

LOCAL CLIMATOLOGICAL DATA

Monthly Summary November 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	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	62.6	39.9	51.3*	49.5	43	79	13	0	.....	0	0.00	0.0	30.17	29.95	30.026	0.7	0.4	306	15	NNW	7	353	
2	55.0	32.7	43.9	43.0	32	67	21	0	.....	0	0.00	0.0	30.35	30.17	30.272	0.9	0.7	22	14	NW	7	341	
3	49.4	39.5	44.5	44.9	29	56	20	0	.....	0	0.00	0.0	30.19	29.64	29.861	2.6	2.5	340	22	W	10	356	
4	54.4	36.5	45.5	47.0	32	58	19	0	.....	0	0.00	0.0	29.89	29.69	29.801	1.2	1.0	286	18	N	8	302	
5	56.3	33.1	44.7	44.7	35	71	20	0	.....	0	0.00	0.0	29.99	29.78	29.907	0.5	0.5	209	10	S	4	230	
6	51.6	35.5	43.6	45.7	36	72	21	0	.....	0	0.38	0.0	29.83	29.66	29.730	1.0	1.0	238	18	WSW	7	263	
7	47.6	27.5	37.6	38.2	26	65	27	0	.....	0	0.00	0.0	30.15	29.83	30.000	1.4	1.2	303	19	WNW	8	351	
8	43.2	24.2	33.7	33.3	24	71	31	0	.....	0	0.00	0.0	30.20	30.11	30.150	0.2	0.2	212	5	SSW	3	210	
9	43.1	28.2	35.7	35.7	31	84	29	0	.....	0	0.24	T	30.14	30.00	30.070	0.5	0.5	10	13	N	5	4	
10	43.3	32.1	37.7	37.1	32	83	27	0	.....	0	0.14	T	30.15	29.99	30.055	1.1	1.0	342	12	NW	7	345	
11	44.5	23.3	33.9	31.9	24	74	31	0	.....	0	0.00	0.0	30.28	30.15	30.236	0.5	0.5	332	13	WNW	6	329	
12	43.8	26.3	35.0	37.1	32	82	30	0	.....	0	0.12	0.0	30.28	29.95	30.167	0.0	0.0	251	4	SSE	2	165	
13	56.7	33.8	45.3	46.6	42	84	19	0	.....	0	0.08	0.0	29.98	29.86	29.920	0.5	0.4	317	13	N	6	6	
14	49.6	29.4	39.5	41.6	40	93	25	0	.....	0	0.00	0.0	29.95	29.65	29.840	0.0	0.0	35	2	NNE	1	34	
15	52.3	40.3	46.3	45.4	43	90	19	0	.....	0	0.51	0.0	29.65	29.41	29.475	1.4	1.3	306	18	NW	8	324	
16	44.6	34.0	39.3	39.6	27	60	25	0	.....	0	0.01	0.0	29.83	29.47	29.641	3.3	3.0	294	25	N	11	328	
17	44.5	29.5	37.0	36.9	25	64	27	0	.....	0	0.00	0.0	30.14	29.83	29.990	1.3	1.1	241	13	WSW	6	349	
18	40.9	32.9	36.9	37.5	27	66	28	0	.....	0	0.00	0.0	30.39	30.14	30.289	0.8	0.7	34	15	NW	7	338	
