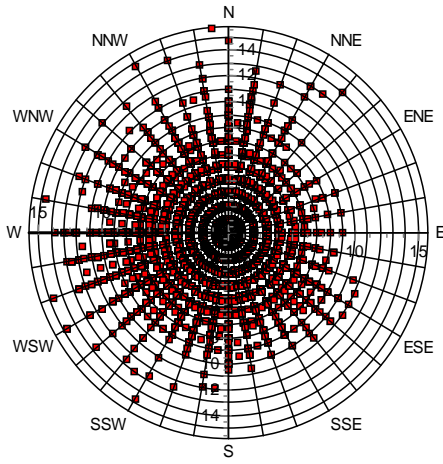


Project: Dobele
 Description: Data from clipboard

Printed/Page: 25-03-2002 11:31 / 1
 Licensed user: Energi- og Miljødata
 Niels Jernesvej 10
 9220 Aalborg Ø
 Tlf.: 9635 4444
 Per Nielsen
 Calculated: 25-03-2002 11:31/

Meteo data report, height: 12.8

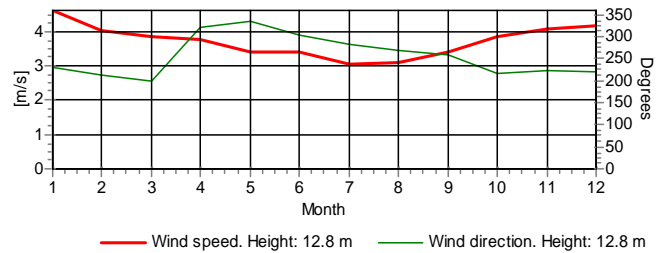
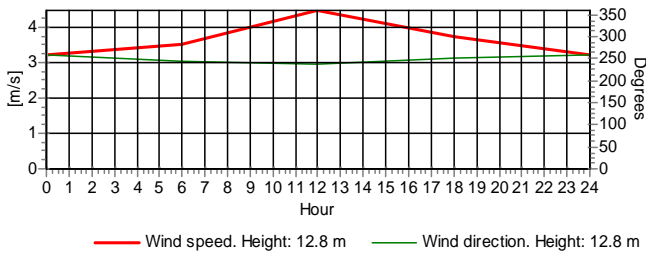
Name of meteo object: Doebele 1981-90



Montly mean values of wind speed in m/s

Month	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	mean
jan	5.2	5.0	5.3	5.2	2.8	4.0	3.2	4.9	5.7	5.1	4.6
feb	4.3	3.2	4.0	3.4	3.2	3.3	3.9	3.9	5.8	5.5	4.0
mar	4.0	4.4	3.7	3.0	3.5	3.9	3.1	2.5	4.4	6.2	3.9
apr	4.0	4.5	3.1	3.5	3.4	3.7	4.0	4.0	4.2	3.3	3.8
maj	3.3	4.1	2.6	3.1	3.1	3.0	4.3	3.3	3.5	3.7	3.4
jun	4.2	3.7	3.6	3.2	3.1	3.2	3.2	3.3	3.5	3.3	3.4
jul	3.1	3.3	3.1	2.4	3.0	3.2	3.4	2.6	3.2	3.3	3.1
aug	3.6	2.8	2.9	2.6	2.9	2.5	3.2	3.4	4.1	2.9	3.1
sep	3.5	2.9	3.7	3.0	3.6	3.3	4.0	4.0	3.0	3.2	3.4
okt	4.3	2.5	4.7	3.8	3.7	3.5	3.5	4.3	4.0	4.2	3.9
nov	4.8	4.5	4.6	2.8	3.6	4.5	3.5	4.4	4.4	3.5	4.1
dec	4.1	3.8	4.5	3.4	3.2	4.3	3.9	5.2	4.4	4.8	4.2
mean	4.0	3.7	3.8	3.3	3.3	3.5	3.6	3.8	4.2	4.1	3.7

