

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

December 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 Speed	Res Speed	Res Dir	Peak			Minute		Mean Index
1	2	3	4A	4B	5	6	7	8			11	12	13	14	15	16	17	18	19	20	21	22	23
1	33.2	22.4	27.8	28.5	9	45	37	0	.....	0	0.00	0.0	30.55	30.09	30.359	2.9	2.7	330	23	NW	10	340
2	30.3	18.6	24.4	22.9	14	71	40	0	.....6	0	0.13	2.5	30.52	29.76	30.279	0.6	0.5	10	7	NNW	4	344
3	44.5	30.3	37.4	35.9	26	71	27	0	.....6	0	0.43	T	29.76	29.43	29.513	3.5	3.3	248	30	N	13	228
4	32.2	26.3	29.3	29.2	13	51	36	0	.....	0	0.00	T	29.68	29.48	29.550	4.4	4.0	274	28	NNW	12	302
5	32.1	20.0	26.0	26.2	18	70	39	0	.....	0	0.00	0.1	29.88	29.67	29.733	0.9	0.5	251	15	SW	6	230
6	32.1	16.7	24.4	23.2	11	61	40	0	.....	0	0.00	0.0	30.35	29.88	30.164	1.5	1.1	318	17	NNW	9	326
7	30.1	15.2*	22.7*	23.7	19	81	42	0	.....	0	0.00	0.8	30.36	30.19	30.270	0.3	0.3	227	6	SW	4	228
8	42.1	24.7	33.4	31.2	26	81	31	0	.....	0	0.03	0.0	30.38	30.16	30.223	0.5	0.4	260	11	WNW	5	232
9	35.2	24.2	29.7	31.2	26	81	35	0	.....	0	0.25	0.0	30.45	30.21	30.357	0.1	0.0	320	5	WNW	2	128
10	38.8	32.4	35.6	35.3	33	90	29	0	.....	0	0.05	0.0	30.31	30.13	30.193	0.2	0.2	357	6	N	4	353
11	40.2	29.5	34.9	35.3	32	86	30	0	.....	0	0.03	0.0	30.38	29.90	30.227	0.6	0.5	232	7	WSW	4	230
12	48.3	29.0	38.6	41.1	34	76	26	0	.....	0	0.01	0.0	30.24	29.76	29.977	2.3	1.7	313	22	W	11	289
13	32.1	27.6	29.8	29.0	24	81	35	0	...4	0	0.00	4.0	30.27	29.93	30.120	0.9	0.8	27	10	E	6	345	
14	43.5	28.1	35.8	34.3	26	74	29	0	.....	0	0.25	0.0	30.25	29.98	30.080	1.8	1.4	270	17	N	9	340
15	32.8	24.8	28.8	27.6	9	47	36	0	.....	0	0.00	0.0	30.46	30.16	30.347	2.3	2.1	14	14	NNW	7	358
16	33.4	21.4	27.4	28.1	25	87	38	0	...4	0	0.00	2.0	30.16	29.02	29.467	3.3	1.5	343	24	WNW	14	224	
17	31.0	22.4	26.7	26.9	12	54	38	0	.....	0	0.01	0.0	30.13	29.32	29.801	4.8	4.3	273	28	WNW	15	246
18	36.5	20.5	28.5	28.4	18	65	36	0	.....	0	0.06	0.0	30.30	30.13	30.242	1.4	1.4	224	10	SW	6	217
19	40.5	23.5	32.0	30.9	24	78	32	0	.....	0	0.17	0.0	30.25	30.02	30.137	0.2	0.1	228	6	W	4	240
