

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### August 2006

Station: Oakland, NJ

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

Date	Temperature					Humidity Mean	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 Mean Index	
	Maximum	Minimum	Average	Mean	Dew Point		Heating Base 65°F	Cooling Base 65°F			Water Equivalent	Ice Pellets Snow	Maximum	Minimum	Mean	Avg Speed	Res Speed	Res Dir	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	95.1	71.8	83.5	82.6	74	77	0	19	.....	0	0.00	0.0	29.89	29.82	29.850	0.6	0.6	245	12	SSW	4	236	
2	95.4*	76.3	85.9*	85.1	75	73	0	21	.....	0	0.00	0.0	29.85	29.74	29.800	0.9	0.8	254	13	SW	4	286	
3	94.9	72.1	83.5	81.1	72	76	0	19	.....	0	0.17	0.0	29.79	29.70	29.742	1.2	0.9	254	18	W	8	336	
4	85.7	70.4	78.1	76.8	68	76	0	13	.....	0	0.01	0.0	29.94	29.73	29.802	0.9	0.8	322	16	N	6	0	
5	86.1	65.6	75.8	76.2	58	55	0	11	.....	0	0.00	0.0	30.12	29.93	30.010	1.1	1.0	331	12	NNW	6	332	
6	83.4	61.2	72.3	72.5	62	71	0	7	.....	0	0.00	0.0	30.21	30.11	30.156	0.7	0.2	153	10	SSW	5	184	
7	86.1	69.3	77.7	76.5	70	80	0	13	.....	0	0.02	0.0	30.12	29.89	29.996	0.8	0.7	232	11	NNW	4	322	
8	84.5	64.2	74.4	74.9	60	63	0	10	.....	0	0.00	0.0	30.08	29.91	29.971	1.5	1.4	327	16	N	7	314	
9	82.6	57.3	69.9	69.1	55	65	0	5	.....	0	0.00	0.0	30.13	29.99	30.063	0.6	0.3	257	9	WNW	4	284	
10	84.3	58.7	71.5	69.3	63	83	0	7	.....	0	0.02	0.0	29.99	29.73	29.853	0.7	0.5	229	10	WSW	5	316	
11	78.1	56.5	67.3	67.1	54	67	0	3	.....	0	0.01	0.0	29.99	29.80	29.883	1.2	1.2	357	13	N	6	337	
12	77.2	50.1	63.7	63.0	47	61	1	0	.....	0	0.00	0.0	30.06	29.97	30.009	0.9	0.9	332	12	W	6	329	
13	80.1	48.2*	64.1	64.0	49	64	1	0	.....	0	0.00	0.0	30.09	29.96	30.025	0.9	0.8	286	15	W	8	244	
14	84.9	52.5	68.7	69.2	58	70	0	4	.....	0	0.00	0.0	30.01	29.78	29.906	0.9	0.9	225	14	SW	6	222	
15	82.2	60.7	71.5	72.4	64	77	0	7	.....	0	0.35	0.0	29.98	29.73	29.832	0.6	0.6	241	9	W	4	293	
16	83.4	57.6	70.5	69.9	59	70	0	6	.....	0	0.00	0.0	30.15	29.98	30.071	0.7	0.6	336	11	NW	4	338	