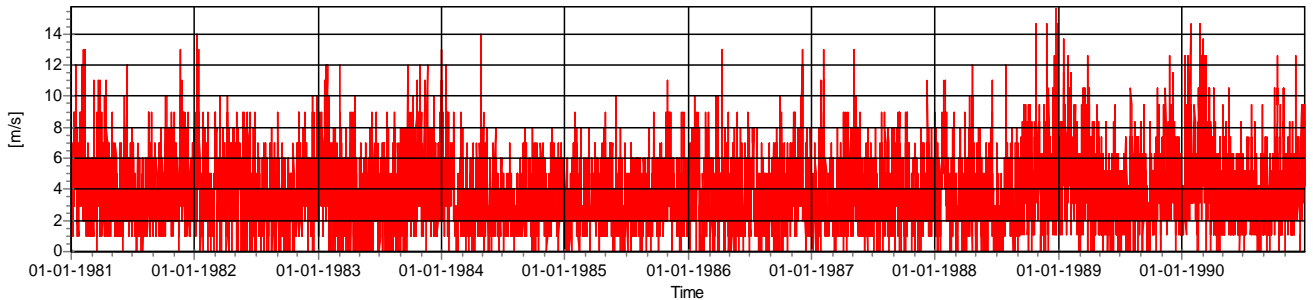
Wind speed [m/s]



— Wind speed. Height: 12.8 m — Wind direction. Height: 12.8 m

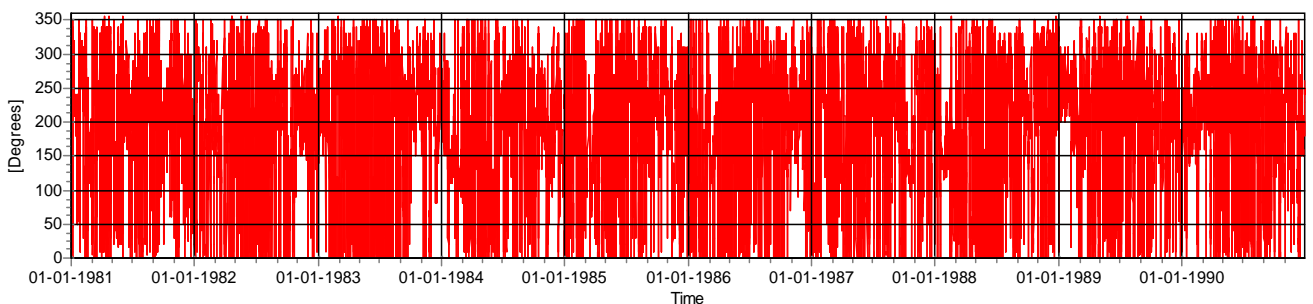
— Wind speed. Height: 12.8 m — Wind direction. Height: 12.8 m

Wind speed



— Height: 12.8 m

Wind direction



— Height: 12.8 m

Project: **Dobele**
 Description: Data from clipboard

Printed/Page
 25-03-2002 11:31 / 2
 Licensed user:
Energi- og Miljødata
 Niels Jernesvej 10
 9220 Aalborg Ø
 Tlf.: 9635 4444
 Per Nielsen
 Calculated:
 25-03-2002 11:31/

