

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

March 2009

Station: Oakland, NJ
 Latitude: 41° 02' 28" N Longitude: 74° 13' 52" W Elevation (Ground): 280 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	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	36.6	26.7	31.6	30.8	16	55	33	0	.....	0	0.01	2.0	30.21	30.00	30.081	2.5	2.4	20	18	ENE	10	52	
2	26.7	12.5	19.6	20.3	13	73	45	0	.....	0	0.00	4.7	30.10	29.85	29.944	4.8	4.6	1	27	NE	14	349	
3	25.8	9.2*	17.5*	17.1	-1	46	47	0	.....	0	0.07	0.0	30.36	30.10	30.228	4.0	4.0	336	25	NNW	11	358	
4	33.2	13.9	23.6	22.5	8	54	41	0	.....	0	0.03	0.0	30.44	30.30	30.371	1.9	1.7	318	18	W	12	283	
5	43.9	10.5	27.2	28.4	14	60	37	0	.....	0	0.00	0.0	30.50	30.31	30.409	1.5	1.5	223	17	SW	9	228	
6	53.6	30.3	41.9	40.5	31	69	23	0	.....	0	0.00	0.0	30.31	29.94	30.076	1.8	1.8	223	16	SSW	8	213	
7	67.8*	31.0	49.4	49.6	41	75	15	0	.....	0	0.00	0.0	30.13	29.79	30.004	1.2	1.0	230	15	S	9	237	
8	62.8	38.3	50.5	50.0	42	78	14	0	.....	0	0.10	0.0	29.95	29.73	29.871	1.7	1.6	346	20	N	12	350	
9	45.6	38.4	42.0	42.6	40	92	23	0	.....	0	0.39	0.0	30.25	29.75	29.928	1.2	1.0	25	15	NNW	6	334	
10	43.9	36.1	40.0	38.6	32	77	25	0	.....	0	0.01	0.0	30.39	30.25	30.318	1.8	1.0	171	16	S	10	191	
11	56.1	38.3	47.2	45.8	40	83	18	0	.....	0	0.00	0.0	30.25	29.88	30.029	2.4	1.3	250	25	N	14	349	
12	42.8	28.9	35.8	34.3	14	43	29	0	.....	0	0.00	0.0	30.50	30.16	30.391	4.1	4.1	343	23	NNW	13	342	
13	40.1	23.1	31.6	30.6	13	49	33	0	.....	0	0.00	0.0	30.60	30.37	30.483	1.5	0.4	158	13	WSW	7	236	
14	52.1	23.8	37.9	37.4	25	62	27	0	.....	0	0.00	0.0	30.37	30.20	30.274	1.5	1.4	206	16	S	9	204	
15	54.6	33.1	43.8	44.3	31	61	21	0	.....	0	0.00	0.0	30.22	30.13	30.175	1.0	0.7	168	11	S	8	199	
16	50.8	27.3	39.0	39.4	30	71	26	0	.....	0	0.00	0.0	30.36	30.20	30.290	1.0	0.9	105	12	NE	7	139	
17	56.3	28.8	42.5	41.6	29	65	22	0	.....	0	0.00	0.0	30.32	30.21	30.273	1.1	0.8	175	16	S	9	182	
18	64.5	27.8	46.1	46.7	36	68	18	0	.....	0	0.00	0.0	30.26	30.00	30.135	3.5	3.4	217	24	SSW	14	215	