20	41.2	31.3	36.3	35.4	28	76	29	0	.....	0	0.23	0.0	30.23	30.01	30.103	1.3	1.2	334	17	WNW	9	351
21	36.9	30.3	33.6	33.8	28	79	31	0	.....	0	0.14	0.0	30.46	30.22	30.355	1.6	1.6	47	14	ENE	8	45
22	36.3	31.5	33.9	33.8	28	80	31	0	.....	0	0.13	0.0	30.52	30.37	30.467	0.9	0.8	21	7	NNE	4	76
23	56.3*	34.7	45.5*	43.4	42	96	19	0	.....	0	2.17	0.0	30.37	29.60	30.012	1.9	1.0	230	23	W	11	179
24	43.8	32.1	37.9	37.6	21	52	27	0	.....	0	0.00	0.0	30.03	29.72	29.885	3.2	3.1	236	23	SW	11	237
25	40.3	26.3	33.3	33.2	25	71	32	0	.....	0	0.00	0.0	30.25	30.03	30.174	1.1	0.9	294	12	W	7	338
26	36.6	23.2	29.9	30.3	26	85	35	0	.....	0	0.53	0.0	30.24	29.93	30.127	0.7	0.6	17	11	E	5	16
27	37.2	33.4	35.3	35.4	34	93	30	0	.....	0	0.05	0.0	30.09	29.92	29.978	1.2	0.5	315	14	NNW	7	352
28	46.1	29.4	37.7	37.7	32	82	27	0	.....	0	0.04	0.0	30.30	30.09	30.219	0.5	0.3	267	10	NNW	3	233
29	50.1	31.5	40.8	41.5	35	79	24	0	.....	0	0.56	0.0	30.09	29.85	29.931	1.2	0.9	253	14	NNW	6	240
30	38.9	25.7	32.3	32.2	27	81	32	0	.....	0	0.17	T	30.16	29.77	30.045	0.4	0.3	37	7	N	3	9
31	41.9	25.8	33.9	34.4	29	80	31	0	.....	0	0.26	T	30.09	29.72	29.899	1.6	1.2	256	19	WSW	9	245
Sum	Sum	-----	-----	---	----		Ttl	Ttl	For the month:													---	
1195	813						1004	0	Number of Days		5.70	9.4	30.55	29.02	30.072	1.6	0.8	291	30	N	15	246	
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl		Date	Date	-----	----	----	----	Date	Date	Avg			
38.5	26.2	32.4	32.2	24	74.4	----	----	≥.01 inch		21	46.64	10.4	1	16	-----	----	----	----	3	17			
Number of Days							Season to Date		Snow, Ice ≥1.0 inch	3	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date							
Max Temperature			Min Temperature			2073	741	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	2.18	22-23	4.0	13	0					-						
0	7	29	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

December 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																																																																																																																																																																																								