17	83.6	59.5	71.5	70.1	60	73	0	7	.....	0	0.00	0.0	30.22	30.14	30.178	0.4	0.2	34	10	S	5	334	
18	81.1	59.2	70.1	67.9	59	75	0	5	.....	0	0.00	0.0	30.20	30.09	30.156	0.3	0.3	185	10	ENE	4	152	
19	83.0	57.8	70.4	69.4	64	84	0	6	.....	0	0.03	0.0	30.11	29.83	29.979	0.5	0.5	216	10	SSE	4	175	
20	87.8	70.3	79.1	77.6	66	70	0	14	.....	0	0.00	0.0	29.87	29.72	29.765	1.4	1.2	260	13	SSW	6	225	
21	83.8	61.2	72.5	72.1	55	58	0	8	.....	0	0.00	0.0	30.04	29.86	29.946	2.1	2.0	315	19	W	8	344	
22	84.9	58.1	71.5	70.2	57	66	0	7	.....	0	0.00	0.0	30.07	29.95	30.007	0.7	0.6	261	12	NW	5	311	
23	84.1	58.3	71.2	69.3	53	62	0	6	.....	0	0.00	0.0	29.98	29.90	29.947	1.0	0.9	310	15	N	6	316	
24	80.7	57.8	69.3	67.5	57	73	0	5	.....	0	0.01	0.0	29.98	29.91	29.946	0.3	0.1	202	11	W	5	210	
25	71.8	59.5	65.7	66.0	64	93	0	1	.....	0	0.43	0.0	30.05	29.94	29.979	0.4	0.3	23	7	N	3	346	
26	65.5	61.5	63.5	63.9	62	94	1	0	.....	0	0.25	0.0	30.22	30.04	30.136	0.3	0.3	37	13	N	4	53	
27	67.3	60.2	63.8	62.7	62	97	1	0	.....	0	1.78	0.0	30.22	29.96	30.107	0.3	0.2	18	8	NNW	3	75	
28	78.8	66.4	72.6	70.6	69	94	0	8	.....	0	0.41	0.0	29.97	29.81	29.867	0.3	0.3	23	7	NW	3	342	
29	69.8	62.6	66.2	66.3	65	96	0	2	.....	0	0.64	0.0	29.84	29.75	29.798	0.3	0.3	52	7	N	2	67	
30	71.3	60.5	65.9	64.9	63	94	0	1	.....	0	0.05	0.0	30.02	29.84	29.921	0.2	0.2	15	7	NW	3	91	
31	70.6	55.7	63.1*	61.5	54	77	1	0	.....	0	0.00	0.0	30.22	30.01	30.139	0.6	0.5	32	11	ESE	4	59	
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		For the month:			---										
2528	1901					5	215			4.18	0.0	30.22	29.70	29.963	0.8	0.4	294	19	W	8	344		
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg			
81.6	61.3	71.4	70.6	61	75.3	----	----	≥.01 inch		14	22.93	0.0	17	3	-----	----	----	---	21	21			
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			5	715	Thunder		0	Precipitation		Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog		0	2.14	27-28	0.0	-	0										
3	0	0	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:**

