

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### December 2006

Station: Oakland, NJ  
 Latitude: 41° 02' 26" N Longitude: 74° 13' 58" W Elevation (Ground): 272 feet Time Zone: Eastern

Date	Temperature					Humidity	Deg. Days		Precip Ty 1 fog 2 hvy fog 3 thunder 4 ice plt 5 hail 6 glaze 7 duststm 8 smk, hz 9 blw snw	Snow Cvr	Precip		Pressure Adj. to Sea Level			Wind						Sun		
	Maximum	Minimum	Average	Mean	Dew Point		Mean	Heating Base 65°F			Cooling Base 65°F	Water Equivalent	Ice Pellets Snow	Maximum	Minimum	Mean	Avg	Res	Res	Peak			Minute	
																				Speed	Dir		Speed	Dir
1	2	3	4A	4B	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	70.1*	46.1	58.1*	62.2	56	82	7	0	.....	0	0.79	0.0	29.94	29.37	29.694	3.8	3.7	230	31	W	18	230		
2	47.3	36.6	42.0	41.9	25	51	23	0	.....	0	0.00	0.0	30.34	29.77	30.086	3.2	2.9	263	25	W	10	282		
3	45.4	27.6	36.5	34.9	23	63	28	0	.....	0	0.00	0.0	30.44	30.13	30.329	1.1	1.0	216	11	S	6	222		
4	36.9	22.9	29.9	32.0	18	58	35	0	.....	0	0.00	T	30.14	29.99	30.073	2.2	2.1	315	22	N	12	340		
5	34.7	20.5	27.6	28.0	13	55	37	0	.....	0	0.00	0.0	30.38	30.09	30.211	1.9	1.5	265	16	NW	8	311		
6	47.3	18.1	32.7	32.3	22	69	32	0	.....	0	0.00	0.0	30.36	29.97	30.206	2.2	2.2	225	20	SSW	12	220		
7	51.4	23.9	37.7	39.0	27	63	27	0	.....	0	0.00	T	30.03	29.81	29.907	2.5	2.0	281	25	WNW	13	337		
8	27.0	15.7*	21.3*	22.2	4	45	43	0	.....	0	0.00	T	30.31	30.01	30.155	4.5	3.7	298	31	N	17	344		
9	38.0	19.7	28.9	28.5	11	50	36	0	.....	0	0.00	0.0	30.34	30.26	30.295	2.6	2.6	227	13	SW	7	214		
10	53.8	25.8	39.8	36.7	18	49	25	0	.....	0	0.00	0.0	30.28	30.18	30.245	1.8	1.8	233	13	SW	9	230		
11	55.6	28.2	41.9	38.6	25	63	23	0	.....	0	0.00	0.0	30.49	30.27	30.363	1.0	0.5	306	13	NNW	7	358		
12	45.4	33.8	39.6	40.6	33	74	25	0	.....	0	0.00	0.0	30.58	30.43	30.520	0.6	0.5	93	7	ENE	5	74		
13	51.7	39.8	45.8	46.7	44	92	19	0	.....	0	0.28	0.0	30.43	30.02	30.177	0.8	0.6	235	11	W	4	245		
14	56.5	35.0	45.8	43.5	40	87	19	0	.....	0	0.00	0.0	30.03	29.86	29.968	1.3	1.3	225	11	S	7	228		
15	50.1	34.4	42.3	42.4	39	89	23	0	.....	0	0.01	0.0	29.86	29.64	29.733	1.0	0.9	240	16	NW	9	302		
16	47.9	28.4	38.2	40.0	29	66	27	0	.....	0	0.01	0.0	30.18	29.77	30.021	1.8	1.3	301	19	W	11	357		
