

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### October 2008

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	69.4	55.7	62.6	61.1	56	85	2	0	.....	0	0.05	0.0	29.71	29.53	29.598	0.3	0.3	257	12	NNW	5	275		
2	60.1	43.9	52.0	53.8	45	73	13	0	.....	0	0.01	0.0	29.79	29.49	29.611	1.3	1.3	264	20	NNW	7	351		
3	61.0	40.1	50.5	48.5	43	83	14	0	.....	0	0.00	0.0	30.07	29.78	29.874	0.5	0.3	262	12	S	5	341		
4	63.4	35.9	49.7	47.4	41	82	15	0	.....	0	0.00	0.0	30.20	30.06	30.146	0.2	0.2	221	7	N	3	221		
5	62.9	45.7	54.3	52.4	51	94	10	0	.....	0	0.49	0.0	30.24	30.16	30.198	0.1	0.0	106	4	NNW	2	354		
6	61.0	39.8	50.4	49.0	44	85	14	0	.....	0	0.00	0.0	30.35	30.22	30.261	0.4	0.3	332	12	NNW	5	339		
7	61.6	34.6	48.1	45.6	38	79	16	0	.....	0	0.00	0.0	30.36	30.17	30.282	0.3	0.3	298	10	NNW	3	344		
8	64.3	35.5	49.9	49.1	42	80	15	0	.....	0	0.00	0.0	30.17	29.92	30.075	0.2	0.2	215	7	SE	3	235		
9	74.0	52.2	63.1*	61.6	56	82	2	0	.....	0	0.01	0.0	29.97	29.85	29.890	0.6	0.6	227	13	SW	5	211		
10	70.4	44.3	57.4	55.9	46	74	8	0	.....	0	0.00	0.0	30.25	29.97	30.131	0.4	0.3	323	10	NNW	4	276		
11	69.4	40.3	54.9	51.9	45	80	10	0	.....	0	0.00	0.0	30.40	30.25	30.351	0.2	0.1	326	7	NW	3	345		
12	69.4	42.1	55.8	53.1	47	82	9	0	.....	0	0.00	0.0	30.51	30.39	30.432	0.2	0.1	253	5	WSW	2	190		
13	72.7	47.1	59.9	58.1	53	85	5	0	.....	0	0.00	0.0	30.39	30.19	30.263	0.1	0.1	215	12	NNW	4	346		
14	72.0	51.6	61.8	60.0	56	86	3	0	.....	0	0.00	0.0	30.24	30.02	30.135	0.4	0.3	204	9	SSE	4	190		
15	69.6	48.8	59.2	57.9	49	76	5	0	.....	0	0.00	0.0	30.11	29.97	30.027	0.4	0.3	335	14	NW	5	335		
16	75.8*	49.2	62.5	58.3	52	82	2	0	.....	0	0.00	0.0	29.98	29.77	29.892	0.9	0.7	331	16	WSW	7	343		
17	59.0	38.9	49.0	48.7	39	71	16	0	.....	0	0.00	0.0	30.08	29.98	30.029	0.8	0.8	345	14	NNW	8	353		
18	55.1	37.2	46.1	44.9	33	64	19	0	.....	0	0.00	0.0	30.24	30.07	30.139	1.2	1.0	5	16	N	6	335		