19	50.1	35.5	42.8	43.3	38	83	22	0	.....	0	0.15	0.0	30.13	29.95	30.040	0.8	0.5	15	13	N	6	356	
20	43.3	26.2	34.8	36.5	23	60	30	0	.....	0	0.00	0.0	30.42	30.12	30.279	1.7	1.6	8	17	NW	10	331	
21	48.9	22.2	35.6	35.2	15	47	29	0	.....	0	0.00	0.0	30.54	30.42	30.475	1.2	0.8	185	12	SW	8	219	
22	53.0	24.0	38.5	37.5	23	58	26	0	.....	0	0.00	0.0	30.45	30.22	30.317	2.9	2.6	331	27	N	16	289	
23	41.3	24.9	33.1	32.6	2	28	32	0	.....	0	0.00	0.0	30.40	30.24	30.322	4.7	4.6	346	27	NW	16	1	
24	47.9	23.3	35.6	34.2	10	37	29	0	.....	0	0.00	0.0	30.46	30.37	30.424	3.3	3.2	2	23	N	14	337	
25	52.8	21.4	37.1	37.2	19	51	28	0	.....	0	0.00	0.0	30.45	30.23	30.352	1.4	1.2	182	14	SSW	9	176	
26	43.4	31.6	37.5	39.6	33	79	27	0	.....	0	0.40	0.0	30.23	29.86	30.048	0.9	0.8	195	11	WSW	7	229	
27	63.3	39.6	51.4	51.9	41	70	13	0	.....	0	0.00	0.0	30.00	29.85	29.940	1.5	0.9	340	15	N	8	350	
28	60.2	44.3	52.3*	50.5	44	79	13	0	.....	0	0.00	0.0	30.00	29.83	29.949	1.5	1.3	106	16	SSE	7	154	
29	52.3	45.6	48.9	48.4	47	95	16	0	..3.5.	0	0.51	0.0	29.84	29.28	29.521	1.6	1.3	49	28	S	13	221		
30	51.4	40.1	45.8	45.4	33	63	19	0	.....	0	0.01	0.0	29.98	29.40	29.653	6.0	5.6	306	35	W	19	286	
31	60.7	36.1	48.4	46.8	31	56	16	0	.....	0	0.00	0.0	30.21	29.98	30.123	2.2	1.1	315	17	N	10	346	
Sum	Sum	-----	-----	---	----	Ttl	Ttl															---		
1526	893					797	0		Number of Days	1.68	6.7	30.60	29.28	30.152	2.2	0.9	324	35	W	19	286			
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip	Season Ttl	Date	Date	-----	-----	-----	-----	-----	Date	Date	Avg				
49.2	28.8	39.0	38.7	26	64.2	----	----		≥.01 inch	10	4.16	35.0	13	29	-----	-----	-----	30	30					
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	2	Greatest in 24 Hours and Dates				Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date										
Max Temperature			Min Temperature			5213	0	Thunder	1	Precipitation		Snow, Ice Plts												
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.51	29	4.7	2	0					-							
0	2	20	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/m² 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.