19	40.1	32.4	36.3	36.1	32	85	29	0	.....	0	0.18	1.0	30.43	30.29	30.374	0.5	0.5	16	10	WNW	4	7	
20	44.2	35.5	39.9	39.0	37	93	25	0	.....	0	0.18	0.0	30.29	29.98	30.098	0.0	0.0	159	3	ENE	2	226	
21	49.8	35.0	42.4	43.0	41	94	22	0	.....	0	0.00	0.0	30.05	29.83	29.960	0.0	0.0	34	3	SE	2	226	
22	63.9*	38.2	51.1	50.3	45	82	14	0	.....	0	0.04	0.0	29.90	29.56	29.708	1.3	0.9	293	20	WNW	11	358	
23	38.2	27.0	32.6	33.5	16	50	32	0	.....	0	0.00	0.0	30.30	29.90	30.089	3.1	3.0	319	24	N	11	323	
24	37.2	21.4	29.3*	28.5	13	55	36	0	.....	0	0.00	0.0	30.46	30.29	30.364	0.8	0.5	315	13	NW	7	335	
25	48.9	21.0*	35.0	32.9	19	61	30	0	.....	0	0.00	0.0	30.31	30.19	30.253	0.7	0.7	217	10	W	5	206	
26	45.1	31.9	38.5	40.0	38	93	26	0	.....	0	1.25	0.0	30.20	29.64	29.985	0.0	0.0	160	2	SW	1	224	
27	55.7	38.3	47.0	47.7	37	68	18	0	.....	0	0.05	0.0	30.09	29.61	29.865	3.0	2.5	254	23	NW	11	244	
28	42.3	32.7	37.5	37.5	22	54	27	0	.....	0	0.00	0.0	30.41	30.09	30.316	1.8	1.1	290	16	NNW	9	11	
29	47.7	33.5	40.6	39.6	30	69	24	0	.....	0	0.01	0.0	30.25	29.87	30.023	1.4	1.2	234	16	NW	8	270	
30	41.6	24.8	33.2	34.0	18	53	31	0	.....	0	0.00	0.0	30.23	30.06	30.145	1.6	1.3	254	15	W	7	323	
Sum	Sum	-----	-----	---	----	Ttl	Ttl						For the month:										---	
1438	950					746	0		Number of Days				3.19	1.0	30.46	29.41	30.020	1.1	0.7	295	25	N	11	323
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip				Season Ttl	Date	Date	-----	----	----	---	Date	Date	Avg		
47.9	31.7	39.8	39.9	31	72.5	----	----		≥.01 inch	13	40.94	1.0	24	15	-----	----	----	----	---	16	23			
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	1	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			1069	741	Thunder	0	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	1.25	26	1.0	19	0						-						
0	0	14	0	----	----	Clear	30	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