17	58.4	26.3	42.4	39.8	32	76	23	0	.....	0	0.00	0.0	30.17	29.97	30.069	0.8	0.8	226	12	SW	6	226		
18	55.3	40.2	47.8	47.7	38	70	17	0	.....	0	0.00	0.0	30.17	29.95	30.030	1.8	1.2	317	17	SW	9	334		
19	43.5	27.8	35.7	37.2	22	55	29	0	.....	0	0.00	0.0	30.34	30.16	30.223	1.8	1.6	322	16	NNW	9	344		
20	44.2	25.1	34.7	33.1	21	63	30	0	.....	0	0.00	0.0	30.44	30.28	30.356	1.4	1.2	229	14	WSW	8	216		
21	52.0	25.4	38.7	36.0	24	67	26	0	.....	0	0.00	0.0	30.33	30.17	30.247	0.8	0.7	253	13	W	6	301		
22	40.8	24.7	32.8	33.6	30	86	32	0	.....	0	0.35	0.0	30.41	30.06	30.304	0.6	0.4	21	6	NW	3	59		
23	58.0	40.8	49.4	49.6	43	80	15	0	.....	0	0.91	0.0	30.06	29.66	29.785	2.4	1.8	234	18	W	8	233		
24	50.1	29.8	40.0	43.5	31	63	25	0	.....	0	0.00	0.0	30.21	29.82	29.996	2.8	2.4	265	25	NW	13	351		
25	41.3	26.1	33.7	35.3	30	82	31	0	.....	0	0.31	0.0	30.22	29.65	30.071	0.8	0.3	17	14	N	5	34		
26	50.7	40.2	45.5	44.1	40	86	19	0	.....	0	0.09	0.0	29.65	29.32	29.434	2.3	1.4	285	21	W	9	337		
27	41.3	29.1	35.2	37.8	26	64	30	0	.....	0	0.00	0.0	30.16	29.52	29.842	2.7	2.3	271	26	NW	11	1		
28	47.4	28.5	38.0	38.2	27	65	27	0	.....	0	0.00	0.0	30.43	30.16	30.317	1.3	1.3	229	10	SW	5	221		
29	47.4	27.6	37.5	37.0	28	72	27	0	.....	0	0.00	0.0	30.65	30.43	30.559	0.6	0.6	29	10	ENE	5	353		
30	47.0	27.6	37.3	37.1	26	63	27	0	.....	0	0.00	0.0	30.61	30.25	30.415	1.8	1.1	264	22	NW	11	348		
31	44.6	30.0	37.3	37.2	24	60	27	0	.....	0	0.00	0.0	30.44	30.20	30.361	1.5	0.3	302	22	N	13	1		
Sum	Sum	-----	-----	---	----	Ttl	Ttl						For the month:										---	
1481	906					814	0						2.75	T	30.65	29.32	30.129	1.8	1.2	266	31	W	18	230
Avg	Avg	Avg	Mean	Avg	Avg	----	----						Precip		Season Ttl	Date	Date	-----	----	----		Date	Date	Avg
47.8	29.2	38.5	38.6	28	68.0	----	----						≥.01 inch	8	42.08	T	29	26	-----	----	----		1+	1
Number of Days						Season to Date	Snow, Ice ≥1.0 inch	0	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date									
Max Temperature			Min Temperature			1875	735	Thunder	0	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	1.26	22-23	T	4+	0						-						
0	1	22	0	----	----	Clear	31	Partly Cloudy	0	Cloudy	0													