Meteo data report, height: 12.8

Name of meteo object: Doebele 1981-90

Frequency

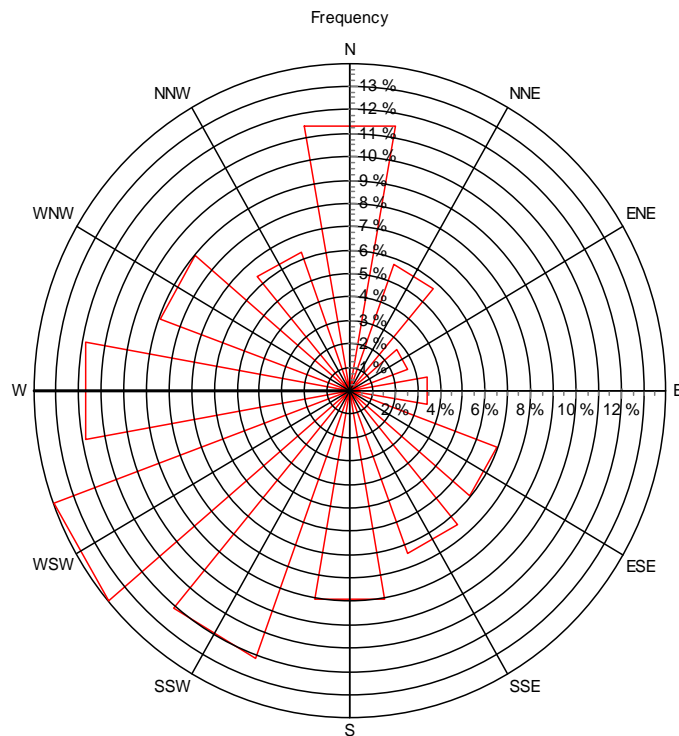
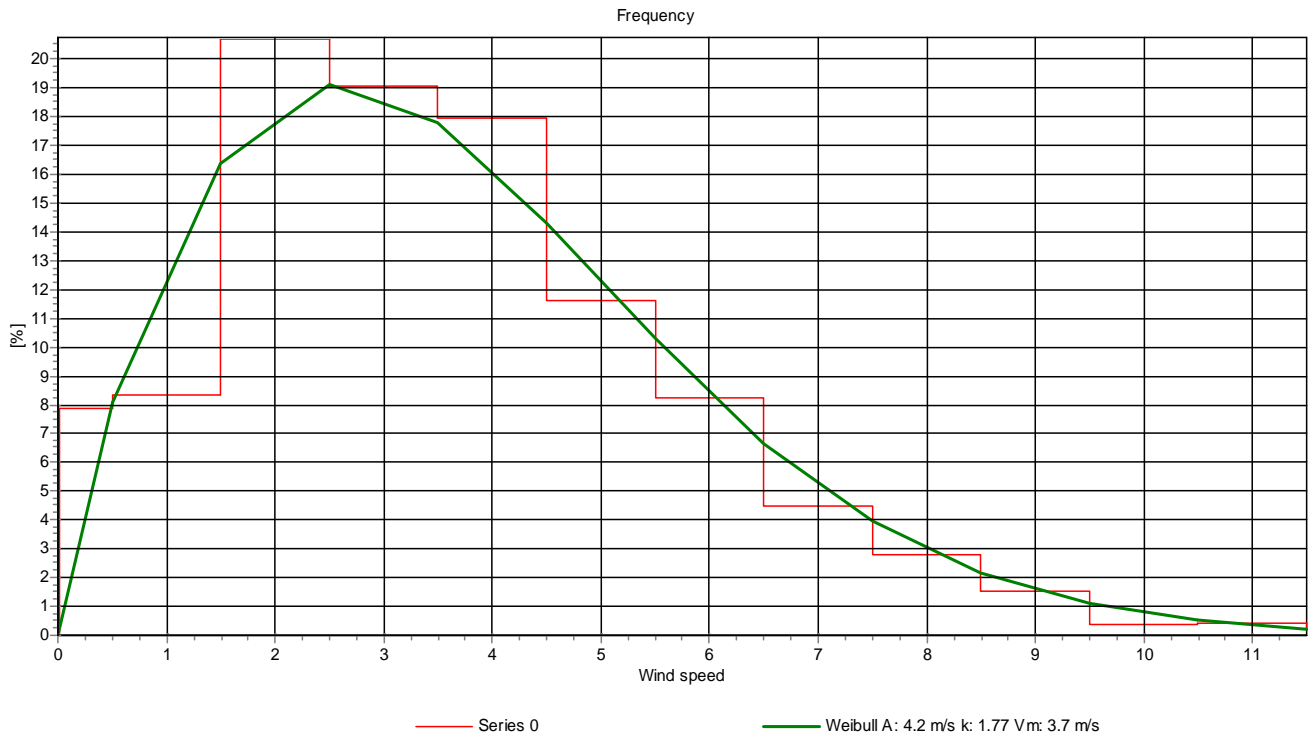
Wind speed m/s	Sum	N	NNE	ENE	E	ESE	SSE	S	SSW	WSW	W	WNW	NNW
0.00 - 0.49	575	575	0	0	0	0	0	0	0	0	0	0	0
0.50 - 1.49	1,216	97	89	86	82	123	93	106	161	118	88	92	81
1.50 - 2.49	3,025	211	230	120	153	234	229	273	426	392	279	282	196
2.50 - 3.49	2,788	206	220	77	105	178	203	302	375	371	312	261	178
3.50 - 4.49	2,625	213	141	62	85	189	191	245	341	383	350	262	163
4.50 - 5.49	1,695	141	62	17	39	123	151	165	183	277	252	163	122
5.50 - 6.49	1,205	96	49	20	27	77	123	130	128	185	172	104	94
6.50 - 7.49	659	58	15	7	8	46	46	44	76	131	122	64	42
7.50 - 8.49	408	34	12	3	5	24	24	20	55	101	63	43	24
8.50 - 9.49	220	20	9	2	2	10	19	22	17	42	49	18	10
9.50 - 10.49	57	7	1	0	0	4	5	5	1	11	10	8	5
10.50 - 11.49	65	8	1	0	0	6	1	3	4	14	19	4	5
11.50 - 12.49	32	3	2	0	0	0	0	2	1	6	11	6	1
12.50 - 13.49	26	2	3	0	0	0	0	0	4	6	7	3	1
13.50 - 14.49	4	0	1	0	0	0	0	0	0	1	1	0	1
14.50 - 15.49	7	1	0	0	0	0	0	0	1	3	1	0	1
15.50 - 16.49	1	1	0	0	0	0	0	0	0	0	0	0	0
Sum	14,608	1,673	835	394	506	1,014	1,085	1,317	1,773	2,041	1,736	1,310	924