19	53.1	32.1	42.6	42.3	30	64	22	0	.....	0	0.00	0.0	30.32	30.24	30.270	1.3	1.2	6	16	NW	7	342		
20	60.9	28.1	44.5	40.7	28	69	20	0	.....	0	0.00	0.0	30.26	30.00	30.144	0.3	0.2	310	7	N	4	335		
21	58.9	30.4	44.7	43.5	33	70	20	0	.....	0	0.01	0.0	30.00	29.78	29.889	1.3	1.2	262	20	SW	8	289		
22	50.4	38.8	44.6	44.3	32	63	20	0	.....	0	0.00	0.0	30.48	29.93	30.180	2.3	2.0	333	19	N	8	356		
23	53.2	29.8	41.5	39.7	31	72	23	0	.....	0	0.00	0.0	30.60	30.48	30.545	0.7	0.6	351	11	NNW	4	346		
24	55.4	25.6*	40.5	39.6	33	79	24	0	.....	0	0.00	0.0	30.54	30.29	30.421	0.3	0.3	200	7	SW	3	177		
25	62.7	42.3	52.5	53.8	52	93	12	0	.....	0	0.84	0.0	30.29	29.65	29.968	1.6	1.1	210	31	SSW	8	168		
26	60.7	41.1	50.9	49.7	42	79	14	0	.....	0	0.00	0.0	29.85	29.73	29.800	0.5	0.5	232	14	WNW	4	281		
27	58.9	36.0	47.5	46.8	37	72	17	0	.....	0	0.01	0.0	29.90	29.69	29.831	1.2	1.2	341	17	NNW	6	338		
28	46.2	36.3	41.3	40.1	36	87	24	0	.....	0	0.83	T	29.69	29.21	29.392	3.3	2.3	316	28	W	9	316		
29	47.4	32.1	39.8	40.0	26	58	25	0	.....	0	0.00	T	29.99	29.52	29.705	2.0	1.7	247	20	W	9	261		
30	46.4	30.6	38.5*	37.9	24	60	26	0	.....	0	0.00	0.0	30.43	29.99	30.249	1.3	1.0	308	20	WNW	9	351		
31	62.7	26.9	44.8	42.6	29	65	20	0	.....	0	0.00	0.0	30.44	30.17	30.315	0.6	0.6	221	11	WSW	4	241		
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		For the month:												---		
1908	1213					445	0			2.25	T	30.60	29.21	30.066	0.8	0.4	298	31	S	9	351			
Avg	Avg	Avg	Mean	Avg	Avg	-----	-----	Precip		Season Ttl		Date	Date	-----	-----	-----	-----	Date	Date	Avg				
61.5	39.1	50.3	49.0	41	76.6	-----	-----	≥.01 inch	8	39.92	T	23	28	-----	-----	-----	-----	25	30					
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			541	710	Thunder		0		Precipitation		Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	-----	-----	Heavy Fog		0		0.84	27-28	T	28+	0				-						
0	0	8	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.