NOTES:  
 Units are: Temperature=°F, Wind=mph, Pressure=Inches Hg, Precipitation=inches.  
 Data in column 4A are (MAX+MIN) ÷ 2, whereas columns 4B, 5, 6, 15, 16, 23 are means via continuous observations for 24 hours.  
 Column 5: Dew point is calculated from temperature and humidity and is continuously averaged for 24 hours.  
 Data in columns 9, 10, 12 are entered manually by the station observer.  
 Columns 17-18: Resultant wind is calculated by the vector sum of continuous wind observations.  
 Column 23: Sunshine index is measured in Watts/m<sup>2</sup> and is continuously averaged for 24 hours.  
 Data in columns 4B, 5, 6, 15, 16, 23 are updated continuously, there by achieving a "true" mean.

OBSERVER NOTES:  
 December began very active and stormy, then an early-month pattern change resulted in very calm and mild weather for the rest of the month.

## OBSERVATIONS AT 3-HOUR INTERVALS

## December 2006: Oakland, NJ

Hour	DEC 01									DEC 02									DEC 03									
	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust	
01		29.91	0.00	62	56	80	23	3	6	29.81	0.00	45	28	52	22	8	13	30.35	0.00	35	21	56	20	2	6			
04		29.88	0.00	60	56	89	23	0	1	29.90	0.00	42	28	57	24	3	5	30.36	0.00	30	21	70	19	0	2			
07		29.83	0.00	62	60	94	23	1	4	29.98	0.00	38	29	69	20	1	4	30.43	0.00	28	23	82	19	0	0			
10		29.79	0.00	63	62	95	22	3	6	30.07	0.00	44	25	46	27	4	13	30.43	0.00	38	24	56	14	1	2			
13		29.63	0.00	65	63	93	22	3	8	30.10	0.00	47	23	38	34	4	17	30.34	0.00	44	23	44	23	2	9			
16		29.47	0.00	66	63	88	23	4	16	30.18	0.00	44	22	41	24	4	14	30.30	0.00	43	23	45	23	2	5			
19		29.44	0.86	68	60	76	23	12	27	30.26	0.00	40	21	47	27	2	6	30.26	0.00	33	24	68	19	0	0			
22		29.64	0.00	55	33	44	23	6	19	30.31	0.00	37	22	54	26	3	13	30.19	0.00	31	25	78	19	0	1			
		DEC 04									DEC 05									DEC 06								
01		30.09	0.00	30	26	85	19	0	0	30.11	0.00	25	15	66	23	2	5	30.36	0.00	20	16	83	28	1	1			
04		30.02	0.00	33	29	84	18	0	0	30.10	0.00	28	14	55	22	2	5	30.35	0.00	19	15	86	28	0	0			
07		29.99	0.00	36	25	65	34	2	13	30.15	0.00	26	13	58	23	3	5	30.35	0.00	18	15	88	28	0	1			
10		30.07	0.00	33	20	60	33	7	16	30.19	0.00	31	14	49	25	5	12	30.31	0.00	31	20	65	22	1	5			
13		30.07	0.00	36	10	34	30	4	13	30.20	0.00	32	11	41	30	3	11	30.18	0.00	43	25	48	21	7	13			
16		30.09	0.00	34	10	36	26	2	10	30.25	0.00	34	9	35	28	3	9	30.07	0.00	46	25	44	21	5	12			
19		30.13	0.00	30	11	45	26	0	1	30.32	0.00	26	13	56	28	0	0	30.07	0.00	41	28	61	22	2	3			
22		30.13	0.00	26	15	65	23	0	0	30.35	0.00	22	15	75	28	0	1	30.02	0.00	37	31	81	21	2	6			
		DEC 07									DEC 08									DEC 09								
01		29.95	0.00	40	32	74	24	1	3	30.02	0.00	23	2	40	29	5	14	30.30	0.00	20	13	74	21	1	3			
04		29.91	0.00	38	33	81	24	0	2	30.04	0.00	19	-3	38	00	3	11	30.30	0.00	22	13	68	22	1	3			