August brought near-average temperatures, with a heat wave early in the month, then a series of weak cold fronts later during the month.

## OBSERVATIONS AT 3-HOUR INTERVALS

## August 2006: Oakland, NJ

Hour	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Wind			Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Wind			Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Wind		
							Direction	Speed	Gust							Direction	Speed	Gust							Direction	Speed	Gust
AUG 01									AUG 02									AUG 03									
01		29.87	0.00	75	72	93	30	0	0		29.84	0.00	78	75	90	21	0	1		29.76	0.00	78	74	88	23	0	1
04		29.85	0.00	73	71	94	30	0	0		29.83	0.00	78	75	89	22	0	1		29.72	0.00	76	73	89	23	0	1
07		29.88	0.00	73	71	96	30	0	0		29.83	0.00	77	74	92	31	0	0		29.73	0.00	79	72	79	23	1	3
10		29.87	0.00	85	76	74	26	1	3		29.84	0.00	87	76	69	32	2	6		29.74	0.00	86	72	63	22	2	10
13		29.85	0.00	92	78	63	35	2	5		29.82	0.00	94	75	55	30	2	7		29.74	0.00	93	72	51	22	2	7
16		29.82	0.00	95	75	53	25	1	7		29.76	0.00	95	75	54	20	2	7		29.71	0.00	95	73	50	02	1	7
19		29.82	0.00	87	75	68	19	0	2		29.75	0.00	91	73	56	20	3	6		29.75	0.00	77	70	80	27	2	10
22		29.84	0.00	81	74	81	21	0	0		29.75	0.00	81	74	78	23	0	0		29.78	0.00	74	70	88	26	0	0
AUG 04									AUG 05									AUG 06									
01		29.76	0.00	72	70	94	26	0	1		29.95	0.00	71	61	71	28	1	4		30.13	0.00	68	58	71	14	0	0
04		29.74	0.00	71	70	96	26	0	0		29.95	0.00	72	59	64	31	3	9		30.13	0.00	63	56	78	14	0	0
07		29.75	0.00	72	71	96	26	0	1		30.00	0.00	66	60	80	13	0	2		30.19	0.00	66	59	76	28	0	2
10		29.75	0.00	81	71	72	33	3	5		30.03	0.00	79	56	46	22	1	12		30.19	0.00	71	61	70	12	1	5
13		29.80	0.00	82	68	63	34	3	13		30.01	0.00	83	53	35	21	3	4		30.19	0.00	78	64	63	10	2	9
16		29.81	0.00	83	66	57	01	2	6		30.01	0.00	86	56	37	33	0	4		30.15	0.00	79	67	65	05	1	5
19		29.84	0.00	82	68	63	25	0	1		30.03	0.00	82	56	41	00	1	4		30.13	0.00	79	67	67	26	0	5
22		29.92	0.00	73	64	75	27	0	2		30.09	0.00	73	61	65	10	1	3		30.13	0.00	73	68	84	21	0	0
AUG 07									AUG 08									AUG 09									
01		30.10	0.00	70	68	93	23	0	0		29.92	0.00	75	67	76	31	0	5		30.08	0.00	62	54	76	07	0	1
04		30.06	0.00	70	67	92	23	0	1		29.93	0.00	73	67	81	27	1	4		30.09	0.00	58	54	87	07	0	1
07		30.04	0.00	71	68	91	24	0	4		29.96	0.00	69	63	81	20	1	3		30.13	0.00	58	55	90	04	0	0
10		30.04	0.00	75	68	77	23	2	5		29.96	0.00	74	63	69	32	2	5		30.11	0.00	72	55	54	15	1	4
13		29.98	0.00	84	71	64	16	1	5		29.98	0.00	82	61	49	04	1	8		30.09	0.00	79	53	41	19	2	3
