

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### October 2007

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	Speed		Dir	Speed
1	2	3	4A	4B	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	68.8	48.2	58.5	56.9	52	84	6	0	.....	0	0.00	0.0	30.46	30.36	30.415	0.3	0.3	162	11	SSE	5	195		
2	73.7	46.2	60.0	59.4	54	83	5	0	.....	0	0.00	0.0	30.38	30.19	30.294	0.3	0.3	199	11	S	4	135		
3	77.9	58.0	68.0	66.3	62	87	0	0	.....	0	0.00	0.0	30.19	30.02	30.108	0.3	0.2	220	9	ESE	4	169		
4	84.1	64.2	74.2	71.7	65	82	0	9	.....	0	0.00	0.0	30.19	30.08	30.117	0.3	0.3	216	7	SSW	3	228		
5	81.8	59.6	70.7	68.3	62	82	0	6	.....	0	0.00	0.0	30.27	30.18	30.215	0.2	0.2	224	6	S	3	125		
6	83.2	58.7	71.0	68.6	61	80	0	6	.....	0	0.00	0.0	30.20	29.97	30.099	0.4	0.4	216	11	SW	4	216		
7	79.2	64.8	72.0	70.8	63	76	0	7	.....	0	0.00	0.0	30.04	29.92	29.973	0.7	0.6	346	11	NNW	5	313		
8	87.4*	64.0	75.7*	73.4	64	74	0	11	.....	0	0.03	0.0	30.04	29.72	29.863	1.0	0.9	248	19	W	7	296		
9	69.9	58.3	64.1	63.9	62	92	1	0	.....	0	0.81	0.0	29.86	29.71	29.779	0.4	0.2	52	10	NE	5	347		
10	66.9	58.4	62.7	61.2	59	94	2	0	.....	0	0.07	0.0	29.78	29.64	29.695	0.2	0.1	355	7	NNW	3	344		
11	64.5	58.3	61.4	60.7	59	93	3	0	.....	0	0.66	0.0	29.67	29.38	29.541	0.7	0.6	32	11	NW	4	75		
12	58.3	45.5	51.9	53.5	45	73	13	0	.....	0	0.36	0.0	29.84	29.34	29.572	2.8	2.5	303	25	N	12	309		
13	59.2	39.2	49.2	47.7	38	71	16	0	.....	0	0.00	0.0	29.95	29.84	29.891	0.5	0.4	248	11	W	5	192		
14	62.3	40.5	51.4	49.4	41	74	13	0	.....	0	0.00	0.0	30.11	29.93	30.004	1.2	1.0	307	21	NW	7	293		
15	65.8	41.5	53.7	52.0	45	79	11	0	.....	0	0.00	0.0	30.17	30.06	30.108	0.6	0.4	268	12	W	6	241		
16	67.1	49.1	58.1	56.0	45	70	7	0	.....	0	0.00	0.0	30.15	30.06	30.111	0.2	0.1	267	5	W	3	340		
17	70.8	47.7	59.3	57.1	53	87	5	0	.....	0	0.00	0.0	30.13	29.98	30.058	0.1	0.1	226	5	SE	3	144		
18	75.8	53.2	64.5	62.6	58	85	0	0	.....	0	0.00	0.0	29.98	29.81	29.898	0.2	0.2	218	10	SW	4	246		
19	73.5	63.9	68.7	68.2	66	94	0	4	.....	0	1.11	0.0	29.81	29.46	29.664	0.8	0.7	211	22	SW	10	229		
