....

.....

AND shown on the map attached to this form.

IMPORTANT: PLEASE READ

Legislation requires the County Council to keep a register of Definitive Map Modification Order ("DMMO") applications, and to make this available for inspection by the public on its website and at its offices. For each application the register must contain, amongst other details, a copy of the Application Form and details of the Applicant's name and address. The County Council will redact the signature of the Applicant on all DMMO documents published on its website. However, should the Applicant believe that the inclusion or retention of their name and address on the register would, or would be likely to, cause substantial unwarranted damage or distress to the Applicant or to another person, and has satisfied the Council that this is the case, the Council will exclude (or remove) their name and address from any documents contained, or to be contained, on the register.

PERSONAL DATA

Please refer to the Customer Privacy Notice (available at www.lincolnshire.gov.uk/privacy) for information on how the County Council processes your personal data. If you need this information in an alternative format, please contact the section on 01522 782070 or by email at countryside_access@lincolnshire.gov.uk

SUPPORTING EVIDENCE

I / We attach copies of the documentary and / or user evidence in support of this application, as listed below.

Signed [redacted] **Date** 17 November 2021

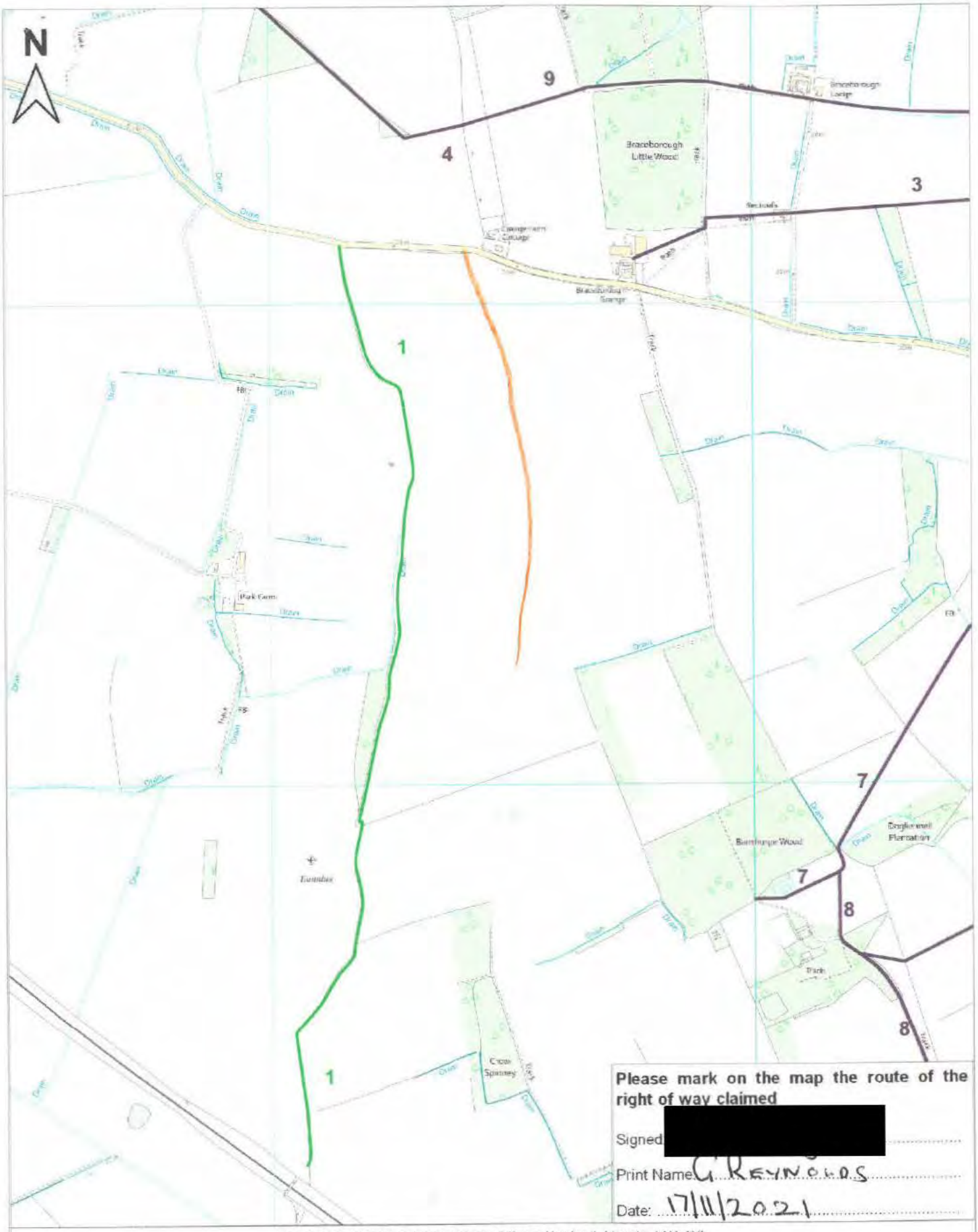
User Evidence

I enclose 0 User Evidence Forms in support of this application.

AND / OR (delete as appropriate)

Documentary Evidence (please list below)

Link to Mallard Pass Solar Farm 30 pages
Braceborough Enclosure Award and Plan
Act Braceborough
The Braceborough History Project
Greenwood Map
OS 1inch 1946
OS 6inch 1887
OS 25inch 1887
OS 1:25,000 1949
Survey of Rights of Way
Google Street View
map Solar Farm
Greatford Enclosure Plan.
Inspire
Google Satellite
Conclusions



Please mark on the map the route of the right of way claimed

Signed [redacted]

Print Name G. REYNOLDS

Date: 17/11/2021

Lincolnshire County Council, County Offices, Newland, Lincoln, LN1 1YL

Lincolnshire COUNTY COUNCIL
Working for a better future

Application Plan
Braceborough and Wilsthorpe

Scale: 1:10,000 @ A4

Legend

- Public Footpath
- Public Bridleway
- Restricted Byway
- Byway Open to All Traffic

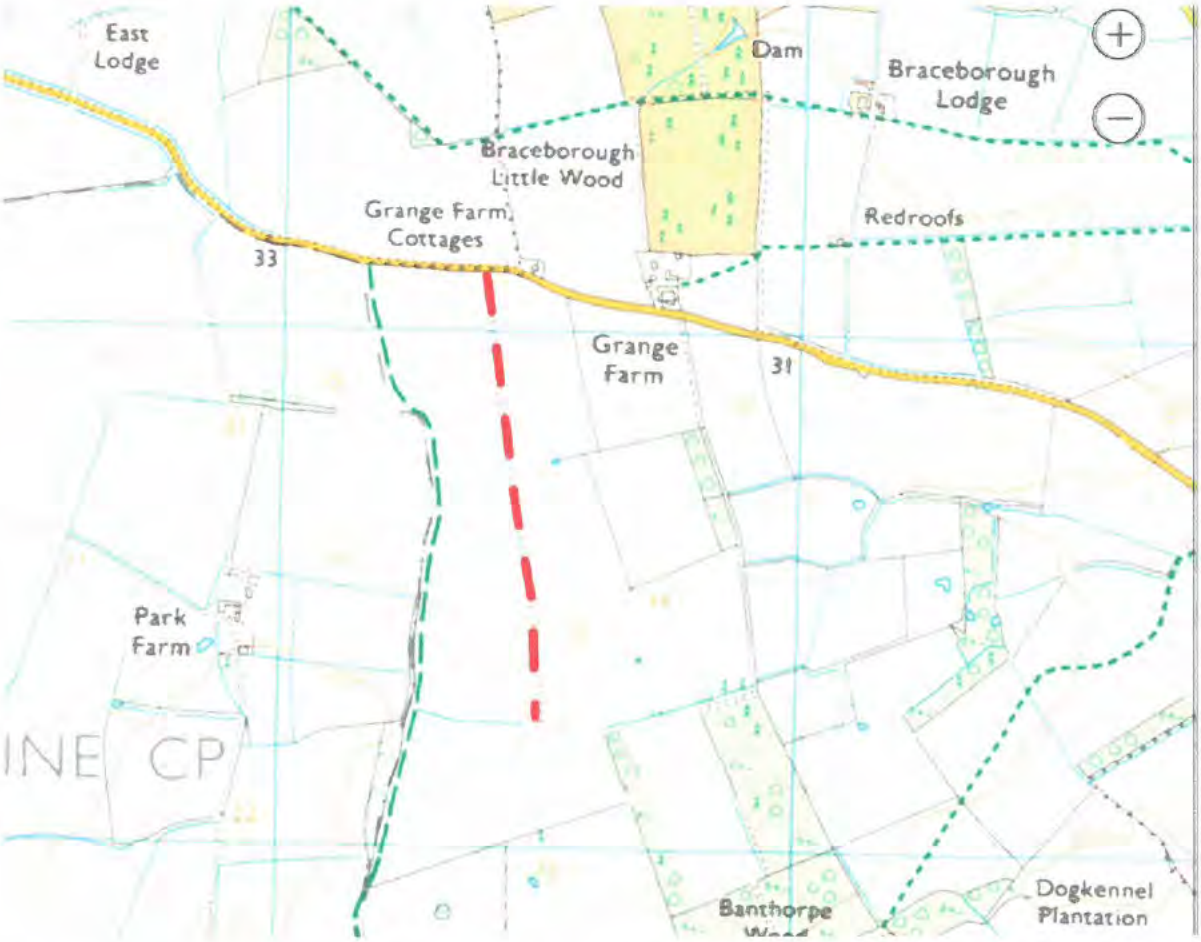
Wildlife and Countryside Act 1981. 17 November 2021

Applicant's Reference Lin-0395 Gravel Pit Road, extending from Carlby Road in a southerly direction to an allotment awarded for a public gravel pit in Mickley Field. *Mickley meaning large piece of land.

[redacted]

I believe this application will pass the planned Preliminary Assessment Test required by para 2 Sch 13A Wildlife and Countryside Act 1981 as per the evidence listed below.

Summary of Evidence for the addition of a **restricted byway** from TF06381310 to TF06491225 approximate in the parish of Braceborough.



Map produced from extracts of Ordnance Survey 1:25000 scale mapping. When printed on A4 paper, the scale will be not less than 1;25000 and thus meets the requirements of regulation 2 and regulation 8(2) of The Wildlife and Countryside (Definitive Maps and Statements) Regulations 1993.

The claimed route is not on the Lincolnshire Countryside Access Map or the List of Streets.

Of note the potential Solar Farm, please see link below

https://www.mallardpasssolar.co.uk/

Proposals are being made to build a solar farm on this land.

The claimed route is of historical significance.

Mallard Pass state they "will support green spaces that connect habitats, enhance biodiversity and **link recreational routes**".

Braceborough Enclosure Award and Plan

Braceborough Enclosure Award and Plans

Date: 4 Feb 1817 | Collection: Lincolnshire Archives

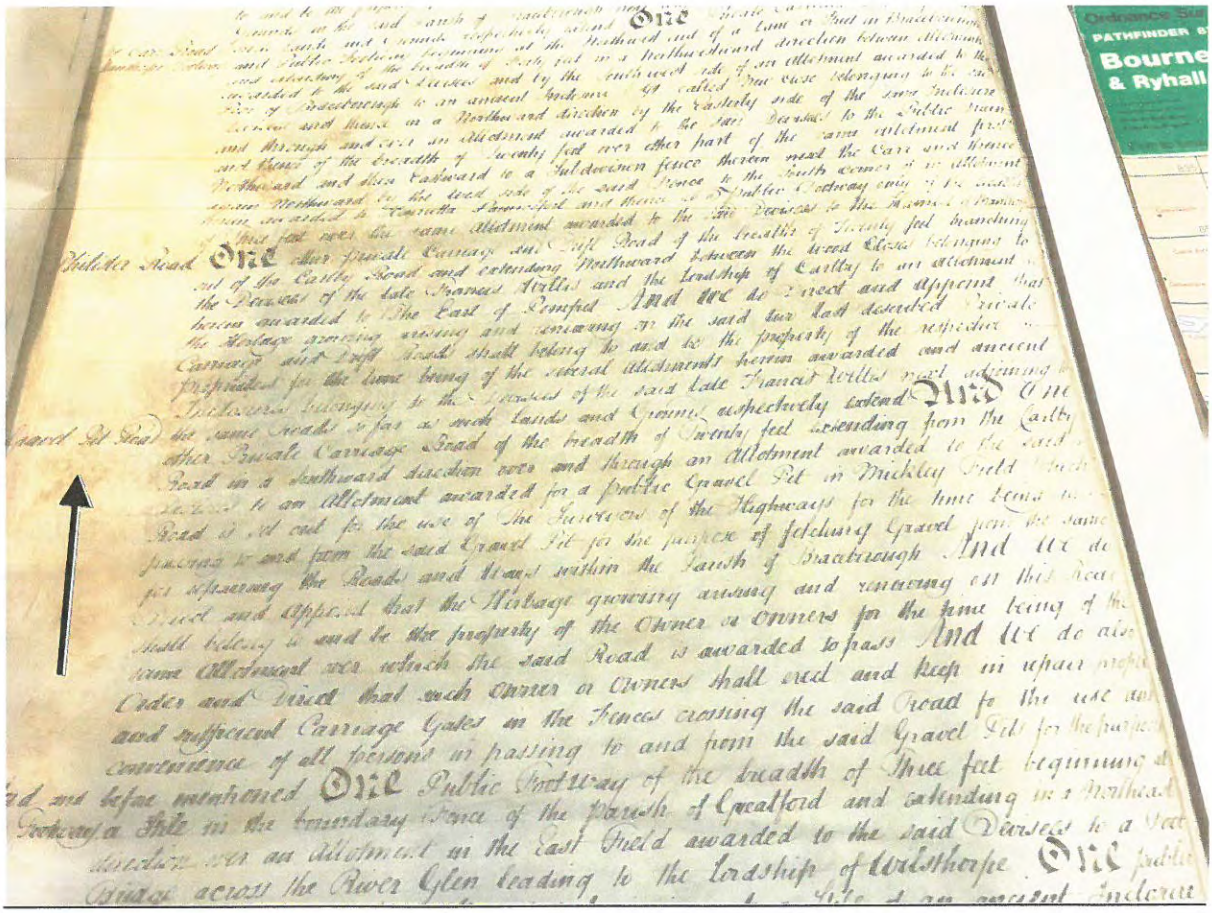
Reference: KESTEVEN AWARD/14

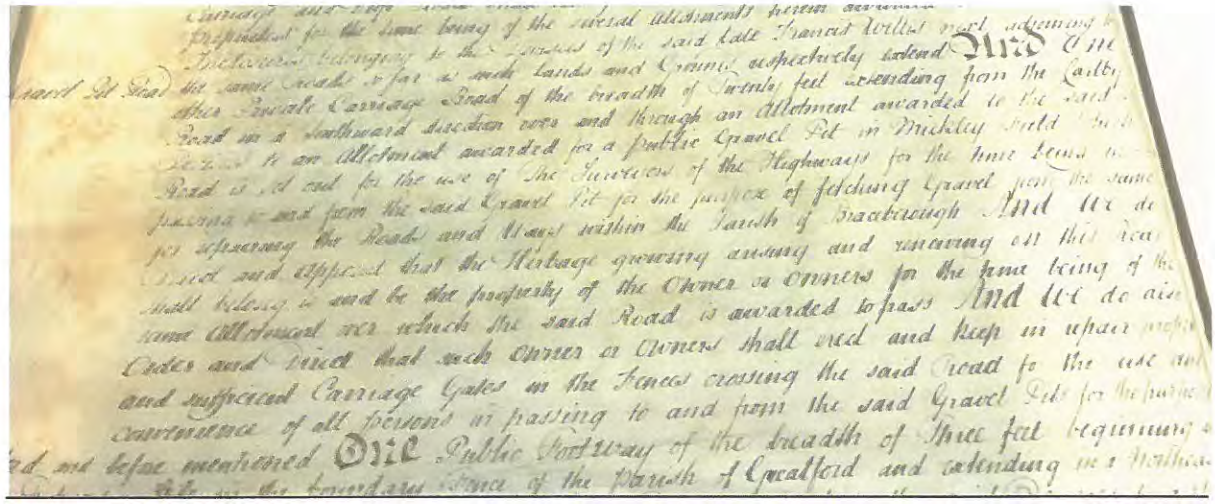
Religion and Beliefs

An Act for dividing, allotting, and inclosing the open fields, pastures, wastes, and other uninclosed lands and grounds in the parish of Braceborough, co Linc, and for making compensation for the tith