## OBSERVATIONS AT 3-HOUR INTERVALS

## October 2008: 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	Direction	Speed	Gust						Direction	Speed	Gust			
OCT 01									OCT 02									OCT 03															
01		29.69	0.07	59	58	97	17	0	0	29.52	0.00	56	51	84	31	0	1	29.79	0.00	43	41	91	23	0	0								
04		29.63	0.00	59	58	97	17	0	0	29.50	0.00	55	49	81	28	1	3	29.79	0.00	43	42	94	23	0	0								
07		29.62	0.00	59	59	98	17	0	0	29.53	0.00	52	47	83	21	1	7	29.80	0.00	43	41	94	23	0	0								
10		29.61	0.00	61	59	92	23	0	2	29.59	0.00	55	42	61	24	2	15	29.83	0.00	51	46	82	22	1	2								
13		29.59	0.00	68	52	57	19	1	4	29.60	0.00	58	40	50	34	3	14	29.86	0.00	58	46	63	19	3	9								
16		29.55	0.00	68	53	58	32	2	5	29.63	0.00	59	42	53	25	1	4	29.91	0.00	57	45	64	01	0	4								
19		29.57	0.00	58	55	91	22	0	0	29.70	0.00	53	45	76	23	0	2	29.97	0.00	50	45	84	22	0	0								
22		29.55	0.00	57	56	96	22	0	0	29.77	0.00	46	43	88	23	0	0	30.03	0.00	42	41	95	22	0	0								
OCT 04									OCT 05									OCT 06															
01		30.07	0.00	40	38	95	22	0	0	30.19	0.00	47	46	97	25	0	0	30.24	0.00	45	45	98	17	0	0								
04		30.10	0.00	38	36	95	22	0	0	30.19	0.00	49	48	97	25	0	0	30.24	0.00	45	44	98	17	0	0								
07		30.15	0.00	36	35	95	22	0	0	30.22	0.10	50	50	97	25	0	2	30.25	0.00	46	45	98	17	0	0								
10		30.20	0.00	45	43	97	22	0	0	30.22	0.00	53	52	98	06	0	1	30.27	0.00	51	48	92	17	0	0								
13		30.16	0.00	56	43	61	19	1	4	30.19	0.00	57	55	93	07	0	3	30.23	0.00	60	42	52	25	1	5								
16		30.12	0.00	62	43	50	30	2	6	30.16	0.00	61	53	77	24	0	1	30.24	0.00	57	44	63	34	2	11								
19		30.16	0.00	52	47	83	25	0	0	30.19	0.00	54	53	95	17	0	0	30.28	0.00	48	44	87	34	0	0								
22		30.19	0.00	47	45	94	25	0	0	30.23	0.00	48	47	98	17	0	0	30.34	0.00	42	41	96	34	0	0								
OCT 07									OCT 08									OCT 09															
01		30.34	0.00	39	38	96	34	0	1	30.17	0.00	39	38	96	32	0	0	29.90	0.00	55	52	89	25	0	0								
04		30.34	0.00	37	35	95	34	0	0	30.13	0.00	37	36	96	32	0	0	29.86	0.00	57	55	93	26	0	2								
07		30.35	0.00	35	33	95	34	0	0	30.15	0.00	36	35	96	32	0	0	29.88	0.00	58	57	95	25	0	1								
10		30.35	0.00	44	40	86	26	1	7	30.14	0.00	46	46	99	32	0	0	29.90	0.00	64	59	84	23	2	6								
13		30.28	0.00	57	35	43	26	1	4	30.09	0.00	61	45	55	27	0	2	29.88	0.00	70	56	60	23	1	5								
16		30.22	0.00	61	37	40	21	0	4	30.00	0.00	64	44	49	23	1	4	29.85	0.00	74	55	53	19	2	6								
19		30.19	0.00	49	45	86	32	0	0	29.97	0.00	56	48	76	25	0	0	29.90	0.00	61	57	86	23	0	0								