20	67.9	49.2	58.6	59.8	52	79	6	0	.....	0	0.03	0.0	29.90	29.53	29.684	0.9	0.9	231	15	WNW	6	237		
21	73.0	43.5	58.3	55.3	47	77	6	0	.....	0	0.00	0.0	30.19	29.90	30.097	0.3	0.3	221	10	SSW	3	220		
22	75.3	43.9	59.6	56.9	50	79	5	0	.....	0	0.00	0.0	30.22	30.04	30.138	0.3	0.3	223	11	NW	4	228		
23	75.8	54.2	65.0	66.6	59	79	0	0	.....	0	0.01	0.0	30.04	29.64	29.810	1.2	1.1	230	21	SSW	7	327		
24	66.4	52.2	59.3	58.2	55	88	6	0	.....	0	0.12	0.0	30.10	29.69	29.865	0.5	0.4	356	9	NNW	4	339		
25	57.2	45.1	51.2	51.4	47	86	14	0	.....	0	0.06	0.0	30.41	30.04	30.243	0.6	0.6	31	11	E	5	79		
26	54.2	43.3	48.8	50.3	46	85	16	0	.....	0	0.28	0.0	30.42	30.21	30.353	0.6	0.6	4	10	NNW	3	352		
27	67.6	53.8	60.7	59.7	56	88	4	0	.....	0	2.17	0.0	30.21	29.82	29.987	1.1	0.9	231	15	W	6	204		
28	55.4	36.8	46.1	48.9	34	58	19	0	.....	0	0.00	0.0	30.42	30.01	30.260	2.1	1.9	317	18	NW	8	339		
29	51.7	32.2*	42.0*	40.0	30	71	23	0	.....	0	0.00	0.0	30.49	30.32	30.406	0.6	0.5	305	13	NNW	6	343		
30	61.3	33.1	47.2	44.7	36	74	18	0	.....	0	0.00	0.0	30.39	30.28	30.336	0.4	0.3	291	12	NNW	5	344		
31	62.9	34.0	48.5	46.9	39	77	16	0	.....	0	0.00	0.0	30.34	30.10	30.241	0.5	0.5	218	12	WSW	4	200		
Sum	Sum	-----	-----	---	----		Ttl	Ttl					For the month:										---	
2139	1541						215	46	Number of Days				5.71	0.0	30.49	29.34	30.026	0.7	0.3	277	25	N	12	309
Avg	Avg	Avg	Mean	Avg	Avg		----	----	Precip	Season Ttl	Date	Date	-----	----	----	----	----	----	----	Date	Date	Avg		
69.0	49.7	59.3	58.3	52	80.8		----	----	≥.01 inch	12	37.75	0.0	29	12	-----	----	----	----	----	----	----	12	12	
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			323	741	Thunder	0	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	2.44	26-27	0.0	-	0					-							
0	0	1	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 2007: 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		30.44	0.00	50	49	96	18	0	0		30.37	0.00	48	47	95	13	0	0		30.18	0.00	59	56	90	21	0	0						
04		30.42	0.00	49	48	96	18	0	0		30.33	0.00	46	45	94	13	0	0		30.15	0.00	59	57	93	21	0	0						
