

Table 2.18(k) Annual and seasonal average percentage frequencies of hourly wind speed by temperature: Nottingham (1982–2011)

Temperature / °C	Percentage frequency for stated range of wind speed / m·s ⁻¹															All speeds	
	0–2	2–4	4–6	6–8	8–10	10–12	12–14	14–16	16–18	18–20	20–22	22–24	24–26	26–28	28–30		30–32
Annual average																	
–12 to –10.1	0.01	0.00															0.01
–10 to –8.1	0.01	0.01	0.00														0.02
–8 to –6.1	0.04	0.02	0.01														0.07
–6 to –4.1	0.12	0.08	0.04	0.02	0.00	0.00											0.26
–4 to –2.1	0.31	0.40	0.10	0.05	0.02	0.01											0.89
–2 to –0.1	0.69	1.30	0.44	0.17	0.09	0.01											2.70
0 to 1.9	1.20	2.78	1.19	0.44	0.09	0.03	0.01										5.74
2 to 3.9	1.48	3.68	2.09	0.79	0.21	0.04	0.01	0.00									8.29
4 to 5.9	1.69	4.31	2.84	1.14	0.33	0.07	0.02	0.00									10.40
6 to 7.9	1.82	4.67	3.39	1.59	0.46	0.10	0.01	0.01									12.05
8 to 9.9	1.99	4.83	3.48	1.72	0.55	0.12	0.02	0.01									12.71
10 to 11.9	2.17	4.83	3.18	1.54	0.52	0.13	0.02	0.00									12.38
12 to 13.9	2.08	4.72	3.04	1.14	0.35	0.07	0.01	0.00									11.40
14 to 15.9	1.55	3.85	2.55	0.82	0.18	0.02											8.97
16 to 17.9	1.05	2.61	1.90	0.55	0.11	0.01											6.21
18 to 19.9	0.61	1.57	1.12	0.33	0.06	0.01											3.69
20 to 21.9	0.34	0.94	0.62	0.19	0.02	0.00											2.11
22 to 23.9	0.19	0.54	0.30	0.07	0.01												1.12
24 to 25.9	0.09	0.28	0.15	0.04	0.01												0.57
26 to 27.9	0.04	0.14	0.08	0.03													0.28
28 to 29.9	0.01	0.05	0.03	0.01													0.10
30 to 31.9	0.01	0.01	0.01	0.00													0.03
32 to 33.9		0.00															0.00
34 to 35.9		0.00															0.00
36 to 37.9																	
All temps.	17.50	41.60	26.56	10.64	2.99	0.60	0.09	0.02									100.00
Spring average																	
–12 to –10.1																	
–10 to –8.1																	
–8 to –6.1	0.00																0.00
–6 to –4.1	0.02	0.01															0.03
–4 to –2.1	0.10	0.15	0.04	0.01													0.30
–2 to –0.1	0.38	0.77	0.28	0.08	0.02	0.01											1.54
0 to 1.9	0.95	2.23	0.95	0.40	0.08	0.02	0.00										4.64
2 to 3.9	1.53	3.94	2.20	0.85	0.29	0.07	0.01										8.87
4 to 5.9	2.37	5.80	3.80	1.42	0.40	0.08	0.01										13.88
6 to 7.9	2.80	7.24	5.00	2.26	0.58	0.11	0.01	0.01									18.01
8 to 9.9	2.63	7.20	5.25	2.29	0.56	0.11	0.02	0.01									18.06
10 to 11.9	1.73	5.17	4.60	1.97	0.51	0.08	0.00	0.00									14.06
12 to 13.9	1.23	3.27	3.05	1.26	0.41	0.04	0.01	0.00									9.28
14 to 15.9	0.71	2.12	1.78	0.74	0.19	0.02	0.00										5.57
16 to 17.9	0.34	1.18	0.96	0.43	0.08	0.01											3.00
18 to 19.9	0.20	0.60	0.49	0.20	0.05	0.00											1.53
20 to 21.9	0.10	0.30	0.22	0.12	0.01												0.74
22 to 23.9	0.06	0.16	0.09	0.04	0.01												0.35
24 to 25.9	0.02	0.06	0.02	0.01	0.01												0.13
26 to 27.9		0.01	0.00	0.01													0.02
28 to 29.9																	
30 to 31.9																	
32 to 33.9																	
34 to 35.9																	
36 to 37.9																	
All temps.	15.18	40.21	28.75	12.07	3.16	0.56	0.06	0.02									100.00

