

Wind Data Analysis at St. Martin's Island (April '98 – March '99)

Vel Class v(m/s)	Ave. Vel v(m/s)	Freq. h(hrs)	Cumul. Freq.	Rel. Freq. f(v)	Rel. Cumul. f(v)	Vel. Duration	Rel. Vel. Duration	Energy (Wh/m ²) 0.1*v ³ *h
0-1	0.5	218	218	0.0249	0.0249	8542	0.9751	2.173
1-2	1.5	796	1014	0.0909	0.1158	7746	0.8843	268.65
2-3	2.5	1390	2404	0.1587	0.2744	6356	0.7256	2171.86
3-4	3.5	1474	3878	0.1683	0.4427	4882	0.5573	6319.76
4-5	4.5	1437	5315	0.1640	0.6067	3445	0.3933	13094.66
5-6	5.5	1220	6535	0.1393	0.7460	2225	0.25402	20297.75
6-7	6.5	864	7399	0.0986	0.8486	1361	0.1554	23727.6
7-8	7.5	581	7980	0.0663	0.9110	780	0.0890	24510.94
8-9	8.5	358	8338	0.0409	0.9518	422	0.0482	21985.68
9-10	9.5	204	8542	0.0233	0.9751	218	0.0249	17490.45
10-11	10.5	98	8640	0.0112	0.9863	120	0.0137	11344.73
11-12	11.5	48	8688	0.0055	0.9918	72	0.0082	7300.40
12-13	12.5	26	8714	0.0030	0.9947	46	0.0053	5078.13
13-14	13.5	17	8731	0.0019	0.9967	29	0.0033	4182.64
14-15	14.5	10	8741	0.0011	0.9978	19	0.0022	3048.63
15-16	15.5	7	8748	0.0008	0.9986	12	0.0014	2606.71
16-17	16.5	5	8753	0.0006	0.9992	7	0.0008	2246.06
17-18	17.5	4	8757	0.0005	0.9997	3	0.0003	2143.75
18-19	18.5	2	8759	0.0002	0.9999	1	0.0001	1266.33
19-20	19.5	1	8760	0.0001	1.0000	0	0	741.49
			8760					169828.75