07		30.46	0.00	48	47	95	18	0	0		30.35	0.00	50	48	96	13	0	1		30.14	0.00	61	60	96	21	0	0						
10		30.45	0.00	62	56	81	06	0	3		30.35	0.00	60	57	89	32	0	2		30.14	0.00	66	64	93	33	0	1						
13		30.42	0.00	65	57	74	12	0	2		30.29	0.00	70	57	62	19	1	4		30.10	0.00	72	65	79	25	1	6						
16		30.37	0.00	68	53	60	23	1	9		30.24	0.00	71	58	64	24	1	7		30.03	0.00	78	64	63	14	2	5						
19		30.38	0.00	61	52	73	13	0	0		30.24	0.00	67	59	77	18	0	3		30.05	0.00	69	65	85	22	0	0						
22		30.38	0.00	52	50	93	13	0	0		30.23	0.00	62	58	88	21	0	0		30.08	0.00	64	63	96	22	0	1						
OCT 04									OCT 05									OCT 06															
01		30.09	0.00	67	66	96	10	0	0		30.19	0.00	64	62	96	23	0	0		30.19	0.00	60	58	92	19	0	0						
04		30.09	0.00	67	65	95	10	0	0		30.21	0.00	62	60	94	23	0	0		30.17	0.00	59	57	93	19	0	0						
07		30.12	0.00	66	65	95	10	0	0		30.25	0.00	60	58	94	23	0	0		30.16	0.00	60	58	95	18	0	1						
10		30.15	0.00	69	65	87	20	1	2		30.27	0.00	66	65	98	23	0	1		30.16	0.00	65	64	98	19	0	3						
13		30.12	0.00	80	65	60	22	0	7		30.23	0.00	80	65	60	24	1	3		30.09	0.00	80	67	64	19	1	4						
16		30.09	0.00	83	65	54	20	1	4		30.19	0.00	81	64	57	21	1	3		30.03	0.00	83	59	44	23	1	6						
19		30.11	0.00	74	66	76	23	0	0		30.19	0.00	71	63	74	19	0	0		30.02	0.00	72	62	70	18	0	0						
22		30.17	0.00	66	64	92	23	0	0		30.20	0.00	63	61	93	19	0	0		30.00	0.00	68	62	81	18	1	2						
OCT 07									OCT 08									OCT 09															
01		29.96	0.00	68	62	81	18	0	1		30.02	0.00	64	57	76	27	0	0		29.72	0.00	68	67	97	29	0	0						
04		29.93	0.00	65	61	87	18	0	0		29.97	0.00	65	61	86	27	0	4		29.72	0.00	67	66	97	29	0	1						
07		29.94	0.00	69	63	81	24	0	1		29.95	0.00	66	63	90	20	0	2		29.75	0.00	65	64	97	29	0	1						
10		29.97	0.00	75	65	72	34	3	5		29.92	0.00	72	62	71	23	2	9		29.81	0.00	69	69	99	33	1	3						
13		29.98	0.00	78	65	66	32	2	6		29.83	0.00	82	65	57	21	3	8		29.84	0.00	64	59	85	09	1	4						
16		29.97	0.00	79	61	54	00	3	9		29.76	0.00	87	65	47	31	1	13		29.79	0.00	62	57	86	13	1	2						
19		29.98	0.00	69	62	78	32	0	0		29.74	0.00	79	67	65	25	0	0		29.79	0.00	60	56	89	08	0	1						