16		29.95	0.00	82	72	73	24	2	4		29.96	0.00	84	54	35	34	2	10		30.03	0.00	80	54	41	26	1	5
19		29.90	0.00	83	71	66	19	1	6		29.99	0.00	79	53	41	35	0	6		30.00	0.00	78	54	44	26	0	2
22		29.93	0.00	77	72	85	26	0	0		30.06	0.00	65	56	71	31	0	0		30.00	0.00	65	58	79	34	0	0
AUG 10									AUG 11									AUG 12									
01		29.98	0.00	62	59	92	34	0	0		29.81	0.00	63	62	96	04	0	0		30.00	0.00	56	51	82	07	0	1
04		29.96	0.00	59	58	94	34	0	0		29.83	0.00	62	59	89	35	1	5		30.00	0.00	53	49	84	07	0	0
07		29.93	0.00	59	58	95	00	0	0		29.87	0.00	61	56	83	01	1	6		30.04	0.00	51	49	92	07	0	0
10		29.89	0.00	73	65	76	21	2	4		29.91	0.00	68	55	64	35	3	11		30.06	0.00	66	47	51	35	1	6
13		29.83	0.00	80	64	59	19	2	5		29.91	0.00	72	51	47	35	1	5		30.02	0.00	72	44	36	06	1	11
16		29.76	0.00	84	65	53	21	2	8		29.88	0.00	77	48	46	33	1	5		29.97	0.00	77	41	28	03	2	10
19		29.73	0.00	70	66	88	32	0	6		29.88	0.00	73	54	51	33	0	2		29.97	0.00	73	45	37	34	0	3
22		29.78	0.00	67	65	95	01	0	0		29.95	0.00	61	54	79	07	0	1		30.02	0.00	57	50	78	34	0	1
AUG 13									AUG 14									AUG 15									
01		30.05	0.00	53	48	85	34	0	1		30.01	0.00	56	53	89	30	0	2		29.77	0.00	75	65	72	16	1	5
04		30.04	0.00	49	47	92	34	0	1		30.01	0.00	54	52	94	30	0	0		29.73	0.00	72	65	78	24	1	5
07		30.09	0.00	49	47	93	34	0	1		29.99	0.00	53	52	95	30	0	0		29.78	0.00	70	68	93	19	0	2
10		30.07	0.00	68	50	52	35	2	4		29.95	0.00	71	59	66	24	1	2		29.83	0.09	69	68	96	23	0	0
13		30.02	0.00	75	50	41	22	3	6		29.89	0.00	81	62	52	24	2	9		29.84	0.00	76	67	73	24	1	4
16		29.97	0.00	80	50	36	09	1	5		29.84	0.00	84	57	40	23	3	10		29.84	0.00	81	62	52	25	2	5
19		29.97	0.00	76	50	39	30	1	3		29.79	0.00	81	61	50	22	1	5		29.88	0.00	78	58	50	29	1	2
22		30.00	0.00	62	54	76	30	0	0		29.80	0.00	71	63	77	12	0	1		29.96	0.00	63	60	90	21	0	0
AUG 16									AUG 17									AUG 18									
01		29.98	0.00	61	59	93	21	0	0		30.15	0.00	63	58	85	30	0	0		30.20	0.00	61	60	94	17	0	0
04		30.01	0.00	62	57	84	07	0	1		30.17	0.00	60	58	93	30	0	0		30.18	0.00	60	58	95	17	0	0
07		30.06	0.00	58	57	95	07	0	0		30.19	0.00	60	58	95	30	0	0		30.20	0.00	60	59	96	17	0	0
10		30.10	0.00	73	58	60	27	0	4		30.22	0.00	74	61	65	06	1	4		30.20	0.00	70	63	78	01	0	1
13		30.09	0.00	79	57	47	19	1	6		30.19	0.00	77	63	61	00	0	4		30.17	0.00	75	59	56	23	0	2
16		30.08	0.00	83	57	42	25	1	10		30.15	0.00	79	64	61	12	0	3		30.12	0.00	80	57	46	14	3	7
19		30.09	0.00	77	61	57	35	0	1		30.14	0.00	78	61	55	20	1	4		30.10	0.00	75	57	54	13	0	4
22		30.12	0.00	68	59	73	30	0	1		30.20	0.00	66	62	85	17	0	1		30.11	0.00	62	57	82	13	0	0

## MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.79	1.82	1.88	1.94	1.94
Ended: Date	27	27	27	27	27	27	27	27	27	27	27	27
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

## August 2006: Oakland, NJ

Hour	AUG 19									AUG 20									AUG 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		30.10	0.00	60	58	91	13	0	0		29.81	0.00	70	70	97	24	0	0		29.87	0.00	70	58	65	33	3	12
04		30.05	0.00	59	58	95	13	0	0		29.75	0.00	71	69	93	16	1	3		29.87	0.00	68	58	71	28	2	6
07		30.05	0.00	59	58	96	13	0	0		29.74	0.00	72	69	92	25	0	3		29.92	0.00	67	57	70	28	2	10
10		30.02	0.00	73	66	79	21	2	4		29.76	0.00	79	69	73	34	3	8		29.97	0.00	71	56	59	25	3	7
13		29.98	0.00	79	66	65	23	3	9		29.77	0.00	83	65	54	21	3	12		29.98	0.00	78	56	46	27	1	9
16		29.92	0.00	81	66	61	16	3	7		29.73	0.00	86	66	51	29	2	6		29.95	0.00	83	53	35	31	2	6
19		29.88	0.00	72	69	93	15	0	0		29.75	0.00	83	62	49	20	2	5		29.97	0.00	78	48	35	10	0	3
22		29.86	0.00	71	70	96	15	0	0		29.83	0.00	76	61	59	35	3	9		30.03	0.00	64	54	69	10	0	1
AUG 22									AUG 23									AUG 24									
01		30.03	0.00	60	55	83	10	0	1		29.97	0.00	61	58	91	31	0	0		29.94	0.00	58	52	79	29	0	0
04		30.03	0.00	60	56	86	10	0	1		29.95	0.00	60	57	91	27	0	2		29.95	0.00	61	54	80	29	0	1
07		30.06	0.00	59	56	90	10	0	0		29.96	0.00	58	57	94	27	0	0		29.97	0.00	60	58	92	29	0	0
10		30.05	0.00	74	56	54	33	2	5		29.97	0.00	74	55	51	30	1	4		29.96	0.00	70	58	65	35	0	3
13		30.00	0.00	82	55	39	00	1	7		29.94	0.00	79	52	39	29	2	7		29.94	0.00	79	57	46	24	1	3
16		29.97	0.00	83	56	39	28	1	9		29.91	0.00	84	46	27	32	4	8		29.91	0.00	78	56	47	23	0	1
19		29.95	0.00	79	59	50	31	0	1		29.92	0.00	77	44	31	29	1	5		29.93	0.00	72	61	68	13	1	2
22		29.98	0.00	66	59	80	31	0	0		29.95	0.00	63	51	66	29	0	0		29.97	0.00	64	62	93	05	0	0
AUG 25									AUG 26									AUG 27									
01		29.96	0.00	61	59	95	05	0	0		30.05	0.00	65	62	90	06	1	6		30.22	0.00	62	60	96	03	0	1
04		29.97	0.00	60	59	96	05	0	0		30.06	0.00	64	63	96	34	0	0		30.19	0.00	61	60	97	04	0	0
07		29.97	0.00	64	63	97	05	0	0		30.09	0.00	63	63	97	06	0	0		30.17	0.00	60	60	97	28	0	1
10		29.97	0.52	67	66	97	07	0	0		30.15	0.00	64	63	97	07	0	4		30.17	0.00	61	60	97	28	0	2
13		29.97	0.00	67	65	93	03	0	3		30.17	0.00	64	63	96	31	0	3		30.13	0.35	62	61	97	01	0	3
16		29.96	0.00	70	66	85	35	3	5		30.17	0.00	65	63	94	32	0	2		30.06	0.20	63	63	98	08	1	3
19		29.98	0.00	69	65	87	09	0	3		30.18	0.00	65	63	94	00	0	2		29.99	0.04	66	65	98	03	1	2
22		30.04	0.00	65	63	92	04	0	0		30.21	0.00	63	59	88	04	0	0		29.97	0.15	67	67	99	06	0	3
AUG 28									AUG 29									AUG 30									
01		29.95	0.00	67	67	99	07	0	1		29.83	0.00	69	69	98	10	0	0		29.85	0.00	62	62	99	33	2	4
04		29.90	0.20	67	67	99	07	0	1		29.81	0.00	68	66	92	07	0	0		29.86	0.00	62	61	99	31	0	2
07		29.88	0.00	67	67	99	07	0	1		29.80	0.00	68	66	94	03	0	2		29.89	0.00	62	62	99	34	0	0
10		29.87	0.00	68	68	99	31	0	2		29.79	0.06	67	66	96	29	0	4		29.94	0.00	64	63	98	33	0	1
13		29.85	0.00	73	70	91	09	2	4		29.78	0.05	66	65	97	35	0	3		29.95	0.00	67	64	89	14	0	1
16		29.83	0.00	78	70	77	34	1	3		29.77	0.07	65	64	98	12	0	2		29.95	0.00	70	64	81	08	0	1
19		29.81	0.00	75	71	88	10	0	0		29.77	0.00	65	64	98	08	1	4		29.93	0.00	69	66	89	08	0	1
22		29.84	0.00	71	70	96	10	0	0		29.82	0.00	64	63	99	02	0	3		29.99	0.00	63	62	97	08	0	0
AUG 31																											
01		30.01	0.00	61	60	98	02	1	3																		
04		30.06	0.00	60	54	81	10	0	3																		
07		30.13	0.00	57	51	81	13	0	0																		
10		30.17	0.00	60	50	71	33	1	4																		
13		30.19	0.00	65	50	58	09	2	6																		
16		30.16	0.00	70	55	59	35	1	7																		
19		30.18	0.00	65	57	75	31	0	0																		
22		30.21	0.00	58	55	91	31	0	0																		

