

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

August 2007

Station: Oakland, NJ

Latitude: 41° 02' 26" N Longitude: 74° 13' 58" W Elevation (Ground): 272 feet Time Zone: Eastern

Date	Temperature					Humidity Mean	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 Mean Index	
	Maximum	Minimum	Average	Mean	Dew Point		Heating Base 65°F	Cooling Base 65°F			Water Equivalent	Ice Pellets Snow	Maximum	Minimum	Mean	Avg Speed	Res Speed	Res Dir	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	87.0	62.3	74.6	74.0	66	78	0	10	.....	0	0.00	0.0	29.93	29.87	29.902	0.4	0.4	344	10	NNE	5	338
2	90.3*	64.7	77.5	76.5	68	79	0	13	.....	0	0.00	0.0	29.99	29.92	29.950	0.2	0.1	274	6	SE	3	342
3	90.3	66.4	78.4	76.8	69	80	0	13	.....	0	0.07	0.0	29.96	29.86	29.920	0.6	0.3	237	23	NW	7	354
4	86.7	62.9	74.8	74.4	64	76	0	10	.....	0	0.01	0.0	29.95	29.88	29.905	0.5	0.4	320	13	WNW	4	307
5	82.6	59.0	70.8	69.9	58	68	0	6	.....	0	0.00	0.0	30.03	29.91	29.965	0.4	0.3	337	9	NNW	4	342
6	83.2	66.8	75.0	73.8	68	84	0	10	.....	0	0.00	0.0	29.92	29.72	29.805	0.2	0.2	228	10	SSW	4	233
7	86.1	67.9	77.0	76.6	70	82	0	12	.....	0	0.00	0.0	29.87	29.79	29.827	0.1	0.1	283	5	N	2	199
8	89.9	71.8	80.9*	79.0	73	85	0	16	.....	0	1.62	0.0	29.79	29.61	29.681	0.6	0.6	235	12	NNW	5	251
9	84.0	64.0	74.0	72.3	65	78	0	9	.....	0	0.00	0.0	29.89	29.74	29.845	0.4	0.1	233	12	W	4	219
10	70.8	55.0	62.9	61.3	60	97	2	0	.....	0	0.86	0.0	29.90	29.77	29.828	0.8	0.7	8	13	WNW	5	13
11	79.6	53.2*	66.4	65.6	59	82	0	2	.....	0	0.01	0.0	30.00	29.89	29.944	0.6	0.6	353	11	N	4	351
12	84.7	61.0	72.9	71.7	65	81	0	8	.....	0	0.00	0.0	30.03	29.87	29.968	0.2	0.2	257	5	W	2	224
13	83.4	66.0	74.7	74.3	63	70	0	10	.....	0	0.00	0.0	29.87	29.76	29.819	1.1	1.1	315	13	WSW	6	341
14	78.3	55.1	66.7	66.6	55	69	0	2	.....	0	0.00	0.0	29.93	29.86	29.891	0.4	0.3	321	10	WNW	3	254
15	82.2	54.2	68.2	68.4	61	79	0	3	.....	0	0.00	0.0	29.91	29.83	29.869	0.5	0.5	235	10	NW	4	225
16	83.6	66.1	74.8	73.2	67	83	0	10	.....	0	0.00	0.0	29.92	29.77	29.861	0.2	0.2	219	6	S	3	233