DEC 01												DEC 02												DEC 03																																																																																																																																																																																																							
01		30.10	0.00	25	20	81	13	0	2		30.50	0.00	22	1	40	04	0	5		29.67	0.00	32	30	93	05	0	2	04		30.17	0.00	33	18	54	22	3	18		30.46	0.00	22	1	39	34	1	5		29.52	0.00	32	31	94	05	0	0	07		30.29	0.00	29	10	45	31	3	12		30.46	0.00	19	12	75	10	0	3		29.45	0.00	32	31	94	05	0	1	10		30.38	0.00	30	7	37	30	6	19		30.41	0.00	21	15	77	36	0	3		29.48	0.00	42	38	88	21	3	10	13		30.38	0.00	33	10	38	35	5	13		30.29	0.00	23	16	75	17	0	2		29.43	0.00	44	28	55	22	9	21	16		30.44	0.00	29	6	37	28	2	9		30.19	0.00	23	17	78	35	0	3		29.49	0.00	40	19	42	25	6	14	19		30.51	0.00	26	3	36	00	2	6		30.06	0.00	24	19	83	01	1	4		29.53	0.00	36	20	51	31	4	18	22		30.54	0.00	25	1	35	00	1	4		29.90	0.00	27	24	89	01	1	2		29.54	0.00	32	18	56	30	6	19
DEC 04												DEC 05												DEC 06																																																																																																																																																																																																							
01		29.52	0.00	31	12	46	22	5	14		29.68	0.00	26	13	58	27	2	15		29.91	0.00	22	12	65	29	0	17	04		29.49	0.00	30	14	51	26	3	10		29.71	0.00	23	13	67	20	1	3		30.01	0.00	19	10	67	30	3	10	07		29.49	0.00	29	14	53	23	5	21		29.72	0.00	20	14	76	20	0	0		30.11	0.00	18	9	68	22	0	4	10		29.52	0.00	28	17	65	30	7	12		29.73	0.00	28	16	58	20	0	2		30.20	0.00	24	12	59	23	2	4	13		29.51	0.00	32	10	40	30	11	18		29.69	0.00	31	17	54	21	2	6		30.21	0.00	31	13	46	30	2	9	16		29.56	0.00	31	9	40	25	6	17		29.70	0.00	29	24	79	21	0	1		30.21	0.00	32	10	40	18	1	2	19		29.63	0.00	28	13	53	27	5	18		29.75	0.00	28	23	82	34	1	6		30.27	0.00	24	13	62	18	0	0	22		29.67	0.00	27	13	56	30	5	13		29.83	0.00	27	20	75	35	1	6		30.33	0.00	19	11	72	18	0	0