Date: 1800 | Collection: Lincolnshire Archives

Reference: DIOC/LDAP/5/10

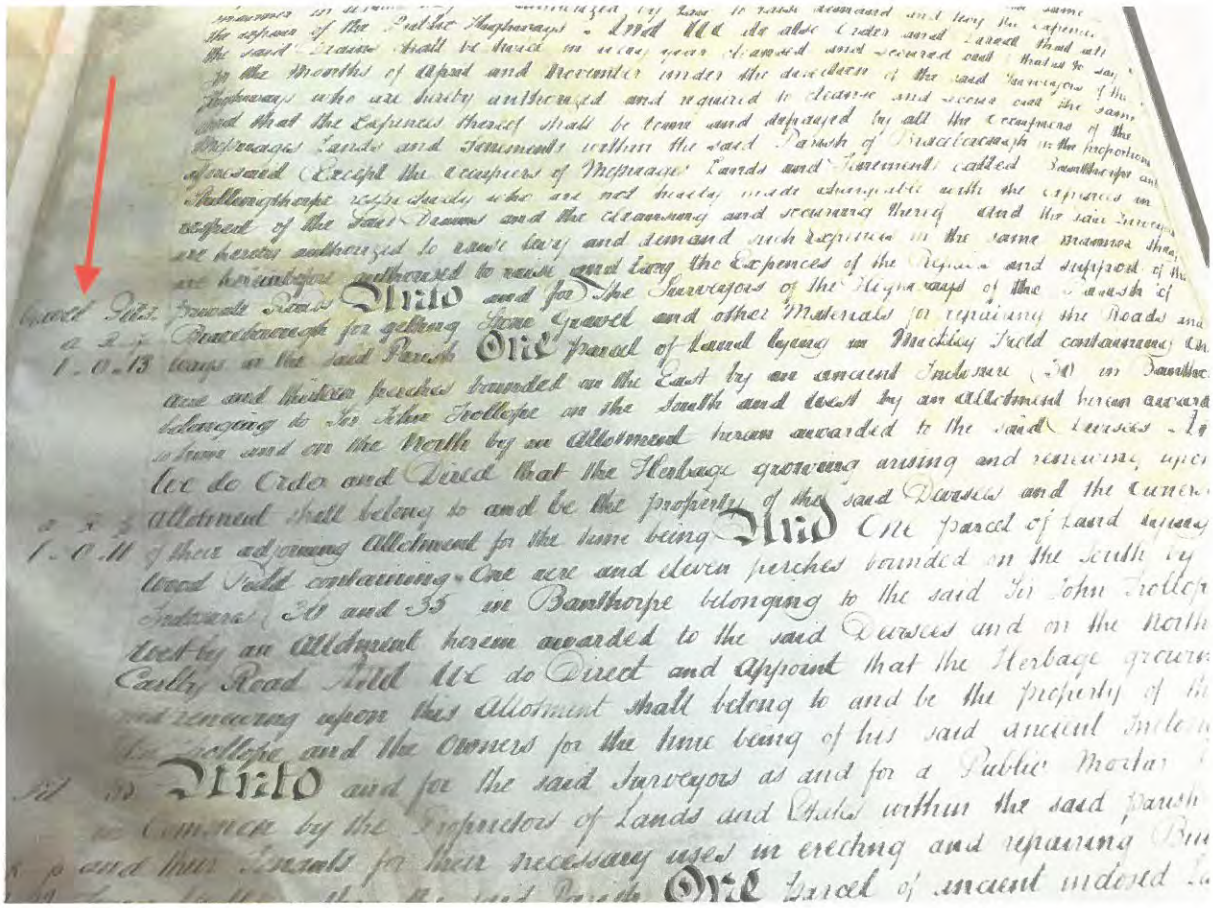

Ordnance Sur
PATHFINDER
Bourne
& Ryhall



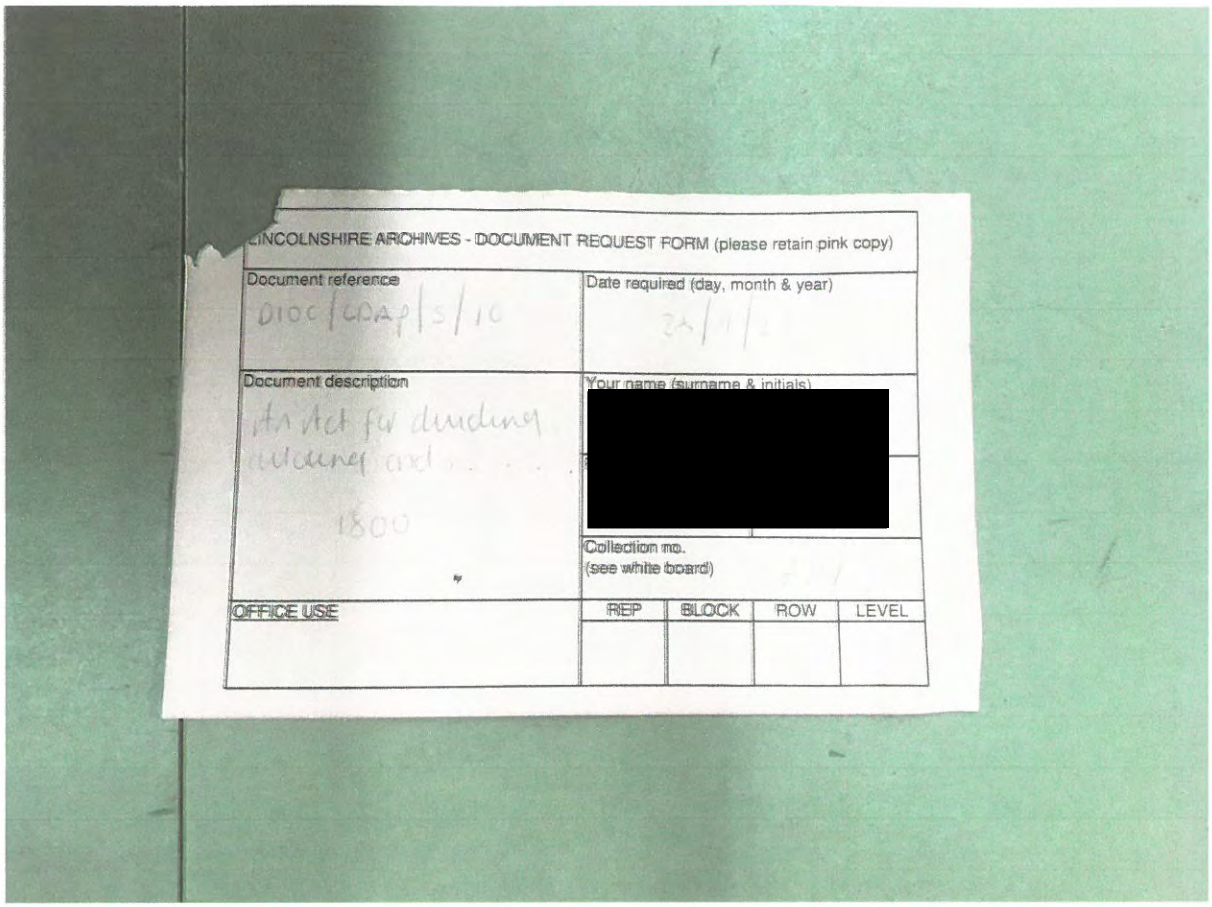
AND one other Private Carriage Road of the breadth of Twenty feet extending from the Carlby Road in a Southward direction over and through an allotment awarded to the said Devisees to an allotment awarded for a public gravel pit in Mickley Field which road is set out for the use of The Surveyors of the Highways for the time being in passing to and from the said Gravel Pit for the purpose of fetching gravel from the same for repairing the Roads and Ways within the Parish of Braceborough And we do Direct and Appoint that the Herbage growing arising and renewing on this Road shall belong to and be the property of the Owner or Owners for the time being of the same Allotment over which the said Road is awarded to pass And we do also Order and Direct that such owner or owners shall erect and keep in repair proper and sufficient Carriage Gates in the Fences crossing the said Road for the use and convenience of all persons in passing to and from the said Gravel Pits for the purpose before mentioned.

Showing “Road” to Gravel Pit 1 0 13

“Road” is coloured as per Carlby Road and the public Bridle Road to the west.



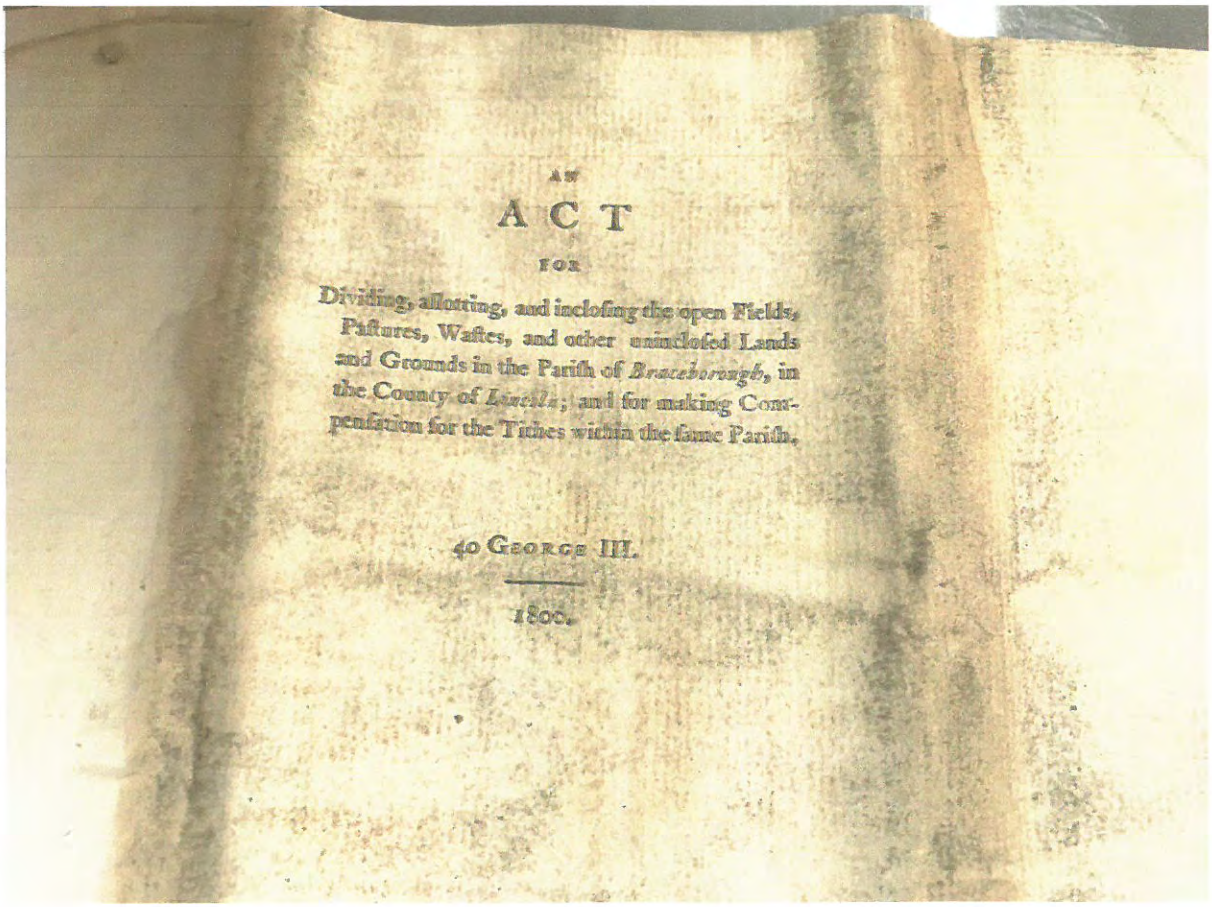
"and for the Surveyors of the Highways of the Parish of Braceborough for getting Stone Gravel and other materials for repairing the Roads and ways in the said Parish ONE parcel of land lying in Mickley Field containing (*one ?)* acre and thirteen perches bounded on the East by an ancient Inclosure (30) in Banthorpe belonging to Sir John Trollope on the South and West by an allotment herein awarded …"



LINCOLNSHIRE ARCHIVES - DOCUMENT REQUEST FORM (please retain pink copy)

Document reference	Date required (day, month & year)
DIOC/COAP/5/10	24/7/
Document description	**Your name (surname & initials)**
An Act for dividing [illegible] 1800	[redacted]
	Collection no. (see white board)

OFFICE USE	REP	BLOCK	ROW	LEVEL



AN

ACT

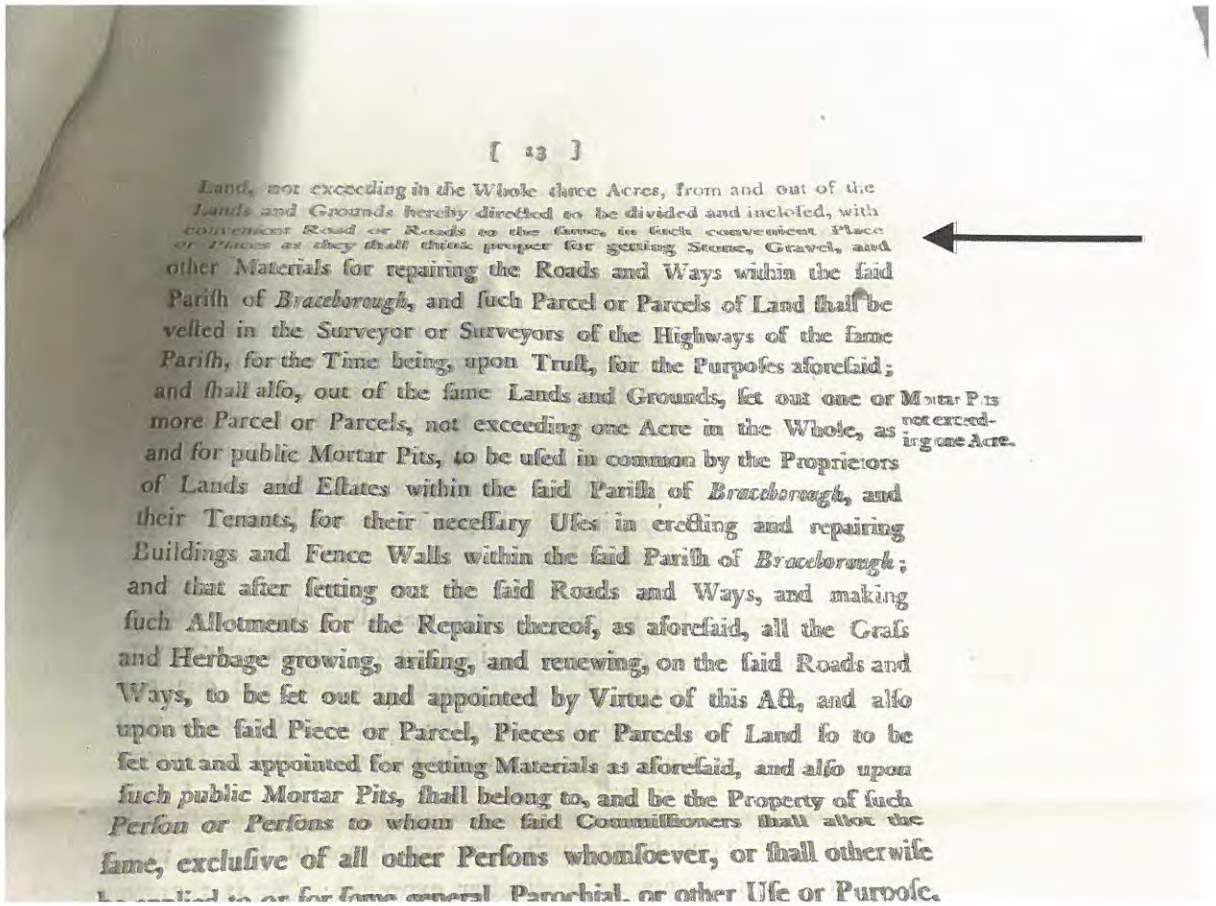
FOR

Dividing, allotting, and inclosing the open Fields, Paſtures, Waſtes, and other unincloſed Lands and Grounds in the Pariſh of *Braceborough*, in the County of *Lincoln*; and for making Compenſation for the Tithes within the ſame Pariſh.

40 GEORGE III.

1800.

Page 13 The Act.

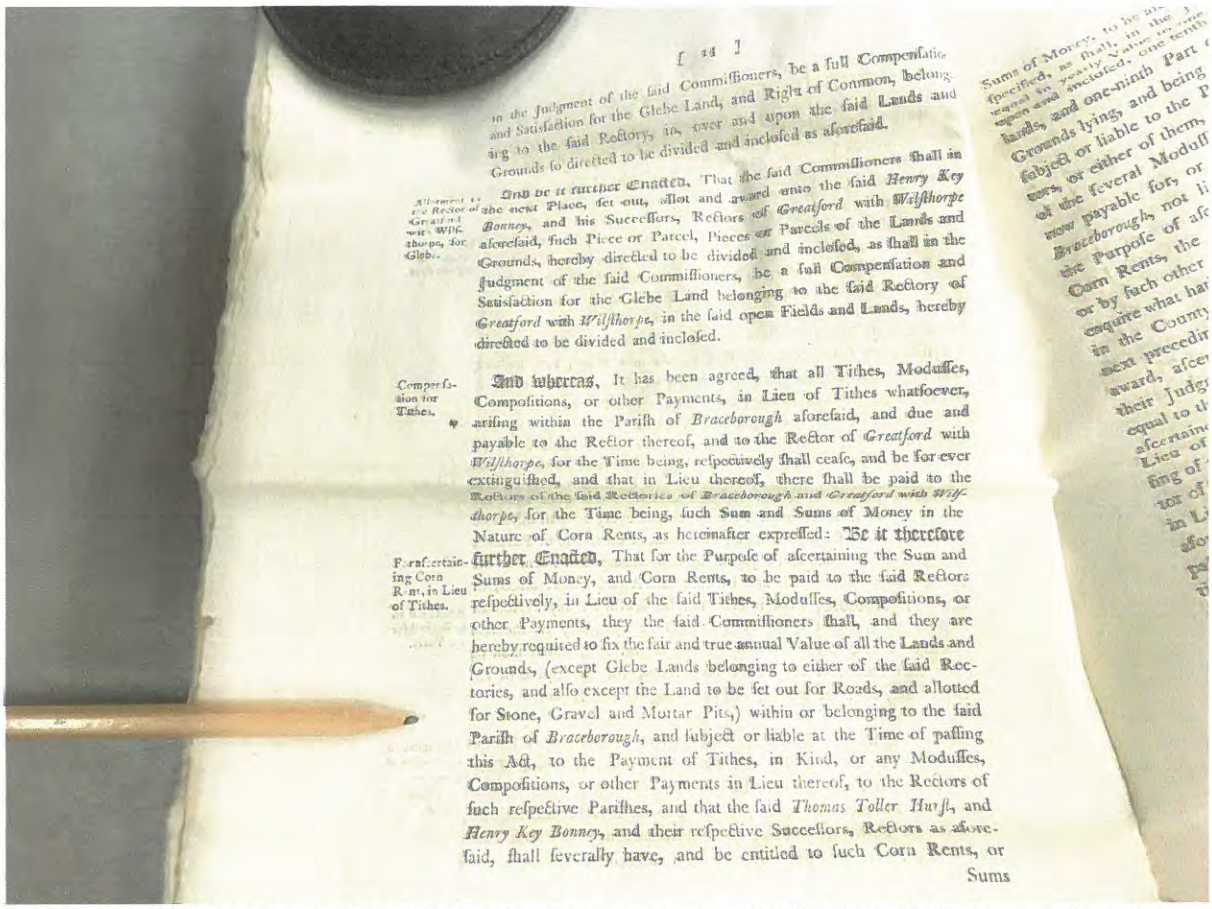


[13]

Land, not exceeding in the Whole three Acres, from and out of the Lands and Grounds hereby directed to be divided and inclofed, with convenient Road or Roads to the fame, in fuch convenient Place or Places as they fhall think proper for getting Stone, Gravel, and other Materials for repairing the Roads and Ways within the faid Parifh of *Braceborough*, and fuch Parcel or Parcels of Land fhall be veſted in the Surveyor or Surveyors of the Highways of the fame Parifh, for the Time being, upon Truſt, for the Purpoſes aforeſaid; and fhall alſo, out of the fame Lands and Grounds, ſet out one or more Parcel or Parcels, not exceeding one Acre in the Whole, as and for public Mortar Pits, to be uſed in common by the Proprietors of Lands and Eſtates within the ſaid Parifh of *Braceborough*, and their Tenants, for their neceſſary Uſes in erecting and repairing Buildings and Fence Walls within the ſaid Parifh of *Braceborough*; and that after ſetting out the ſaid Roads and Ways, and making ſuch Allotments for the Repairs thereof, as aforeſaid, all the Graſs and Herbage growing, ariſing, and renewing, on the ſaid Roads and Ways, to be ſet out and appointed by Virtue of this Act, and alſo upon the ſaid Piece or Parcel, Pieces or Parcels of Land ſo to be ſet out and appointed for getting Materials as aforeſaid, and alſo upon ſuch public Mortar Pits, ſhall belong to, and be the Property of ſuch Perſon or Perſons to whom the ſaid Commiſſioners ſhall allot the ſame, excluſive of all other Perſons whomſoever, or ſhall otherwiſe be applied to or for ſome general Parochial or other Uſe or Purpoſe.

