

Table N-2. Seasonal Time-of-Day Wind Patterns at the Simis Ranch Monitoring Site, 1986-1991

Time of Day	Winter (December, January, February)						Spring (March, April, May)					
	Average Wind Direction (degrees)	Average Wind Speed (mph)	Maximum Hourly Average Wind Speed (mph)	Minimum Hourly Average Wind Speed (mph)	Mean of Daily Maximum Wind Speed (mph)	Mean of Daily Minimum Wind Speed (mph)	Average Wind Direction (degrees)	Average Wind Speed (mph)	Maximum Hourly Average Wind Speed (mph)	Minimum Hourly Average Wind Speed (mph)	Mean of Daily Maximum Wind Speed (mph)	Mean of Daily Minimum Wind Speed (mph)
M - 1 a.m.	4	3.7	23.5	0.0	12.1	0.5	3	5.0	25.3	0.0	14.4	1.2
1 - 2 a.m.	5	3.7	20.3	0.0	14.8	0.9	3	4.7	26.8	0.0	16.4	1.3
2 - 3 a.m.	359	3.4	21.3	0.0	13.4	0.8	7	4.6	23.2	0.0	15.9	1.0
3 - 4 a.m.	6	3.3	19.0	0.0	13.9	0.5	6	4.6	24.0	0.0	16.3	1.1
4 - 5 a.m.	6	3.3	26.0	0.0	15.0	0.7	6	4.5	22.6	0.0	16.1	1.4
5 - 6 a.m.	7	3.4	26.0	0.0	15.0	0.7	8	4.3	23.4	0.0	17.7	1.2
6 - 7 a.m.	7	3.3	25.0	0.0	14.7	1.0	39	3.9	24.8	0.0	17.9	1.0
7 - 8 a.m.	9	3.1	26.0	0.0	14.5	0.7	137	4.2	27.5	0.0	19.4	0.9
8 - 9 a.m.	75	3.0	26.0	0.0	16.9	0.7	180	5.2	25.1	0.0	20.4	1.5
9 - 10 a.m.	181	3.5	27.0	0.0	18.2	0.7	181	6.3	31.0	0.0	22.2	2.3
10 - 11 a.m.	187	4.2	32.0	0.0	19.4	1.1	187	7.5	34.0	0.0	23.3	2.9
11 a.m. - N	194	4.6	28.0	0.0	18.7	1.0	191	8.7	31.0	0.0	23.1	3.7
N - 1 p.m.	196	4.9	26.0	0.0	20.0	1.4	201	9.7	29.3	0.0	23.9	4.0
1 - 2 p.m.	200	5.1	26.3	0.0	19.2	1.7	207	10.5	31.7	0.0	24.2	3.9
2 - 3 p.m.	206	5.4	23.0	0.0	19.1	1.5	222	11.2	28.1	0.0	24.0	3.7
3 - 4 p.m.	212	5.0	27.9	0.0	19.1	1.2	238	11.4	27.0	0.0	22.4	3.4
4 - 5 p.m.	257	4.6	27.4	0.0	17.7	0.8	261	11.4	26.5	0.0	21.7	4.2
5 - 6 p.m.	347	4.9	27.2	0.0	17.3	1.1	286	10.6	25.4	0.7	19.7	3.7
6 - 7 p.m.	6	4.8	22.3	0.0	15.7	1.3	318	9.1	28.3	0.6	18.8	3.3
7 - 8 p.m.	6	4.3	23.2	0.0	14.3	1.2	335	7.5	22.0	0.0	17.9	2.2
8 - 9 p.m.	359	4.1	25.2	0.0	13.7	1.2	344	6.1	21.8	0.6	16.7	2.1
9 - 10 p.m.	10	3.9	22.5	0.0	12.3	0.9	351	5.7	24.8	0.0	17.3	1.6
10 - 11 p.m.	8	3.8	22.0	0.0	14.2	1.2	356	5.3	25.1	0.0	16.7	1.4
11 a.m. - M	20	3.7	22.1	0.0	13.8	0.8	349	5.1	30.0	0.0	18.4	1.5