DEC 07												DEC 08												DEC 09																																																																																																																																																																																																							
01		30.34	0.00	16	11	79	18	0	0		30.18	0.00	26	23	88	26	0	0		30.38	0.00	24	21	88	29	0	1	04		30.34	0.00	16	12	84	18	0	0		30.18	0.00	26	24	89	26	0	0		30.39	0.00	28	26	92	20	0	0	07		30.34	0.00	17	14	86	18	0	0		30.17	0.00	28	25	91	26	0	1		30.42	0.00	30	27	89	26	0	0	10		30.32	0.00	24	20	83	18	1	2		30.21	0.00	32	30	93	22	0	3		30.45	0.00	32	25	76	35	0	3	13		30.22	0.00	29	18	62	23	3	4		30.18	0.00	42	31	67	32	3	7		30.39	0.00	35	21	57	32	0	2	16		30.21	0.00	29	24	83	22	0	1		30.21	0.00	41	28	60	28	1	7		30.33	0.00	34	23	63	32	0	1	19		30.21	0.00	29	26	88	26	0	1		30.28	0.00	30	24	76	30	0	1		30.33	0.15	33	29	87	16	0	0	22		30.20	0.00	28	24	86	26	0	0		30.35	0.00	26	22	86	29	0	2		30.25	0.00	32	29	89	13	0	0
DEC 10												DEC 11												DEC 12																																																																																																																																																																																																							
01		30.18	0.04	33	30	91	13	0	0		30.30	0.00	34	32	90	33	0	2		29.85	0.00	43	42	97	22	3	6	04		30.14	0.00	33	31	92	13	0	1		30.33	0.00	34	31	90	01	0	1		29.77	0.00	46	45	99	21	1	4	07		30.16	0.00	34	32	93	19	0	1		30.36	0.00	32	28	86	02	0	0		29.82	0.00	48	48	100	22	0	3	10		30.19	0.00	36	35	95	32	0	4		30.33	0.00	34	27	78	12	0	2		29.92	0.00	45	39	82	32	2	5	13		30.16	0.00	38	34	84	35	3	6		30.27	0.00	38	29	70	22	0	4		29.97	0.00	43	32	65	30	6	14	16		30.19	0.00	37	34	87	04	0	1		30.17	0.00	37	33	85	21	0	2		30.06	0.00	39	26	58	25	2	13	19		30.25	0.00	36	33	88	04	0	0		30.12	0.00	37	34	92	23	0	4		30.15	0.00	36	21	54	31	5	14	22		30.28	0.00	36	33	89	33	0	0		29.99	0.00	38	36	94	23	0	2		30.22	0.00	32	19	58	35	1	4
DEC 13												DEC 14												DEC 15																																																																																																																																																																																																							