### 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

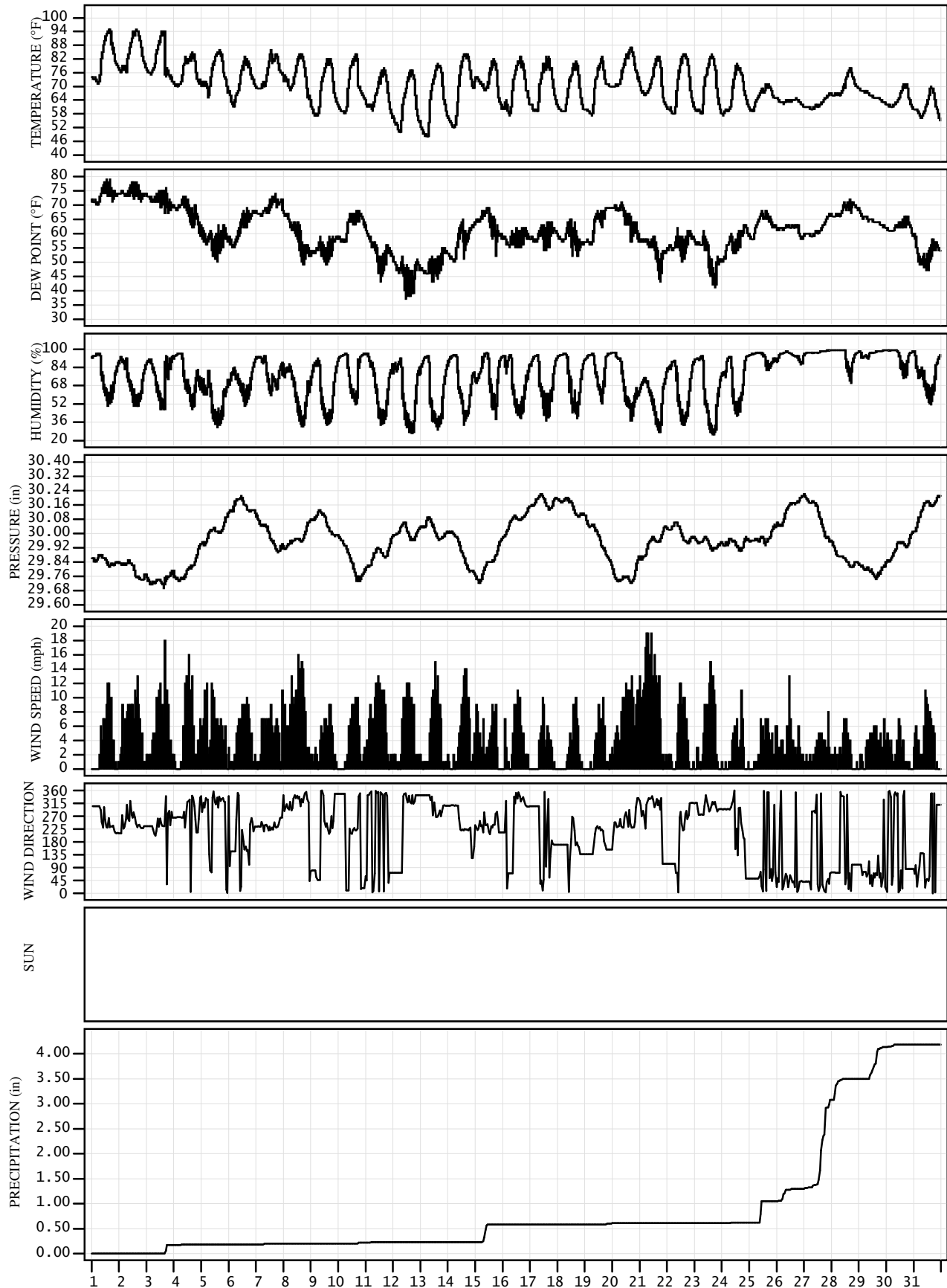
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		29.965	65	61	88	0.3	35	0.2
04		29.956	64	61	89	0.3	29	0.2
07		29.977	63	61	91	0.2	27	0.1
10		29.985	72	62	72	1.2	30	0.6
13		29.970	77	61	60	1.5	24	0.5
16		29.937	80	61	55	1.4	30	0.4
19		29.936	76	61	63	0.6	23	0.2
22		29.972	67	62	83	0.1	0	0.1

