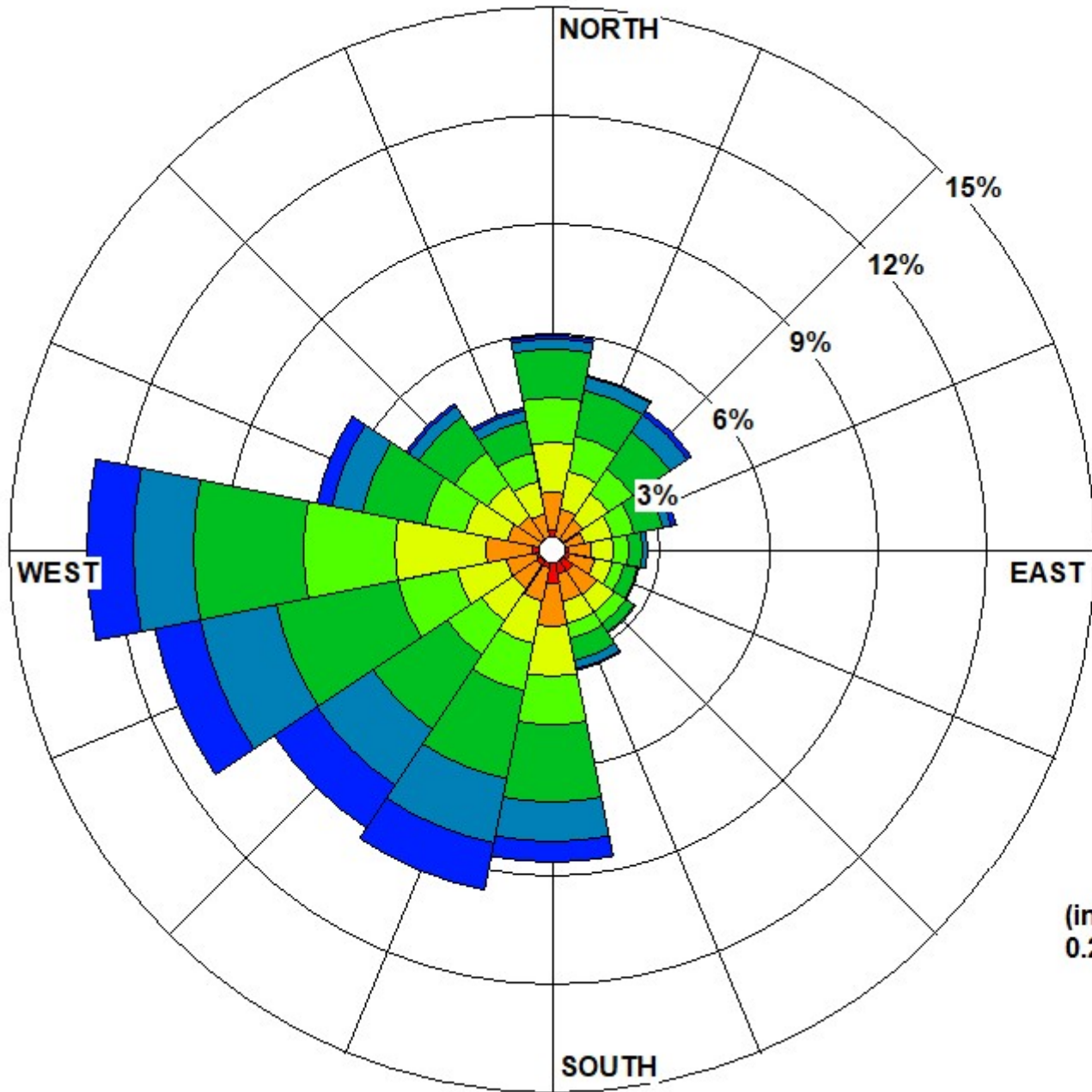


PINS document reference 5.4.22.3

APPENDIX ES22.3
DRY HOURS WIND ROSE

Wittering, UK 2000-2019



Wind Speed
(m/s)

- >= 9.0
- 7.0 - 9.0
- 5.0 - 7.0
- 4.0 - 5.0
- 3.0 - 4.0
- 2.0 - 3.0
- 0.5 - 2.0

Calms: 0.98%

(includes hours with less than
0.2 mm of precipitation)

Wittering, UK winds measured during hours with less than 0.2 mm liquid equivalent precipitation 2000-2019.