01		30.24	0.00	28	21	75	07	0	2		30.00	0.00	28	26	91	01	0	1		30.27	0.00	32	18	56	00	3	10	04		30.27	0.00	29	23	79	02	1	2		30.00	0.00	29	27	92	26	0	1		30.33	0.00	29	17	60	01	2	8	07		30.27	0.00	30	22	71	05	1	2		30.05	0.00	28	26	92	26	0	2		30.39	0.00	26	15	63	32	0	2	10		30.19	0.00	32	20	62	04	2	10		30.07	0.00	32	31	96	21	3	6		30.45	0.00	26	4	39	03	3	7	13		30.08	0.00	29	25	85	02	1	4		30.05	0.06	44	27	51	33	4	12		30.41	0.00	29	-2	26	05	3	6	16		30.01	0.00	28	25	88	02	2	8		30.09	0.00	40	26	58	23	2	5		30.38	0.00	28	4	35	01	4	6	19		29.98	0.00	28	26	91	06	0	3		30.15	0.00	37	25	60	28	2	9		30.35	0.00	26	7	45	34	1	4	22		29.99	0.00	28	26	90	01	0	4		30.20	0.00	36	20	54	00	3	16		30.23	0.00	26	10	50	07	4	11
DEC 16												DEC 17												DEC 18																																																																																																																																																																																																							
01		30.11	0.00	25	17	71	01	4	11		29.38	0.00	27	19	70	26	4	16		30.15	0.00	24	14	66	25	0	1	04		29.92	0.00	21	18	85	03	3	7		29.54	0.00	22	10	58	22	3	16		30.20	0.00	25	15	66	35	2	3	07		29.70	0.00	23	20	90	01	2	6		29.65	0.00	23	11	60	29	4	19		30.26	0.00	25	16	70	22	2	4	10		29.47	0.00	28	26	92	01	5	12		29.78	0.00	26	12	55	23	11	23		30.30	0.00	28	18	66	21	1	5	13		29.17	0.00	30	28	92	30	2	7		29.87	0.00	31	10	42	33	5	20		30.24	0.00	36	20	51	21	3	7	16		29.12	0.00	32	31	95	23	4	10		29.96	0.00	30	10	43	24	4	12		30.24	0.00	36	20	52	22	2	4	19		29.15	0.00	32	30	95	22	0	0		30.04	0.00	28	14	55	27	3	7		30.26	0.00	31	20	64	22	2	3	22		29.22	0.00	32	24	74	21	4	17		30.10	0.00	27	15	59	16	2	13		30.26	0.00	27	20	75	22	0	0

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.18	0.28	0.31	0.33	0.38	0.48	0.56	0.70	0.75	0.83	0.96	1.05
Ended: Date	23	23	23	23	23	23	23	23	23	23	23	23
Ended: Time	1949	1953	1955	1953	1953	1953	1953	1955	1955	1953	1955	1955