07		29.91	0.00	36	32	85	24	0	1	30.10	0.00	16	1	50	33	2	9	30.31	0.00	21	12	68	21	1	3			
10		29.90	0.00	45	33	64	23	2	3	30.15	0.00	19	3	49	33	11	30	30.34	0.00	29	9	42	24	3	7			
13		29.81	0.00	50	27	41	23	5	8	30.17	0.00	25	4	39	33	8	26	30.29	0.00	36	11	35	21	3	8			
16		29.85	0.00	45	28	52	29	3	10	30.21	0.00	27	4	37	31	3	15	30.27	0.00	37	11	33	22	4	6			
19		29.91	0.00	38	26	62	26	2	14	30.26	0.00	26	8	46	23	3	11	30.29	0.00	31	10	41	22	3	4			
22		30.01	0.00	26	10	50	31	6	19	30.29	0.00	24	11	59	21	2	4	30.29	0.00	31	9	39	22	2	5			
		DEC 10									DEC 11									DEC 12								
01		30.27	0.00	29	13	50	24	0	2	30.28	0.00	29	25	85	21	2	4	30.48	0.00	35	29	78	07	0	1			
04		30.24	0.00	27	14	56	24	0	1	30.29	0.00	29	25	86	23	1	3	30.52	0.00	37	30	77	07	0	0			
07		30.26	0.00	28	11	49	22	3	4	30.34	0.00	29	25	86	21	0	2	30.55	0.00	37	30	77	07	0	1			
10		30.27	0.00	44	12	27	23	5	12	30.36	0.00	41	30	65	21	0	2	30.58	0.00	44	34	68	08	1	4			
13		30.19	0.00	52	21	29	20	5	10	30.33	0.00	56	22	27	34	5	7	30.54	0.00	45	33	63	08	1	4			
16		30.20	0.00	52	24	34	21	4	10	30.37	0.00	52	23	32	34	3	12	30.53	0.00	44	33	65	13	1	4			
19		30.26	0.00	36	24	62	23	1	2	30.43	0.00	39	26	58	07	0	1	30.52	0.00	42	36	77	10	2	5			
22		30.28	0.00	31	23	73	23	1	1	30.48	0.00	34	27	76	07	0	2	30.46	0.00	41	36	83	03	1	3			
		DEC 13									DEC 14									DEC 15								
01		30.40	0.00	43	39	86	34	0	2	30.02	0.00	40	39	94	22	1	2	29.84	0.00	35	33	93	22	0	1			
04		30.33	0.00	43	39	87	03	0	2	30.00	0.00	36	35	94	23	0	0	29.80	0.00	38	37	96	22	1	1			
07		30.29	0.00	44	41	88	03	1	2	30.01	0.00	38	37	97	23	3	4	29.77	0.00	42	41	97	24	2	3			
10		30.22	0.00	47	46	95	18	2	3	30.02	0.00	45	45	98	21	3	5	29.77	0.00	44	43	98	23	3	5			
13		30.11	0.00	51	50	97	23	1	3	29.95	0.00	55	46	72	22	3	7	29.68	0.00	49	43	80	23	3	6			
16		30.06	0.00	51	50	94	23	2	3	29.92	0.00	55	44	67	22	5	7	29.64	0.00	49	43	78	22	2	4			
19		30.05	0.00	50	49	95	23	2	3	29.94	0.00	44	39	83	22	0	1	29.67	0.00	40	37	88	22	0	0			
22		30.04	0.00	46	43	92	23	0	0	29.89	0.00	37	35	91	22	0	0	29.73	0.00	37	35	93	26	2	11			
		DEC 16									DEC 17									DEC 18								
01		29.79	0.00	41	33	74	23	2	6	30.17	0.00	28	25	90	01	0	0	29.98	0.00	44	39	81	22	0	0			
04		29.83	0.00	43	31	62	22	3	8	30.15	0.00	27	25	92	01	0	0	29.98	0.00	45	40	82	22	1	2			
07		29.96	0.00	40	32	72	21	2	8	30.12	0.00	26	24	92	01	0	2	29.99	0.00	47	44	88	22	1	4			
10		30.05	0.00	45	30	56	35	4	18	30.10	0.00	39	34	84	22	2	3	29.99	0.00	54	47	77	20	2	3			
13		30.06	0.00	48	29	49	34	5	11	29.97	0.00	57	34	41	23	5	12	29.98	0.00	53	44	70	33	5	11			
16		30.09	0.00	43	29	56	03	1	3	30.00	0.00	54	38	55	22	1	3	30.03	0.00	50	36	57	32	0	5			
19		30.16	0.00	34	27	75	01	0	1	30.04	0.00	43	36	77	22	0	0	30.10	0.00	46	33	61	31	5	10			
22		30.18	0.00	30	26	87	01	0	1	30.02	0.00	44	39	81	22	1	2	30.16	0.00	43	26	52	34	2	12			

## MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Ended: Date	23	23	23	23	23	23	23	23	23	23	23	23
Ended: Time	2359	2359	2359	2359	2359	2359	2359	2359	2359	2359	2359	2359

The precipitation amounts may occur at any time during the month. The time indicated is the ending time of the interval. Date and time are not entered for trace amounts.

OBSERVATIONS AT 3-HOUR INTERVALS

December 2006: Oakland, NJ

Hour	DEC 19									DEC 20									DEC 21								
	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust
01		30.17	0.00	40	27	58	30	1	9		30.34	0.00	29	21	72	10	0	2		30.27	0.00	26	21	84	21	0	2
04		30.18	0.00	39	23	53	16	2	10		30.37	0.00	25	21	84	32	1	4		30.24	0.00	27	24	88	21	0	1
07		30.22	0.00	37	22	54	03	0	4		30.39	0.00	27	21	76	07	0	2		30.24	0.00	31	28	86	21	0	1
10		30.24	0.00	38	22	51	31	1	7		30.44	0.00	36	23	59	34	1	5		30.24	0.00	40	29	63	21	2	3
13		30.16	0.00	43	25	48	35	6	11		30.35	0.00	44	20	39	21	4	10		30.19	0.00	51	22	31	32	0	7
16		30.22	0.00	39	20	45	31	5	13		30.33	0.00	43	22	43	22	3	7		30.20	0.00	49	25	39	30	0	3
19		30.27	0.00	35	20	54	27	1	2		30.33	0.00	33	22	65	21	1	2		30.28	0.00	36	24	62	28	0	1
22		30.31	0.00	28	21	74	26	0	3		30.31	0.00	28	21	75	21	0	0		30.31	0.00	29	24	81	31	0	1
DEC 22									DEC 23									DEC 24									
01		30.32	0.00	26	23	86	24	0	1		30.02	0.14	42	41	96	00	2	4		29.83	0.00	46	35	64	22	4	7
04		30.33	0.00	25	21	87	24	0	1		29.87	0.18	45	44	98	06	0	3		29.85	0.00	46	35	64	24	3	6
07		30.38	0.00	26	22	87	24	0	0		29.75	0.00	50	50	98	09	0	1		29.88	0.00	45	33	65	21	3	7
10		30.41	0.00	38	27	65	35	0	4		29.72	0.00	51	51	99	18	3	4		29.95	0.00	48	30	49	26	4	20
13		30.33	0.00	39	33	81	02	0	0		29.68	0.00	57	51	80	26	5	16		29.98	0.00	49	31	50	35	6	22
16		30.30	0.00	39	35	87	02	1	3		29.70	0.00	55	39	55	22	4	9		30.07	0.00	48	28	46	28	3	11
19		30.25	0.00	38	35	91	03	2	3		29.77	0.00	50	35	57	23	5	10		30.17	0.00	38	29	69	24	0	1
22		30.15	0.12	39	37	94	05	1	2		29.81	0.00	46	34	62	22	4	8		30.20	0.00	31	27	83	24	0	0