22		30.04	0.00	67	63	87	16	0	0		29.74	0.00	71	70	96	29	0	0		29.80	0.06	58	56	93	05	0	2						
OCT 10									OCT 11									OCT 12															
01		29.78	0.13	59	57	95	05	0	1		29.65	0.00	61	60	96	07	2	5		29.37	0.00	58	57	97	35	0	1						
04		29.71	0.00	59	58	96	02	0	1		29.64	0.00	61	59	95	07	0	2		29.35	0.07	56	55	96	35	3	10						
07		29.71	0.00	59	58	96	33	0	2		29.63	0.00	60	58	94	34	0	1		29.43	0.08	54	52	94	34	2	12						
10		29.70	0.00	61	61	98	05	0	3		29.60	0.00	61	57	86	02	2	6		29.53	0.00	54	46	75	29	8	23						
13		29.69	0.00	63	61	93	35	0	1		29.54	0.00	63	58	85	08	3	10		29.60	0.00	57	43	59	25	5	15						
16		29.64	0.00	67	62	84	15	0	3		29.46	0.00	62	60	95	35	1	6		29.68	0.00	55	37	50	32	6	18						
19		29.66	0.00	61	60	94	33	0	0		29.43	0.00	61	60	96	01	2	5		29.75	0.00	50	36	59	15	1	5						
22		29.68	0.00	62	60	95	02	0	0		29.41	0.00	59	58	96	11	1	5		29.82	0.00	47	35	63	17	0	6						
OCT 13									OCT 14									OCT 15															
01		29.84	0.00	43	36	76	06	0	0		29.94	0.00	43	41	92	21	0	2		30.13	0.00	43	40	89	34	0	0						
04		29.86	0.00	42	37	83	10	0	2		29.94	0.00	41	38	89	10	0	1		30.12	0.00	45	43	92	34	0	0						
07		29.91	0.00	41	36	84	22	0	1		29.98	0.00	41	38	88	20	0	0		30.15	0.00	42	39	91	34	0	1						
10		29.94	0.00	49	39	69	31	1	4		30.01	0.00	53	41	65	20	4	10		30.16	0.00	51	46	82	23	1	3						
13		29.88	0.00	58	40	50	21	2	9		29.99	0.00	61	42	50	28	3	10		30.10	0.00	62	47	58	22	2	6						
16		29.86	0.00	57	41	55	18	0	2		30.00	0.00	60	40	46	33	5	14		30.06	0.00	65	48	54	34	0	6						
19		29.89	0.00	52	40	63	30	0	0		30.07	0.00	54	42	63	31	0	7		30.09	0.00	54	48	80	33	0	0						
22		29.93	0.00	43	38	83	30	0	0		30.10	0.00	46	41	83	34	0	0		30.09	0.00	51	47	86	34	0	1						
OCT 16									OCT 17									OCT 18															
01		30.10	0.00	54	47	77	28	0	2		30.12	0.00	50	47	90	03	0	0		29.98	0.00	54	52	92	17	0	0						
04		30.13	0.00	52	47	81	09	0	0		30.11	0.00	48	46	91	03	0	0		29.97	0.00	54	52	94	17	0	0						
07		30.15	0.00	50	46	88	09	0	0		30.11	0.00	49	47	93	03	0	0		29.96	0.00	54	52	95	17	0	0						