November 2007: Oakland, NJ

Hour	Wind									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	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																																																																																																																																																																																																
NOV 01																														NOV 02																														NOV 03																																																																																																																																																																											
01		30.08	0.00	43	40	89	18	0	0		30.19	0.00	42	33	69	10	0	3		30.17	0.00	40	33	77	35	0	2		04		30.02	0.00	41	39	93	18	1	2		30.23	0.00	37	32	80	19	0	2		30.10	0.00	42	30	63	00	3	15		07		29.98	0.00	48	47	97	24	0	0		30.31	0.00	33	30	88	19	0	0		30.01	0.00	43	31	63	35	4	10		10		29.97	0.00	54	53	95	23	0	7		30.35	0.00	39	35	87	04	4	11		29.91	0.00	44	33	66	34	8	16		13		29.95	0.00	62	46	56	22	2	7		30.31	0.00	52	29	41	34	4	9		29.76	0.00	45	34	65	33	5	9		16		29.98	0.00	56	42	58	32	0	6		30.26	0.00	54	29	38	09	0	3		29.64	0.00	49	29	45	35	3	20		19		30.06	0.00	50	39	67	09	0	0		30.28	0.00	46	35	64	05	0	0		29.67	0.00	46	30	52	16	1	3		22		30.14	0.00	40	36	86	01	0	3		30.25	0.00	40	33	76	05	0	0		29.68	0.00	47	16	28	30	3	13	
NOV 04																														NOV 05																														NOV 06																																																																																																																																																																											
01		29.71	0.00	47	21	36	31	2	12		29.89	0.00	36	32	85	32	0	0		29.75	0.00	51	46	84	22	0	3		04		29.76	0.00	46	33	59	23	0	5		29.89	0.00	40	36	87	31	0	0		29.68	0.04	49	46	90	18	3	7		07		29.83	0.00	43	36	76	22	1	6		29.96	0.00	33	30	87	31	0	0		29.68	0.00	48	46	93	21	0	3		10		29.83	0.00	51	36	58	23	1	10		29.98	0.00	49	38	65	19	1	3		29.69	0.00	46	44	92	23	0	6		13		29.78	0.00	53	35	49	04	1	4		29.92	0.00	55	31	39	21	0	5		29.67	0.00	50	32	49	22	4	16		16		29.79	0.00	53	32	45	32	1	3		29.90	0.00	54	34	46	24	0	7		29.73	0.00	48	26	42	23	0	7		19		29.84	0.00	47	35	63	32	0	0		29.88	0.00	45	35	69	19	0	1		29.81	0.00	41	28	60	25	0	0		22		29.87	0.00	40	33	75	32	0	0		29.84	0.00	47	39	74	24	0	3		29.83	0.00	36	27	69	21	1	3	
NOV 07																														NOV 08																														NOV 09																																																																																																																																																																											
01		29.83	0.00	34	28	76	22	1	2		30.14	0.00	27	24	88	16	0	3		30.13	0.00	31	27	83	27	0	0		04		29.86	0.00	34	29	84	22	1	2		30.15	0.00	26	23	89	16	0	1		30.11	0.00	31	27	84	27	0	0		07		29.94	0.00	40	29	66	24	2	9		30.18	0.00	24	21	89	16	0	0		30.13	0.00	28	25	86	35	0	0		10		30.03	0.00	45	26	48	33	4	11		30.19	0.00	39	25	57	10	1	2		30.11	0.00	41	29	62	31	1	4		13		30.01	0.00	47	27	46	27	2	7		30.13	0.00	43	22	43	25	1	5		30.05	0.00	40	36	86	06	0	0		16		30.05	0.00	44	26	48	01	2	7		30.11	0.00	42	24	48	27	0	0		30.02	0.00	40	36	85	34	0	2		19		30.11	0.00	36	26	65	31	0	0		30.14	0.00	35	26	69	27	0	0		30.01	0.00	38	35	89	35	0	5		22		30.14	0.00	29	24	81	31	0	0		30.15	0.00	32	26	77	27	0	0		30.01	0.00	36	33	91	02	3	7	