Project: **Dobele**
 Description: Data from clipboard

Printed/Page: 25-03-2002 11:31 / 3
 Licensed user:
Energi- og Miljødata
 Niels Jernesvej 10
 9220 Aalborg Ø
 Tlf.: 9635 4444
 Per Nielsen
 Calculated:
 25-03-2002 11:31/

Meteo data report, height: 12.8

Name of meteo object: Doebele 1981-90

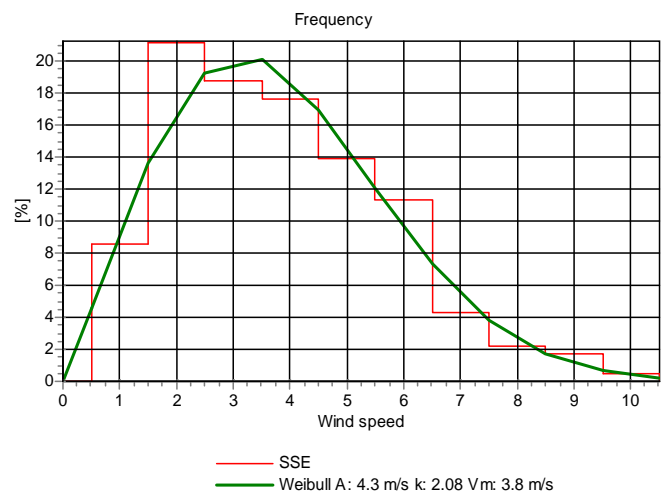
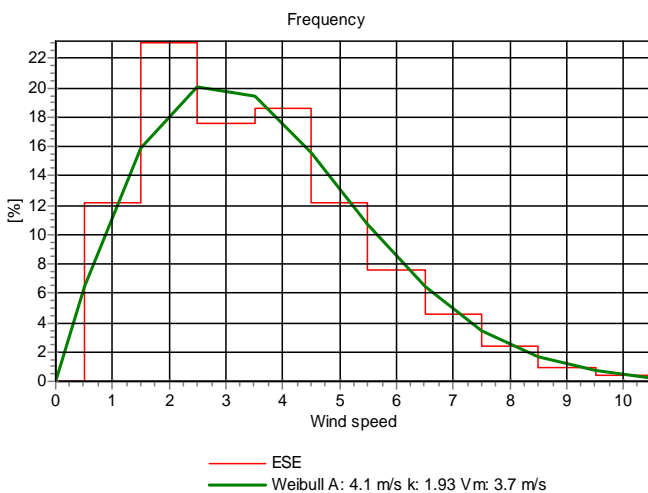