DEC 25									DEC 26									DEC 27									
01		30.19	0.00	37	28	71	21	2	5		29.59	0.00	41	40	96	01	2	5		29.55	0.00	40	31	71	00	1	11
04		30.20	0.00	29	25	87	21	0	3		29.46	0.00	42	41	97	04	1	3		29.64	0.00	40	30	68	32	1	7
07		30.21	0.00	27	24	91	19	0	1		29.43	0.00	42	41	97	06	0	0		29.71	0.00	39	30	70	23	1	6
10		30.22	0.00	34	29	83	18	1	3		29.40	0.00	42	41	97	05	0	1		29.82	0.00	39	24	54	23	7	18
13		30.10	0.00	40	29	65	00	0	1		29.32	0.00	49	45	87	22	3	7		29.84	0.00	41	23	48	24	6	16
16		30.03	0.00	40	29	65	23	1	4		29.36	0.00	50	44	78	23	3	6		29.94	0.00	39	23	52	25	2	7
19		29.93	0.00	37	35	91	03	1	3		29.46	0.00	46	35	65	32	5	15		30.04	0.00	34	25	68	24	0	2
22		29.76	0.06	39	38	95	03	1	8		29.49	0.00	42	32	67	32	5	19		30.11	0.00	33	25	73	24	1	3
DEC 28									DEC 29									DEC 30									
01		30.19	0.00	29	23	76	22	1	3		30.44	0.00	38	32	79	32	0	0		30.61	0.00	28	19	69	06	1	3
04		30.22	0.00	33	24	69	28	1	5		30.48	0.00	36	32	84	32	0	0		30.55	0.00	31	18	57	04	0	3
07		30.30	0.00	31	25	77	23	1	3		30.52	0.00	34	31	87	32	0	1		30.49	0.00	31	19	60	02	0	1
10		30.35	0.00	37	26	65	22	3	4		30.59	0.00	41	33	73	02	2	5		30.45	0.00	35	23	62	02	1	3
13		30.30	0.00	47	27	46	20	0	6		30.56	0.00	47	32	57	01	2	6		30.30	0.00	43	33	66	23	6	11
16		30.33	0.00	46	28	50	21	2	6		30.59	0.00	42	28	58	01	3	7		30.25	0.00	45	34	64	24	1	6
19		30.40	0.00	42	30	61	25	0	2		30.64	0.00	34	23	65	35	1	3		30.31	0.00	45	32	61	33	7	22
22		30.42	0.00	40	31	72	32	0	1		30.64	0.00	29	19	65	06	0	0		30.35	0.00	38	26	61	02	2	6
DEC 31																											
01		30.40	0.00	32	24	74	33	1	4																		
04		30.42	0.00	31	23	72	12	1	6																		
07		30.42	0.00	32	22	65	03	4	16																		
10		30.44	0.00	36	22	57	30	1	5																		
13		30.35	0.00	44	19	37	23	1	6																		
16		30.32	0.00	42	22	45	18	2	5																		
19		30.32	0.00	39	28	65	14	0	2																		
22		30.25	0.00	40	30	69	22	0	1																		