NOV 10																														NOV 11																														NOV 12																																																																																																																																																																											
01		30.01	0.00	34	31	91	36	0	1		30.16	0.00	30	25	83	08	0	0		30.28	0.00	26	23	88	30	0	0		04		29.99	0.00	33	31	92	06	0	2		30.19	0.00	26	23	88	08	0	0		30.25	0.00	29	27	90	30	0	1		07		30.03	0.00	36	34	94	00	0	2		30.26	0.00	24	21	88	08	0	0		30.25	0.00	32	29	90	30	0	0		10		30.06	0.00	40	35	85	32	2	7		30.28	0.00	31	29	92	28	2	4		30.25	0.00	37	30	75	30	0	1		13		30.05	0.00	41	34	77	32	1	6		30.24	0.00	42	22	44	34	1	9		30.16	0.00	42	31	66	30	0	0		16		30.05	0.00	43	35	73	33	0	3		30.21	0.00	43	24	47	31	1	7		30.12	0.00	44	35	72	30	0	2		19		30.10	0.00	37	31	80	31	0	3		30.26	0.00	33	25	72	30	0	0		30.07	0.00	42	36	79	30	0	0		22		30.13	0.00	36	28	74	35	2	5		30.27	0.00	28	23	83	30	0	0		30.00	0.08	42	39	90	16	1	1	
NOV 13																														NOV 14																														NOV 15																																																																																																																																																																											
01		29.92	0.00	44	42	94	16	0	0		29.95	0.00	33	30	89	03	0	0		29.61	0.00	50	49	96	03	0	0		04		29.86	0.00	45	44	96	22	0	1		29.93	0.00	30	28	90	03	0	0		29.50	0.00	50	49	96	03	0	1		07		29.88	0.00	46	45	96	24	0	1		29.93	0.00	29	27	91	03	0	0		29.42	0.00	50	49	97	03	0	0		10		29.92	0.00	51	50	98	24	0	1		29.91	0.00	41	40	97	03	0	0		29.43	0.05	47	45	94	30	5	18		13		29.90	0.00	56	44	65	33	1	6		29.82	0.00	48	46	93	03	0	0		29.42	0.04	43	40	89	33	2	9		16		29.92	0.00	56	43	62	33	0	4		29.78	0.00	50	48	93	03	0	0		29.45	0.00	42	38	86	35	1	14		19		29.97	0.00	43	37	81	03	0	0		29.75	0.00	49	48	94	03	0	1		29.48	0.00	42	37	82	23	1	5		22		29.98	0.00	37	34	88	03	0	1		29.70	0.00	49	48	95	03	0	0		29.47	0.00	40	35	82	27	2	7	
NOV 16																														NOV 17																														NOV 18																																																																																																																																																																											
01		29.48	0.00	42	35	75	01	0	9		29.84	0.00	35	21	57	24	1	4		30.15	0.00	35	29	78	01	0	1		04		29.52	0.00	41	33	72	00	3	12		29.90	0.00	31	24	77	23	1	3		30.19	0.00	35	29	79	05	0	1		07		29.56	0.00	40	30	68	30	2	13		29.96	0.00	30	26	84	21	1	2		30.25	0.00	33	29	84	05	0	3		10		29.61	0.00	42	28	56	29	9	20		29.99	0.00	39	27	62	21	3	5		30.32	0.00	39	24	54	34	2	7		13		29.64	0.00	44	26	49	27	8	18		29.98	0.00	43	24	47	27	2	6		30.31	0.00	39	26	60	08	1	5		16		29.70	0.00	40	24	53	31	6	15		30.01	0.00	43	23	45	22	1	3		30.32	0.00	41	25	53	06	0	2		19		29.76	0.00	36	20	52	31	2	7		30.08	0.00	40	27	59	01	0	1		30.34	0.00	38	28	66	06	0	1		22		29.80	0.00	34	22	60	25	1	4		30.12	0.00	35	28	73	01	0	0		30.37	0.00	39	24	55	06	1	4	