Mortar Pits not exceeding one Acre.

"Land, not exceeding in the Whole three Acres, from and out of the Lands and Grounds hereby directed to be divided and inclofed, with convenient Road or Roads to the fame, in fuch convenient Place or Places as they fhall think proper for getting Stone, Gravel, and other Materials for repairing the Roads and ways within the fair Parifh of Braceborough…"



[14]

in the Judgment of the ſaid Commiſſioners, be a full Compenſation and Satisfaction for the Glebe Land, and Right of Common, belonging to the ſaid Rectory, in, over and upon the ſaid Lands and Grounds ſo directed to be divided and incloſed as aforeſaid.

Allotment to the Rector of Greatford with Wilſthorpe, for Glebe.

And be it further Enacted, That the ſaid Commiſſioners ſhall in the next Place, ſet out, allot and award unto the ſaid *Henry Key Bonney*, and his Succeſſors, Rectors of *Greatford* with *Wilſthorpe* aforeſaid, ſuch Piece or Parcel, Pieces or Parcels of the Lands and Grounds, hereby directed to be divided and incloſed, as ſhall in the Judgment of the ſaid Commiſſioners, be a full Compenſation and Satisfaction for the Glebe Land belonging to the ſaid Rectory of *Greatford* with *Wilſthorpe*, in the ſaid open Fields and Lands, hereby directed to be divided and incloſed.

Compenſation for Tithes.

And whereas, It has been agreed, that all Tithes, Moduſſes, Compoſitions, or other Payments, in Lieu of Tithes whatſoever, ariſing within the Pariſh of *Braceborough* aforeſaid, and due and payable to the Rector thereof, and to the Rector of *Greatford* with *Wilſthorpe*, for the Time being, reſpectively ſhall ceaſe, and be for ever extinguiſhed, and that in Lieu thereof, there ſhall be paid to the Rectors of the ſaid Rectories of *Braceborough* and *Greatford* with *Wilſthorpe*, for the Time being, ſuch Sum and Sums of Money in the Nature of Corn Rents, as hereinafter expreſſed: Be it therefore

For aſcertaining Corn Rent, in Lieu of Tithes.

further Enacted, That for the Purpoſe of aſcertaining the Sum and Sums of Money, and Corn Rents, to be paid to the ſaid Rectors reſpectively, in Lieu of the ſaid Tithes, Moduſſes, Compoſitions, or other Payments, they the ſaid Commiſſioners ſhall, and they are hereby required to fix the fair and true annual Value of all the Lands and Grounds, (except Glebe Lands belonging to either of the ſaid Rectories, and alſo except the Land to be ſet out for Roads, and allotted for Stone, Gravel and Mortar Pits,) within or belonging to the ſaid Pariſh of *Braceborough*, and ſubject or liable at the Time of paſſing this Act, to the Payment of Tithes, in Kind, or any Moduſſes, Compoſitions, or other Payments in Lieu thereof, to the Rectors of ſuch reſpective Pariſhes, and that the ſaid *Thomas Toller Hurſt*, and *Henry Key Bonney*, and their reſpective Succeſſors, Rectors as aforeſaid, ſhall ſeverally have, and be entitled to ſuch Corn Rents, or

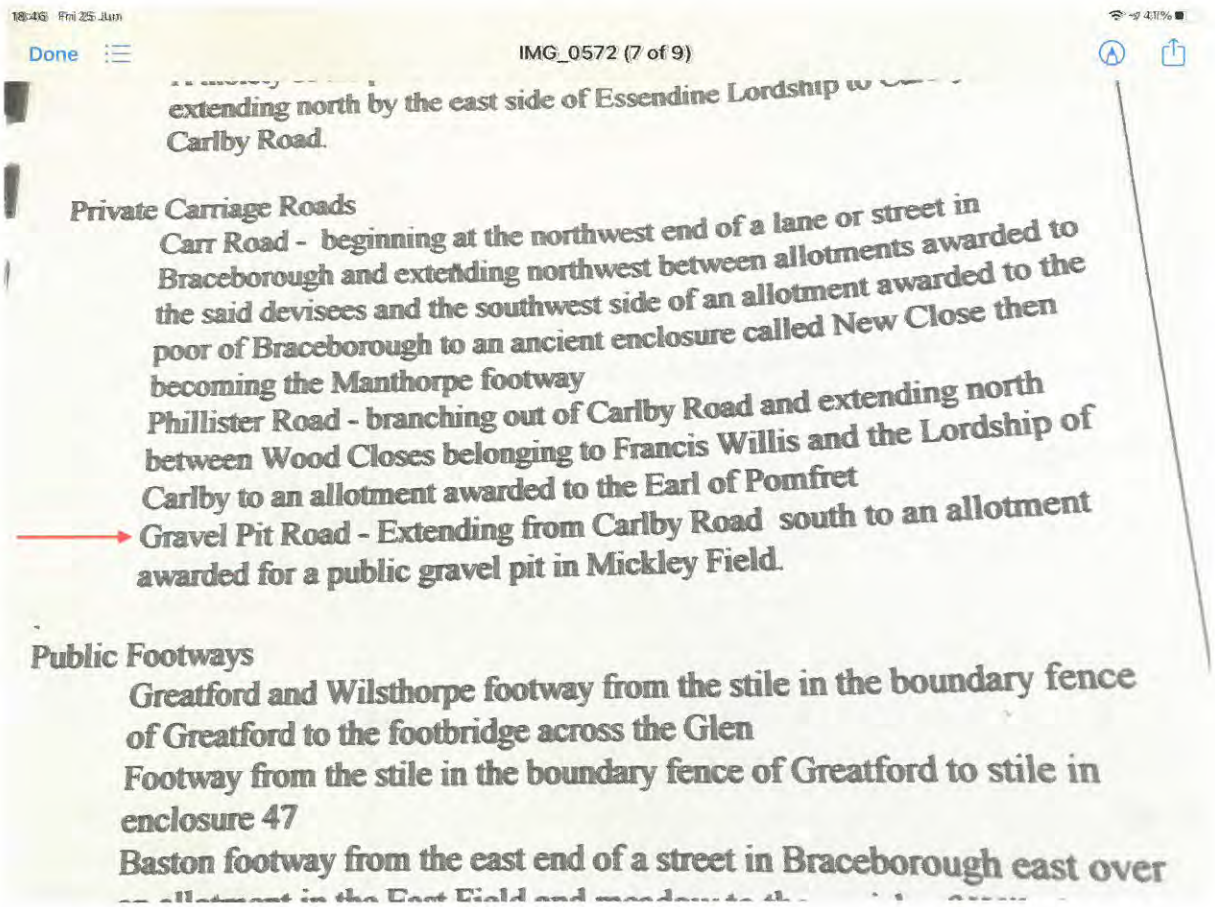
Sums

"..and they are hereby required to fix the fair and true annual Value of all the Lands and Grounds, (except Glebe Lands belonging to either of the faid Rectories, alfo except the Land to be fet out for Roads, and allotted for Stone, Gravel and Mortar Pits,) within or belonging to the faid Parifh of Braceborough ..."

The Braceborough History Project, D.R. Titchen. Summary of The Act.

Page 83, lists Gravel Pit Road as a Private Carriage Road "Extending from Carlby Road south to an allotment awarded for a **public** gravel pit in Mickley Field".*

*Braceborough History Project, page 192. Meaning "Mickley" = a large piece of land.



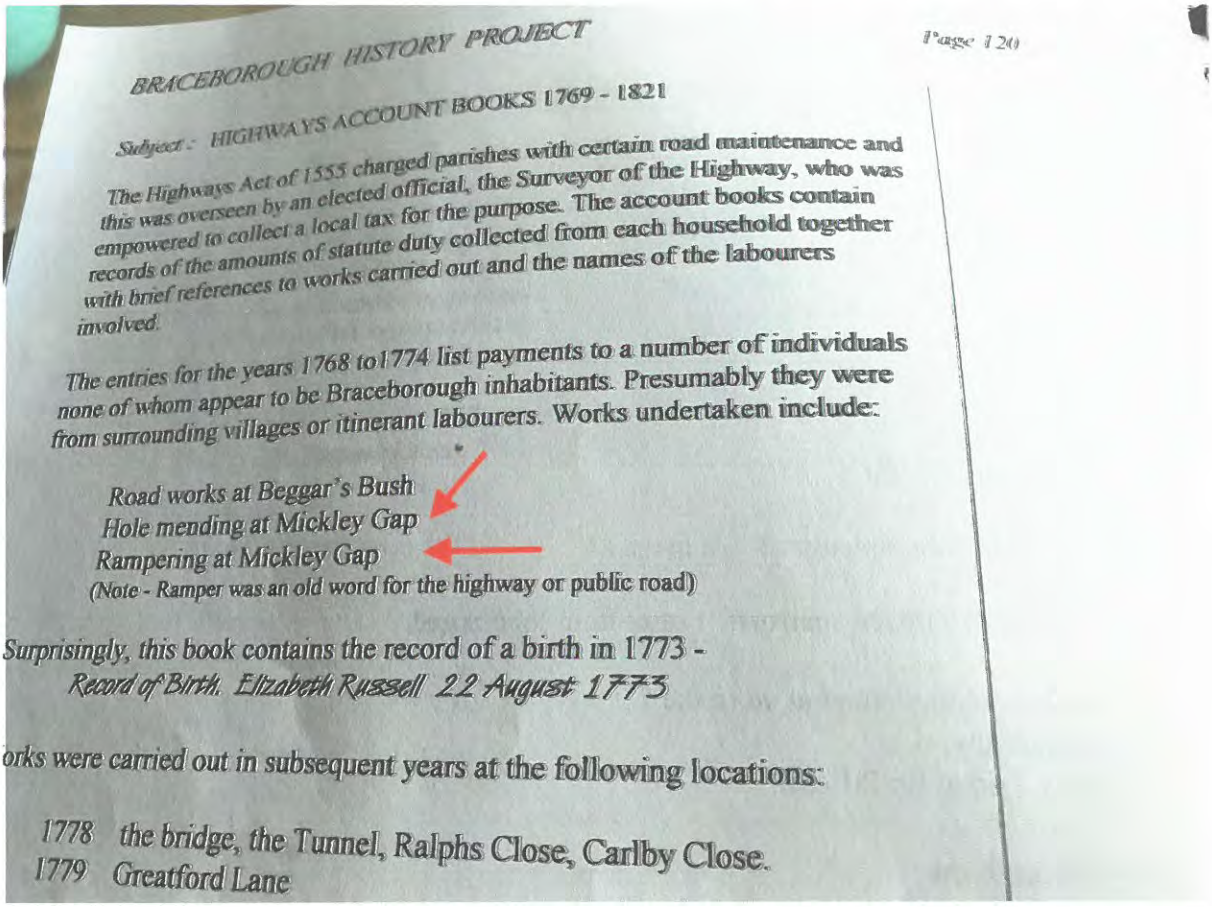
Page 120 below. Highways Account Books 1769 – 1821

"The Highways Act of 1555 charged parishes with certain road maintenance and this was overseen by an elected official, the Surveyor of the Highway, who was empowered to collect a local tax for the purpose. The account books contain records of the amounts of statute duty collected from each household together with brief references to works carried out and the names of the labourers involved.

The entries for the years 1768 to 1774 list payments to a number of individuals none of whom appear to be Braceborough inhabitants. Presumably they were from surrounding villages or itinerant labourers. Works undertaken include:

Road works at Beggar's Bush
Hole mending at Mickley Gap
Rampering at Mickley Gap"

Mickley Gap hole mending and rampering were funded by the parish.



BRACEBOROUGH HISTORY PROJECT

Page 120

Subject:- HIGHWAYS ACCOUNT BOOKS 1769 - 1821

The Highways Act of 1555 charged parishes with certain road maintenance and this was overseen by an elected official, the Surveyor of the Highway, who was empowered to collect a local tax for the purpose. The account books contain records of the amounts of statute duty collected from each household together with brief references to works carried out and the names of the labourers involved.

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Road works at Beggar's Bush
Hole mending at Mickley Gap
Rampering at Mickley Gap
(Note - Ramper was an old word for the highway or public road)

Surprisingly, this book contains the record of a birth in 1773 -
Record of Birth. Elizabeth Russell 22 August 1773

orks were carried out in subsequent years at the following locations:

1778 the bridge, the Tunnel, Ralphs Close, Carlby Close.
1779 Greatford Lane

Above referencing "Hole mending at Mickley Gap" and "Rampering at Mickley Gap". "Note – Ramper was an old word for the highway or public road).

Gap meaning in old English "an empty space".

https://en.wiktionary.org/wiki/gap#Related_terms

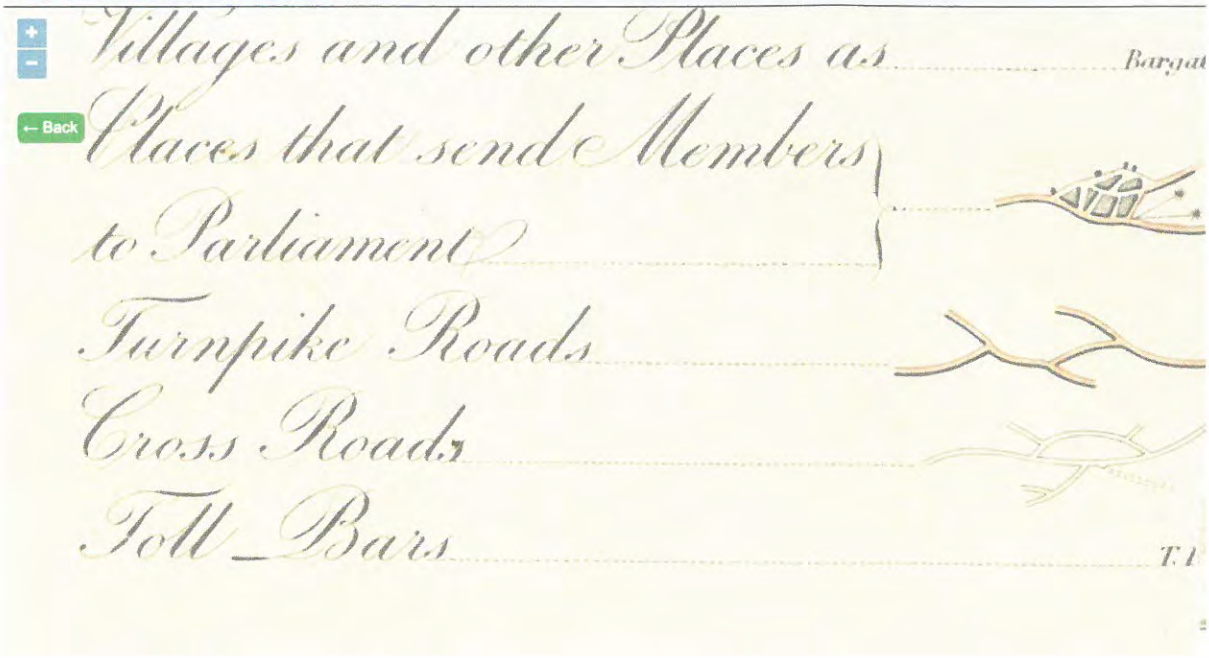
Greenwood Map

The Greenwood Map depicts crossroads in the vicinity of the claimed route.

National Library of Scotland
Leabharlann Nàiseanta na h-Alba

East sheet - Map of the County of Lincoln from an actual survey made in the year...
[more info]

Maps home > County maps, 1580s-1950s



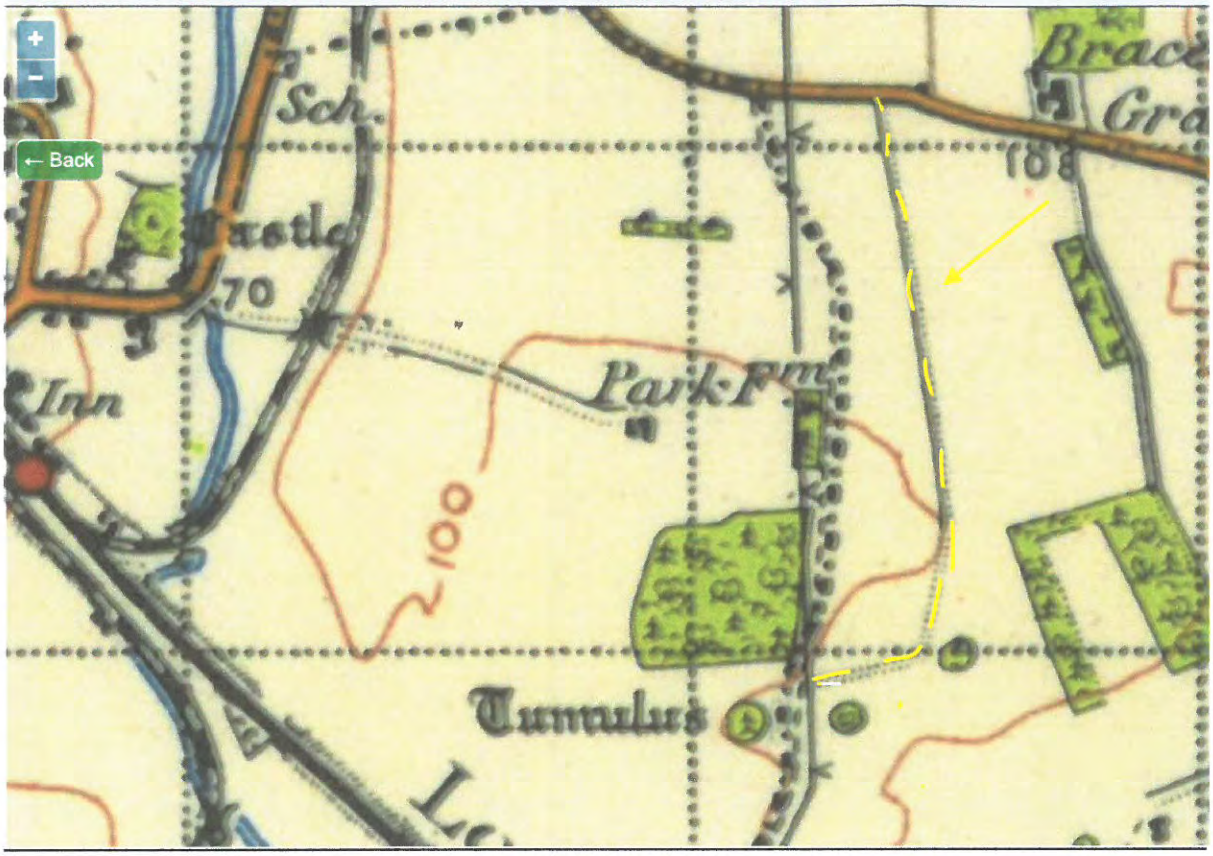
← Back

Ordnance Survey Maps.