17	78.6	59.0	68.8	70.6	63	80	0	4	.....	0	0.14	0.0	29.87	29.75	29.812	0.3	0.2	313	18	NW	8	349
18	72.7	54.4	63.6	61.7	51	71	1	0	.....	0	0.00	0.0	30.16	29.83	30.040	1.8	1.7	316	24	NNW	10	329
19	67.3	54.8	61.1	60.8	56	84	4	0	.....	0	0.01	0.0	30.17	30.06	30.118	0.0	0.0	256	3	W	2	231
20	66.4	58.4	62.4	61.6	59	90	3	0	.....	0	0.08	0.0	30.17	30.05	30.104	0.3	0.2	24	9	NW	4	342
21	58.6	54.5	56.6*	56.4	56	99	8	0	.....	0	0.80	0.0	30.18	30.13	30.153	0.4	0.4	37	11	S	4	342
22	63.1	54.4	58.8	59.2	58	95	6	0	.....	0	0.01	0.0	30.18	30.11	30.145	0.2	0.2	38	5	NNW	2	83
23	71.8	59.9	65.9	64.7	62	92	0	1	.....	0	0.00	0.0	30.17	30.05	30.112	0.1	0.1	157	4	ENE	2	162
24	82.0	65.6	73.8	72.7	69	89	0	9	.....	0	0.01	0.0	30.06	29.88	29.959	0.4	0.4	231	9	SW	3	224
25	88.0	69.8	78.9	78.2	73	87	0	14	.....	0	0.00	0.0	29.89	29.74	29.818	0.5	0.5	233	20	SW	7	302
26	80.1	64.0	72.0	73.2	66	79	0	7	.....	0	0.01	0.0	30.02	29.76	29.889	0.5	0.3	297	16	WNW	7	273
27	81.8	60.5	71.2	69.5	64	83	0	7	.....	0	0.00	0.0	30.12	30.02	30.075	0.3	0.3	355	6	NNW	3	347
28	80.1	61.2	70.6	68.9	64	85	0	6	.....	0	0.00	0.0	30.15	30.07	30.112	0.1	0.0	195	7	SE	4	185
29	83.0	57.2	70.1	68.8	63	83	0	5	.....	0	0.00	0.0	30.12	29.98	30.058	0.2	0.2	208	9	SE	3	137
30	84.7	59.9	72.3	71.2	65	82	0	8	.....	0	0.00	0.0	30.01	29.86	29.928	0.2	0.2	218	7	S	3	178
31	76.3	62.1	69.2	68.9	64	86	0	4	.....	0	0.01	0.0	29.98	29.88	29.917	0.6	0.5	352	10	NNE	4	337
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days				For the month:										---	
2477	1892					24	199			3.64	0.0	30.18	29.61	29.943	0.4	0.2	304	24	NNW	10	329		
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg			
79.9	61.0	70.5	69.7	63	82.5	----	----	≥.01 inch		13	30.53	0.0	22	8	-----	----	----	---	18	18			
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			34	619	Thunder		0	Precipitation		Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog		0	1.62	8	0.0		-			0							
3	0	0	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