WEATHER NOTES

NOTES:  
 Units are: Temperature=°F, Wind=mph, Pressure=Inches Hg, Precipitation=inches.  
 Wind Direction: Directions are those from which the wind is blowing, indicated in tens of degrees from true north: i.e., 09 for East, 18 for South, 27 for West, and 00 or 36 for North.  
 Wind Speed: The observed one-minute average speed in miles-per-hour.  
 Wind Gust: The maximum instantaneous wind speed for the 10-minute period preceding the observation.  
 Rainfall Rate: The instantaneous rainfall rate at the time of observation, calculated by timing consecutive 0.01" pulses from the electronic rain gauge and interpolating this rate for one hour.

SUMMARY BY HOUR

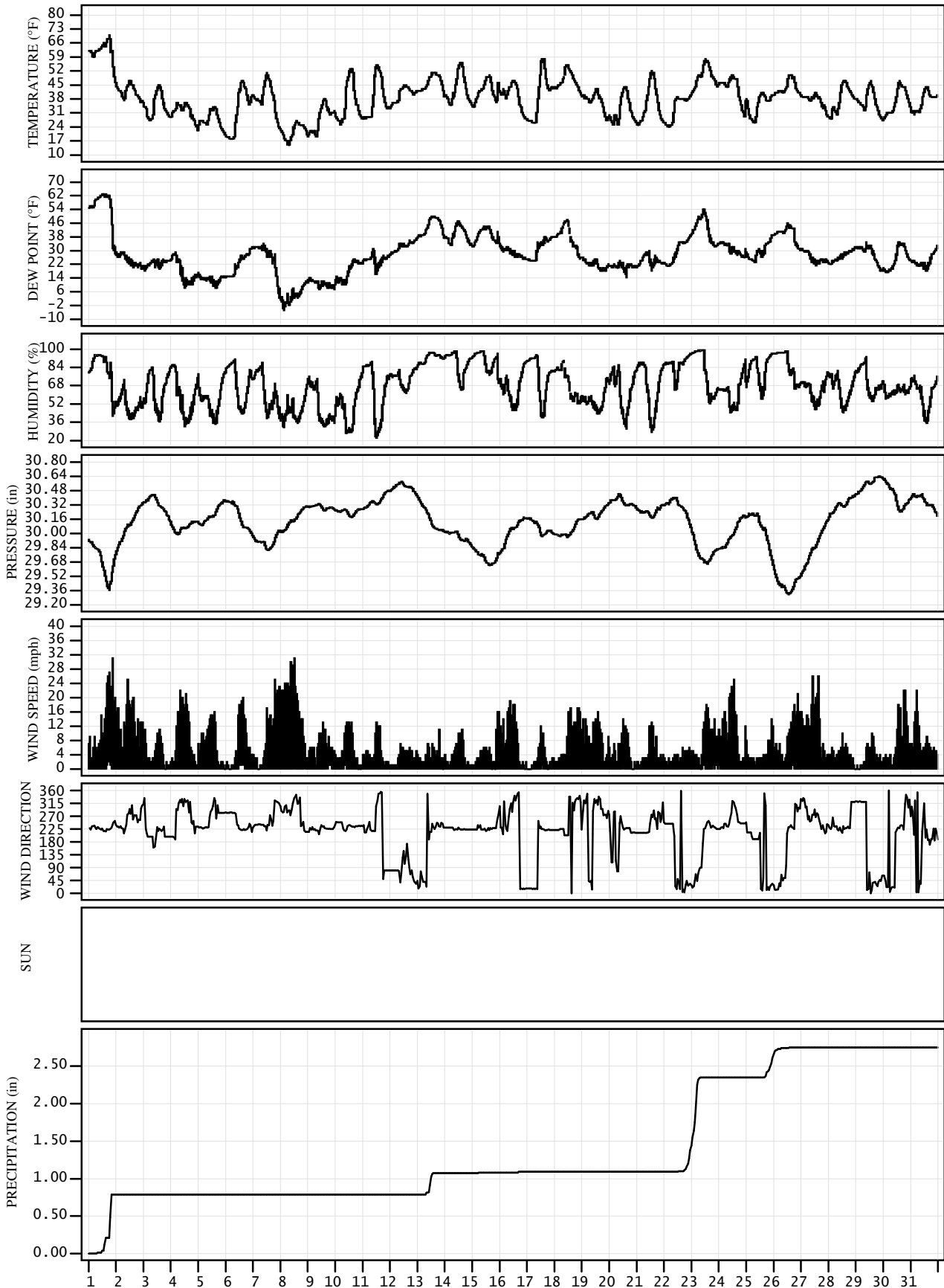
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		30.130	35	27	75	1.4	25	0.9
04		30.123	34	27	76	0.8	24	0.4
07		30.137	34	28	78	1.0	24	0.5
10		30.157	40	29	67	2.7	26	1.5
13		30.098	46	29	54	3.7	27	2.0
16		30.101	45	29	54	2.6	25	1.7
19		30.137	39	28	66	1.8	27	1.1
22		30.148	35	27	72	1.3	28	0.7