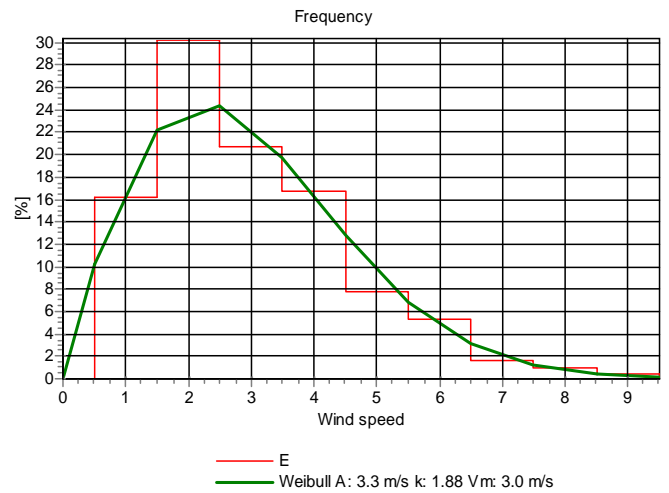
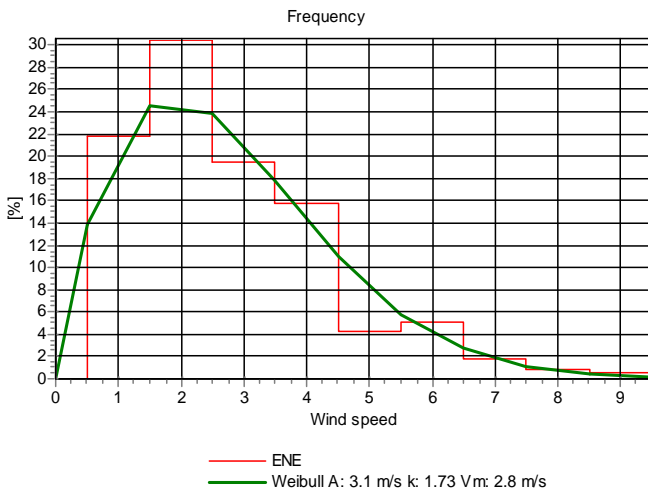
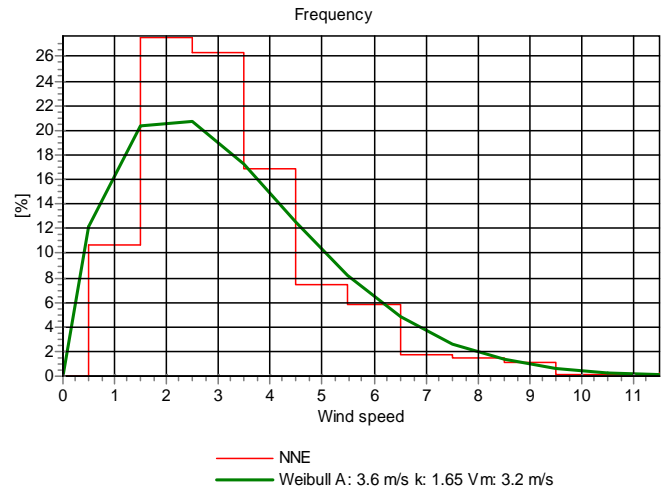
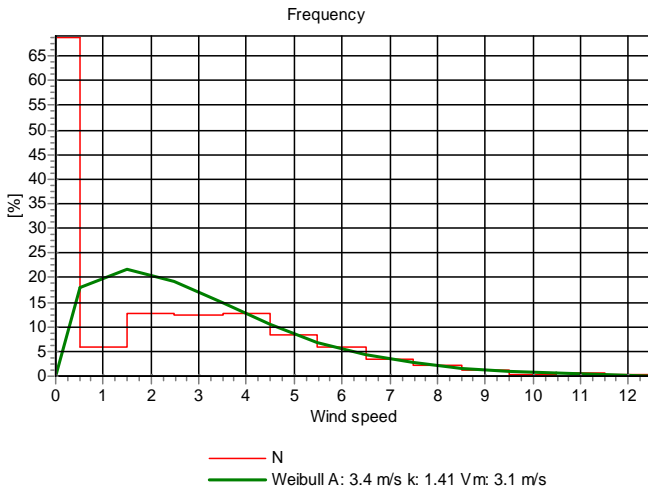


Project: **Dobele**
 Description: Data from clipboard

Printed/Page: 25-03-2002 11:31 / 4
 Licensed user: **Energi- og Miljødata**
 Niels Jernesvej 10
 9220 Aalborg Ø
 Tlf.: 9635 4444
 Per Nielsen
 Calculated: 25-03-2002 11:31/