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.44	0.51
Ended: Date	06	06	06	06	06	06	06	06	06	06	26	26
Ended: Time	2359	2359	2359	2359	2359	2359	2359	2359	2359	2359	0451	0510

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

November 2007: Oakland, NJ

Hour	NOV 19									NOV 20									NOV 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	30.39	0.00	38	27	66	02	0	3	30.27	0.00	36	34	90	06	0	1	30.04	0.00	35	34	95	22	0	0			
04	30.39	0.00	35	29	77	33	2	6	30.20	0.00	37	34	89	06	0	1	30.03	0.00	37	36	96	22	0	0			
07	30.41	0.00	33	30	89	03	1	4	30.15	0.04	36	33	89	06	0	0	30.03	0.00	40	39	97	22	0	0			
10	30.43	0.00	33	31	92	02	0	0	30.09	0.07	38	35	92	06	0	1	30.02	0.00	44	43	98	22	0	0			
13	30.37	0.06	37	34	88	05	0	3	30.02	0.00	42	41	95	06	0	0	29.95	0.00	49	47	93	35	0	2			
16	30.35	0.00	40	36	87	04	0	3	29.99	0.00	44	43	96	19	0	1	29.90	0.00	50	47	92	04	0	0			
19	30.34	0.00	37	34	88	34	0	0	30.03	0.00	41	40	96	22	0	1	29.89	0.00	45	42	91	04	0	0			
22	30.32	0.00	37	34	90	06	0	2	30.06	0.00	38	37	95	22	0	0	29.86	0.00	44	42	93	04	0	0			
NOV 22									NOV 23									NOV 24									
01	29.80	0.00	45	43	95	04	0	0	29.91	0.00	37	25	61	05	2	20	30.32	0.00	26	13	57	15	1	9			
04	29.74	0.00	45	43	95	04	0	1	29.94	0.00	34	22	62	31	7	14	30.38	0.00	23	13	66	17	1	2			
07	29.71	0.00	45	44	96	04	0	0	30.02	0.00	32	18	55	24	2	15	30.43	0.00	21	13	70	10	1	3			
10	29.67	0.00	50	50	98	18	0	1	30.08	0.00	33	18	54	34	3	12	30.45	0.00	27	14	57	35	3	6			
13	29.57	0.00	62	53	72	20	3	6	30.08	0.00	37	18	45	27	3	12	30.38	0.00	36	11	34	01	1	4			
16	29.56	0.00	63	56	77	26	0	0	30.14	0.00	36	13	38	35	1	14	30.32	0.00	35	10	34	20	0	2			
19	29.72	0.00	52	40	65	29	5	19	30.23	0.00	31	11	43	05	2	8	30.32	0.00	29	15	55	20	0	0			
22	29.87	0.00	40	28	61	31	2	11	30.28	0.00	29	11	47	33	3	6	30.33	0.00	29	19	66	20	0	0			
NOV 25									NOV 26									NOV 27									
01	30.28	0.00	30	18	61	23	0	0	30.17	0.00	33	27	78	22	0	0	29.63	0.00	46	45	97	06	0	0			
04	30.28	0.00	24	17	73	23	0	0	30.14	0.09	35	32	89	22	0	1	29.66	0.00	51	51	99	22	2	3			
07	30.30	0.00	21	16	81	23	0	0	30.09	0.00	37	34	92	16	0	0	29.73	0.00	53	48	84	21	3	10			
10	30.30	0.00	31	25	77	21	1	4	30.08	0.00	39	37	93	16	0	1	29.88	0.00	49	35	58	31	7	14			
13	30.22	0.00	48	18	30	23	2	6	29.99	0.00	43	42	96	16	0	0	29.92	0.00	50	30	46	24	5	10			
16	30.20	0.00	47	17	30	23	3	5	29.92	0.00	44	43	96	16	0	0	29.95	0.00	50	27	41	22	3	11			
19	30.24	0.00	34	21	59	22	0	0	29.83	0.13	44	42	96	16	0	1	30.03	0.00	44	28	53	22	3	7			
22	30.21	0.00	29	22	74	22	0	0	29.71	0.00	44	43	96	06	0	0	30.05	0.00	39	28	67	24	2	4			
NOV 28									NOV 29									NOV 30									
01	30.15	0.00	41	26	55	30	2	14	30.22	0.00	38	26	61	22	1	3	30.08	0.00	36	17	46	22	3	6			
04	30.26	0.00	34	16	47	30	4	14	30.16	0.00	37	27	66	25	0	3	30.12	0.00	34	17	49	24	1	4			
07	30.33	0.00	33	19	56	26	3	8	30.07	0.00	36	29	77	24	0	2	30.19	0.00	32	20	62	35	1	7			
10	30.41	0.00	38	22	52	01	3	7	30.00	0.00	41	34	77	22	1	5	30.23	0.00	34	16	47	34	1	9			
13	30.37	0.00	41	22	45	33	2	9	29.91	0.00	43	37	80	22	1	4	30.16	0.00	41	17	38	21	1	4			
16	30.37	0.00	41	22	45	08	0	0	29.89	0.00	47	36	65	22	1	3	30.13	0.00	40	19	43	23	3	6			
19	30.34	0.00	36	25	65	08	0	0	29.94	0.00	37	31	79	24	0	0	30.14	0.00	31	19	60	13	1	2			
22	30.31	0.00	39	25	59	23	2	4	30.02	0.00	39	23	53	32	2	4	30.13	0.00	26	19	73	13	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