OBSERVATIONS AT 3-HOUR INTERVALS

March 2009: 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
MAR 01									MAR 02									MAR 03									
01		30.20	0.00	28	9	44	01	0	3		29.98	0.00	26	23	89	02	6	12		30.11	0.00	12	-0	56	33	7	18
04		30.11	0.00	29	11	46	04	4	11		29.90	0.00	22	19	87	05	5	12		30.14	0.00	10	-2	57	33	6	16
07		30.11	0.00	28	15	58	06	2	7		29.89	0.00	20	14	78	00	5	18		30.20	0.00	9	-3	56	29	2	6
10		30.11	0.00	28	17	65	00	3	12		29.92	0.00	21	14	76	34	4	23		30.24	0.00	16	0	49	29	7	19
13		30.05	0.00	34	20	56	04	2	9		29.89	0.00	22	16	79	00	7	18		30.23	0.00	23	2	39	33	7	12
16		30.03	0.00	35	19	52	06	2	7		29.93	0.00	21	13	70	34	6	18		30.22	0.00	26	0	33	34	4	12
19		30.02	0.00	33	17	52	01	2	6		29.97	0.00	18	6	59	35	8	26		30.29	0.00	21	-0	38	34	4	9
22		30.02	0.00	32	16	51	04	6	10		30.07	0.00	15	3	58	34	3	14		30.35	0.00	19	-1	42	06	0	15
MAR 04									MAR 05									MAR 06									
01		30.37	0.00	16	3	56	05	0	2		30.43	0.00	15	10	79	34	0	0		30.28	0.00	34	28	76	22	1	4
04		30.37	0.00	16	4	59	22	0	4		30.43	0.00	13	9	85	34	0	0		30.21	0.00	33	28	83	25	0	1
07		30.41	0.00	15	5	64	24	0	6		30.49	0.00	11	8	88	34	0	0		30.16	0.00	32	28	86	22	0	2
10		30.43	0.00	24	8	50	03	1	5		30.48	0.00	34	12	39	24	2	5		30.10	0.00	41	30	63	21	5	10
13		30.36	0.00	31	9	40	34	3	9		30.42	0.00	41	11	29	22	4	16		30.02	0.00	48	31	52	22	4	11
16		30.30	0.00	33	9	37	28	4	9		30.36	0.00	43	14	30	22	4	10		29.96	0.00	53	34	48	20	2	12
19		30.34	0.00	27	11	51	34	0	0		30.35	0.00	34	20	57	18	0	0		29.97	0.00	44	33	66	25	0	0
22		30.39	0.00	19	12	72	34	0	0		30.34	0.00	33	24	69	22	2	5		29.97	0.00	36	31	83	22	0	0
MAR 07									MAR 08									MAR 09									
01		29.98	0.00	41	35	79	21	0	3		29.77	0.00	42	40	94	22	0	1		29.89	0.00	45	44	96	02	1	5
04		30.02	0.00	33	31	91	19	0	0		29.75	0.00	39	38	95	02	0	2		29.79	0.00	42	41	95	02	2	5
07		30.09	0.00	32	30	93	19	0	0		29.83	0.00	41	40	96	13	0	1		29.75	0.00	43	42	96	04	1	3
10		30.12	0.00	58	45	62	16	2	3		29.89	0.00	55	46	71	32	1	5		29.78	0.00	44	43	97	10	3	7
13		30.06	0.00	67	48	50	32	2	7		29.92	0.00	61	43	51	33	6	11		29.87	0.06	43	41	95	09	0	0
16		29.97	0.00	66	50	55	18	3	9		29.91	0.00	59	40	50	32	3	7		29.97	0.00	43	41	92	31	0	5
19		29.96	0.00	56	47	73	14	2	4		29.93	0.00	52	41	66	07	3	6		30.10	0.00	42	39	89	04	0	3
