

Mandan July 2000-2007

Range	Dir	Count	Upper Limit	Cum. Freq.	Wind Speed->	<=3	>3 - 9	>9 - 15	>15 - 21	>21 - 27	>27
>=348.75 - 11.25	N	392	11.25	392		27	222	136	6	1	
>11.25 - 33.75	NNE	298	33.75	690		28	216	53	1		
>33.75 - 56.25	NE	215	56.25	905		14	163	37	1		
>56.25 - 78.75	ENE	270	78.75	1175		8	175	74	13		
>78.75 - 101.25	E	402	101.25	1577		14	271	104	13		
>101.25 - 123.75	ESE	613	123.75	2190		11	428	163	11		
>123.75 - 146.25	SE	672	146.25	2862		10	382	260	20		
>146.25 - 168.75	SSE	734	168.75	3596		9	309	333	73	10	
>168.75 - 191.25	S	425	191.25	4021		11	231	150	27	6	
>191.25 - 213.75	SSW	230	213.75	4251		18	165	47			
>213.75 - 236.25	SW	135	236.25	4386		16	94	24	1		
>236.25 - 258.75	WSW	142	258.75	4528		23	98	20	1		
>258.75 - 281.25	W	164	281.25	4692		29	89	45	1		
>281.25 - 303.75	WNW	254	303.75	4946		34	99	68	49	4	
>303.75 - 326.25	NW	466	326.25	5412		47	186	164	60	8	1
>326.25 - 348.75	NNW	540	348.75	5952		30	268	180	61	1	

Range	Dir	Count	Upper Limit	Cum. Freq.	Wind Speed->	<=3	>3 - 9	>9 - 15	>15 - 21	>21 - 27	>27
>=348.75 - 11.25	N	6.6%	11.25	6.59%		0.45%	3.73%	2.28%	0.10%	0.02%	
>11.25 - 33.75	NNE	5.0%	33.75	11.59%		0.47%	3.63%	0.89%	0.02%		
>33.75 - 56.25	NE	3.6%	56.25	15.20%		0.24%	2.74%	0.62%	0.02%		
>56.25 - 78.75	ENE	4.5%	78.75	19.74%		0.13%	2.94%	1.24%	0.22%		
>78.75 - 101.25	E	6.8%	101.25	26.50%		0.24%	4.55%	1.75%	0.22%		
>101.25 - 123.75	ESE	10.3%	123.75	36.79%		0.18%	7.19%	2.74%	0.18%		
>123.75 - 146.25	SE	11.3%	146.25	48.08%		0.17%	6.42%	4.37%	0.34%		
>146.25 - 168.75	SSE	12.3%	168.75	60.42%		0.15%	5.19%	5.59%	1.23%	0.17%	
>168.75 - 191.25	S	7.1%	191.25	67.56%		0.18%	3.88%	2.52%	0.45%	0.10%	
>191.25 - 213.75	SSW	3.9%	213.75	71.42%		0.30%	2.77%	0.79%			
>213.75 - 236.25	SW	2.3%	236.25	73.69%		0.27%	1.58%	0.40%	0.02%		
>236.25 - 258.75	WSW	2.4%	258.75	76.08%		0.39%	1.65%	0.34%	0.02%		
>258.75 - 281.25	W	2.8%	281.25	78.83%		0.49%	1.50%	0.76%	0.02%		
>281.25 - 303.75	WNW	4.3%	303.75	83.10%		0.57%	1.66%	1.14%	0.82%	0.07%	
>303.75 - 326.25	NW	7.8%	326.25	90.93%		0.79%	3.13%	2.76%	1.01%	0.13%	0.02%
>326.25 - 348.75	NNW	9.1%	348.75	100.00%		0.50%	4.50%	3.02%	1.02%	0.02%	
						5.53%	57.06%	31.22%	5.68%	0.50%	0.02%