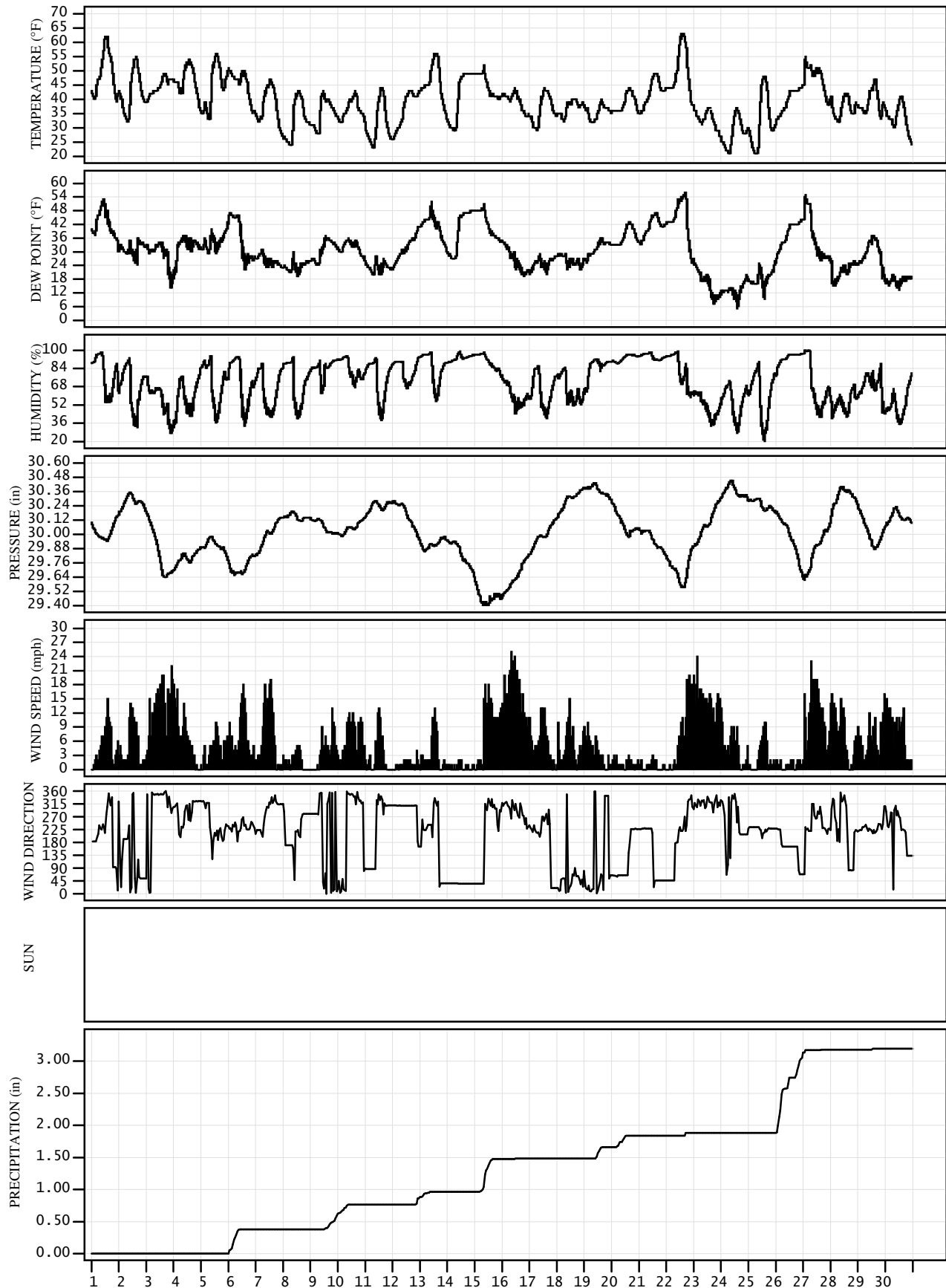
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		30.018	37	30	77	0.5	27	0.2
04		30.014	36	31	81	0.9	30	0.5
07		30.035	36	31	83	0.7	27	0.4
10		30.050	41	33	75	2.1	32	1.4
13		30.002	46	32	61	1.8	28	1.1
16		29.992	46	31	59	0.9	29	0.5
19		30.022	40	31	70	0.5	27	0.2
22		30.030	37	29	74	0.9	31	0.5