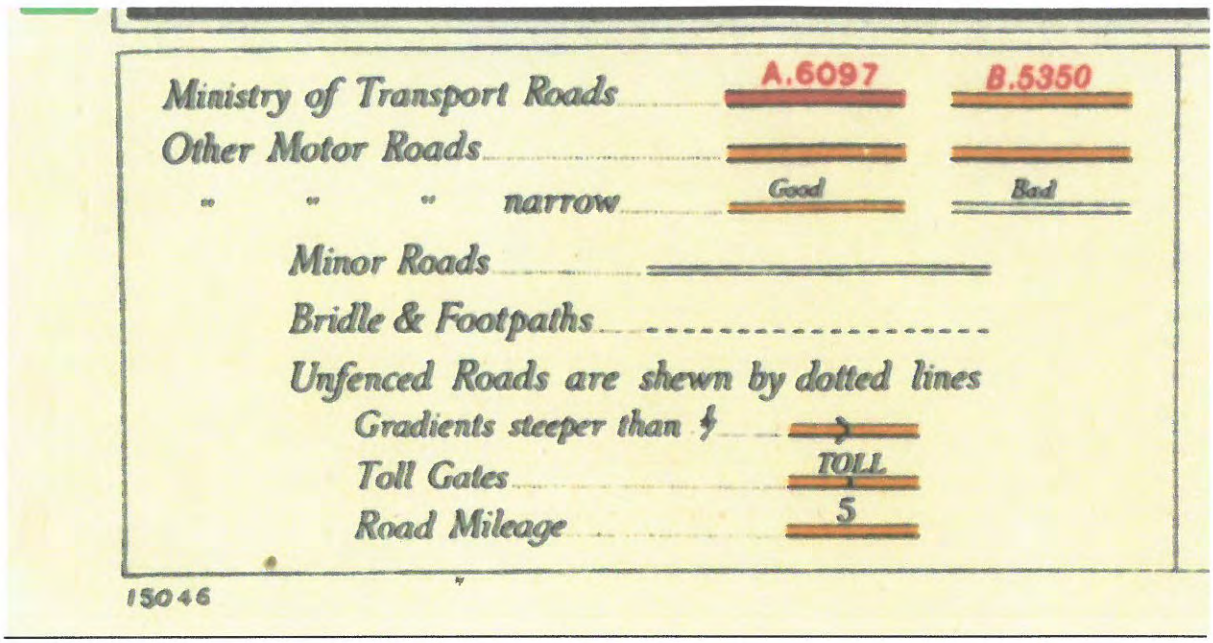
National Library of Scotland
Leabharlann Nàiseanta na h-Alba

Sheet 123 - Spalding
Publication date: 1946
Size: map ca. 71 x 63 cm (ca. 28 x 24 inches), on sheet ca. 89 x 73 cm (ca. 35 x 29 inches)

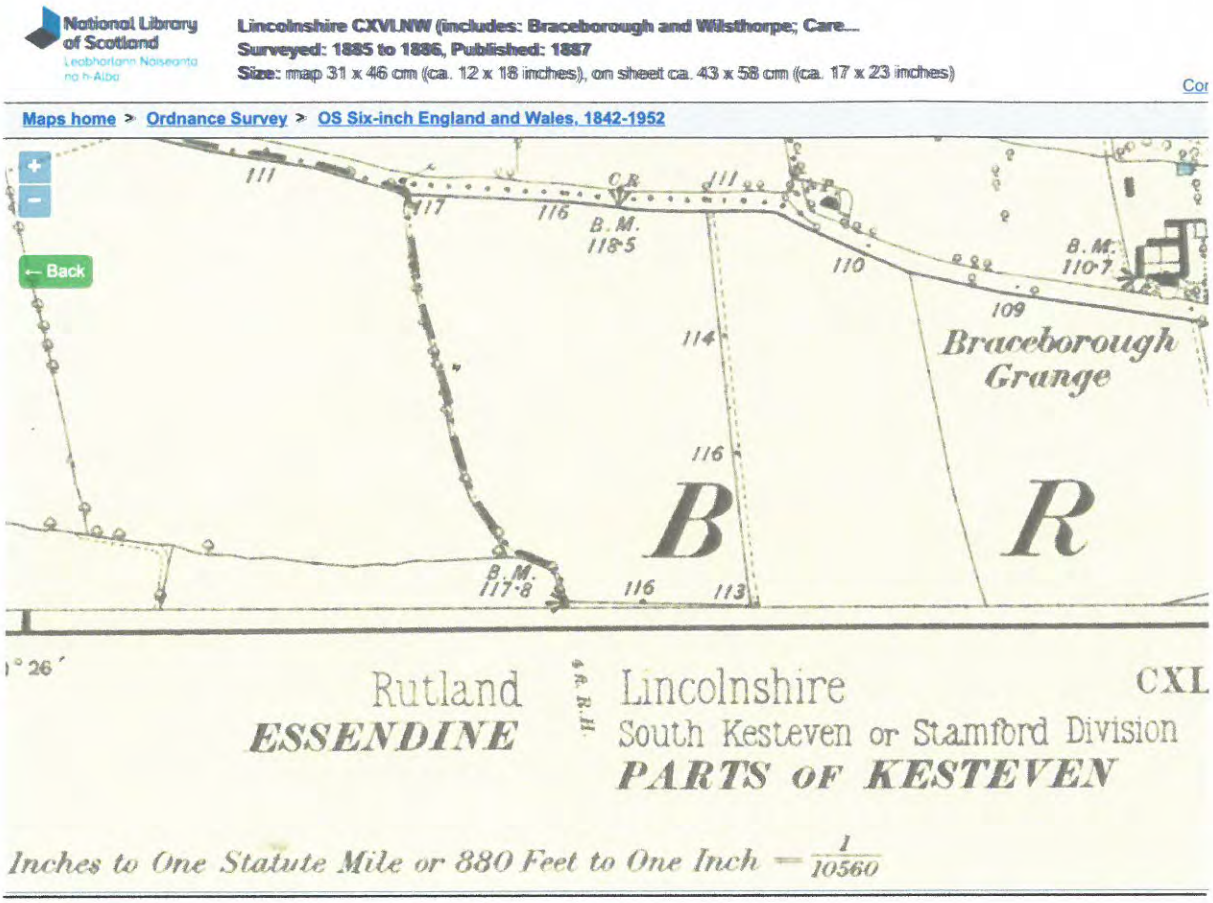
Maps home > Ordnance Survey > One-inch England and Wales, New Popular Edition, 1945-1947



The claimed route (yellow dashes) and is shown as an unfenced road joining the bridleway on the Parish Boundary.


Ministry of Transport Roads
A.6097
B.5350
Other Motor Roads
" " " narrow
Good
Bad
Minor Roads
Bridle & Footpaths
Unfenced Roads are shewn by dotted lines
Gradients steeper than 1/
Toll Gates
TOLL
Road Mileage
5
15046

The 6 inch OS map. The claimed route is shown with a solid and pecked lines. The route deviates to a gravel pit by the bridle road on the County Boundary.

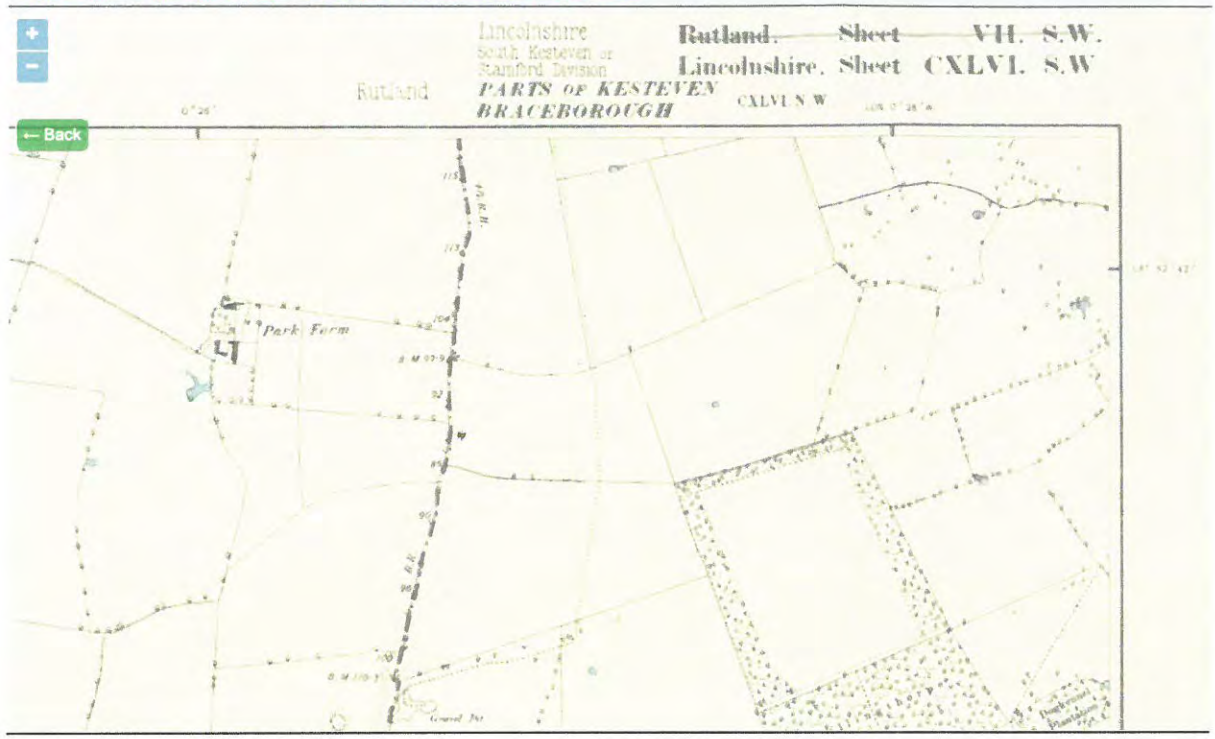


National Library of Scotland
Leabharlann Nàiseanta na h-Alba

Lincolnshire CXVI.SW (includes: Braceborough and Wilsthorpe; Esse...
Surveyed: 1885, Published: 1887
Size: map 31 x 46 cm (ca. 12 x 18 inches), on sheet ca. 43 x 58 cm (ca. 17 x 23 inches)

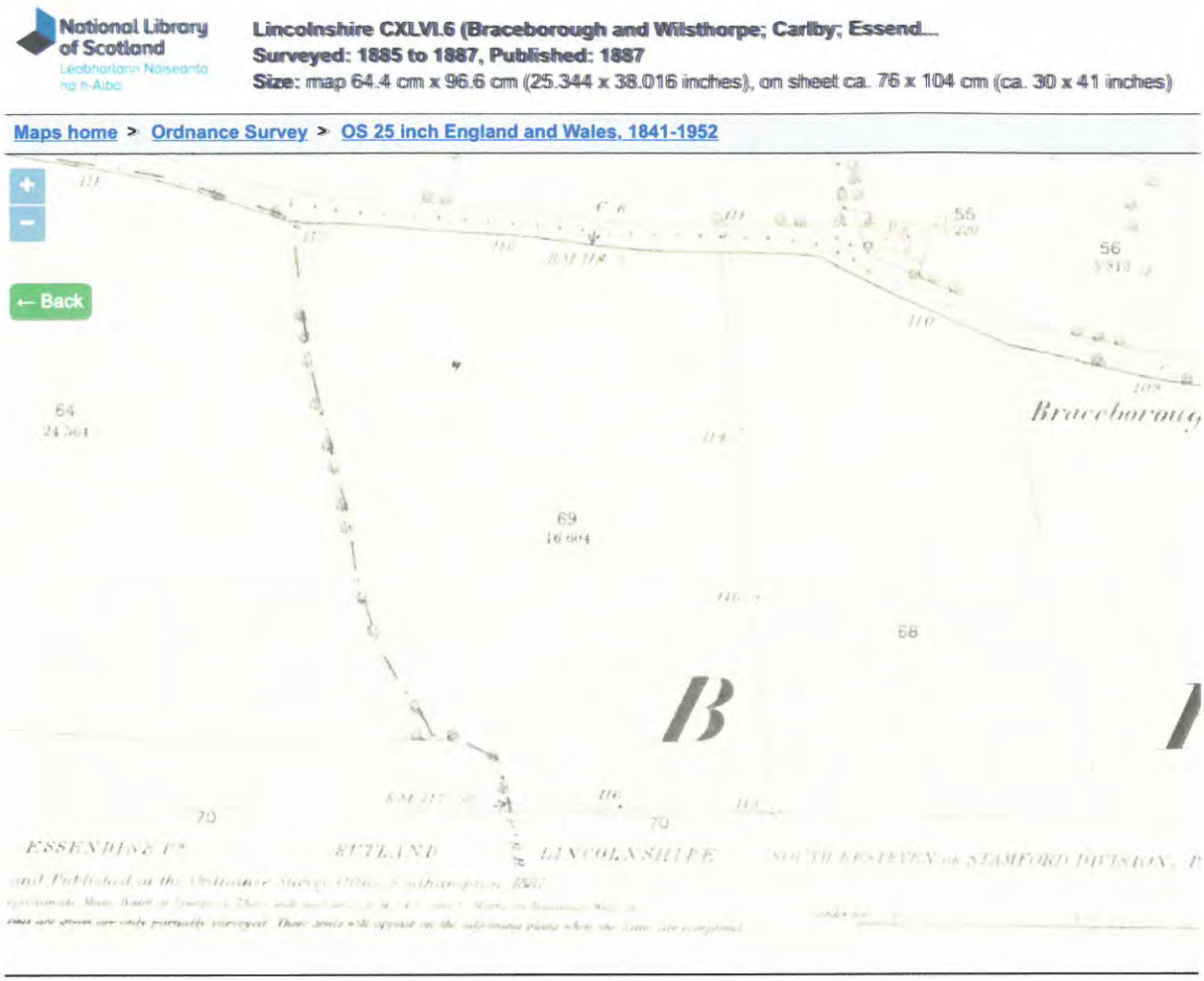
Commerc

Maps home > Ordnance Survey > OS Six-inch England and Wales, 1842-1952



25" OS Map

The claimed route is clearly shown to the west of the County boundary and is shown with double pecked lines. The route deviates to a gravel pit alongside the present day bridleway route.



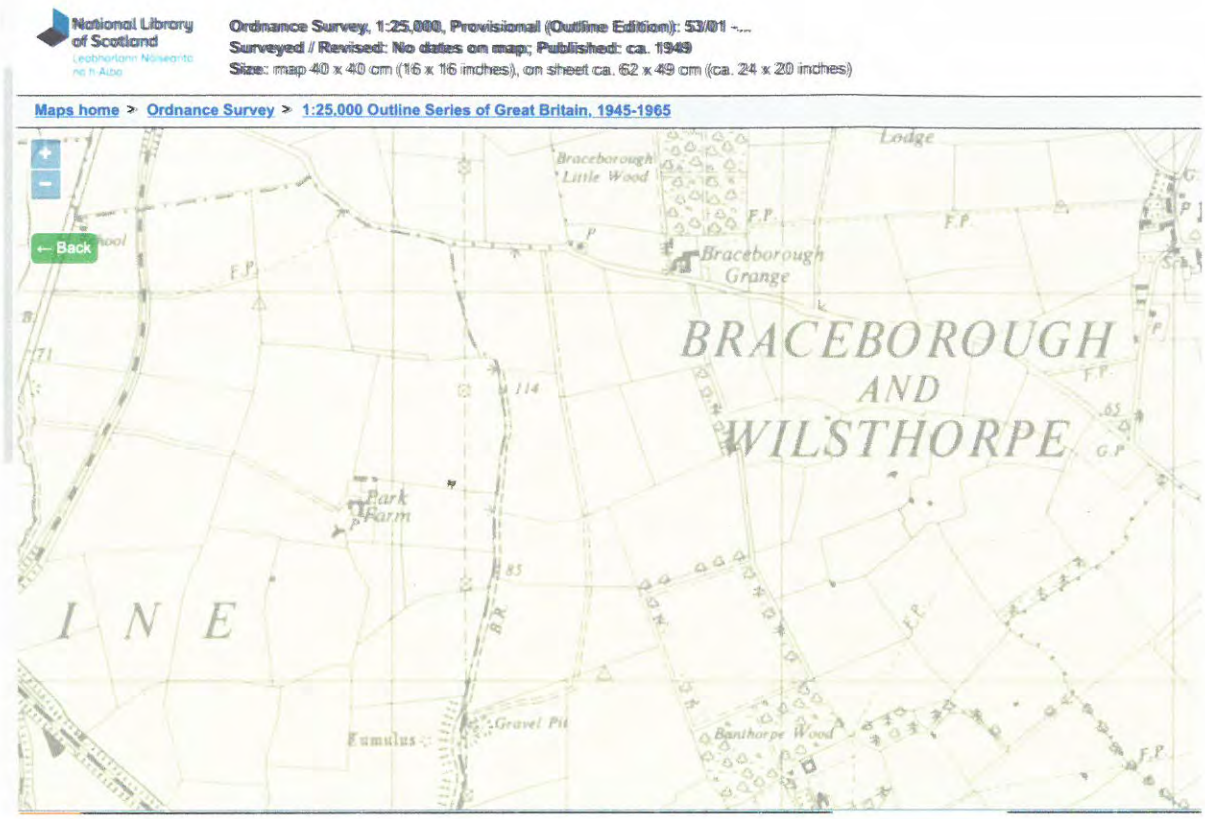
National Library of Scotland
Leabharlann Nàiseanta na h-Alba

Rutland VII.10 (Braceborough and Wilsthorpe; Essendine; Greatford...
Surveyed: 1885 to 1887, Published 1888
Size: map 64.4 cm x 96.6 cm (25.344 x 38.016 inches), on sheet ca. 76 x 104 cm (ca. 30 x 41 inches)

Comn

Maps home > Ordnance Survey > OS 25 inch England and Wales, 1841-1952

1:25,000 OS map.