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

December 2007: Oakland, NJ

Hour	DEC 19									DEC 20									DEC 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	25	20	80	22	0	0	30.02	0.00	31	29	90	23	0	0	30.24	0.00	31	27	84	08	0	1			
04	30.23	0.00	24	19	83	22	0	0	30.03	0.00	33	31	91	28	1	4	30.27	0.00	31	28	88	07	0	2			
07	30.21	0.00	24	21	86	22	0	0	30.07	0.00	34	29	82	26	1	3	30.32	0.00	33	30	88	02	0	4			
10	30.19	0.00	31	24	74	05	1	3	30.10	0.00	38	29	71	34	3	13	30.37	0.00	35	29	79	02	5	9			
13	30.10	0.00	37	24	59	24	0	2	30.07	0.06	41	27	58	32	4	17	30.37	0.00	36	28	72	06	2	7			
16	30.04	0.00	39	27	62	20	0	0	30.13	0.00	39	26	60	34	1	3	30.37	0.00	37	28	71	00	2	8			
19	30.06	0.00	34	29	83	23	0	0	30.19	0.00	34	27	76	32	0	3	30.42	0.00	35	27	74	04	2	6			
22	30.04	0.00	32	29	87	23	0	0	30.20	0.00	34	28	78	08	0	0	30.45	0.00	33	26	74	06	2	6			
DEC 22									DEC 23									DEC 24									
01	30.46	0.00	32	26	77	01	1	3	30.36	0.00	35	32	89	34	0	3	29.75	0.00	42	24	50	21	2	20			
04	30.48	0.00	32	26	77	34	2	7	30.31	0.00	37	35	93	04	2	3	29.80	0.00	36	19	50	21	3	5			
07	30.50	0.00	32	26	80	02	1	2	30.25	0.06	37	36	94	03	1	3	29.84	0.00	34	20	56	19	2	5			
10	30.52	0.00	34	28	79	35	2	4	30.15	0.13	40	39	96	06	1	3	29.88	0.00	38	19	47	21	4	10			
13	30.47	0.00	36	29	77	04	1	5	29.98	0.06	41	40	97	35	2	4	29.86	0.00	42	19	39	22	9	20			
16	30.47	0.00	36	30	78	03	0	2	29.81	0.12	51	51	100	18	4	13	29.91	0.00	41	20	42	23	3	9			
19	30.44	0.00	34	30	84	04	0	1	29.66	0.28	54	54	100	21	2	11	29.97	0.00	34	23	65	23	0	0			
22	30.41	0.00	34	31	87	05	0	1	29.65	0.00	52	52	100	25	7	23	30.02	0.00	36	25	65	20	0	3			
DEC 25									DEC 26									DEC 27									
01	30.04	0.00	34	24	68	22	1	3	30.20	0.00	25	22	86	28	0	0	29.93	0.00	34	32	93	02	0	1			
04	30.08	0.00	32	24	73	22	0	2	30.23	0.00	24	22	90	25	0	0	29.93	0.00	34	32	94	33	4	11			
07	30.15	0.00	27	23	84	22	0	1	30.22	0.00	23	21	90	25	0	2	29.97	0.00	34	31	90	34	1	3			
10	30.21	0.00	35	26	69	34	3	10	30.21	0.00	32	29	88	15	0	1	29.99	0.00	36	33	91	04	0	1			