HOURLY PRECIPITATION (Water Equivalent)
November 2007: Oakland, NJ

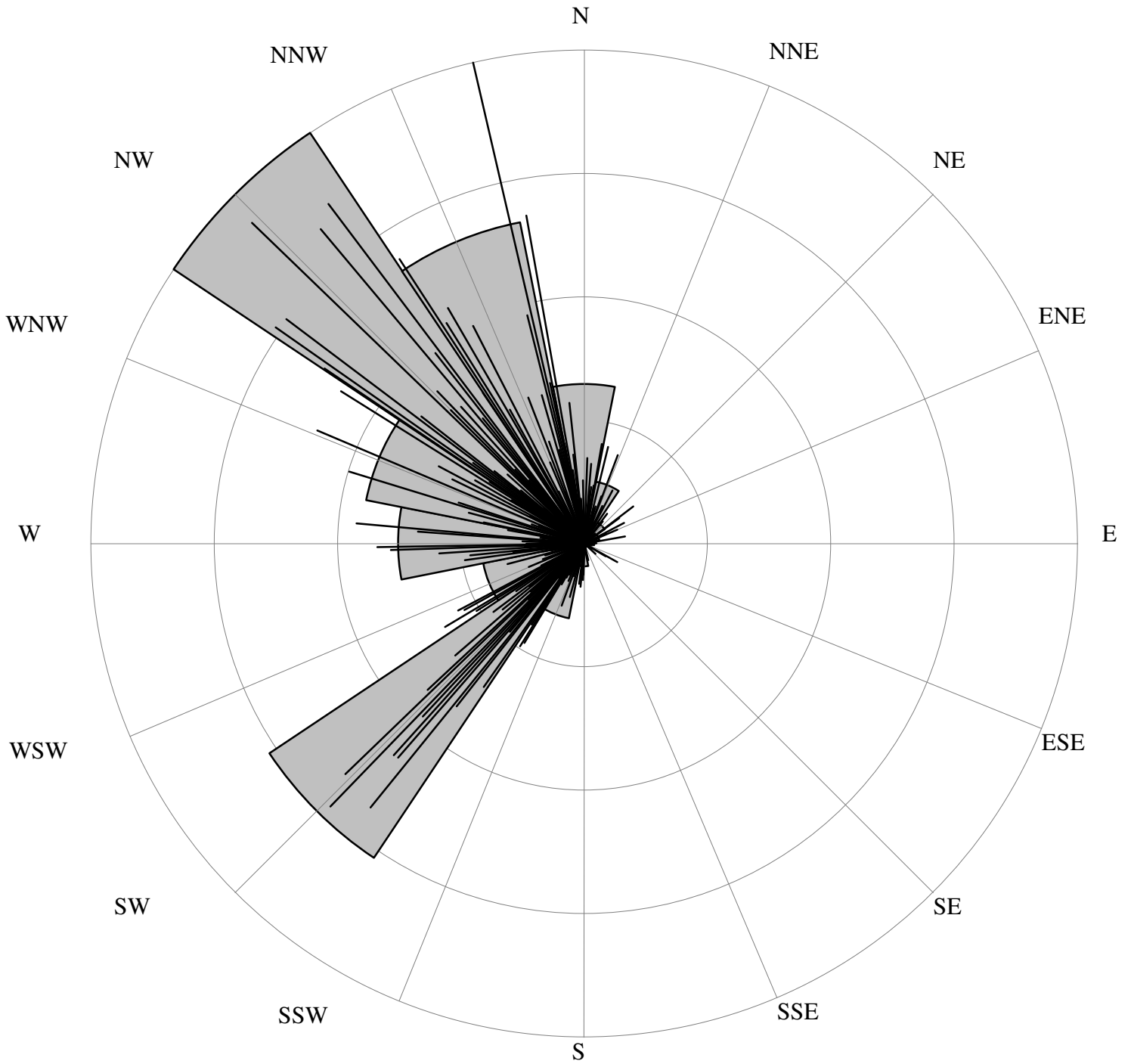
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02																									02
03																									03
04																									04
05																									05
06	0.05	0.01	0.02	0.06	0.08	0.03	0.04	0.06	0.02	0.01															06
07																									07
08																									08
09													0.01	0.01		0.03	0.03	0.02	0.01	0.01	0.01	0.04	0.04	0.03	09
10	0.01	0.01	0.01	0.02	0.01	0.03	0.01	0.03	0.01																10
11																									11
12																				0.02	0.08		0.02		12
13		0.01	0.02	0.02	0.01		0.01		0.01																13
14																									14
15					0.01	0.01	0.02	0.04	0.20	0.06	0.02	0.05	0.04	0.04	0.01	0.01									15
16												0.01													16
17																									17
18																									18
19																									19
20					0.01	0.01	0.05	0.01		0.03	0.03	0.05	0.04	0.03	0.02	0.01									20
21																									21
22																0.04									22
23																									23
24																									24
25																									25
26	0.01	0.10	0.14	0.10	0.25	0.07	0.01	0.01		0.01	0.07	0.09					0.05	0.07	0.08	0.07	0.02	0.02	0.08	26	
27		0.04														0.01									27
28																									28
29													0.01												29
30																									30
Sum	0.07	0.17	0.19	0.20	0.37	0.15	0.14	0.15	0.24	0.11	0.14	0.24	0.11	0.08	0.03	0.06	0.07	0.07	0.08	0.09	0.10	0.14	0.06	0.13	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
November 2007: Oakland, NJ



Wind Rose: November 2007
Oakland, NJ



Maximum direction of wind: 20.3 miles from 347°
Maximum sector of wind: 182.5 miles from NW
775.1 total miles of wind