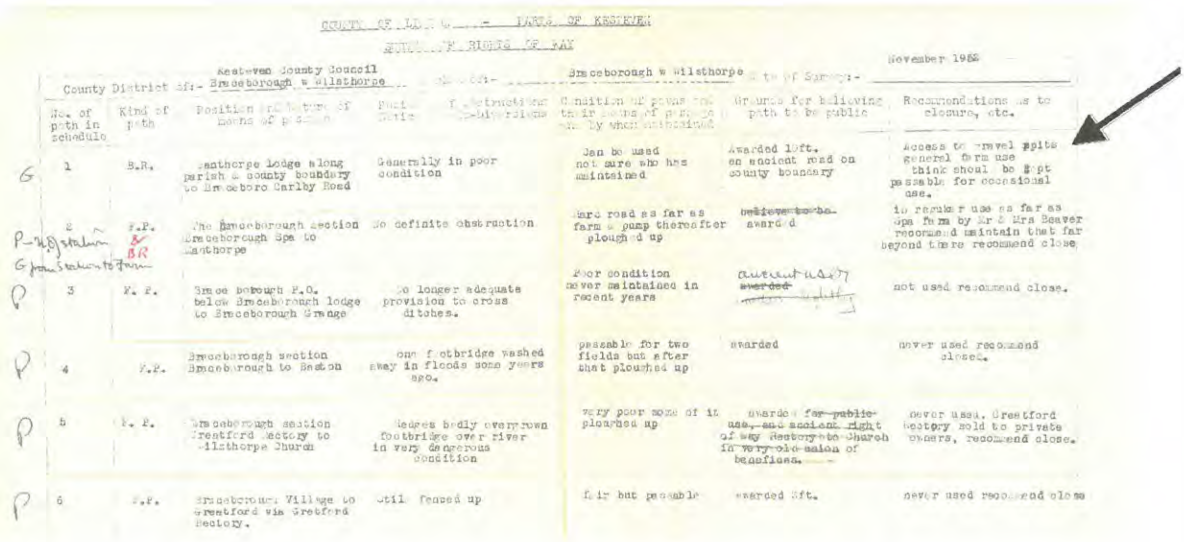
The claimed route is shown as double pecked lines. It detours to a gravel pit alongside the bridleway on the County Boundary to the west.

__County of Lincoln – Parts of Kesteven. Survey of Rights of Way.__

The claimed route is shown as double pecked lines.

Survey of Rights of Way. Bridlepath no. 1 on survey parallel to claimed route. B.R. No. 1 Banthorpe Lodge along parish and county boundary to Braceboro Carlby Road. "Generally in poor condition". "Can be used not sure who has maintained." "Awarded 10ft an ancient road on county boundary". "Access to gravel pits general farm use think should be kept passable for occasional use".

Evidence gravel pit road joined bridleway no. 1. "Pits" plural indicating more than one gravel pit in the vicinity.



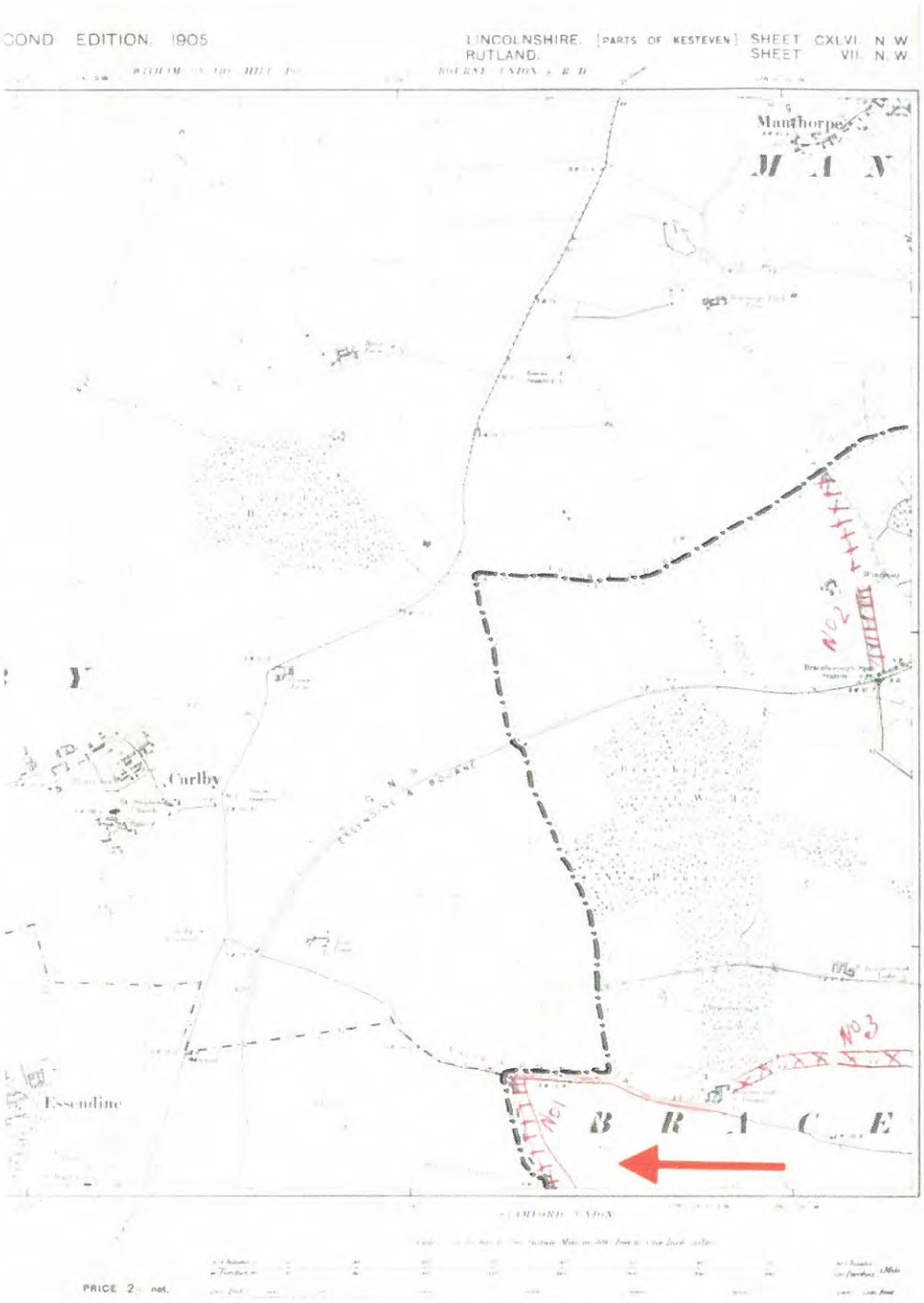
COUNTY OF LINCOLN – PARTS OF KESTEVEN

SURVEY OF RIGHTS OF WAY

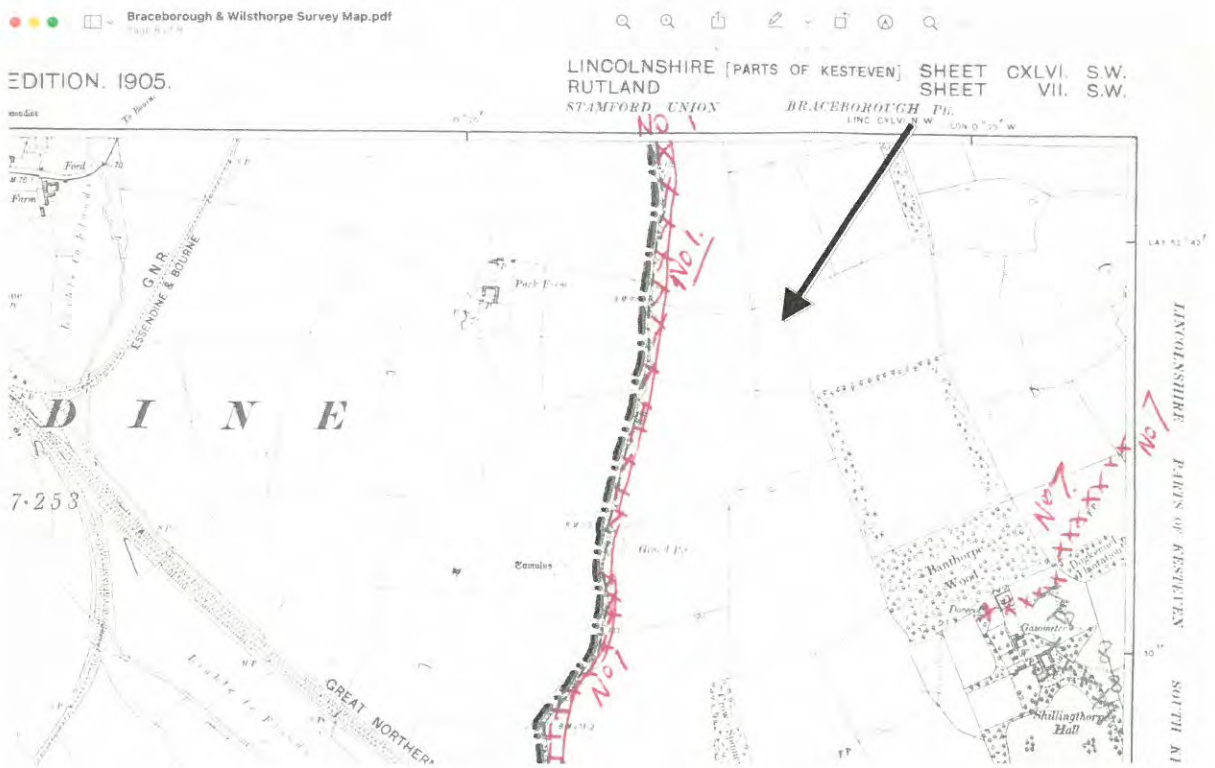
County District of:- Kesteven County Council Braceborough & Wilsthorpe   Parish of:- Braceborough & Wilsthorpe   Date of Survey:- November 1952

No. of path in schedule	Kind of path	Position and nature of means of passage	[illegible]	[illegible] obstructions or diversions	Condition of paths and their means of passage and by whom maintained	Grounds for believing path to be public	Recommendations as to closure, etc.
G 1	B.R.	Banthorpe Lodge along parish & county boundary to Braceboro Carlby Road	Generally in poor condition		Can be used not sure who has maintained	Awarded 10ft. an ancient road on county boundary	Access to gravel ppits general farm use think shoul be kept passable for occasional use.
P – U.O. station G from station to farm 2	F.P. & BR	The Braceborough section Braceborough Spa to Banthorpe	No definite obstruction		Hard road as far as farm & pump thereafter ploughed up	~~believe to be~~ awarded	In regular use as far as Spa farm by Mr & Mrs Beaver recommend maintain that far beyond there recommend close
P 3	F. P.	Braceborough P.O. below Braceborough lodge to Braceborough Grange		No longer adequate provision to cross ditches.	Poor condition never maintained in recent years	ancient usage ~~awarded~~	not used recommend close.
P 4	F.P.	Braceborough section Braceborough to Baston		one footbridge washed away in floods some years ago.	passable for two fields but after that ploughed up	awarded	never used recommend closed.
P 5	F. P.	Braceborough section Greatford Rectory to Wilsthorpe Church		Hedges badly overgrown footbridge over river in very dangerous condition	very poor some of it ploughed up	awarded ~~for public use, and ancient right of way Rectory to Church in very old union of benefices.~~	never used. Greatford Rectory sold to private owners, recommend close.
P 6	F.P.	Braceborough Village to Greatford via Gretford Rectory.	Still fenced up		fair but passable	awarded 3ft.	never used recommend close

The area dug for gravel would have moved within the field as one area was exhausted another would be dug.



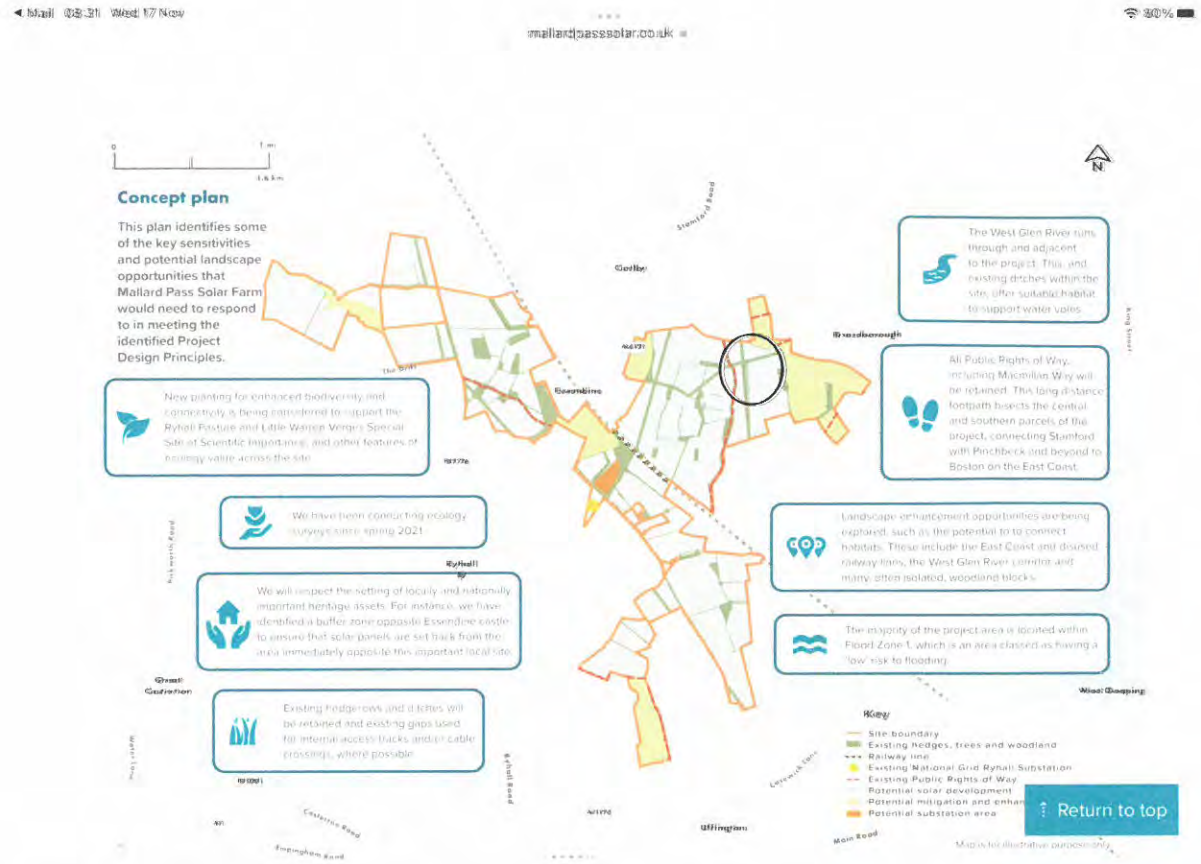
Claimed route marked with red arrow. Alongside bridleway number 1.



Claimed route, marked with arrow, joining gravel pit alongside Bridleway No 1.

Entrance to Gravel Pit Road from Carlby Road.

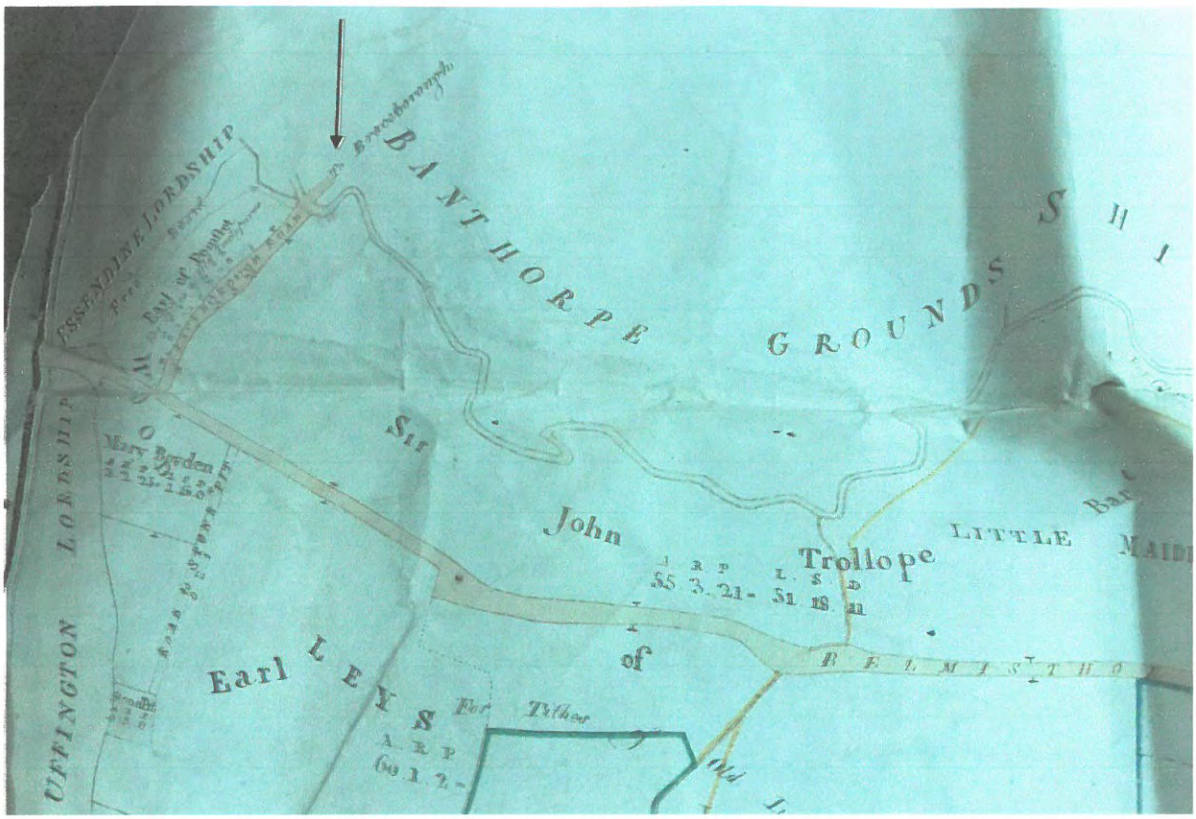
Google Streetview showing a gap in the road side hedge and hard standing access point.