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

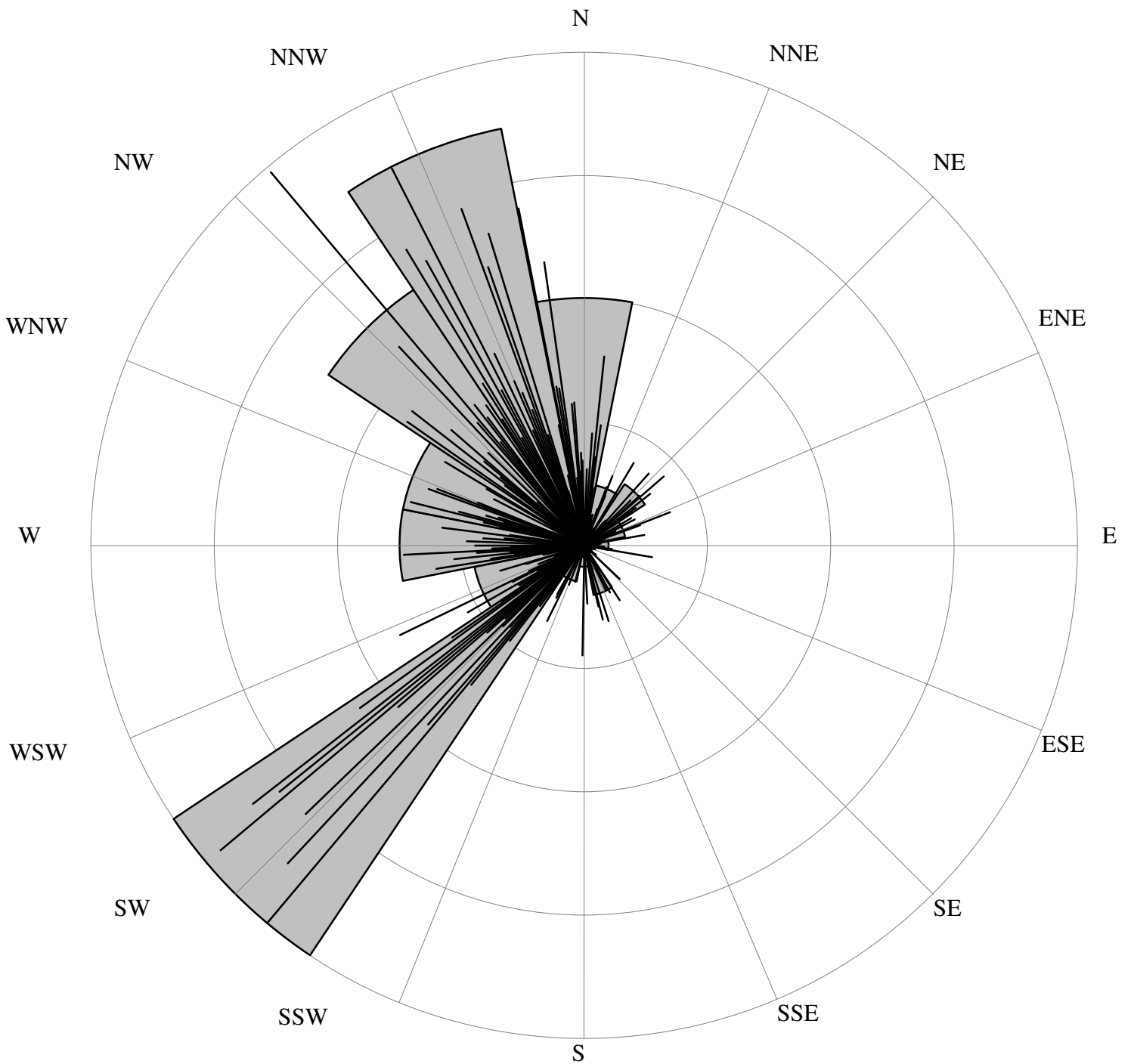
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date	
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12		
01																								01		
02																									02	
03																	0.06	0.11							03	
04							0.01																		04	
05																									05	
06																									06	
07							0.01	0.01																	07	
08																									08	
09																		0.02							09	
10																									10	
11					0.01																				11	
12																									12	
13																									13	
14																									14	
15							0.02	0.07	0.16	0.08	0.02														15	
16																									16	
17																									17	
18																									18	
19																		0.01	0.01					0.01	19	
20																									20	
21																									21	
22																									22	
23																									23	
24								0.01																	24	
25										0.17	0.26														25	
26		0.01			0.03	0.10	0.01	0.08				0.01	0.01	0.01	0.09	0.19	0.40	0.21	0.07	0.03	0.53	0.01		0.01	26	
27	0.01			0.01	0.04	0.05	0.01	0.02		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06	0.10	27	
28			0.12	0.16	0.04	0.05	0.01	0.02		0.01	0.05	0.05	0.07	0.05	0.01	0.24	0.05	0.01	0.01		0.02				28	
29					0.01		0.03																			29
30		0.01																								30
31																										31
Sum	0.01	0.02	0.12	0.17	0.09	0.15	0.09	0.23	0.17	0.34	0.34	0.06	0.17	0.24	0.41	0.45	0.18	0.17	0.55	0.02	0.02	0.06	0.10	0.02	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 August 2006: Oakland, NJ



Wind Rose: August 2006  
Oakland, NJ



Maximum direction of wind: 13.1 miles from 220°  
Maximum sector of wind: 121.2 miles from SW  
558.8 total miles of wind