22		29.86	0.00	47	44	90	20	1	3		29.94	0.00	47	45	95	04	0	2		30.20	0.00	40	34	79	34	3	10
MAR 10									MAR 11									MAR 12									
01		30.27	0.00	38	32	79	34	2	8		30.24	0.00	39	35	86	16	0	9		30.20	0.00	39	19	45	34	9	19
04		30.29	0.00	37	31	81	06	0	3		30.14	0.00	40	38	93	19	2	6		30.27	0.00	34	18	52	35	8	15
07		30.34	0.00	36	32	85	06	0	2		30.08	0.00	42	39	92	21	0	3		30.36	0.00	29	14	53	00	3	7
10		30.37	0.00	37	32	80	04	2	5		30.00	0.00	42	41	96	00	0	0		30.44	0.00	33	12	42	30	5	12
13		30.37	0.00	42	32	69	18	4	7		29.93	0.00	50	47	91	23	4	10		30.45	0.00	37	16	41	35	5	15
16		30.32	0.00	44	32	64	13	3	11		29.89	0.00	52	48	85	21	4	7		30.42	0.00	38	13	36	34	3	16
19		30.31	0.00	39	31	72	14	3	12		29.91	0.00	50	47	89	24	0	0		30.44	0.00	34	11	38	35	4	11
22		30.28	0.00	37	34	86	01	1	10		30.05	0.00	52	30	43	01	2	17		30.49	0.00	32	11	42	00	2	7
MAR 13									MAR 14									MAR 15									
01		30.51	0.00	29	11	48	00	5	11		30.35	0.00	26	19	74	16	0	0		30.19	0.00	39	31	72	24	0	1
04		30.52	0.00	26	11	52	01	2	6		30.31	0.00	24	19	80	16	0	0		30.16	0.00	38	32	76	24	0	0
07		30.56	0.00	24	12	60	06	0	1		30.30	0.00	24	20	86	16	0	0		30.19	0.00	41	32	70	22	1	2
10		30.58	0.00	27	12	51	11	1	4		30.32	0.00	35	24	65	23	1	4		30.19	0.00	46	32	59	21	1	3
13		30.52	0.00	34	10	36	21	2	5		30.29	0.00	47	27	46	16	2	7		30.18	0.00	52	32	46	17	0	9
16		30.42	0.00	39	14	35	19	1	7		30.21	0.00	52	27	38	21	5	10		30.14	0.00	54	32	43	14	5	11
19		30.39	0.00	36	15	42	15	3	7		30.21	0.00	48	26	43	20	1	8		30.16	0.00	50	30	47	21	1	6
22		30.38	0.00	31	18	58	16	0	2		30.22	0.00	42	29	62	18	0	0		30.18	0.00	38	29	72	19	0	0
MAR 16									MAR 17									MAR 18									
01		30.22	0.00	31	28	86	19	0	0		30.29	0.00	39	32	74	03	0	2		30.26	0.00	32	26	81	34	0	0
04		30.22	0.00	29	26	90	18	0	0		30.28	0.00	32	29	87	04	0	0		30.24	0.00	29	26	86	34	0	0
07		30.26	0.00	27	26	93	18	0	0		30.29	0.00	29	27	92	07	0	0		30.22	0.00	28	25	90	34	0	0
10		30.32	0.00	45	31	58	03	1	4		30.31	0.00	40	31	69	00	2	5		30.21	0.00	45	37	72	24	4	9
13		30.35	0.00	50	34	55	05	1	6		30.29	0.00	52	32	45	05	1	4		30.12	0.00	58	42	55	21	5	17
16		30.32	0.00	48	33	56	12	2	6		30.22	0.00	56	29	36	15	0	7		30.03	0.00	64	44	48	22	10	17
19		30.30	0.00	45	33	63	12	1	4		30.23	0.00	49	29	46	17	3	6		30.01	0.00	61	43	52	21	8	19
22		30.32	0.00	42	31	67	03	0	1		30.27	0.00	38	27	65	34	0	0		30.02	0.00	55	43	64	26	0	2