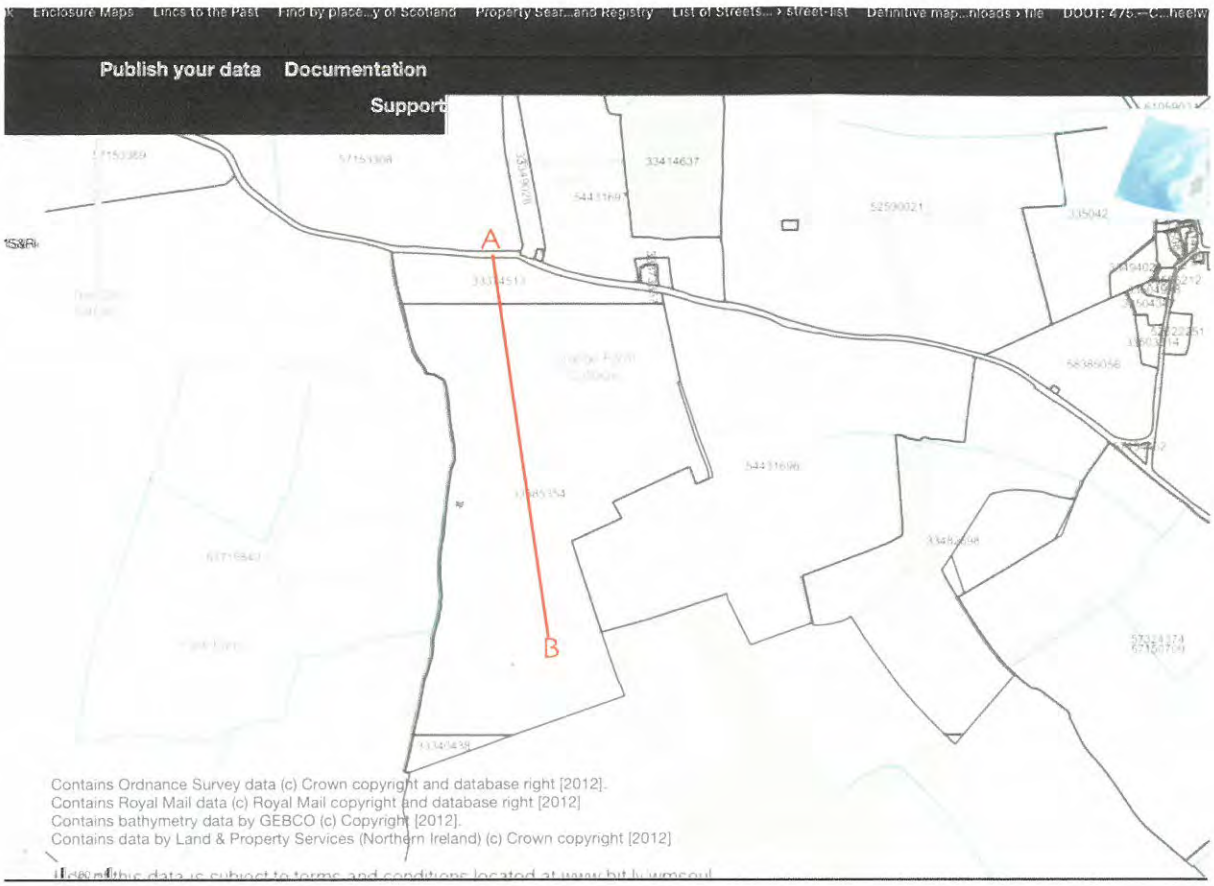
Map showing potential solar development. Area around Gravel Pit Road, marked with a circle, falls within the area of proposed solar development.

Bridleway BrAW/1/1, also within the circle, is also within the proposed solar development area. The OS map evidence shows Gravel Pit Road joining BrAW/1/1 and the Parish Survey references access to the gravel pits fom BrAW/1/1.

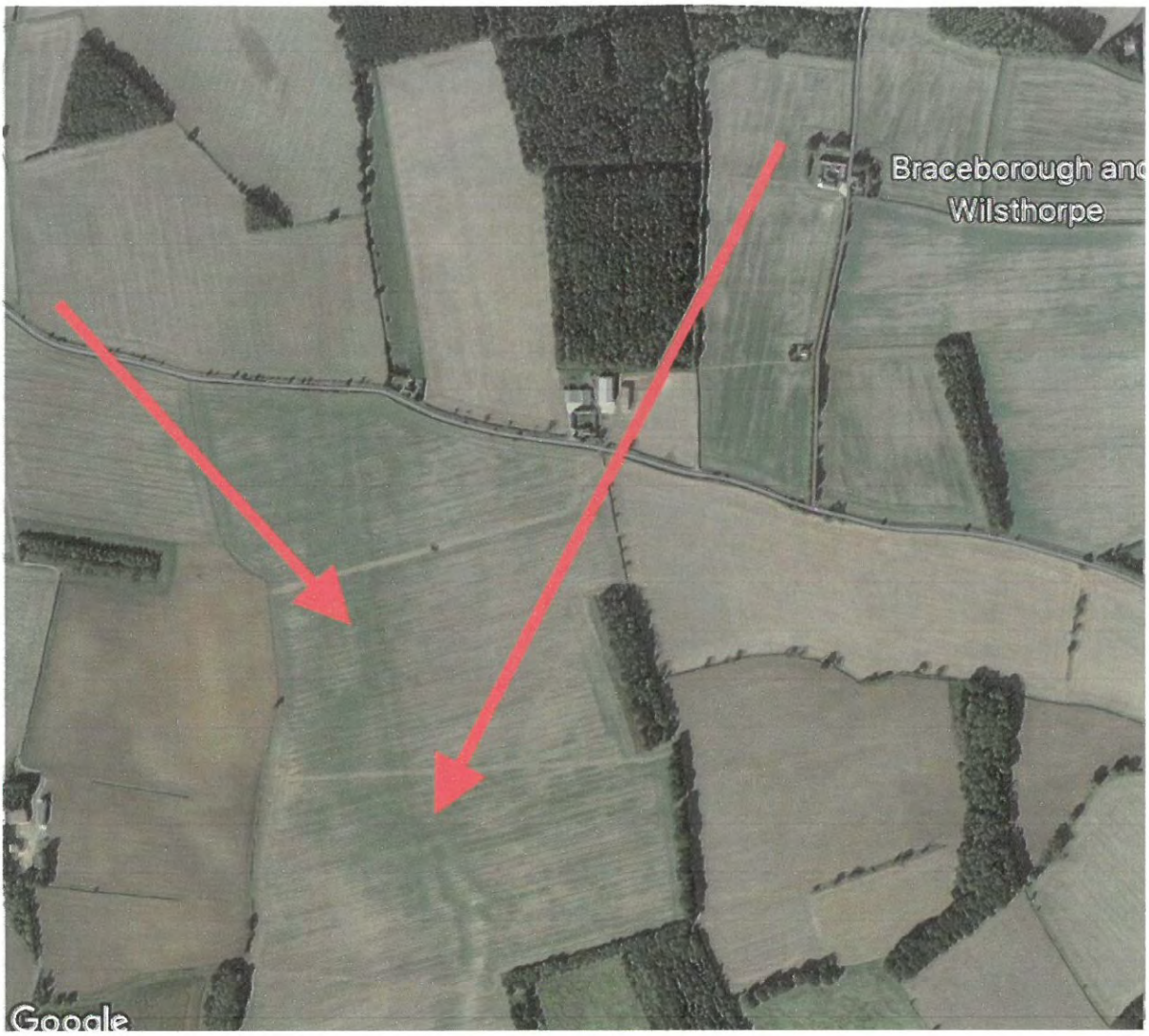
For information: Bridleway BrAW/1/1 Greatford Enclosure Plan named route "Braceborough Road".


BANTHORPE GROUNDS
Sir
John
Trollope
of
Earl LEYS
LITTLE
UFFINGTON LORDSHIP

Inspire



The route is not excluded from the land holdings.



Screen shot of Google Map. Red arrows show line of claimed route.

Conclusions:

Claimed route Gravel Pit Road, Braceborough.

- Enclosure Evidence shows the claimed route led to a **public gravel pit** the location of which has moved over time.

- "One other Private Carriage Road of the breadth of twenty feet ... **to a public gravel pit**

- "Order and direct that such owner or owners shall erect and keep in repair proper and sufficient Carriage Gates in the Fences crossing the said Road for the use and convenience of all persons in passing to and from the said Gravel Pits ..."

- In the Enclosure Plan "Road" is coloured as per Carlby Road and the Bridle Road.

- The Act states "and for the Surveyors of the Highways of the Parish of Braceborough for getting Stone Gravel and other materials for repairing the Roads and ways in the said Parish ..."

- Braceborough History Project references - Highway Account Books 1769 – 8121. "The Highways Act of 1555 charged parishes with certain road maintenance and this was overseen by an elected official, the Surveyor of the Highway, who was empowered to collect a local tax for the purpose. The account books contain records of the amounts of statute duty collected from each household together with brief references to works carried out and the names of the labourers involved.

- The entries for the years 1768 to 1774 list payments to a number of individuals none of whom appear to be Braceborough inhabitants.....

- Road works at Beggar's Bush
- *Hole mending at Mickley Gap*
- *Rampering at Mickley Gap*
- ***Mickley Gap hole mending and rampering were funded by the parish.***

- Greenwood map shows Cross Roads in the vicinity of the claimed route.

- *OS Maps:*
- *1 inch date 1946. Sheet 123 Spalding*
- *6 inch. Lincolnshire CXV1.NW published 1887*
- 25 inch. Lincolnshire CXLV1.6. Braceborough and Wilsthorpe; Carlby; Essendine. Published 1887 and Rutland V11.10 (Braceborough and Wilsthorpe; Essendine; Greatford. Published 1888.
- 1:25,000. 53/01. 1949

All show the claimed route. The route deviates to a gravel pit by the public bridleway.

- Survey of Rights of Way. Referencing B.R. 1. "Access to gravel pits general farm use think should be kept passable for occasional use".

- The claimed route is marked on the Survey of Rights of Way map as double pecked lines.

- Google Street View shows hard standing and a break in the hedge line where Gravel Pit Road exited the highway.

- The proposed Solar Farm would incorporate the claimed route. A "Key Benefit" listed on their Web Page is that they "will support green spaces that connect habitats, enhance biodiversity and **link recreational routes".**

- **Could consideration be given to a continuing route from Gravel Pit Road to the Bridleway BrAW/1/1 to the west as shown in the OS maps in this document.**

- Google maps show a faint line of the claimed route.

This document presents evidence from the last 220 years that consistently indicates that the application route was part of the wider highway network. Whilst no single piece of evidence is conclusive in its own right, taken as whole it paints a sound picture of the existence of public rights.

Employing the well-established legal maxim 'Once a highway always a highway', in the absence of a stopping up order, it follows that a right of way exists.

Appendix D Q7.0.5 Self Sufficiency of UK Agriculture

BRIEFING NOTE

SELF-SUFFICIENCY OF UK AGRICULTURE

August 2023

Purpose of this Briefing Note

1 This paper examines the current position in respect of food security and self-sufficiency in the UK.

2 The Government's stated position is that "**the UK has a large and highly resilient food supply chain. Our high degree of food security is built on supply from diverse sources: strong domestic production as well as imports through stable trade routes**"[i] (Defra Press Release 6th December 2022).

3 This paper sets out some of the available statistics and related commentary, to examine the production and food security position.

4 This paper:

- sets out the key industry resource statistics;
- sets out the key statistics by farming sector;
- sets out related commentary;
- and ends with a summary.

5 The paper focusses primarily on England, but some statistics are only available on a UK-wide basis. Therefore there is a degree of mixing embedded in this paper.

Structure of the Industry's Assets

6 The latest Government information[ii] is that England has a land area of 13,046,000 hectares (32.2 million acres).

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7 Defra estimate that the Utilised Agricultural Area (UAA) in England at 1st June 2022 was 8.9 million hectares[iii].

8 Natural England estimate that 42% of agricultural land is best and most versatile (ALC Grades 1, 2 and 3a)[iv]. That would equate to 3.74 million ha (9.24 million acres).

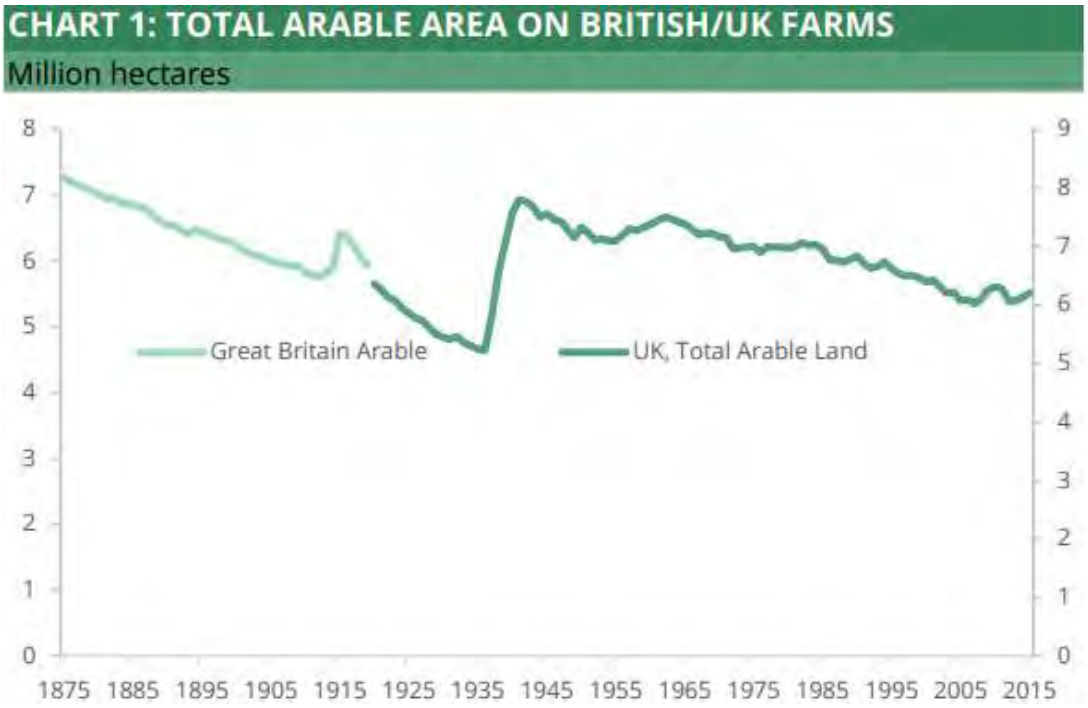
9 UK soils currently store about 10 billion tonnes of carbon, equal to about 80 years of annual greenhouse gas emissions[v].

10 The Environment Agency[vi] concludes that soil biodiversity and the many biological processes and soil functions that it supports "**are thought to be under threat**". The statistics presented conclude that:

- almost 4 million hectares of soil are at risk of compaction;
- over 2 million hectares are at risk of erosion;
- as a result of intensive agricultural use arable soils have lost 40% to 60% of their organic matter.

11 The total arable area on UK farms has been declining since 1875, with a reversed trend in the 1935-1945 period, as shown below.

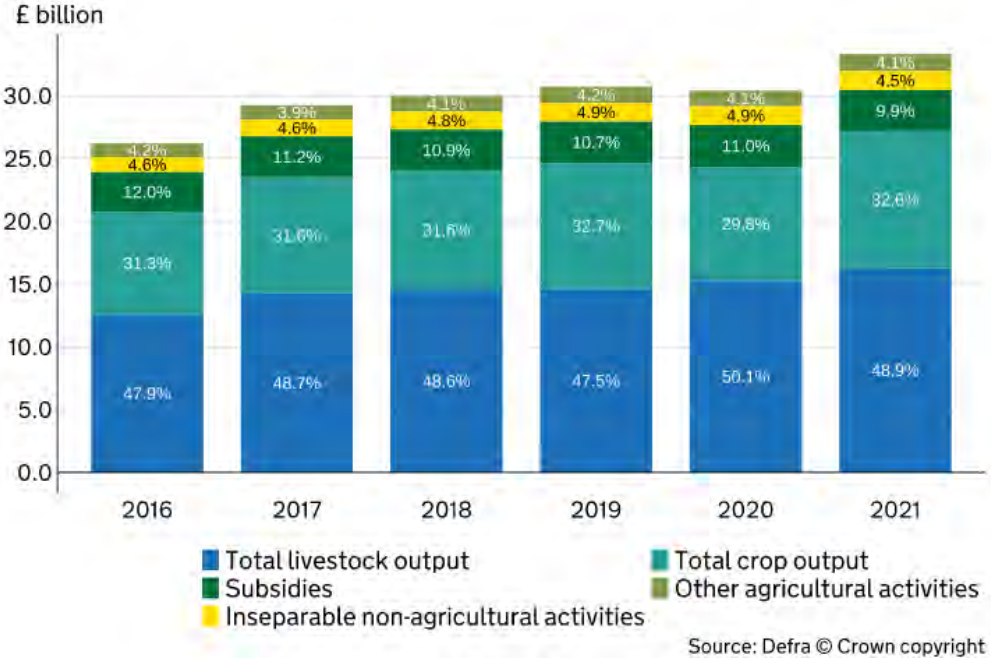
Insert 1: Arable Area on UK Farms[vii]



12 Agriculture and fishing contribute £11.5 billion to the agri-food sector, which is about 10% of the £116.2 billion the sector contributes to the national Gross Value Added[viii].

13 In 2021 subsidies provided almost 10% of income to the agricultural sector, as shown below. The subsidy regime has since been changed and this proportion is expected to decline in future years.

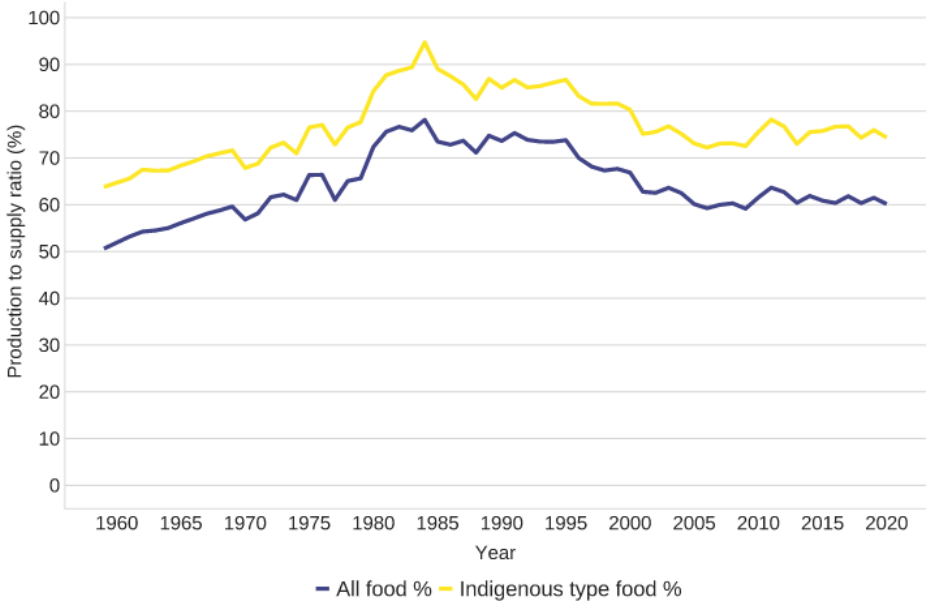
Insert 2: Summary of Outputs and Subsidies



Production Statistics

14 The UK Food Security Report 2021[ix] identifies that the UK produces about 60% by value of the food we eat, but that rises to 74% of the food we can grow or rear in the UK.