10		30.15	0.00	55	47	73	12	0	1		30.11	0.00	56	53	89	03	0	1		29.93	0.00	61	60	98	17	0	1						
13		30.11	0.00	64	37	37	04	0	3		30.05	0.00	65	58	78	24	0	3		29.88	0.00	72	62	70	20	2	9						
16		30.07	0.00	65	46	50	32	0	2		30.00	0.00	70	59	68	24	0	3		29.83	0.00	74	62	67	22	0	3						
19		30.09	0.00	57	49	76	32	0	0		29.99	0.00	62	59	91	17	0	1		29.83	0.00	67	62	82	22	0	0						
22		30.11	0.00	52	47	84	03	0	0		29.99	0.00	57	55	92	17	0	0		29.83	0.00	65	61	88	22	0	1						

## MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.18	2.18	2.19
Ended: Date	27	27	27	27	27	27	27	27	27	20	20	20
Ended: Time	2359	2359	2359	2359	2359	2359	2359	2359	2359	0009	0009	0044

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 2007: 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		29.80	0.00	64	62	92	24	0	1		29.57	0.00	61	58	90	18	0	5		29.93	0.00	49	46	91	27	0	0
04		29.78	0.00	65	63	94	32	0	0		29.58	0.00	60	59	95	18	0	0		30.00	0.00	45	42	90	27	0	0
07		29.77	0.00	66	64	95	32	0	0											30.07	0.00	44	42	93	27	0	1
10		29.75	0.00	67	66	96	05	1	1		29.69	0.00	58	57	97	24	2	9		30.15	0.00	50	49	97	27	1	2
13		29.67	0.00	73	69	86	29	2	10		29.66	0.00	67	53	60	24	1	10		30.13	0.00	69	50	50	17	1	4
16		29.58	0.00	69	67	93	06	2	6		29.66	0.00	67	48	51	20	2	7		30.13	0.00	73	50	45	23	1	4
19		29.52	0.00	70	69	96	23	0	5		29.78	0.00	58	48	69	27	0	0		30.15	0.00	58	52	80	24	0	0
22		29.48	0.00	71	69	96	30	1	5		29.85	0.00	51	46	85	27	0	1		30.18	0.00	53	49	86	24	0	0
OCT 22									OCT 23									OCT 24									
01		30.19	0.00	50	47	90	24	0	0		30.02	0.00	55	52	91	23	0	0		29.71	0.00	65	61	88	33	0	1
04		30.17	0.00	47	44	91	24	0	0		29.95	0.00	56	54	94	23	0	0		29.71	0.00	62	58	89	09	1	3
07		30.20	0.00	44	42	92	24	0	0		29.91	0.00	61	60	97	25	1	4		29.80	0.00	59	56	89	10	0	3
10		30.19	0.00	55	54	98	24	0	0		29.88	0.00	67	61	82	21	4	13		29.85	0.00	58	56	93	32	0	3
13		30.16	0.00	70	56	61	18	1	4		29.78	0.00	75	61	62	22	5	21		29.88	0.00	57	52	86	01	1	5
16		30.08	0.00	73	51	45	21	1	5		29.66	0.00	76	61	60	23	4	11		29.89	0.00	58	52	81	33	2	3