Table continues

Table 2.20(k) Annual and seasonal average percentage frequencies of hourly wind speed by temperature: Nottingham (1982–2011)— *continued*

Temperature / °C	Percentage frequency for stated range of wind speed / m·s ⁻¹															All speeds	
	0–2	2–4	4–6	6–8	8–10	10–12	12–14	14–16	16–18	18–20	20–22	22–24	24–26	26–28	28–30		30–32
Summer average																	
–12 to –10.1																	
–10 to –8.1																	
–8 to –6.1																	
–6 to –4.1																	
–4 to –2.1																	
–2 to –0.1																	
0 to 1.9																	
2 to 3.9	0.02	0.02															0.04
4 to 5.9	0.09	0.11	0.02														0.22
6 to 7.9	0.49	0.68	0.11	0.01	0.01												1.30
8 to 9.9	1.63	2.59	0.63	0.13	0.01												4.99
10 to 11.9	3.30	6.54	2.03	0.44	0.04	0.01											12.36
12 to 13.9	4.45	9.50	4.34	0.90	0.11	0.01											19.31
14 to 15.9	4.09	9.32	5.19	1.21	0.14	0.03											19.99
16 to 17.9	3.22	7.23	4.87	1.15	0.20	0.01											16.69
18 to 19.9	1.93	4.80	3.36	0.82	0.12	0.01											11.04
20 to 21.9	1.12	3.05	2.00	0.55	0.06	0.01											6.79
22 to 23.9	0.68	1.81	1.00	0.22	0.03												3.73
24 to 25.9	0.33	0.95	0.54	0.15	0.02												1.99
26 to 27.9	0.16	0.50	0.29	0.10													1.04
28 to 29.9	0.04	0.18	0.12	0.03													0.38
30 to 31.9	0.03	0.05	0.04	0.01													0.13
32 to 33.9	0.00	0.01	0.00														0.02
34 to 35.9		0.00	0.00														0.01
36 to 37.9																	
All temps.	21.59	47.34	24.53	5.73	0.73	0.07											100.00
Autumn average																	
–12 to –10.1																	
–10 to –8.1	0.00																0.00
–8 to –6.1	0.01	0.00															0.01
–6 to –4.1	0.01	0.02															0.03
–4 to –2.1	0.13	0.10	0.01	0.00													0.24
–2 to –0.1	0.34	0.50	0.10	0.01													0.95
0 to 1.9	0.73	1.52	0.32	0.09	0.01	0.01											2.67
2 to 3.9	1.30	2.61	1.05	0.20	0.04	0.00	0.00	0.00									5.19
4 to 5.9	2.04	4.07	1.84	0.50	0.09	0.01											8.54
6 to 7.9	2.58	5.97	3.18	0.97	0.23	0.04	0.00	0.00									12.97
8 to 9.9	3.19	7.25	4.44	1.37	0.42	0.06	0.01	0.00									16.72
10 to 11.9	3.56	7.12	4.69	1.95	0.54	0.09	0.00										17.95
12 to 13.9	2.61	6.03	4.52	1.97	0.47	0.08	0.00										15.67
14 to 15.9	1.40	3.92	3.21	1.32	0.37	0.02											10.23
16 to 17.9	0.62	2.01	1.73	0.61	0.14	0.01											5.12
18 to 19.9	0.29	0.88	0.65	0.29	0.07	0.01											2.18
20 to 21.9	0.14	0.39	0.26	0.08	0.02	0.00											0.89
22 to 23.9	0.04	0.19	0.12	0.03	0.01												0.39
24 to 25.9	0.02	0.08	0.05	0.02													0.17
26 to 27.9		0.03	0.03	0.01													0.07
28 to 29.9			0.01														0.01
30 to 31.9																	
32 to 33.9																	
34 to 35.9																	
36 to 37.9																	
All temps.	19.00	42.68	26.18	9.40	2.40	0.33	0.01	0.01									100.00

Table continues