Insert 3: UK Food Production and Supply

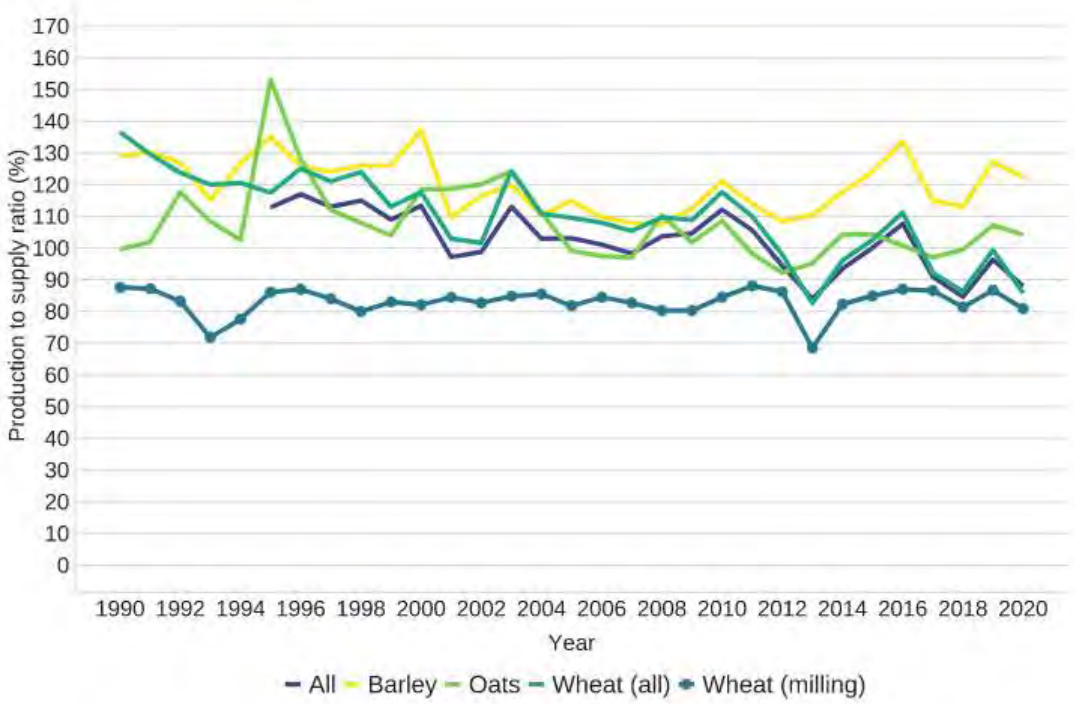


15 **Cereals.** Wheat plays a vital part in the UK's diet, environment and economy. The Food Security Report records that over the 1961 to 2011 period wheat accounted for about 30%

of daily food energy intake per person. Wheat is consumed in bread, bakery products, breakfast cereals, pasta, in meat from animals fed on wheat, and in some alcoholic drinks.

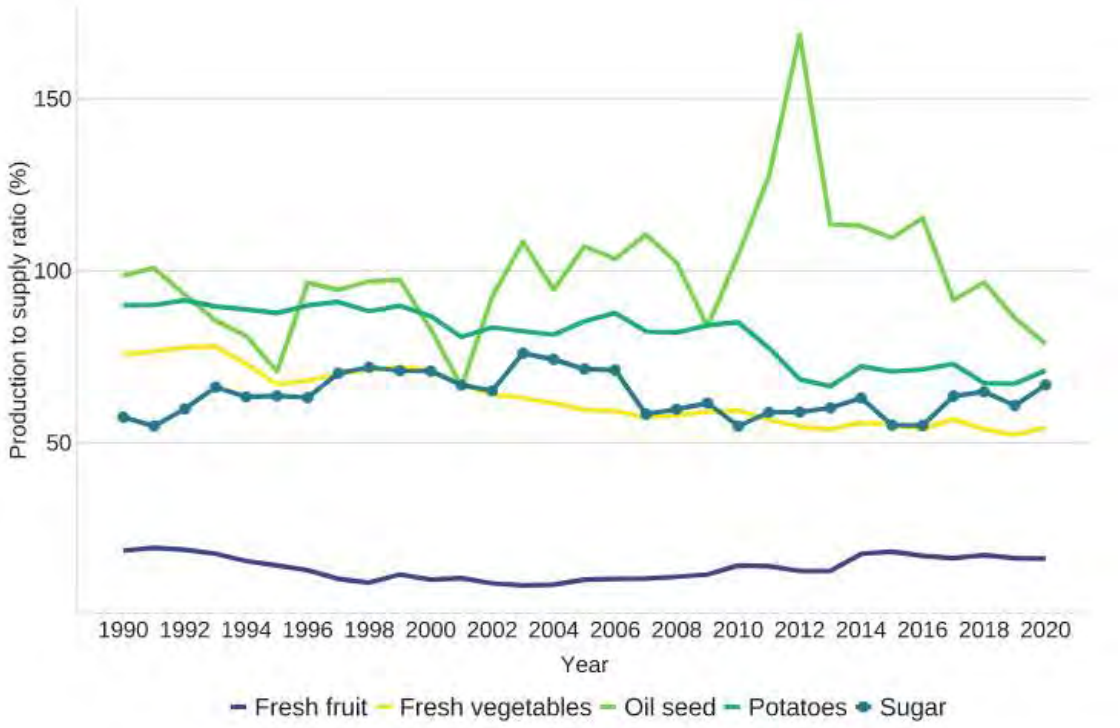
16 In terms of grains the UK is able to grow more cereals than we consume. Only in milling wheat are we producing less than we consume, but the shortfall is largely made up of hard wheats not suited to the UK's climate and soils. We export cereals and import cereals of a different type or grade, due to climatic limitations.

Insert 4: Domestic UK Grain Production as Percentage of Consumption



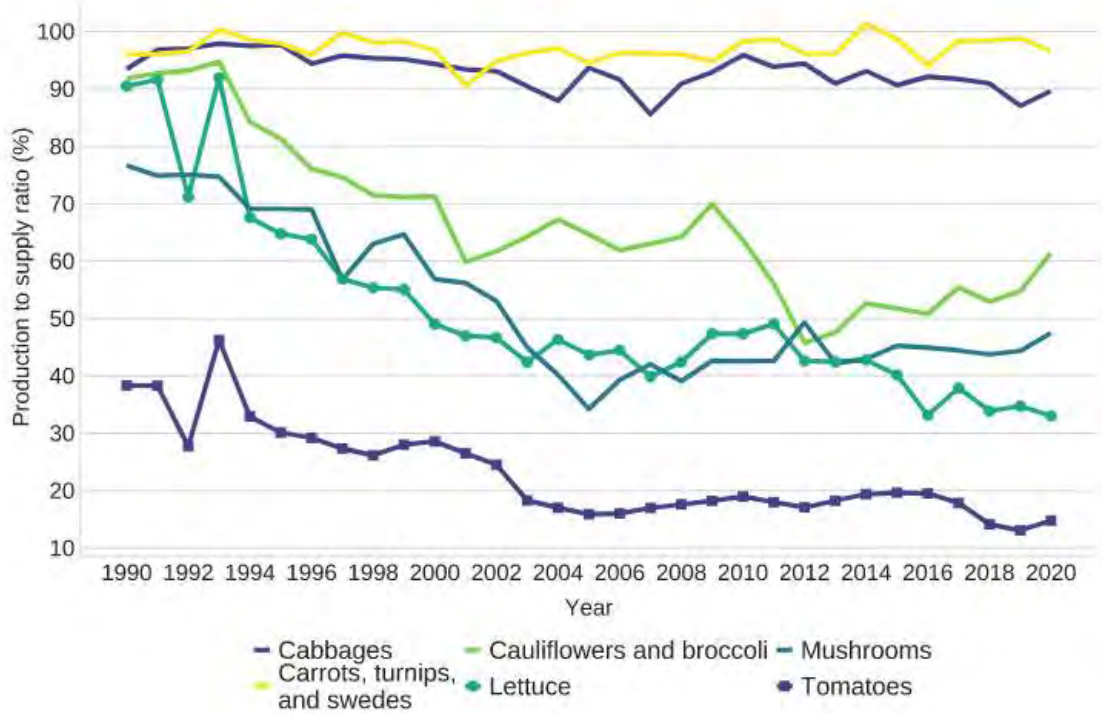
17 **Other Crops.** Self-sufficiency in other products is generally below 100% except for oilseed. Oilseed production has recently dipped significantly due to controls over the chemical applications permitted to control stem flea beetle.

Insert 5: Domestic UK Production of Other Crops as a Percentage of Consumption



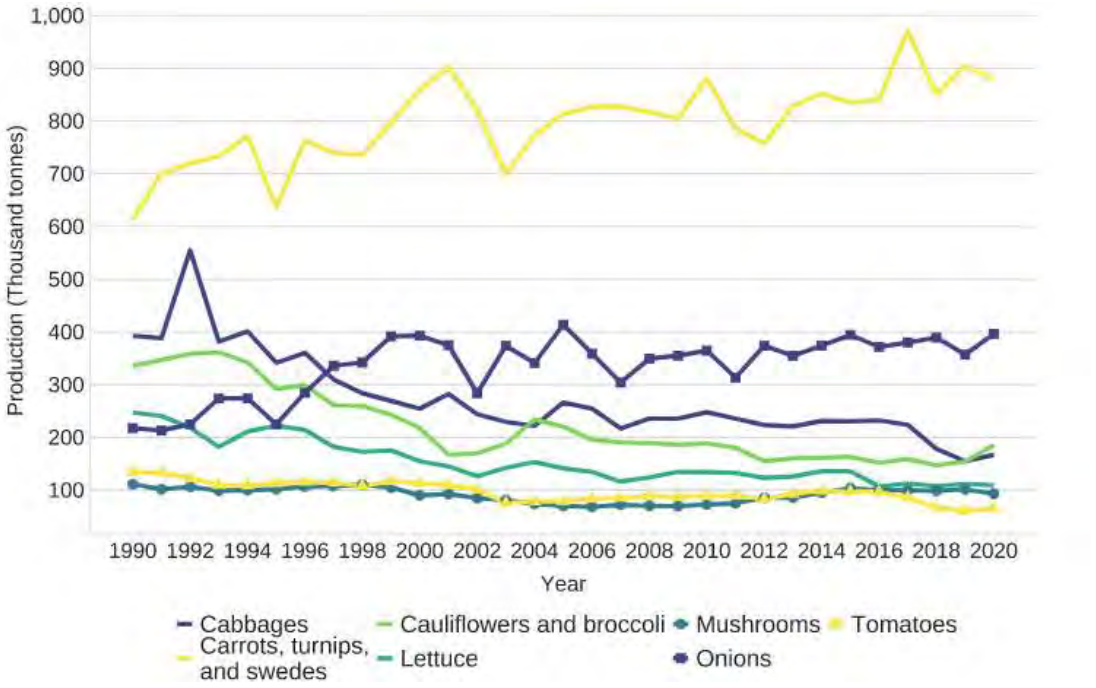
18 The trends for field vegetables show a generally-downward trend. Self-sufficiency exists in cabbages, swedes, turnips and carrots, but there have been falls in other vegetables, where domestic production has declined significantly.

Insert 6: Domestic UK Production of Fresh Vegetables as Percentage of Consumption



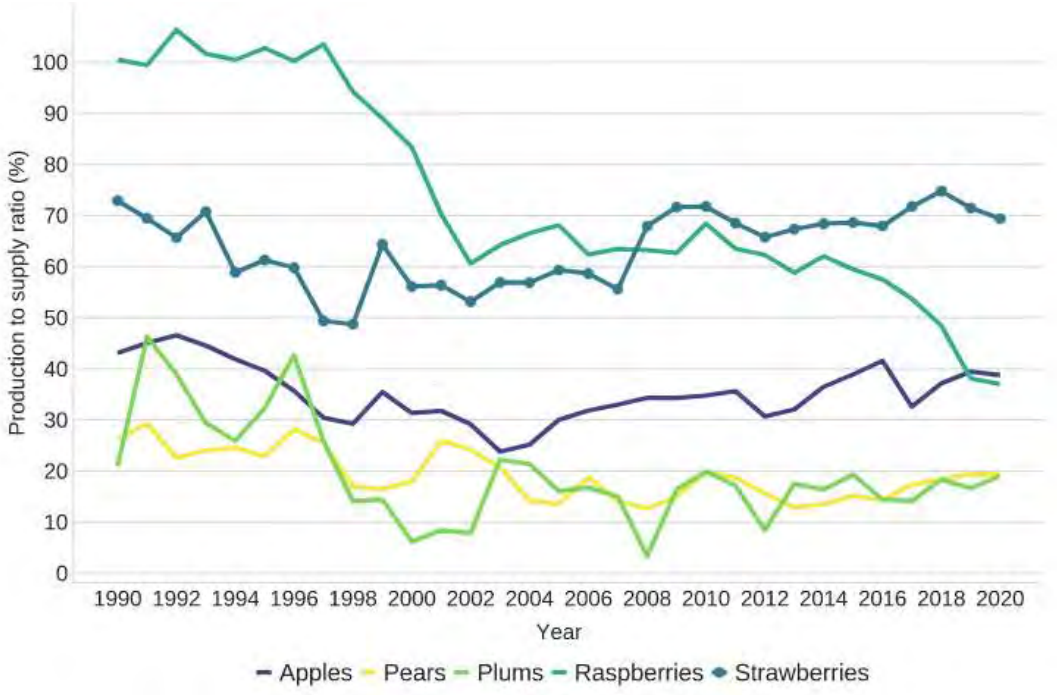
19 The production figures illustrate the caution that should be applied to self-sufficiency figures above. It will have been seen in Insert 6 that self-sufficiency in cauliflowers and broccoli is less than in 1990, although improving. In terms of production, cauliflower production has fallen to a third yet broccoli production has tripled. Onion production and carrot production are up (80% and 60% respectively) whilst swedes and turnips are no longer as much in favour.

Insert 7: Domestic UK Production of Fresh Vegetables



20 **Top and Soft Fruit.** UK production fell sharply in the 1990's, but has been steadily increasing since 2000. Domestic production of apples, for example has fallen from over 350,000 tonnes in 1992 to around 200,000 tonnes in 2020. The area of orchards has fallen from over 100,000 ha in the 1940's to around 20,000 ha today[x]

Insert 8: Domestic Fruit Production as a Percentage of Consumption

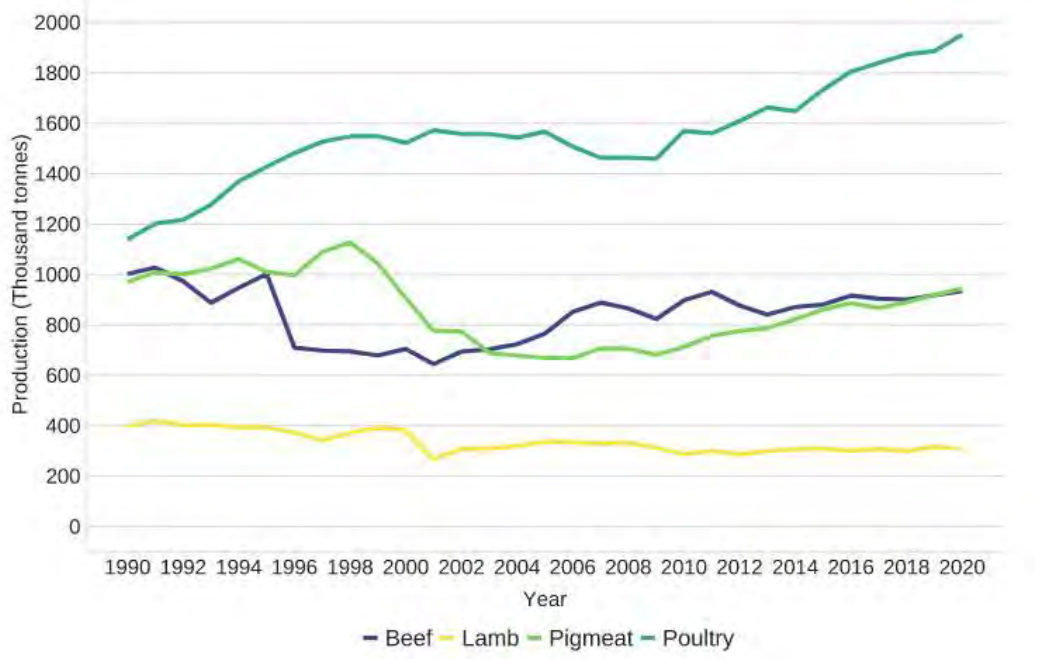


21 **Livestock.** Self-sufficiency is high. In 2020 production per person equated to:

- 61kg meat
- 227 litres of milk
- 172 eggs.

22 **Meat.** Production, especially of poultry meat, has been gradually increasing, as shown below.

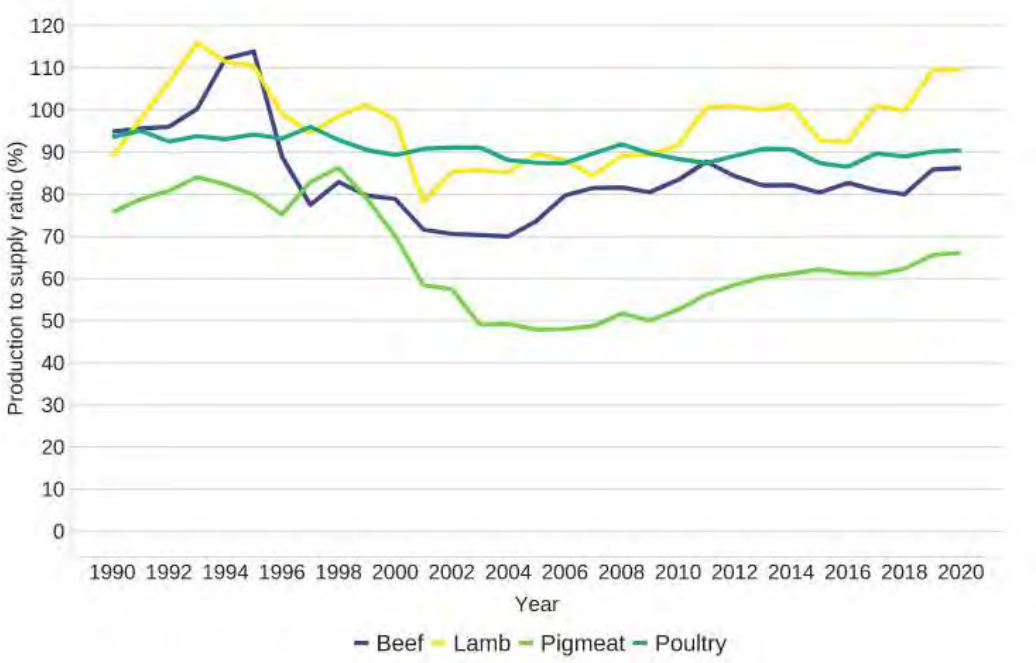
Insert 8: Domestic Meat Production



23 Due to consumer preferences, the UK exports lower-value products and imports higher-value products, but overall we are largely self-sufficient in terms of production.

