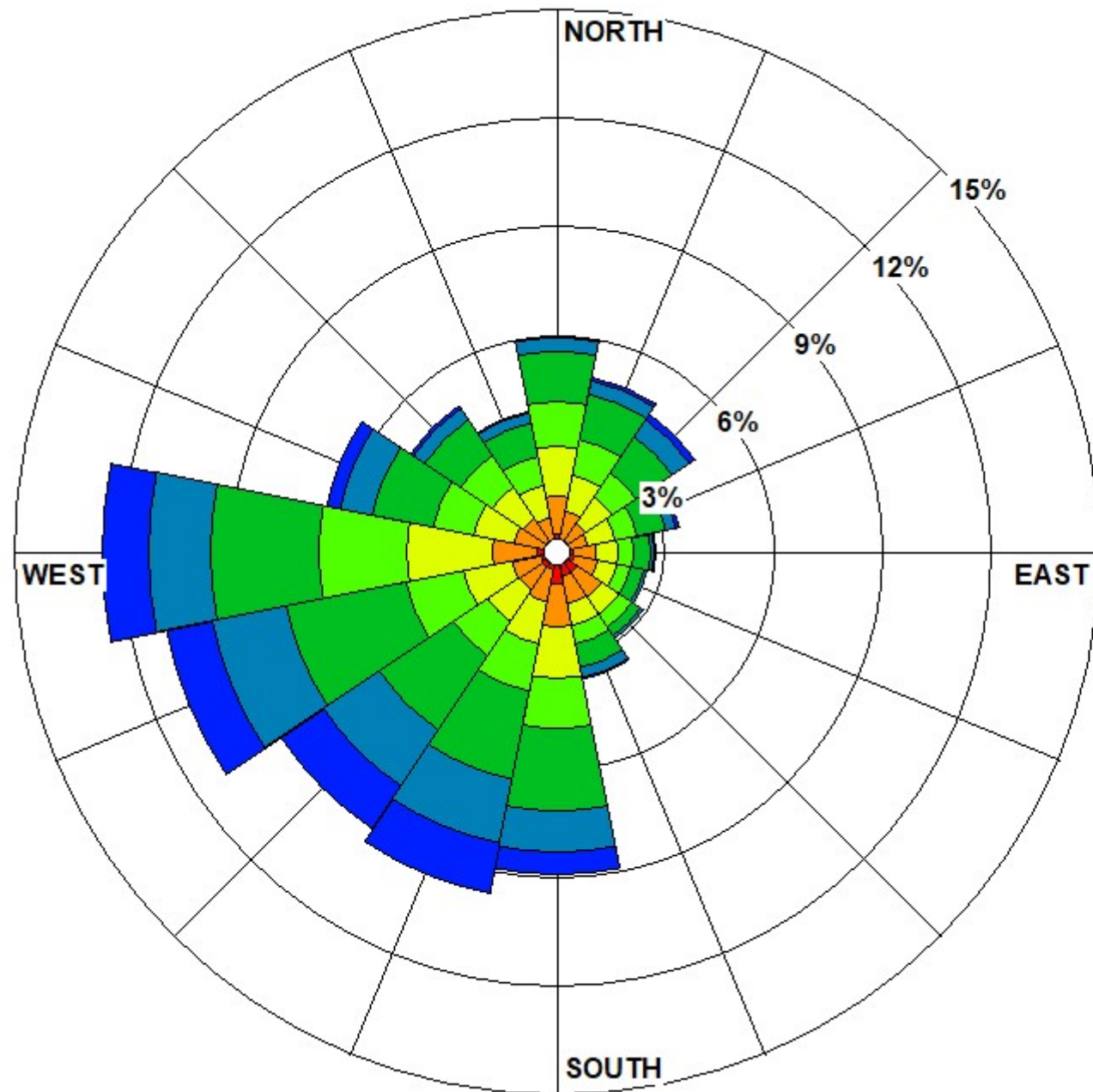


*PINS document reference 5.4.22.2*

**APPENDIX ES22.2**  
**ALL HOURS WIND ROSE**

# Wittering, UK 2000-2019



Wittering, UK winds 2000-2019.