22		30.19	0.00	42	41	95	32	0	0	29.96	0.00	53	50	88	25	0	0	29.94	0.00	55	53	96	23	0	0								
OCT 10									OCT 11									OCT 12															
01		29.98	0.00	51	51	98	23	0	1	30.26	0.00	44	42	95	29	0	0	30.39	0.00	46	45	97	28	0	0								
04		30.02	0.00	53	53	98	33	1	6	30.30	0.00	42	41	95	29	0	0	30.41	0.00	44	43	97	28	0	0								
07		30.10	0.00	50	47	89	26	0	0	30.36	0.00	40	39	95	29	0	0	30.46	0.00	42	41	96	28	0	0								
10		30.17	0.00	58	47	65	33	1	5	30.39	0.00	51	50	98	33	0	5	30.50	0.00	52	51	99	31	0	3								
13		30.17	0.00	67	36	32	33	1	9	30.38	0.00	66	45	46	18	0	2	30.45	0.00	65	48	53	31	1	3								
16		30.14	0.00	69	39	33	22	0	2	30.34	0.00	68	46	45	18	1	2	30.41	0.00	69	47	46	16	0	1								
19		30.19	0.00	54	49	81	29	0	0	30.36	0.00	55	51	84	28	0	0	30.41	0.00	56	52	86	17	0	0								
22		30.24	0.00	47	45	92	29	0	0	30.40	0.00	49	47	95	28	0	0	30.41	0.00	50	49	96	17	0	0								
OCT 13									OCT 14									OCT 15															
01		30.38	0.00	47	46	97	17	0	0	30.23	0.00	56	54	94	18	0	0	30.02	0.00	58	57	95	14	0	0								
04		30.32	0.00	49	48	98	17	0	0	30.22	0.00	53	51	94	18	0	0	30.02	0.00	60	53	80	01	0	7								
07		30.29	0.00	47	47	98	17	0	0	30.22	0.00	52	51	96	18	0	0	30.07	0.00	51	45	80	07	0	1								
10		30.27	0.00	64	54	70	08	1	12	30.21	0.00	60	57	89	18	0	2	30.10	0.00	57	47	69	29	1	5								
13		30.25	0.00	66	56	69	09	0	3	30.13	0.00	67	56	68	22	1	3	30.04	0.00	66	48	52	30	1	5								
16		30.20	0.00	72	57	59	18	0	0	30.05	0.00	70	59	69	18	2	6	29.99	0.00	69	43	39	29	0	3								
19		30.21	0.00	63	59	89	18	0	0	30.02	0.00	62	59	88	14	0	0	30.00	0.00	56	51	83	29	0	0								
22		30.22	0.00	58	56	94	18	0	0	30.02	0.00	59	58	96	14	0	0	30.00	0.00	50	48	93	29	0	0								
OCT 16									OCT 17									OCT 18															
01		29.96	0.00	50	48	95	29	0	0	29.99	0.00	52	40	62	35	1	6	30.08	0.00	42	37	83	12	0	2								
04		29.92	0.00	50	49	96	29	0	0	29.99	0.00	49	40	72	02	0	2	30.07	0.00	41	31	70	33	0	2								
07		29.90	0.00	52	51	96	29	0	1	30.04	0.00	43	39	85	30	0	0	30.11	0.00	38	30	73	09	0	1								
10		29.89	0.00	59	57	96	05	0	1	30.08	0.00	48	39	69	33	5	13	30.15	0.00	44	33	64	01	3	16								
13		29.81	0.00	66	62	87	26	0	1	30.04	0.00	55	37	51	35	4	12	30.13	0.00	54	32	44	34	3	13								
16		29.82	0.00	69	59	71	29	3	12	29.99	0.00	59	36	43	08	1	4	30.13	0.00	54	32	42	33	4	10								
19		29.90	0.00	61	51	68	29	3	11	30.03	0.00	47	40	79	34	0	0	30.18	0.00	47	34	60	32	1	5								
22		29.94	0.00	57	43	60	07	2	5	30.07	0.00	40	38	92	34	0	0	30.23	0.00	40	32	73	06	0	2								

## MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.09	0.11	0.13	0.18	0.21	0.22	0.24	0.32	0.37	0.39	0.44	0.47
Ended: Date	05	05	05	05	05	05	05	05	05	05	05	05
Ended: Time	0743	0743	0743	0743	0752	0752	0745	0743	0752	0752	0834	0834

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

## October 2008: Oakland, NJ

Hour	OCT 19									OCT 20									OCT 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		30.24	0.00	42	31	67	08	0	3		30.25	0.00	31	28	90	33	0	0		30.00	0.00	35	32	90	20	0	0
04		30.26	0.00	39	31	73	35	1	3		30.25	0.00	29	26	90	33	0	1		29.94	0.00	32	30	90	20	0	0
07		30.29	0.00	38	30	74	10	0	5		30.24	0.00	28	26	91	33	0	1		29.90	0.00	31	29	92	20	0	0
10		30.31	0.00	42	30	61	00	3	11		30.22	0.00	37	35	94	33	1	2		29.86	0.00	46	39	75	20	0	1
13		30.29	0.00	50	28	42	09	3	11		30.12	0.00	56	23	28	25	0	3		29.82	0.00	50	44	79	22	1	3
16		30.27	0.00	52	28	39	33	2	11		30.06	0.00	60	23	24	30	0	4		29.78	0.00	57	34	42	25	1	10
19		30.26	0.00	41	31	68	33	0	1		30.04	0.00	46	35	65	20	0	0		29.89	0.00	50	31	48	23	3	14
22		30.26	0.00	34	30	85	33	0	0		30.03	0.00	37	34	87	20	0	0		29.92	0.00	44	29	54	30	3	18
OCT 22									OCT 23									OCT 24									
01		29.93	0.00	42	31	64	32	2	7		30.49	0.00	38	32	78	33	2	6		30.53	0.00	29	26	88	33	0	0
04		29.98	0.00	43	33	68	00	1	7		30.52	0.00	36	31	83	00	2	7		30.51	0.00	27	25	90	33	0	0
07		30.06	0.00	42	33	71	30	2	11		30.56	0.00	33	29	84	35	0	1		30.49	0.00	26	23	90	33	0	0
10		30.15	0.00	45	32	59	00	4	10		30.60	0.00	38	31	75	34	2	7		30.48	0.00	34	32	95	33	0	1
13		30.19	0.00	49	31	49	33	3	18		30.57	0.00	49	32	52	01	0	6		30.41	0.00	51	37	59	17	1	4
16		30.27	0.00	48	32	55	35	3	11		30.52	0.00	52	29	41	34	1	5		30.34	0.00	54	37	52	17	0	6
19		30.35	0.00	45	33	65	32	1	4		30.54	0.00	40	32	73	33	0	0		30.32	0.00	48	40	76	16	0	1
22		30.43	0.00	42	33	71	34	1	7		30.54	0.00	33	29	86	33	0	0		30.32	0.00	43	39	86	16	0	0
OCT 25									OCT 26									OCT 27									
01		30.27	0.00	42	40	90	16	0	0		29.74	0.00	51	49	93	14	1	1		29.83	0.00	40	37	90	27	0	0
04		30.21	0.00	44	42	93	15	0	0		29.78	0.00	48	46	94	24	0	2		29.81	0.00	38	36	92	27	0	0
07		30.14	0.00	48	46	93	02	0	2		29.83	0.00	43	41	94	24	0	1		29.84	0.00	36	34	93	27	0	0
10		30.07	0.00	52	51	95	02	0	3		29.85	0.00	46	45	97	23	1	2		29.90	0.00	48	47	96	27	0	2
13		29.93	0.00	60	58	91	20	1	13		29.80	0.00	59	35	41	25	2	4		29.86	0.00	56	39	52	34	2	10
16		29.78	0.01	62	60	93	22	3	13		29.77	0.00	60	40	48	19	1	6		29.82	0.00	57	35	44	35	4	10
19		29.68	0.01	62	61	95	29	3	15		29.80	0.00	50	42	75	27	0	0		29.82	0.00	52	38	59	31	2	5
22		29.75	0.07	56	54	91	31	2	15		29.84	0.00	43	40	87	27	0	0		29.76	0.00	47	38	71	35	3	17
OCT 28									OCT 29									OCT 30									
01		29.66	0.10	46	41	84	04	2	10		29.55	0.00	40	29	64	28	7	20		29.99	0.00	35	24	64	32	1	9
04		29.53	0.05	40	38	92	10	2	13		29.58	0.00	40	28	62	18	2	8		30.07	0.00	36	24	61	21	2	6
07		29.35	0.12	41	40	94	01	4	12		29.60	0.00	39	27	64	22	2	10		30.17	0.00	31	24	75	19	1	3
10		29.26	0.04	43	41	94	00	3	18		29.66	0.00	42	27	55	26	4	10		30.27	0.00	38	24	58	23	3	14
13		29.21	0.00	37	34	91	34	4	16		29.67	0.00	44	23	42	30	4	11		30.31	0.00	43	22	43	30	2	12
16		29.25	0.00	37	34	89	26	4	22		29.73	0.00	44	21	40	35	2	11		30.32	0.00	46	23	39	32	1	6
19		29.38	0.00	38	35	88	35	1	12		29.85	0.00	39	24	54	34	1	9		30.38	0.00	41	27	58	18	1	4
22		29.48	0.00	40	31	70	22	3	14		29.94	0.00	35	24	65	05	0	3		30.42	0.00	34	28	77	20	0	1
OCT 31																											
01		30.43	0.00	30	26	85	20	0	1																		
04		30.42	0.00	28	25	88	20	0	0																		
07		30.42	0.00	27	24	90	20	0	0																		
10		30.41	0.00	34	33	95	20	0	2																		
13		30.29	0.00	58	27	30	18	2	4																		
16		30.20	0.00	62	29	28	21	2	7																		
19		30.20	0.00	54	33	45	22	1	6																		
22		30.19	0.00	44	34	69	16	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