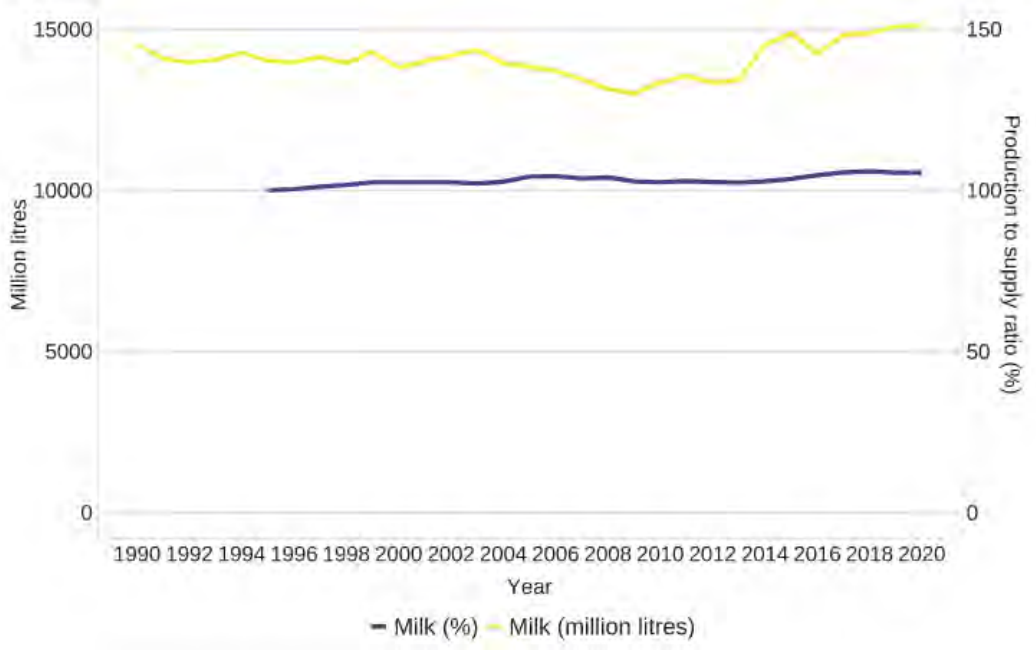
24 Pigmeat production has fallen sharply, with a recent recovery, but that reflects industry economic performance rather than an inability to produce the product.

Insert 9: Domestic UK Meat Production as a Proportion of Consumption



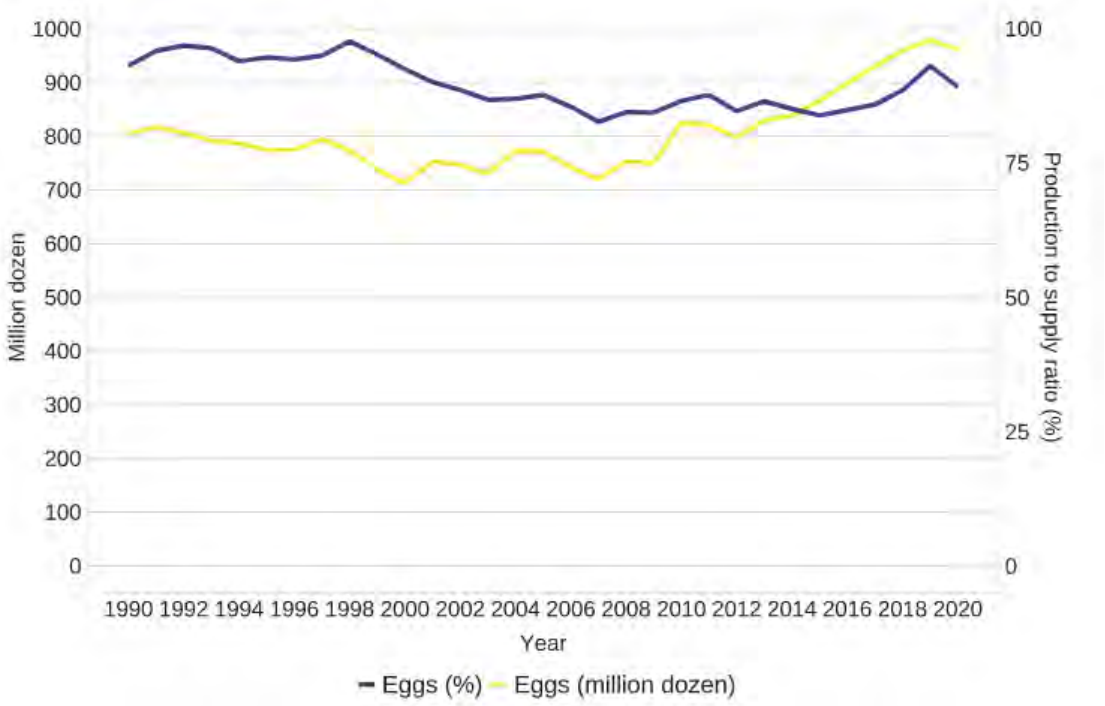
25 **Milk.** Milk production has held steady over the last 30 years, despite the herd size decreasing (down to 1.9 million cows from 3.5 million in 1973). Production exceeds consumption.

Insert 10: UK Raw Milk Production and Consumption



26 **Eggs.** Over the last 30 years egg production has met between 89% and 98% of domestic consumption. The laying flock decreased from 53 million in 1984 to 40 million in 2020, mostly declining in the 1980's and 1990's with a move from caged to free-range systems.

Insert 11: Domestic UK Egg Production and Consumption



Commentary

27 The statistics show self-sufficiency or near self-sufficiency in many of the staples of the UK diet:

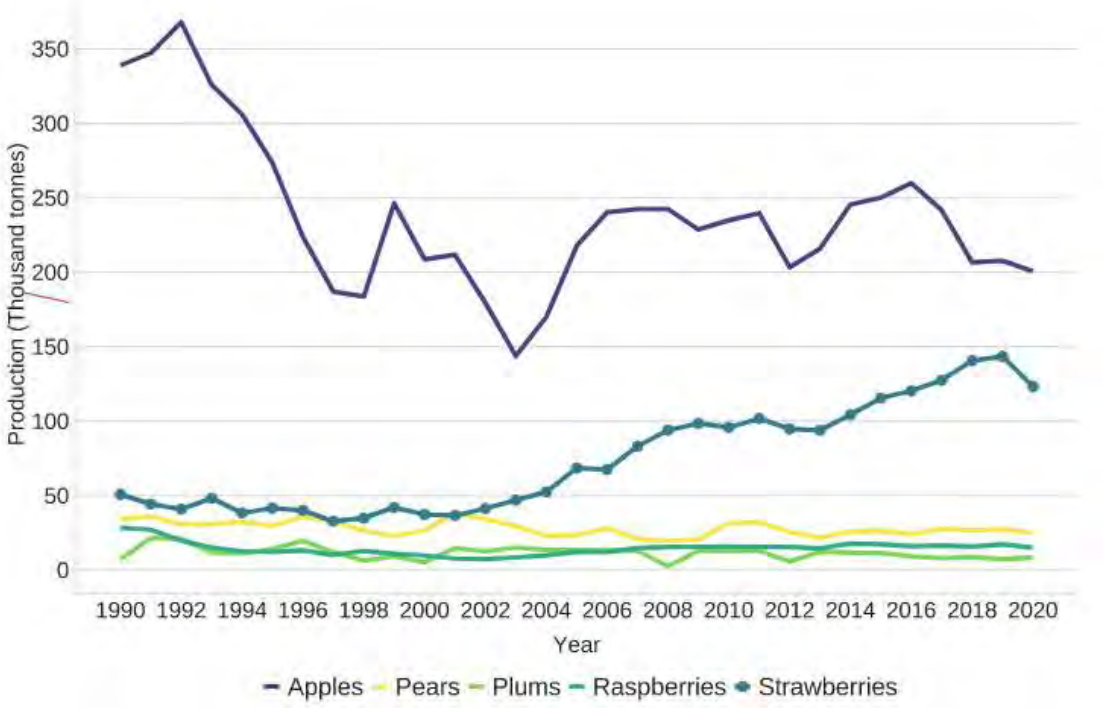
- cereals;
- carrots, turnips, swedes, cabbages;
- beef, lamb, poultry meat;
- milk;
- eggs.

28 We are less than self-sufficient in fresh vegetables, potatoes, sugar, mushrooms, top fruit and soft fruit and pig meat.

29 This does not necessarily reflect a production limitation, however. For example, apple production has fallen not because we cannot grow apples, but due to the economics of production and the ability to import more cheaply from abroad. As noted earlier, orchard areas have fallen from 100,000 to 20,000 ha. The production statistics below for fruit show a near tripling of production in strawberries since 2000, yet self-sufficiency (see Insert 7 above) remains at about 70%. This reflects changes in consumption trends, not a

production inability. Consumers now purchase berry fruits in winter when the UK cannot produce them.

Insert 12: UK Domestic Fruit Production



30 Therefore where the trends show declining self-sufficiency (potatoes, cauliflowers and broccoli, lettuce, tomatoes, pigmeat) it would be wrong to conclude that we cannot produce these products anymore. There are many other factors, with the two most significant being cheaper products being imported resulting in declining UK production, and changing consumer trends such that seasonal products are now mostly forgotten. We purchase lettuce, tomatoes, soft fruit etc all year round, and to meet that consumer demand we must import out of season produce. This shows in the statistics as declining self-sufficiency.

31 This is not a concern shared by Government. The UK Food Security Report identified high levels of self-sufficiency in UK production.

32 In the Government Food Strategy (2022)[xi] the largely self-sufficiency in wheat, most meats, eggs and some sectors of vegetables was noted, and that this had been broadly stable for 20 years. The strategy set out objectives "**to broadly maintain the current level of food we produce domestically**".

33 We do not have a self-sufficiency concern in respect of calorie production. The complexities of import and export relate to our varied, and changing, diets rather than to any embedded production problems.

34 In the UK Food Security Report (2021) it noted that, for example, the mix of grain grown in the UK differs from the grain consumed in the UK. It was noted that grain does not provide a healthy or nutritious diet or meet consumer demand for a varied diet. However the report noted the following:

> "**However, from a purely calorific perspective, the (below average) grain yield in 2020 of 19 million tonnes would be sufficient to sustain the population. It is equivalent to 283kg per person, 0.8 kilos per day. A kilo of wheat provides 3,400 calories (and barley slightly more at 3520 calories), making 0.8 kilos of grain over 2,600 calories, compared to recommended calorie intake of 2 to 2500 for adults. From these figures it is easy to demonstrate that, even without accounting for other domestic products like potatoes, vegetables, grass-fed meat and dairy, and fisheries, current UK grain production alone could meet domestic calorie requirements if it was consumed directly by humans in a limited choice scenario**".

35 The report went on to note that whilst grain is generally the most efficient form of production in terms of calories per hectare, it has a significant environmental impact "**due to the lack of biodiversity in conventional grain fields, damage to soil through ploughing, environmental harms caused by fertilisers and pesticides, and the oil use embedded in fertilisers and field operations**".

36 The EA State of the Environment: soil report also notes that "**severe compaction and poor soil condition is also an issue for around 10% to 15% of grassland fields, as a result of overgrazing**".

37 Bare soils, reduced hedgerows and increased field sizes mean that, in England and Wales, an estimated 2.9 million tonnes of topsoil is lost to erosion every year. Erosion regularly exceeds the rate of formation of new soils (which is at about 1 tonne per hectare per year) on many soils, with 40% of arable soils at risk, especially lighter soils on hillslopes and peats in upland areas[xii].

38 Management of arable fields, including shelter belts, changes to tillage practice (ie practicing minimal soil disturbance), and good tramline practices reduce erosion.

39 "**Significant decreases in erosion risk occurred when fields changed from winter cereal use to permanent grassland**", the EA reported. Management practices in arable land can make a big difference, but the constant vegetation cover of grassland reduces erosion significantly.

40 Organic matter in soil acts like a sponge and can hold up to 20 times its weight in water. Most arable soils have lost 40 to 60% of their organic carbon[xiii]. The British Society of Soil Science record the declining state of soil carbon (soil organic carbon and soil inorganic carbon), and note that the greatest and most rapid soil carbon gains can be achieved through land use change, eg converting arable land to grassland. Sustainable soil management practices are needed for all soils.

41 Biodiversity is also in decline. The 2019 State of Nature Report[xiv] recorded increases and decreases in different species, but overall a decline in the abundance and distribution of the UK's species since 1970, continuing a trend started hundreds of years earlier.

42 The House of Commons Environmental Audit Committee[xv] recorded this in stark terms. The Summary started as follows: "**the world is witnessing a colossal decline in global biodiversity**".

Conclusions

43 Importation and export of foodstuffs has long been part of the UK food supply chain, and changes in diet and consumer demand coupled with economic factors have changed UK production.

44 Levels of self-sufficiency in most staples remains high.

45 Self-sufficiency in calories can be achieved from wheat production alone.

46 Government and its agencies highlight declining soil health and quality and biodiversity as a pressing concern.

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[i] Food Supply References and Food Security, Defra (6th December 2022)
[ii] Land Use Statistics: England 2022, DLUHC (27 October 2022)
[iii] National Statistics: agricultural land use in England at 1 June 2022, Defra (29 September 2022)
[iv] TIN 049 Agricultural Land Classification: protecting best and most versatile agricultural land, Natural England (December 2022)
[v] Summary of the State of the Environment: Soils, Environment Agency (26 January 2023)
[vi] State of the Environment: Soils, Environmental Agency (2019)
[vii] Agriculture: historical statistics, House of Commons library (25th June 2019)
[viii] Total Income from Farming in the UK 2021, Defra (12 May 2022)
[ix] United Kingdom Food Security Report 2021: Theme 2, UK Food Supply Services, Defra (22 December 2022)
[x] Agriculture: historical statistics, House of Commons library (25th June 2019).
[xi] Policy Paper: Government Food Strategy, Defra (13th June 2022)
[xii] EA, ibid, page 8.
[xiii] Science Note: Soil Carbon, BSSS (2021).
[xiv] The State of Nature 2019, The State of Nature Partnership (2019).
[xv] House of Commons Environment Audit Committee: Biodiversity in the UK, bloom or bust? First report of session 2021-22 (23 June 2021).

Appendix E Q12.0.3 Extract from Schywter and Vaughan

INTRODUCTION TO SOIL SCIENCE LABORATORY MANUAL (SCHWYTER AND VAUGHAN)

Anna R. Schwyter & Karen L. Vaughan
University of Wyoming

University of Wyoming Libraries

Mountain Scholar

UW Open Education Resources (OER)

2020

Intro to Soil Science Laboratory Manual

Anna R. Schwyter

University of Wyoming, [redacted]

Karen L. Vaughan

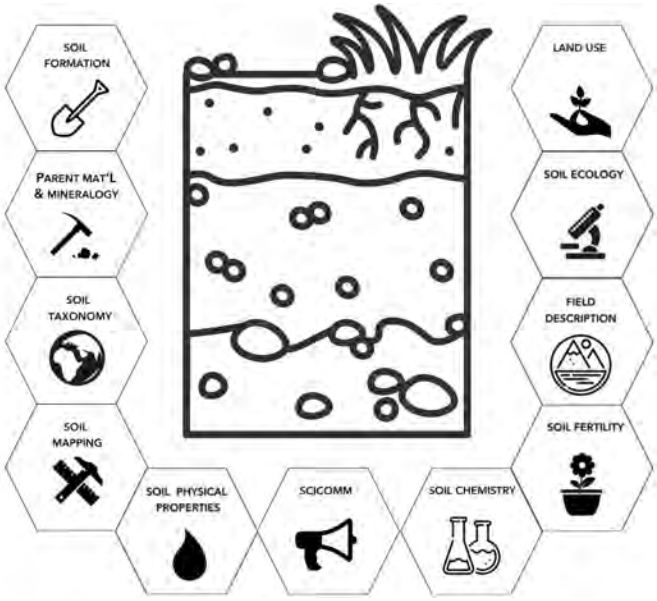
University of Wyoming, [redacted]

Introduction to Soil Science Laboratory Manual

Anna R. Schwyter

Karen L. Vaughan

2020



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9.7: Slope and Runoff

The steepness of slope is determined in percent (%) calculated as [(rise/run) x 100] using an **Abney level** or **clinometer**. The Abney level or clinometer is held at eye level and parallel to the slope. The level is adjusted allowing the % slope to be read directly. The absolute percent slope is the same whether sighting up slope or down slope.

The amount of soil erosion is directly related to the amount of **surface water runoff**, which depends on the water infiltration rate and the % slope. The steeper the slope and the less rapid the water infiltration rate, the more rapid the water runoff rate for a given soil. Soils having granular structure and high porosity have slower water runoff rates than do soils with massive structure and low porosity. This occurs because more water infiltrates into granular soils with less total water being available for over the surface water runoff when compared to massive soils. Other factors including vegetative cover, the type of vegetation, and the soil moisture content influence the surface water runoff rate. The greater the extent of plant vegetation covering the soil, the less soil erosion because the plant tissue intercepts the falling rain drops and greatly dissipates the energy of the falling water mass from directly hitting the soil. If a soil is moister, it requires less rainfall to reach the point where the soil becomes saturated (all pores filled) and water runoff occurs. Generally, as surface water runoff increases, soil erosion increases. The following table can be used to estimate the surface runoff rate using soil texture and the percentage of slope.

Table 2. Slopes, texture of surface horizons, and surface water runoff rates.

Slope (%)	Textural class	Water runoff rate
0-1	All textural classes	Very slow
1-2	Sands and loamy sands	Very slow
1-2	All textures except sands and loamy sands	Slow
2-6	Sands and loamy sands	Slow
2-6	All textures except sands and loamy sands	Medium
6-12	Sands and loamy sands	Medium
6-12	Sandy loams, sandy clay loams, loams, clay loams, silt loams, silty clay loams	Rapid
6-12	Silty clay, clay, sandy clay	Very rapid
12-18	Sands and loamy sands	Rapid
12-18	All textures except sands and loamy sands	Very rapid
>18	All textures	Very rapid