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.09	0.16	0.17	0.18	0.19	0.20	0.23	0.26	0.28	0.31	0.32	0.34
Ended: Date	29	29	29	29	29	26	26	26	26	26	26	26
Ended: Time	1952	1956	2001	2006	2015	2120	2134	2140	2134	2148	2148	2148

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

March 2009: Oakland, NJ

Hour	MAR 19									MAR 20									MAR 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	30.00	0.00	48	41	76	24	0	0	30.13	0.00	38	36	93	07	0	2	30.43	0.00	25	18	75	01	0	1			
04	29.96	0.00	43	39	86	32	1	2	30.17	0.00	39	23	53	34	3	7	30.45	0.00	25	14	62	10	0	4			
07	29.99	0.00	47	40	79	03	2	9	30.24	0.00	32	28	84	04	1	4	30.52	0.00	23	14	67	04	0	3			
10	30.05	0.00	45	38	75	34	2	10	30.30	0.00	36	26	67	03	1	6	30.54	0.00	36	12	37	08	1	5			
13	30.08	0.08	41	38	89	00	2	4	30.31	0.00	41	21	44	02	4	10	30.52	0.00	44	12	27	19	3	6			
16	30.05	0.00	45	39	82	27	1	3	30.30	0.00	41	19	41	35	4	12	30.45	0.00	48	14	25	27	5	10			
19	30.08	0.00	45	39	80	22	0	4	30.34	0.00	39	18	42	34	0	1	30.42	0.00	45	16	30	19	0	5			
22	30.11	0.00	36	35	94	10	0	0	30.40	0.00	29	20	68	01	0	0	30.46	0.00	34	21	57	20	0	0			
MAR 22									MAR 23									MAR 24									
01	30.43	0.00	28	21	75	20	0	0	30.31	0.00	32	7	34	34	6	13	30.41	0.00	28	5	38	01	2	10			
04	30.39	0.00	25	21	84	20	0	0	30.33	0.00	29	2	31	33	3	9	30.41	0.00	26	7	43	35	2	11			
07	30.36	0.00	25	22	88	18	0	2	30.36	0.00	25	1	34	14	0	2	30.46	0.00	23	8	51	01	2	12			
10	30.34	0.00	39	24	55	24	1	5	30.35	0.00	31	2	28	30	6	17	30.46	0.00	32	11	41	04	4	18			
13	30.27	0.00	52	28	40	34	6	14	30.28	0.00	38	2	21	30	4	20	30.43	0.00	42	11	27	01	5	19			
16	30.23	0.00	50	27	41	27	4	16	30.25	0.00	40	-0	18	32	10	20	30.37	0.00	47	9	21	01	2	14			
19	30.25	0.00	44	23	44	34	2	19	30.30	0.00	35	1	23	00	3	14	30.41	0.00	43	12	29	04	3	10			
22	30.29	0.00	38	17	42	34	2	10	30.37	0.00	31	3	30	33	6	21	30.44	0.00	31	14	50	04	0	1			
MAR 25									MAR 26									MAR 27									
01	30.44	0.00	27	16	61	05	0	0	30.22	0.00	33	23	68	27	0	0	29.87	0.00	41	40	96	11	0	1			
04	30.43	0.00	24	15	69	05	0	0	30.15	0.00	34	25	69	30	0	0	29.86	0.00	42	41	96	31	1	6			
07	30.44	0.00	22	16	77	05	0	0	30.09	0.00	37	26	64	35	0	1	29.92	0.00	45	41	86	35	0	7			
10	30.42	0.00	41	19	41	09	3	5	30.11	0.00	42	32	68	18	4	10	29.98	0.00	53	42	65	35	5	11			
13	30.37	0.00	48	20	33	22	4	13	30.06	0.00	43	37	80	15	2	6	29.98	0.00	59	40	50	02	3	9			
16	30.27	0.00	53	21	29	22	3	11	29.99	0.00	42	40	90	14	2	5	29.95	0.00	63	38	40	18	1	5			
19	30.24	0.00	46	23	40	16	0	2	29.93	0.05	43	41	93	07	0	2	29.96	0.00	59	43	55	17	1	6			
22	30.25	0.00	38	21	51	27	0	0	29.89	0.05	42	41	96	04	0	1	29.99	0.00	51	44	77	07	0	2			
MAR 28									MAR 29									MAR 30									
01	29.99	0.00	47	43	86	04	0	0	29.82	0.00	46	44	94	07	2	6	29.41	0.00	48	43	85	27	1	5			
04	29.97	0.00	45	42	90	06	0	0	29.71	0.00	46	45	95	06	2	8	29.44	0.00	46	38	73	27	6	13			
07	29.97	0.00	45	43	93	04	0	1	29.59	0.00	46	45	96	00	2	9	29.52	0.00	43	33	67	27	6	19			
10	29.99	0.00	51	45	81	11	2	7	29.54	0.00	47	46	96	08	0	3	29.59	0.00	47	32	56	30	5	22			
13	29.97	0.00	57	46	67	18	3	9	29.48	0.00	48	47	96	06	1	3	29.65	0.00	50	31	48	31	10	22			
16	29.93	0.00	59	44	57	10	3	9	29.40	0.00	51	50	96	03	2	4	29.73	0.00	47	31	52	29	9	18			
19	29.92	0.00	53	43	67	07	1	5	29.31	0.00	52	51	97	04	3	9	29.84	0.00	44	29	57	29	2	8			
22	29.87	0.00	49	44	84	07	2	7	29.39	0.00	50	49	97	18	0	2	29.93	0.00	41	30	65	31	5	15			
MAR 31																											
01	29.99	0.00	40	30	68	32	7	16																			
04	30.06	0.00	38	29	69	00	1	6																			
07	30.14	0.00	37	28	71	34	4	9																			
10	30.18	0.00	45	30	55	32	2	7																			
13	30.16	0.00	55	33	44	32	3	9																			
16	30.12	0.00	60	32	35	27	5	10																			
19	30.12	0.00	58	34	41	13	4	9																			
22	30.16	0.00	44	32	64	04	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