FREQUENCY TABLE

	Wind direction (deg. True)																ALL OBS
	348.75 to 11.25	11.25 to 33.75	33.75 to 56.25	56.25 to 78.75	78.75 to 101.25	101.25 to 123.75	123.75 to 146.25	146.25 to 168.75	168.75 to 191.25	191.25 to 213.75	213.75 to 236.25	236.25 to 258.75	258.75 to 281.25	281.25 to 303.75	303.75 to 326.25	326.25 to 348.75	
Mean wind speed (m/s)	11.25	33.75	56.25	78.75	101.25	123.75	146.25	168.75	191.25	213.75	236.25	258.75	281.25	303.75	326.25	348.75	
0																	1572
0.5 TO 2	890	615	554	522	753	849	1185	1130	1490	859	850	757	942	616	616	540	13168
2 TO 3	1685	1301	1091	968	1017	1095	1283	1228	1919	1469	1290	1404	2069	1450	1217	1102	21588
3 TO 4	2265	1668	1390	1223	942	787	902	970	2268	1938	1649	2201	3991	1886	1703	1454	27237
4 TO 5	1971	1607	1340	1060	699	543	593	739	2096	2155	1828	2669	4025	1834	1737	1324	26220
5 TO 7	2082	2057	1955	1236	665	578	428	970	3471	3982	4013	5478	4910	2813	1901	1482	38021
7 TO 9	518	585	885	433	188	80	77	365	1719	2855	2965	3408	2697	1422	564	448	19209
>=9	102	114	293	186	27	14	4	81	913	2182	2260	2094	2054	630	134	99	11187
Missing/Incomplete																	3011
ALL OBS	9513	7947	7508	5628	4291	3946	4472	5483	13876	15440	14855	18011	20688	10651	7872	6449	161213

PERCENTAGE TABLE

	Wind direction (deg. True)																ALL OBS
	348.75 to 11.25	11.25 to 33.75	33.75 to 56.25	56.25 to 78.75	78.75 to 101.25	101.25 to 123.75	123.75 to 146.25	146.25 to 168.75	168.75 to 191.25	191.25 to 213.75	213.75 to 236.25	236.25 to 258.75	258.75 to 281.25	281.25 to 303.75	303.75 to 326.25	326.25 to 348.75	
Mean wind speed (m/s)	11.25	33.75	56.25	78.75	101.25	123.75	146.25	168.75	191.25	213.75	236.25	258.75	281.25	303.75	326.25	348.75	
0																	0.975%
0.5 TO 2	0.552%	0.381%	0.344%	0.324%	0.467%	0.527%	0.735%	0.701%	0.924%	0.533%	0.527%	0.470%	0.584%	0.382%	0.382%	0.335%	8.168%
2 TO 3	1.045%	0.807%	0.677%	0.600%	0.631%	0.679%	0.796%	0.762%	1.190%	0.911%	0.800%	0.871%	1.283%	0.899%	0.755%	0.684%	13.391%
3 TO 4	1.405%	1.035%	0.862%	0.759%	0.584%	0.488%	0.560%	0.602%	1.407%	1.202%	1.023%	1.365%	2.476%	1.170%	1.056%	0.902%	16.895%
4 TO 5	1.223%	0.997%	0.831%	0.658%	0.434%	0.337%	0.368%	0.458%	1.300%	1.337%	1.134%	1.656%	2.497%	1.138%	1.077%	0.821%	16.264%
5 TO 7	1.291%	1.276%	1.213%	0.767%	0.412%	0.359%	0.265%	0.602%	2.153%	2.470%	2.489%	3.398%	3.046%	1.745%	1.179%	0.919%	23.584%
7 TO 9	0.321%	0.363%	0.549%	0.269%	0.117%	0.050%	0.048%	0.226%	1.066%	1.771%	1.839%	2.114%	1.673%	0.882%	0.350%	0.278%	11.915%
>=9	0.063%	0.071%	0.182%	0.115%	0.017%	0.009%	0.002%	0.050%	0.566%	1.353%	1.402%	1.299%	1.274%	0.391%	0.083%	0.061%	6.939%
Missing/Incomplete																	1.868%
ALL OBS	5.901%	4.930%	4.657%	3.491%	2.662%	2.448%	2.774%	3.401%	8.607%	9.577%	9.215%	11.172%	12.833%	6.607%	4.883%	4.000%	100.000%

Note 1. The true wind direction is the direction from which the wind is blowing.