August 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																																																																																																																																																																																																	
AUG 01									AUG 02									AUG 03																																																																																																																																																																																																													
01		29.89	0.00	65	63	93	32	0	0		29.93	0.00	68	67	95	00	0	0		29.95	0.00	70	69	96	31	0	0	04		29.87	0.00	63	62	96	32	0	0		29.94	0.00	66	65	97	00	0	0		29.93	0.00	68	67	97	31	0	0	07		29.90	0.00	63	63	98	32	0	2		29.97	0.00	65	65	98	00	0	0		29.95	0.00	67	67	100	31	0	0	10		29.93	0.00	77	66	70	32	1	4		29.98	0.00	79	70	73	00	0	1		29.93	0.00	79	70	74	23	1	4	13		29.92	0.00	85	66	54	32	2	6		29.96	0.00	88	66	48	01	0	3		29.92	0.00	88	70	56	21	2	5	16		29.89	0.00	87	64	47	32	0	4		29.93	0.00	89	69	52	21	0	4		29.88	0.00	90	67	48	24	2	6	19		29.89	0.00	81	71	73	00	0	0		29.92	0.00	83	73	71	31	0	0		29.87	0.00	83	73	73	26	0	0	22		29.92	0.00	72	69	91	00	0	0		29.95	0.00	74	71	90	31	0	0		29.94	0.00	68	66	93	03	0	1
AUG 04									AUG 05									AUG 06																																																																																																																																																																																																													
01		29.92	0.00	69	68	97	29	0	2		29.96	0.00	62	59	90	07	0	1		29.91	0.00	68	62	81	13	0	0	04		29.89	0.00	68	67	98	29	0	0		29.98	0.00	63	57	80	33	0	0		29.86	0.00	67	63	86	13	0	0	07		29.90	0.00	67	67	100	29	0	0		30.03	0.00	60	56	88	01	0	0		29.84	0.00	69	65	88	13	0	0	10		29.92	0.00	78	70	77	29	0	2		30.02	0.00	70	55	58	33	1	7		29.82	0.00	74	69	86	27	0	3	13		29.91	0.00	84	65	53	31	1	5		29.98	0.00	78	58	50	34	1	4		29.79	0.00	78	71	77	18	1	3	16		29.88	0.00	86	60	42	33	1	5		29.93	0.00	82	58	44	17	1	5		29.73	0.00	81	71	73	25	0	2	19		29.89	0.00	81	63	54	32	0	1		29.91	0.00	76	62	61	14	1	2		29.73	0.00	80	73	81	08	0	0	22		29.92	0.00	67	60	77	32	0	0		29.92	0.00	68	60	74	13	0	1		29.78	0.00	74	72	94	08	0	0
AUG 07									AUG 08									AUG 09																																																																																																																																																																																																													
01		29.80	0.00	72	71	97	08	0	0		29.78	0.00	74	70	88	23	0	0		29.74	0.00	71	66	84	33	1	2	04		29.80	0.00	70	69	98	08	0	0		29.70	0.26	73	72	97	06	0	3		29.78	0.00	66	64	95	14	0	1	07		29.83	0.00	68	68	100	08	0	0		29.68	0.00	72	71	98	00	0	0		29.86	0.00	65	64	97	14	0	0	10		29.86	0.00	80	70	71	35	1	2		29.66	0.00	77	77	98	21	0	2		29.89	0.00	74	66	75	33	2	3	13		29.86	0.00	84	70	62	29	0	2		29.63	0.00	87	75	68	23	1	6		29.88	0.00	79	66	64	15	2	4	16		29.83	0.00	82	72	72	27	0	1		29.62	0.00	90	76	65	26	0	4		29.87	0.00	78	64	63	26	2	5	19		29.83	0.00	80	74	81	27	0	0		29.64	0.00	84	78	82	24	0	0		29.84	0.00	74	63	70	16	0	5	22		29.81	0.00	76	72	88	27	0	0		29.73	0.00	76	74	93	24	0	1		29.88	0.00	70	64	81	17	0	0