Meteo data report, height: 12.8

Name of meteo object: Doebele 1981-90

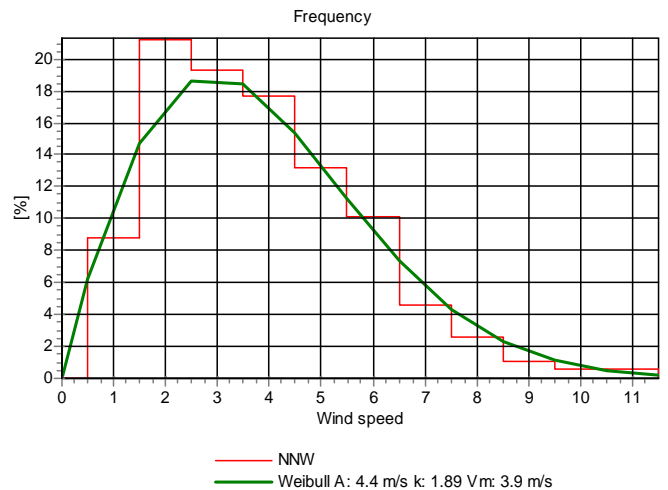
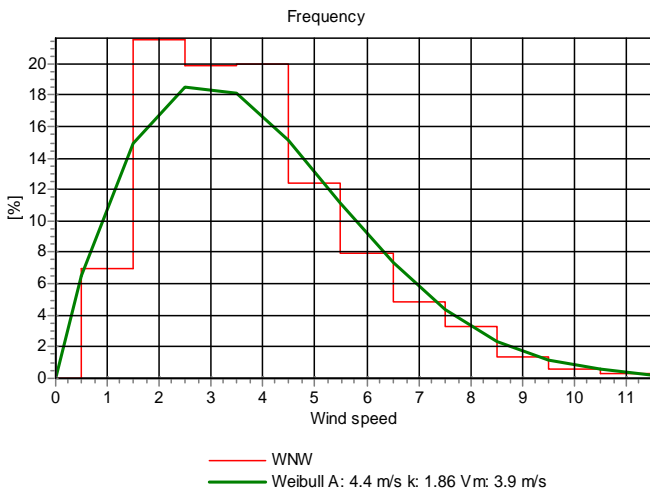
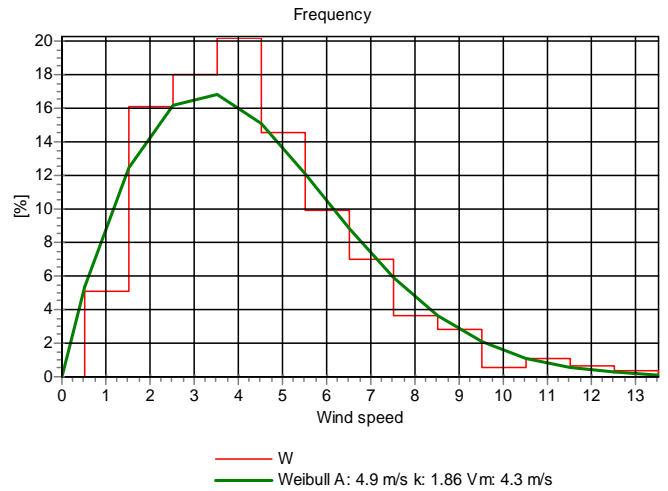
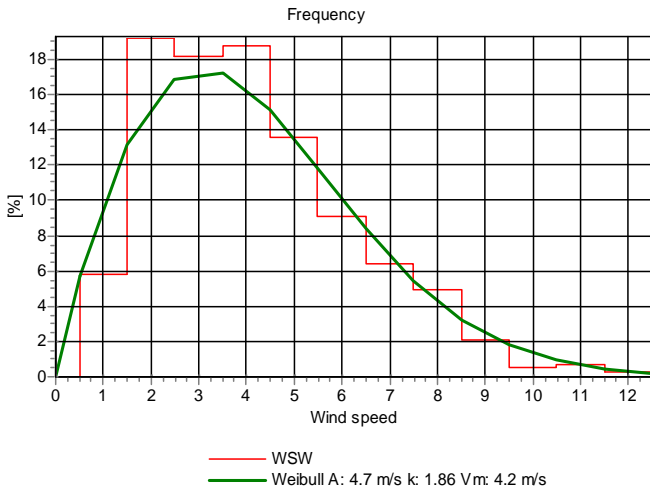
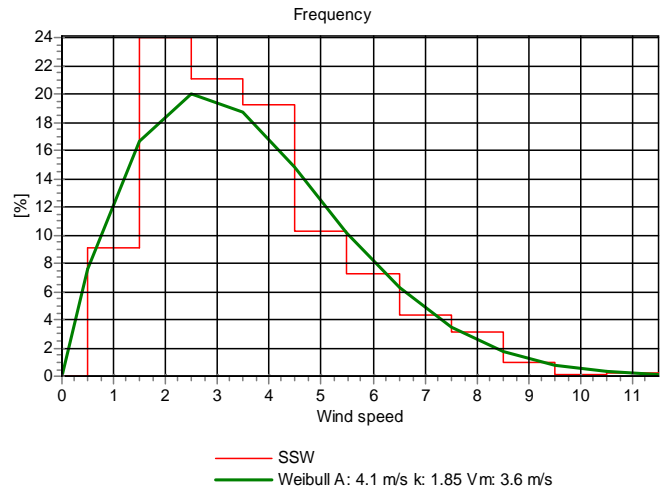
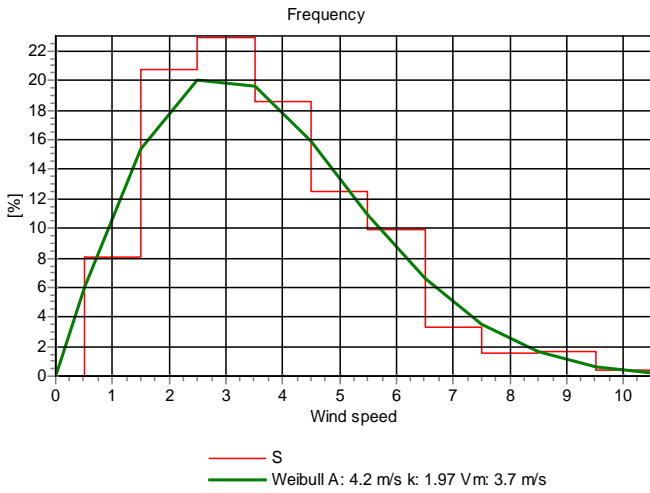