13	30.18	0.00	39	26	58	24	3	7	30.10	0.00	36	27	69	08	0	3	29.95	0.00	36	35	95	09	0	1			
16	30.23	0.00	38	26	62	27	2	10	30.05	0.00	35	28	76	04	0	2	29.97	0.00	37	35	94	09	0	2			
19	30.24	0.00	36	26	67	28	0	2	30.05	0.08	33	31	89	34	1	4	30.02	0.00	37	35	95	21	2	4			
22	30.24	0.00	29	24	80	28	0	0	29.98	0.08	33	31	92	01	2	5	30.05	0.00	37	36	96	22	1	3			
DEC 28									DEC 29									DEC 30									
01	30.11	0.00	37	36	96	22	2	2	30.03	0.00	38	35	91	34	0	2	30.05	0.00	29	25	84	22	1	2			
04	30.18	0.00	36	35	96	22	0	1	29.91	0.18	40	38	95	04	0	2	30.07	0.00	27	25	90	22	0	1			
07	30.25	0.00	30	28	94	22	0	0	29.87	0.00	40	39	96	07	0	2	30.13	0.00	26	24	91	22	0	1			
10	30.28	0.00	34	33	97	14	0	2	29.91	0.00	44	43	98	08	0	2	30.16	0.00	31	29	93	18	0	1			
13	30.25	0.00	46	31	56	01	0	3	29.87	0.00	50	35	58	26	4	11	30.09	0.00	39	26	60	06	1	3			
16	30.23	0.00	44	32	64	26	0	0	29.89	0.00	48	33	55	25	3	5	30.05	0.00	38	26	62	06	0	2			
19	30.25	0.00	38	32	81	23	0	2	29.97	0.00	38	32	78	23	2	3	29.99	0.00	34	29	80	00	0	2			
22	30.20	0.05	39	34	81	08	0	2	30.02	0.00	39	28	66	22	0	3	29.85	0.00	33	30	89	02	0	2			
DEC 31																											
01	29.73	0.09	33	31	92	02	2	6																			
04	29.74	0.00	33	31	93	08	0	1																			
07	29.77	0.00	33	32	95	24	1	3																			
10	29.86	0.00	35	34	96	23	2	9																			
13	29.89	0.00	42	29	61	22	5	16																			
16	29.99	0.00	41	26	55	26	4	12																			
19	30.08	0.00	33	26	77	22	1	2																			
22	30.08	0.00	28	23	84	22	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

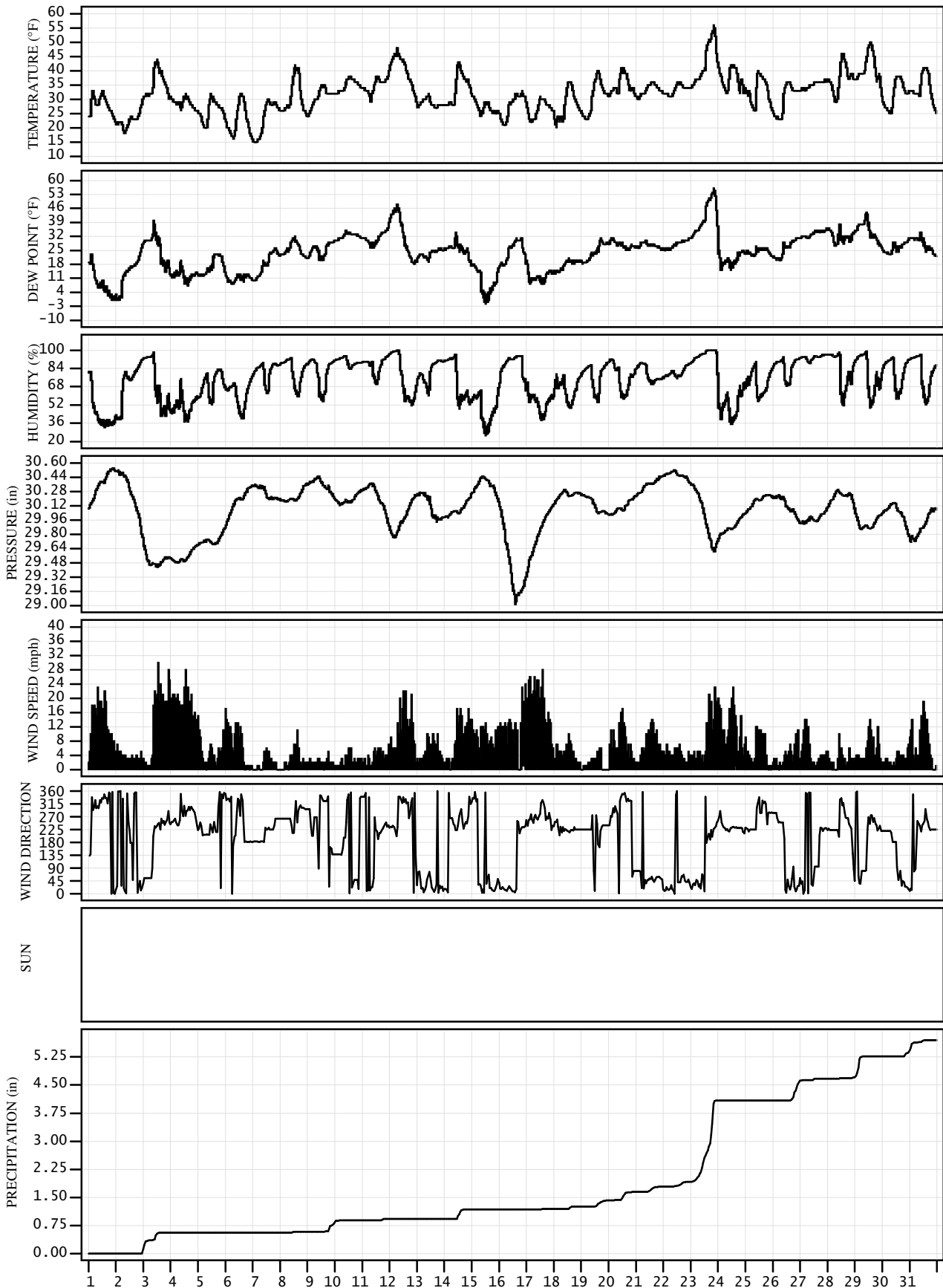
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		30.061	30	23	78	1.0	27	0.4
04		30.066	29	24	80	1.1	30	0.5
07		30.086	29	24	82	0.8	28	0.4
10		30.105	32	25	77	2.2	30	0.9
13		30.055	37	24	62	3.0	29	1.6
16		30.055	36	24	65	1.8	26	1.2
19		30.076	33	25	75	1.2	30	0.7
22		30.073	32	25	76	1.4	30	0.5

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

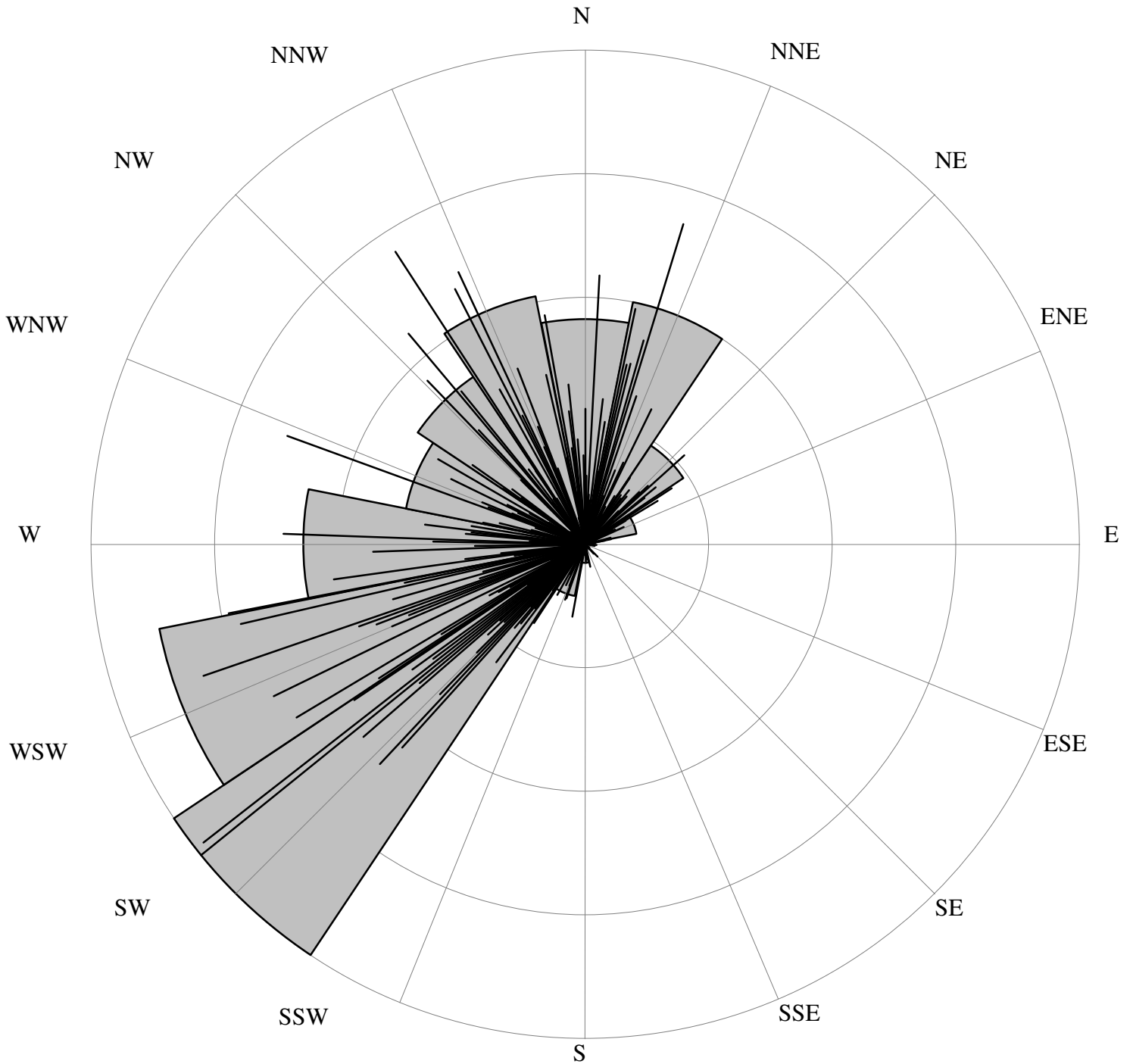