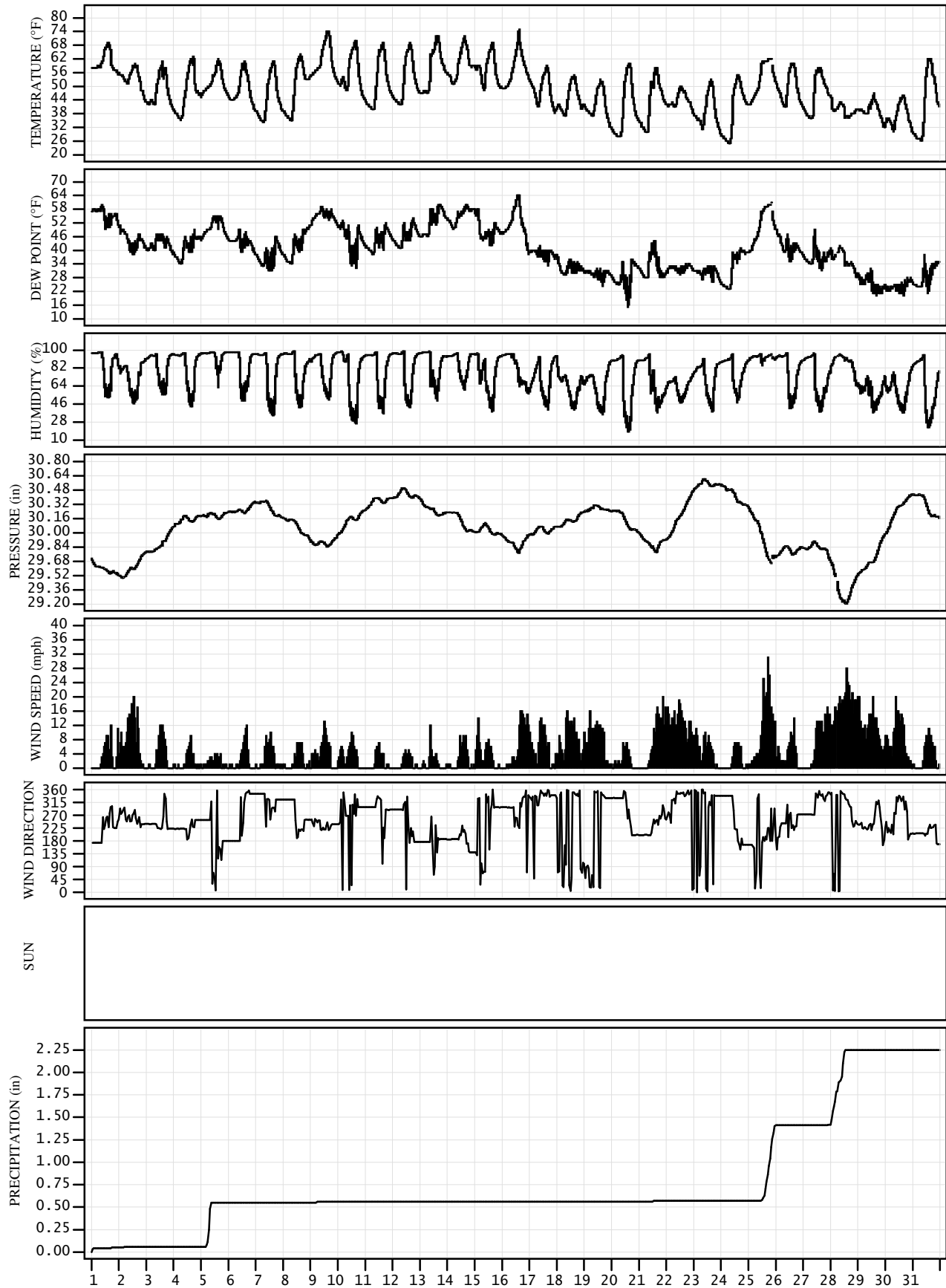
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		30.069	44	40	87	0.5	32	0.3
04		30.061	43	40	88	0.4	1	0.0
07		30.077	42	39	89	0.4	31	0.1
10		30.094	49	43	83	1.3	32	0.7
13		30.057	57	41	56	1.6	31	0.6
16		30.028	60	41	51	1.4	30	0.7
19		30.057	51	43	76	0.6	29	0.4
22		30.084	46	41	85	0.5	32	0.2