19		30.07	0.00	61	54	78	22	0	0		29.65	0.00	73	61	66	25	1	4		29.99	0.06	56	52	86	33	0	1
22		30.07	0.00	56	52	85	23	0	0		29.65	0.00	72	62	73	28	1	2		30.05	0.00	53	50	90	09	0	0
OCT 25									OCT 26									OCT 27									
01		30.09	0.00	52	50	92	09	0	3		30.40	0.00	44	42	91	06	0	1		30.18	0.00	54	53	96	33	0	4
04		30.11	0.00	51	49	93	07	0	4		30.40	0.00	45	41	86	34	1	4		30.09	0.00	55	55	97	33	0	2
07		30.18	0.00	50	48	93	11	0	4		30.40	0.00	47	39	72	02	1	4		30.02	1.87	57	56	98	33	0	3
10		30.24	0.00	51	49	94	07	0	2		30.41	0.00	51	42	71	34	1	5		29.96	0.12	61	61	100	12	1	2
13		30.28	0.00	55	47	74	07	2	7		30.38	0.00	54	48	79	03	2	5		29.84	0.00	67	67	100	21	2	7
16		30.29	0.00	57	48	73	04	2	6		30.32	0.00	53	51	91	07	0	2		29.88	0.00	66	60	83	22	1	7
19		30.33	0.00	52	46	80	06	0	0		30.29	0.04	53	52	94	35	0	3		29.95	0.00	60	51	72	24	1	10
22		30.39	0.00	47	44	88	06	0	0		30.26	0.06	53	52	95	35	0	1		29.99	0.00	57	43	60	26	2	13
OCT 28									OCT 29									OCT 30									
01		30.02	0.00	54	46	74	26	0	2		30.43	0.00	35	31	84	35	0	0		30.34	0.00	34	30	87	32	0	0
04		30.13	0.00	52	38	60	35	6	17		30.43	0.00	33	29	88	29	0	3		30.32	0.00	34	32	92	32	0	1
07		30.24	0.00	46	34	61	34	2	6		30.47	0.00	34	31	91	02	0	0		30.35	0.00	34	31	92	32	0	0
10		30.29	0.00	49	31	51	22	2	11		30.49	0.00	39	32	77	33	1	4		30.39	0.00	39	38	96	32	0	2
13		30.29	0.00	52	29	41	29	3	17		30.42	0.00	47	28	47	25	1	3		30.35	0.00	59	38	46	33	3	6
16		30.30	0.00	52	28	39	32	4	11		30.33	0.00	51	27	39	25	1	4		30.29	0.00	61	38	42	28	0	3
19		30.36	0.00	49	33	55	34	4	14		30.36	0.00	45	33	63	32	0	0		30.31	0.00	51	41	68	22	0	0
22		30.41	0.00	42	32	69	35	1	2		30.36	0.00	36	31	81	32	0	0		30.33	0.00	43	38	83	22	0	0
OCT 31																											
01		30.33	0.00	39	36	88	22	0	0																		
04		30.32	0.00	37	34	90	22	0	0																		
07		30.32	0.00	34	32	90	22	0	0																		
10		30.31	0.00	39	38	95	22	0	0																		
13		30.24	0.00	59	42	54	22	2	5																		
16		30.17	0.00	63	44	50	23	1	6																		
19		30.14	0.00	55	45	71	18	0	2																		