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date	
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12		
01																								01		
02																									02	
03	0.10	0.10		0.01	0.01				0.02	0.01	0.10	0.05	0.02	0.01										0.13	03	
04																									04	
05																									05	
06																									06	
07																									07	
08											0.01	0.02													08	
09																									09	
10	0.04			0.01												0.01			0.06	0.07	0.02	0.01	0.04	0.04	10	
11																		0.02	0.01						11	
12													0.01												12	
13																									13	
14												0.07	0.05	0.06	0.04	0.02	0.01								14	
15																									15	
16																									16	
17															0.01										17	
18													0.01	0.02	0.02	0.01									18	
19													0.01	0.02	0.04	0.02	0.02	0.02	0.01	0.01			0.01		19	
20						0.01					0.01	0.01	0.06	0.05	0.03	0.01	0.01	0.02	0.01	0.01	0.01				20	
21											0.01	0.02	0.02	0.03	0.02	0.02	0.01				0.01				21	
22										0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.02	0.01		0.01	0.01			0.01	22	
23		0.01	0.01	0.01	0.04	0.04	0.04	0.06	0.04	0.12	0.13	0.14	0.06	0.06	0.07	0.10	0.10	0.23	0.29	0.53	0.07	0.02			23	
24																									24	
25																									25	
26															0.01	0.03	0.05	0.12	0.05	0.09	0.08	0.07	0.03		26	
27		0.01								0.01		0.02	0.01												27	
28																									28	
29	0.04	0.08	0.13	0.23	0.05	0.02	0.01				0.01											0.02	0.01		29	
30																					0.03	0.05	0.01	0.01	0.07	30
31	0.06	0.10	0.03	0.01				0.01			0.02	0.02	0.01												31	
Sum	0.24	0.30	0.17	0.27	0.10	0.07	0.05	0.07	0.06	0.15	0.29	0.40	0.27	0.27	0.23	0.23	0.20	0.33	0.49	0.71	0.24	0.15	0.13	0.28	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
December 2007: Oakland, NJ



Wind Rose: December 2007
Oakland, NJ



Maximum direction of wind: 26.0 miles from 231°
Maximum sector of wind: 222.2 miles from SW
1159.4 total miles of wind