Project: **Dobele**
 Description: Data from clipboard

Printed/Page: 25-03-2002 11:31 / 5
 Licensed user:
Energi- og Miljødata
 Niels Jernesvej 10
 9220 Aalborg Ø
 Tlf.: 9635 4444
 Per Nielsen
 Calculated:
 25-03-2002 11:31/

Meteo data report, height: 12.8

Name of meteo object: Doebele 1981-90



Project: **Dobele**
 Description: Data from clipboard

Printed/Page: 25-03-2002 11:31 / 6
 Licensed user: **Energi- og Miljødata**
 Niels Jernesvej 10
 9220 Aalborg Ø
 Tlf.: 9635 4444
 Per Nielsen
 Calculated: 25-03-2002 11:31/

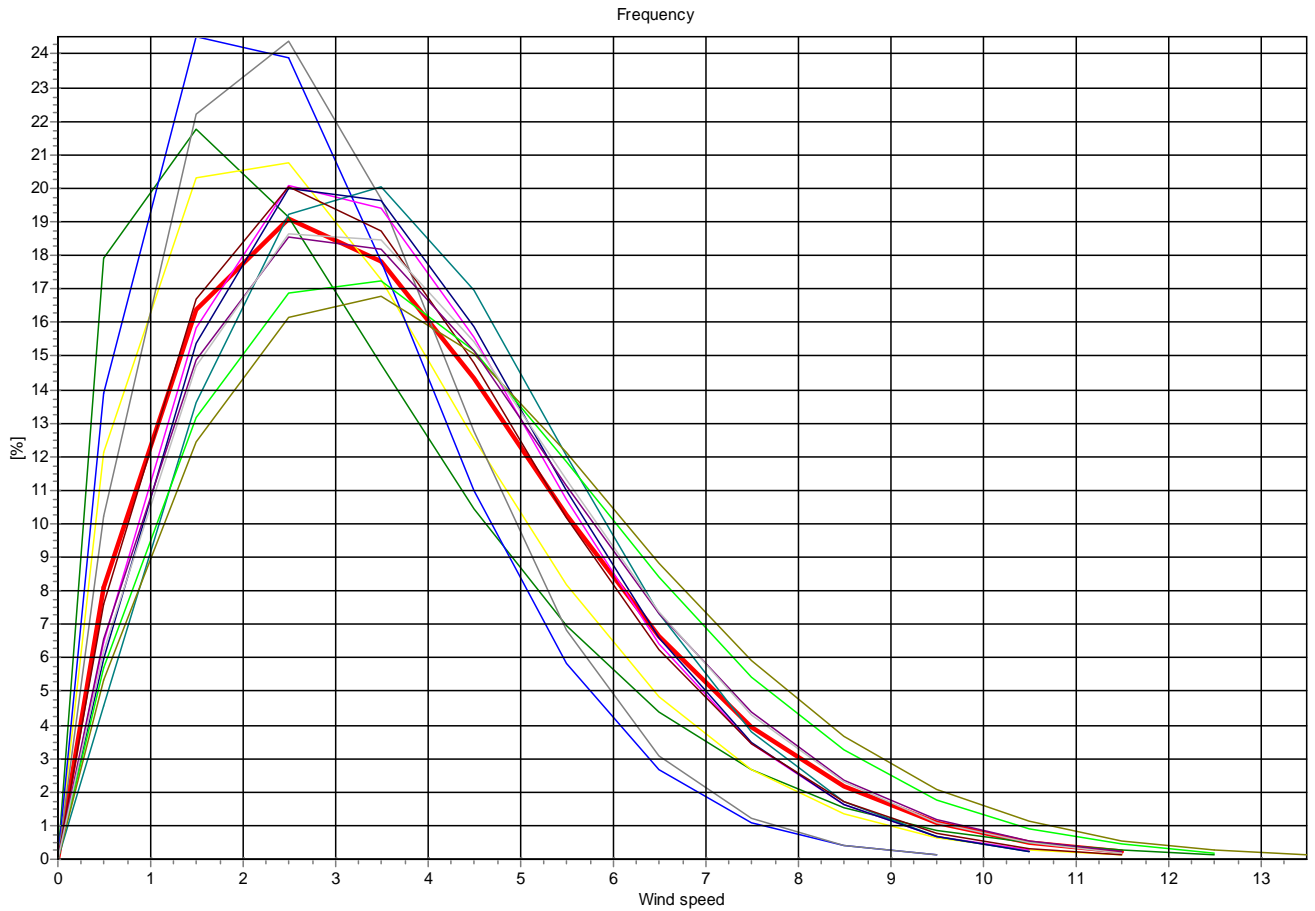
Meteo data report, height: 12.8

Name of meteo object: Doebele 1981-90

Weibull Data

k-parameter correction: 0.0080/m

Sector	A- parameter [m/s]	Mean wind speed [m/s]	k- parameter	Frequency	Frequency [%]	Wind shear
0-N	3.37	3.07	1.406	11.45	11.5	0.00
1-NNE	3.63	3.25	1.646	5.72	5.7	0.00