AUG 10									AUG 11									AUG 12																																																																																																																																																																																																													
01		29.85	0.00	69	65	87	19	0	1		29.89	0.00	57	56	97	35	0	1		30.00	0.00	63	62	97	33	0	0	04		29.80	0.18	67	66	96	19	0	0		29.90	0.00	56	56	99	34	0	5		30.00	0.00	64	63	97	12	0	0	07		29.78	0.07	66	66	98	01	0	3		29.93	0.00	54	53	98	14	0	0		30.02	0.00	62	61	98	12	0	0	10		29.79	0.12	63	63	100	33	1	4		29.96	0.00	64	57	77	12	1	5		30.02	0.00	74	67	77	01	0	3	13		29.82	0.00	57	56	98	33	2	13		29.96	0.00	75	61	62	29	1	4		29.98	0.00	81	65	58	18	1	5	16		29.85	0.00	55	55	98	34	1	6		29.94	0.00	79	64	60	05	2	7		29.94	0.00	84	61	46	23	0	3	19		29.86	0.00	57	56	98	05	0	5		29.96	0.00	74	66	74	33	0	0		29.91	0.00	78	69	75	30	0	0	22		29.89	0.00	57	56	99	04	1	3		30.00	0.00	66	64	94	33	0	0		29.89	0.00	69	67	94	30	0	0
AUG 13									AUG 14									AUG 15																																																																																																																																																																																																													
01		29.86	0.00	66	65	97	30	0	0		29.87	0.00	66	54	67	31	0	3		29.90	0.00	57	55	94	33	0	0	04		29.82	0.00	73	64	73	28	3	10		29.86	0.00	58	52	81	19	0	2		29.88	0.00	55	54	96	33	0	0	07		29.84	0.00	69	66	91	22	0	0		29.91	0.00	56	53	89	20	0	2		29.88	0.00	55	54	98	33	0	0	10		29.84	0.00	75	65	72	35	3	6		29.92	0.00	70	56	61	34	1	3		29.87	0.00	70	60	69	15	1	2	13		29.81	0.00	80	65	60	28	2	9		29.92	0.00	76	50	40	26	2	4		29.85	0.00	79	61	54	21	2	10	16		29.77	0.00	80	64	57	33	2	5		29.88	0.00	78	55	46	26	1	4		29.84	0.00	82	67	60	24	2	6	19		29.77	0.00	79	62	56	20	1	6		29.88	0.00	70	61	73	33	0	1		29.86	0.00	77	69	75	24	0	0	22		29.85	0.00	73	55	54	32	0	6		29.89	0.00	60	58	91	33	0	0		29.89	0.00	70	67	89	00	0	1
AUG 16									AUG 17									AUG 18																																																																																																																																																																																																													
01		29.92	0.00	69	66	90	00	0	0		29.80	0.00	73	68	86	03	0	0		29.85	0.00	58	57	99	21	0	2	04		29.90	0.00	67	66	94	00	0	0		29.81	0.00	70	68	93	03	0	1		29.93	0.00	55	54	98	25	2	6	07		29.92	0.00	66	65	94	00	0	0		29.85	0.00	71	58	64	34	2	5		30.03	0.00	56	47	71	32	0	4	10		29.91	0.00	73	67	82	05	0	1		29.86	0.00	72	58	63	29	0	2		30.05	0.00	61	48	62	24	2	21	13		29.87	0.00	76	68	77	27	0	4		29.85	0.00	76	61	61	28	0	3		30.08	0.00	69	50	52	30	2	11	16		29.81	0.00	83	68	61	24	1	4		29.78	0.07	70	67	88	10	0	0		30.08	0.00	72	46	40	26	2	5	19		29.78	0.00	79	70	76	26	0	1		29.75	0.00	68	67	96	18	0	2		30.10	0.00	66	54	64	24	0	1	22		29.79	0.00	71	69	92	26	0	0		29.78	0.00	66	65	98	18	0	0		30.16	0.00	57	54	89	24	0	1