**FREQUENCY TABLE**

	Wind direction (deg. True)																
	348.75	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	
	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	
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	<b>ALL OBS</b>
0																	<b>1680</b>
0.5 TO 2	939	650	582	550	802	914	1249	1200	1570	902	881	793	976	646	651	570	<b>13875</b>
2 TO 3	1786	1379	1144	1023	1090	1190	1375	1334	2051	1554	1366	1478	2170	1521	1295	1168	<b>22924</b>
3 TO 4	2429	1781	1478	1300	1053	873	1040	1118	2484	2091	1795	2319	4137	1971	1825	1566	<b>29260</b>
4 TO 5	2133	1701	1424	1128	773	643	700	895	2388	2315	1984	2842	4220	1952	1873	1413	<b>28384</b>
5 TO 7	2372	2266	2099	1347	787	691	529	1179	3984	4324	4314	5858	5223	3030	2059	1619	<b>41681</b>
7 TO 9	637	662	958	498	232	120	113	458	1998	3130	3185	3655	2951	1530	627	494	<b>21248</b>
>=9	139	174	356	204	41	26	6	116	1096	2419	2481	2275	2266	705	144	107	<b>12555</b>
Missing/Incomplete																	<b>3089</b>
<b>ALL OBS</b>	<b>10435</b>	<b>8613</b>	<b>8041</b>	<b>6050</b>	<b>4778</b>	<b>4457</b>	<b>5012</b>	<b>6300</b>	<b>15571</b>	<b>16735</b>	<b>16006</b>	<b>19220</b>	<b>21943</b>	<b>11355</b>	<b>8474</b>	<b>6937</b>	<b>174696</b>

**PERCENTAGE TABLE**

	Wind direction (deg. True)																
	348.75	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	
	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	
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	<b>ALL OBS</b>
0																	<b>0.962%</b>
0.5 TO 2	0.538%	0.372%	0.333%	0.315%	0.459%	0.523%	0.715%	0.687%	0.899%	0.516%	0.504%	0.454%	0.559%	0.370%	0.373%	0.326%	<b>7.942%</b>
2 TO 3	1.022%	0.789%	0.655%	0.586%	0.624%	0.681%	0.787%	0.764%	1.174%	0.890%	0.782%	0.846%	1.242%	0.871%	0.741%	0.669%	<b>13.122%</b>
3 TO 4	1.390%	1.019%	0.846%	0.744%	0.603%	0.500%	0.595%	0.640%	1.422%	1.197%	1.027%	1.327%	2.368%	1.128%	1.045%	0.896%	<b>16.749%</b>
4 TO 5	1.221%	0.974%	0.815%	0.646%	0.442%	0.368%	0.401%	0.512%	1.367%	1.325%	1.136%	1.627%	2.416%	1.117%	1.072%	0.809%	<b>16.248%</b>
5 TO 7	1.358%	1.297%	1.202%	0.771%	0.450%	0.396%	0.303%	0.675%	2.281%	2.475%	2.469%	3.353%	2.990%	1.734%	1.179%	0.927%	<b>23.859%</b>
7 TO 9	0.365%	0.379%	0.548%	0.285%	0.133%	0.069%	0.065%	0.262%	1.144%	1.792%	1.823%	2.092%	1.689%	0.876%	0.359%	0.283%	<b>12.163%</b>
>=9	0.080%	0.100%	0.204%	0.117%	0.023%	0.015%	0.003%	0.066%	0.627%	1.385%	1.420%	1.302%	1.297%	0.404%	0.082%	0.061%	<b>7.187%</b>
Missing/Incomplete																	<b>1.768%</b>
<b>ALL OBS</b>	<b>5.973%</b>	<b>4.930%</b>	<b>4.603%</b>	<b>3.463%</b>	<b>2.735%</b>	<b>2.551%</b>	<b>2.869%</b>	<b>3.606%</b>	<b>8.913%</b>	<b>9.579%</b>	<b>9.162%</b>	<b>11.002%</b>	<b>12.561%</b>	<b>6.500%</b>	<b>4.851%</b>	<b>3.971%</b>	<b>100.000%</b>

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