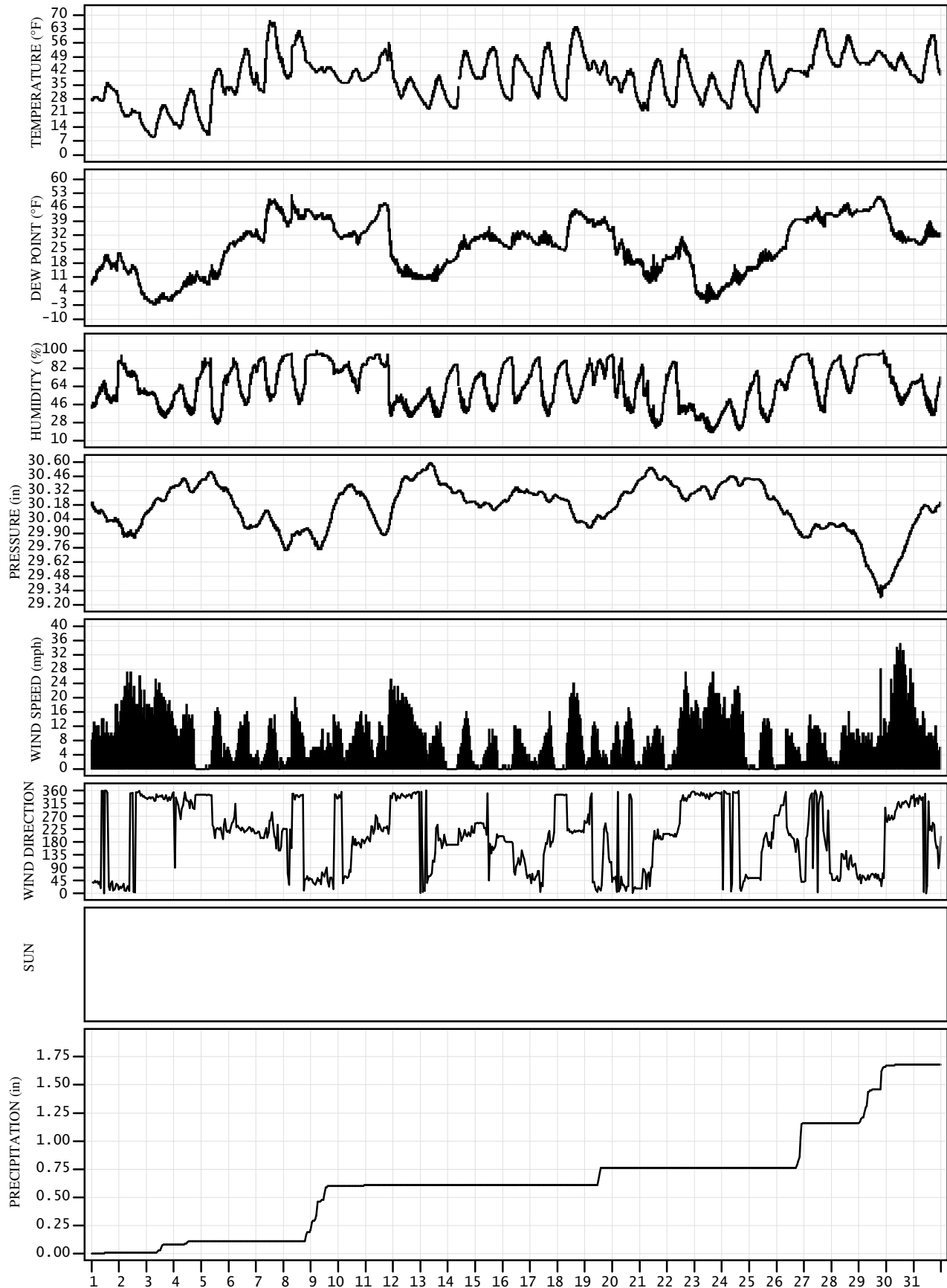
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		30.161	34	25	73	1.7	35	1.5
04		30.145	32	24	75	1.5	35	1.0
07		30.165	31	24	77	1.0	35	0.7
10		30.184	39	27	62	2.6	32	0.9
13		30.156	45	28	53	3.5	32	1.4
16		30.119	47	28	50	3.7	27	1.3
19		30.130	43	28	56	2.1	4	0.3
22		30.159	38	27	67	1.2	35	0.8