22		30.12	0.00	47	43	87	18	0	2																		

### 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

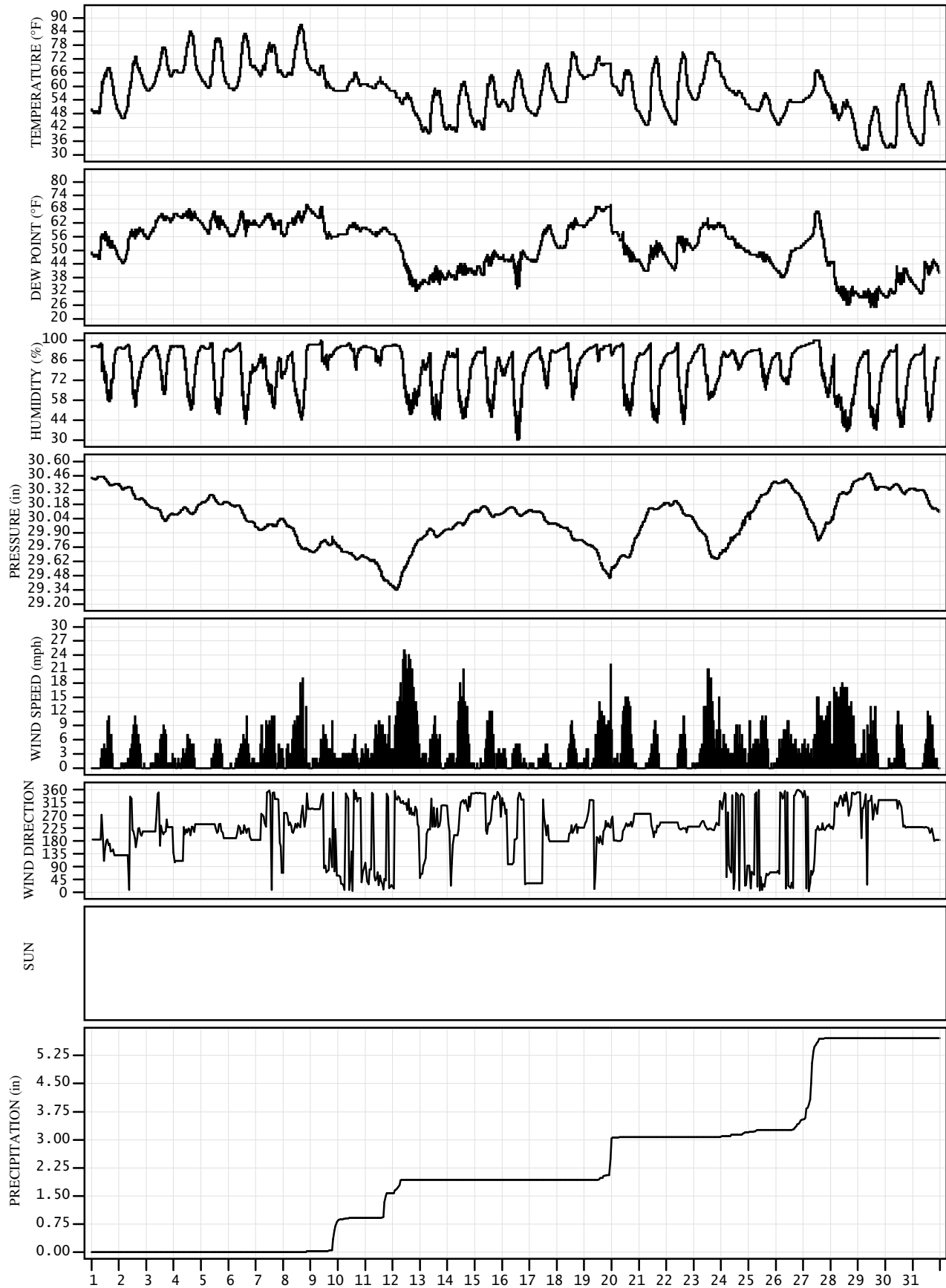
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		30.033	54	51	90	0.1	9	0.0
04		30.025	53	50	91	0.4	0	0.3
07		30.062	52	50	91	0.2	33	0.1
10		30.062	58	53	86	1.1	27	0.5
13		30.026	66	53	66	1.7	25	0.8
16		29.988	67	52	61	1.5	30	0.6
19		30.006	61	53	76	0.3	34	0.1
22		30.024	56	52	86	0.2	28	0.1

**HOURLY PRECIPITATION (Water Equivalent)  
October 2007: Oakland, NJ**

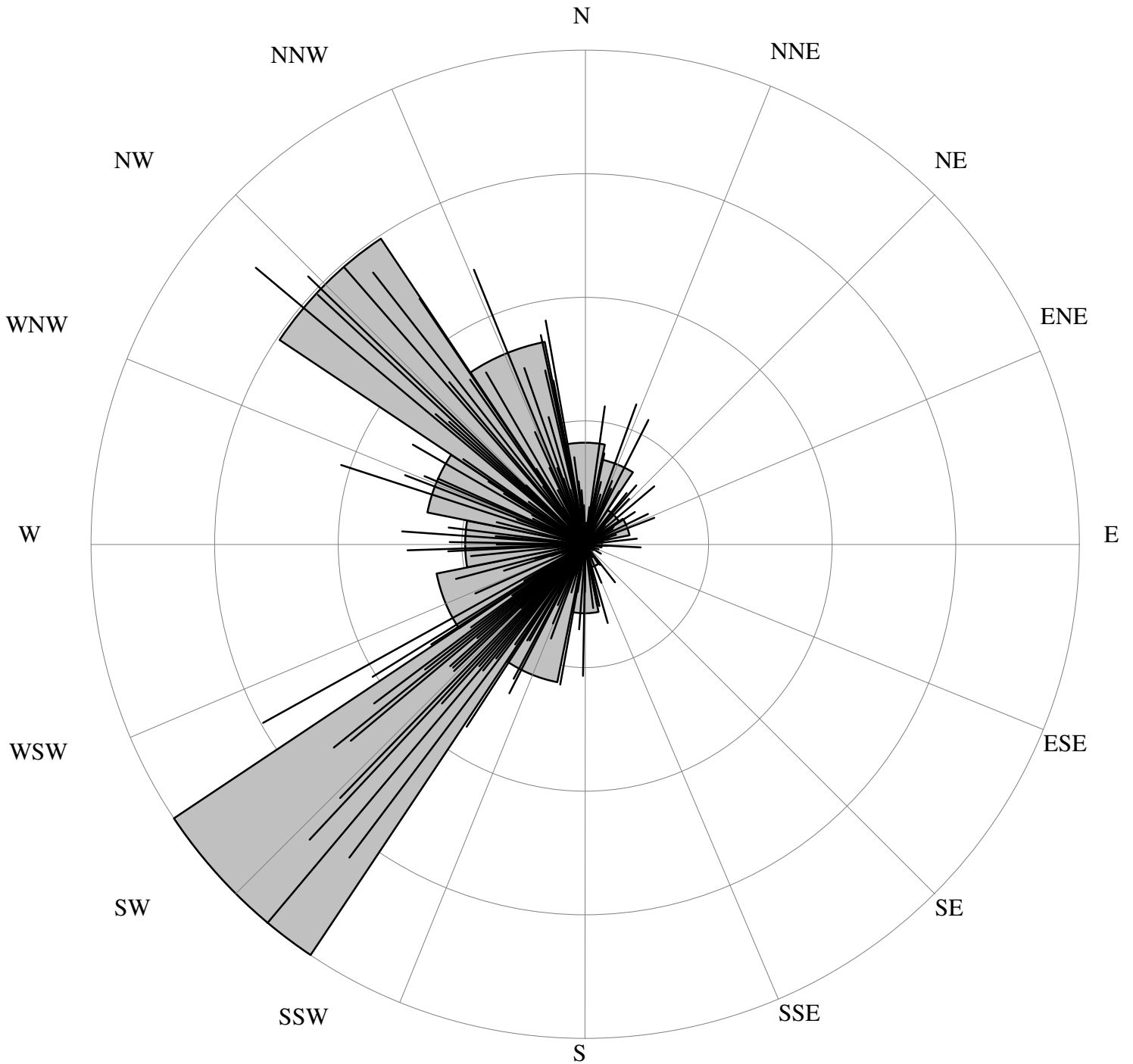
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02																									02
03																									03
04																									04
05																									05
06																									06
07																									07
08																									08
09																									09
10	0.02	0.02			0.01		0.01			0.01					0.01	0.01			0.29	0.03	0.25	0.11	0.10	0.04	10
11																									11
12	0.01	0.07	0.01	0.04	0.04	0.05	0.13	0.01							0.01	0.02	0.39	0.16	0.08						12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20	0.02						0.01					0.01	0.04			0.05	0.01		0.01			0.45	0.54		20
21																									21
22																									22
23																								0.01	23
24	0.01	0.01								0.04									0.02	0.02	0.02				24
25	0.01				0.01	0.01	0.02	0.01																	25
26																									26
27	0.01	0.04	0.24	0.03	0.07	0.14	0.44	0.54	0.32	0.11	0.06	0.05	0.02	0.09	0.01	0.02	0.03	0.05	0.04	0.02	0.03	0.05	0.03	27	
28																			0.01						28
29																									29
30																									30
31																									31
Sum	0.08	0.14	0.25	0.07	0.13	0.20	0.61	0.56	0.36	0.12	0.06	0.05	0.03	0.13	0.02	0.05	0.48	0.22	0.15	0.34	0.33	0.16	0.58	0.59	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 2007: Oakland, NJ



Wind Rose: October 2007  
Oakland, NJ



Maximum direction of wind: 12.9 miles from 220°  
Maximum sector of wind: 118.9 miles from SW  
490.6 total miles of wind