2-ENE	3.12	2.78	1.734	2.70	2.7	0.00
3-E	3.35	2.97	1.880	3.46	3.5	0.00
4-ESE	4.12	3.66	1.930	6.94	6.9	0.00
5-SSE	4.34	3.84	2.081	7.43	7.4	0.00
6-S	4.16	3.69	1.968	9.02	9.0	0.00
7-SSW	4.06	3.61	1.845	12.14	12.1	0.00
8-WSW	4.70	4.17	1.858	13.97	14.0	0.00
9-W	4.86	4.32	1.862	11.88	11.9	0.00
10-WNW	4.35	3.87	1.858	8.97	9.0	0.00
11-NNW	4.36	3.87	1.891	6.33	6.3	0.00
mean	4.17	3.71	1.771	100.00	100.0	0.00



- Total A: 4.2 m/s k: 1.77 Vm: 3.7 m/s
- ENE A: 3.1 m/s k: 1.73 Vm: 2.8 m/s
- SSE A: 4.3 m/s k: 2.08 Vm: 3.8 m/s
- WSW A: 4.7 m/s k: 1.86 Vm: 4.2 m/s
- NNW A: 4.4 m/s k: 1.89 Vm: 3.9 m/s
- NA: 3.4 m/s k: 1.41 Vm: 3.1 m/s
- E A: 3.3 m/s k: 1.88 Vm: 3.0 m/s
- S A: 4.2 m/s k: 1.97 Vm: 3.7 m/s
- W A: 4.9 m/s k: 1.86 Vm: 4.3 m/s
- NNE A: 3.6 m/s k: 1.65 Vm: 3.2 m/s
- ESE A: 4.1 m/s k: 1.93 Vm: 3.7 m/s
- SSW A: 4.1 m/s k: 1.85 Vm: 3.6 m/s
- WNW A: 4.4 m/s k: 1.86 Vm: 3.9 m/s