## HOURLY PRECIPITATION (Water Equivalent) October 2008: Oakland, NJ

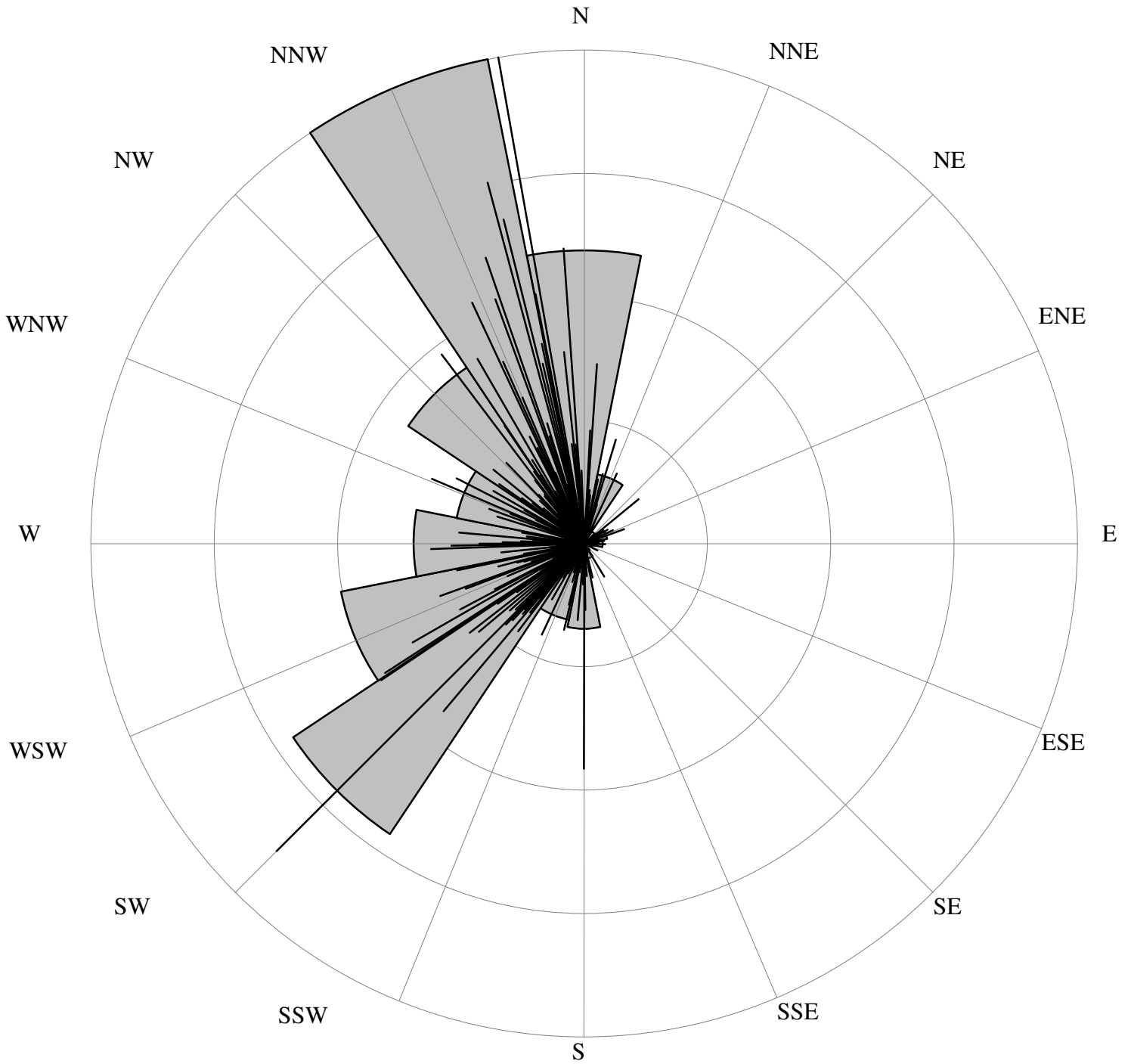
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01	0.03	0.01															0.01							01	
02					0.01																			02	
03																								03	
04																								04	
05					0.02	0.03	0.14	0.23	0.07															05	
06																								06	
07																								07	
08																								08	
09						0.01																		09	
10																								10	
11																								11	
12																								12	
13																								13	
14																								14	
15																								15	
16																								16	
17																								17	
18																								18	
19																								19	
20																								20	
21													0.01											21	
22																								22	
23																								23	
24																								24	
25											0.01	0.02	0.03	0.07	0.08	0.08	0.10	0.08	0.13	0.09	0.07	0.07	0.01	25	
26																								26	
27																						0.01		27	
28	0.05	0.10	0.05	0.05	0.12		0.10	0.01	0.01	0.04	0.15	0.13	0.02											28	
29																								29	
30																								30	
31																								31	
Sum	0.08	0.11	0.05	0.05	0.15	0.04	0.24	0.24	0.08	0.04	0.15	0.14	0.05	0.03	0.07	0.08	0.08	0.11	0.08	0.13	0.09	0.08	0.07	0.01	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  
October 2008: Oakland, NJ



Wind Rose: October 2008  
Oakland, NJ



Maximum direction of wind: 19.8 miles from 350°  
Maximum sector of wind: 135.1 miles from NNW  
604.4 total miles of wind