HOURLY PRECIPITATION (Water Equivalent)
March 2009: Oakland, NJ

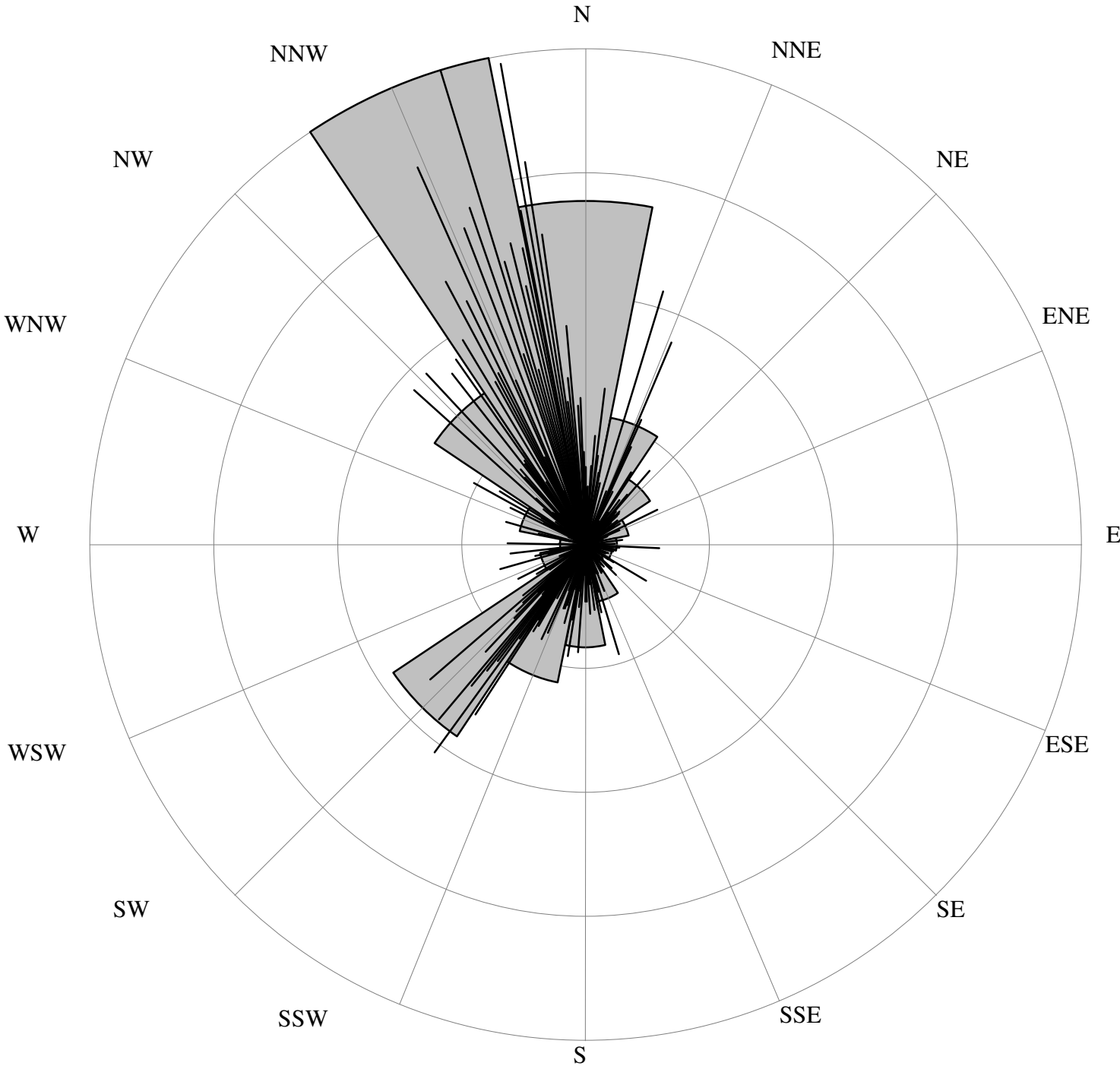
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01											0.01													01	
02																									02
03										0.01	0.01		0.02	0.02	0.01										03
04									0.01			0.01	0.01												04
05																									05
06																									06
07																									07
08				0.02	0.03	0.12													0.06	0.02				0.02	08
09	0.07	0.01						0.01	0.01			0.05	0.06		0.01										09
10																						0.01			10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19												0.04	0.07	0.04											19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																	0.03	0.03	0.04	0.17	0.12	0.01			26
27																									27
28																									28
29	0.01	0.03	0.01		0.04	0.05	0.01	0.13		0.01		0.01							0.16	0.03	0.01		0.01	29	
30								0.01																	30
31																									31
Sum	0.08	0.04	0.01	0.02	0.07	0.17	0.01	0.14	0.01	0.04	0.01	0.12	0.16	0.06	0.02	0.00	0.00	0.03	0.03	0.26	0.22	0.13	0.02	0.03	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
March 2009: Oakland, NJ



Wind Rose: March 2009
Oakland, NJ



Maximum direction of wind: 41.4 miles from 343°
Maximum sector of wind: 401.0 miles from NNW
1636.3 total miles of wind