**HOURLY PRECIPITATION (Water Equivalent)**  
**December 2006: Oakland, NJ**

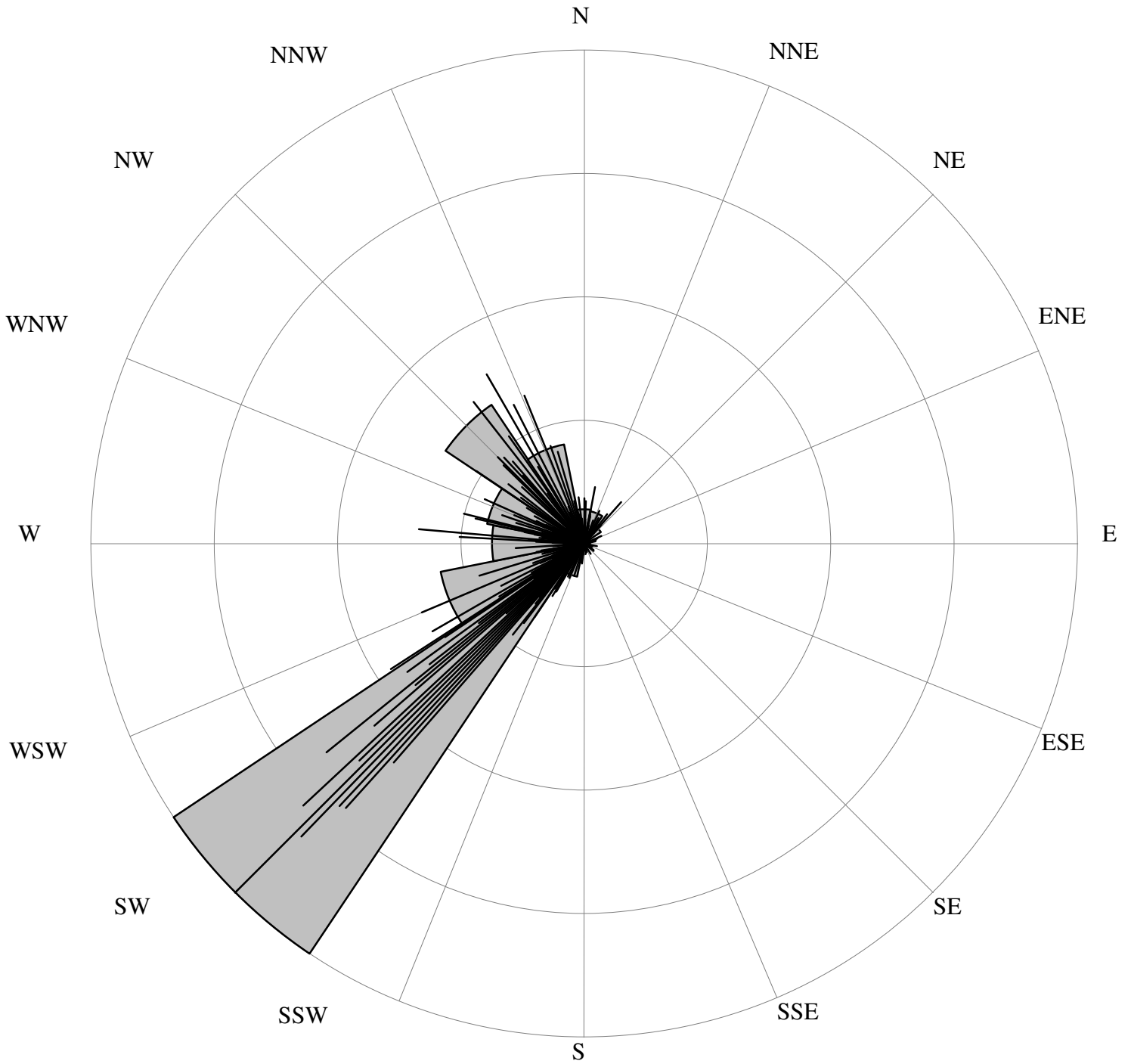
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01							0.01				0.03		0.08	0.09				0.27	0.31					01	
02																								02	
03																								03	
04																								04	
05																								05	
06																								06	
07																								07	
08																								08	
09																								09	
10																								10	
11																								11	
12																								12	
13							0.02		0.01	0.09	0.12	0.03	0.01											13	
14																								14	
15						0.01																		15	
16																								16	
17																0.01								17	
18																								18	
19																								19	
20																								20	
21																								21	
22												0.01					0.01	0.02	0.03	0.04	0.07	0.11	0.06	22	
23	0.11	0.09	0.11	0.19	0.31	0.07	0.02	0.01																23	
24																								24	
25																0.02	0.05	0.01	0.02	0.04	0.05	0.07	0.05	25	
26	0.04	0.01	0.01	0.01			0.01						0.01											26	
27																								27	
28																								28	
29																								29	
30																								30	
31																								31	
Sum	0.15	0.10	0.12	0.20	0.31	0.08	0.03	0.04	0.00	0.01	0.09	0.15	0.04	0.10	0.09	0.00	0.03	0.06	0.30	0.36	0.08	0.12	0.18	0.11	Sum

During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

HOUR-BY-HOUR DATA  
December 2006: Oakland, NJ



Wind Rose: December 2006  
Oakland, NJ



Maximum direction of wind: 54.7 miles from 225°  
Maximum sector of wind: 532.3 miles from SW  
1346.8 total miles of wind