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62
Ended: Date	08	08	08	08	08	08	08	08	08	08	08	08
Ended: Time	2359	2359	2359	2359	2359	2359	2359	2359	2359	2359	2359	2359

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 August 2007: Oakland, NJ

Hour	AUG 19									AUG 20									AUG 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		30.16	0.00	56	53	88	25	0	0		30.09	0.00	61	59	93	20	0	0		30.16	0.00	58	58	98	07	0	0
04		30.14	0.00	56	53	91	24	0	1		30.05	0.00	60	57	93	18	0	1		30.14	0.05	56	55	98	04	0	2
07		30.16	0.00	57	54	91	25	0	0		30.08	0.00	60	58	93	05	0	1		30.16	0.07	55	55	100	06	1	2
10		30.16	0.00	63	55	77	29	0	0		30.12	0.00	62	58	86	03	0	2		30.16	0.05	56	56	100	05	0	2
13		30.13	0.00	65	56	71	26	0	1		30.11	0.00	64	59	83	11	0	4		30.18	0.21	57	57	100	35	0	1
16		30.07	0.00	66	59	80	26	0	1		30.11	0.00	64	58	81	04	0	2		30.15	0.00	58	58	100	07	2	5
19		30.06	0.00	62	58	87	20	0	0		30.10	0.00	62	60	94	08	0	1		30.14	0.00	56	56	99	10	2	6
22		30.09	0.00	61	58	93	20	0	0		30.16	0.00	60	59	97	35	0	2		30.15	0.00	55	55	100	00	0	2
AUG 22									AUG 23									AUG 24									
01		30.15	0.00	54	54	100	01	0	1		30.15	0.00	60	58	93	22	0	0		30.04	0.00	66	65	98	24	0	0
04		30.13	0.00	55	55	100	33	0	0		30.12	0.00	60	59	95	22	0	0		30.01	0.00	66	66	100	24	0	0
07		30.15	0.00	56	56	100	04	0	2		30.13	0.00	60	60	98	22	0	1		30.01	0.00	67	67	100	24	0	0
10		30.15	0.00	59	58	99	32	0	2		30.16	0.00	64	62	94	29	0	1		29.98	0.00	72	68	87	28	0	2
13		30.17	0.00	62	58	87	01	1	2		30.13	0.00	67	63	87	18	1	2		29.95	0.00	78	71	79	20	2	4
16		30.14	0.00	62	60	91	06	0	3		30.09	0.00	70	65	83	16	0	2		29.90	0.00	82	73	74	22	1	4
19		30.12	0.00	63	61	94	17	0	1		30.07	0.00	71	66	86	28	0	1		29.88	0.00	78	71	80	20	0	3
22		30.17	0.00	62	60	94	17	0	0		30.06	0.00	66	64	96	24	0	0		29.89	0.00	73	71	93	20	0	0
AUG 25									AUG 26									AUG 27									
01		29.87	0.00	72	71	97	20	0	0		29.78	0.00	74	67	80	19	0	1		30.03	0.00	63	63	97	23	0	0
04		29.86	0.00	71	71	100	20	0	0		29.81	0.00	74	68	81	25	0	2		30.03	0.00	61	60	98	23	0	0
07		29.85	0.00	72	72	100	21	0	0		29.81	0.00	72	67	85	35	0	5		30.08	0.00	62	61	98	23	0	0
10		29.85	0.00	76	74	94	25	0	2		29.89	0.00	75	69	80	32	0	3		30.12	0.00	71	63	76	33	0	4
13		29.81	0.00	84	76	75	23	1	5		29.92	0.00	75	65	73	10	0	5		30.09	0.00	78	66	65	34	2	6
16		29.77	0.00	87	76	70	21	1	4		29.91	0.00	78	65	65	34	2	5		30.07	0.00	82	66	59	31	0	4
19		29.74	0.00	83	77	82	26	0	0		29.94	0.00	74	64	69	33	1	5		30.07	0.00	75	67	77	31	0	0
22		29.78	0.00	78	76	95	26	0	1		30.00	0.00	66	64	91	23	0	0		30.11	0.00	66	65	94	29	0	0
AUG 28									AUG 29									AUG 30									
01		30.12	0.00	63	62	97	29	0	0		30.12	0.00	60	59	96	20	0	0		30.00	0.00	64	62	95	19	0	0
04		30.12	0.00	62	61	98	29	0	0		30.11	0.00	58	58	98	20	0	0		29.97	0.00	62	61	97	19	0	0
07		30.14	0.00	62	61	98	29	0	0		30.10	0.00	58	57	98	20	0	0		29.97	0.00	61	60	98	19	0	0
10		30.14	0.00	72	65	79	34	0	1		30.10	0.00	72	64	76	23	0	1		29.95	0.00	73	66	79	26	1	3
13		30.12	0.00	77	65	66	27	0	1		30.06	0.00	79	64	60	28	1	2		29.92	0.00	82	67	60	29	1	4
16		30.08	0.00	79	67	67	00	0	2		30.01	0.00	81	67	63	19	0	2		29.87	0.00	83	69	62	21	0	1
19		30.07	0.00	74	65	73	20	0	3		29.98	0.00	76	68	77	19	0	2		29.86	0.00	76	66	71	15	0	0
22		30.09	0.00	65	62	90	20	0	0		30.01	0.00	66	64	92	19	0	0		29.90	0.00	69	66	92	15	0	0
AUG 31																											
01		29.91	0.00	69	66	88	19	0	0																		
04		29.88	0.00	67	66	97	13	0	1																		
07		29.91	0.00	65	63	96	03	0	1																		
10		29.93	0.00	69	63	82	13	0	6																		
13		29.92	0.00	75	65	72	34	2	7																		
16		29.90	0.00	76	65	70	14	1	7																		
19		29.91	0.00	70	65	82	35	0	1																		
22		29.96	0.00	64	63	96	35	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

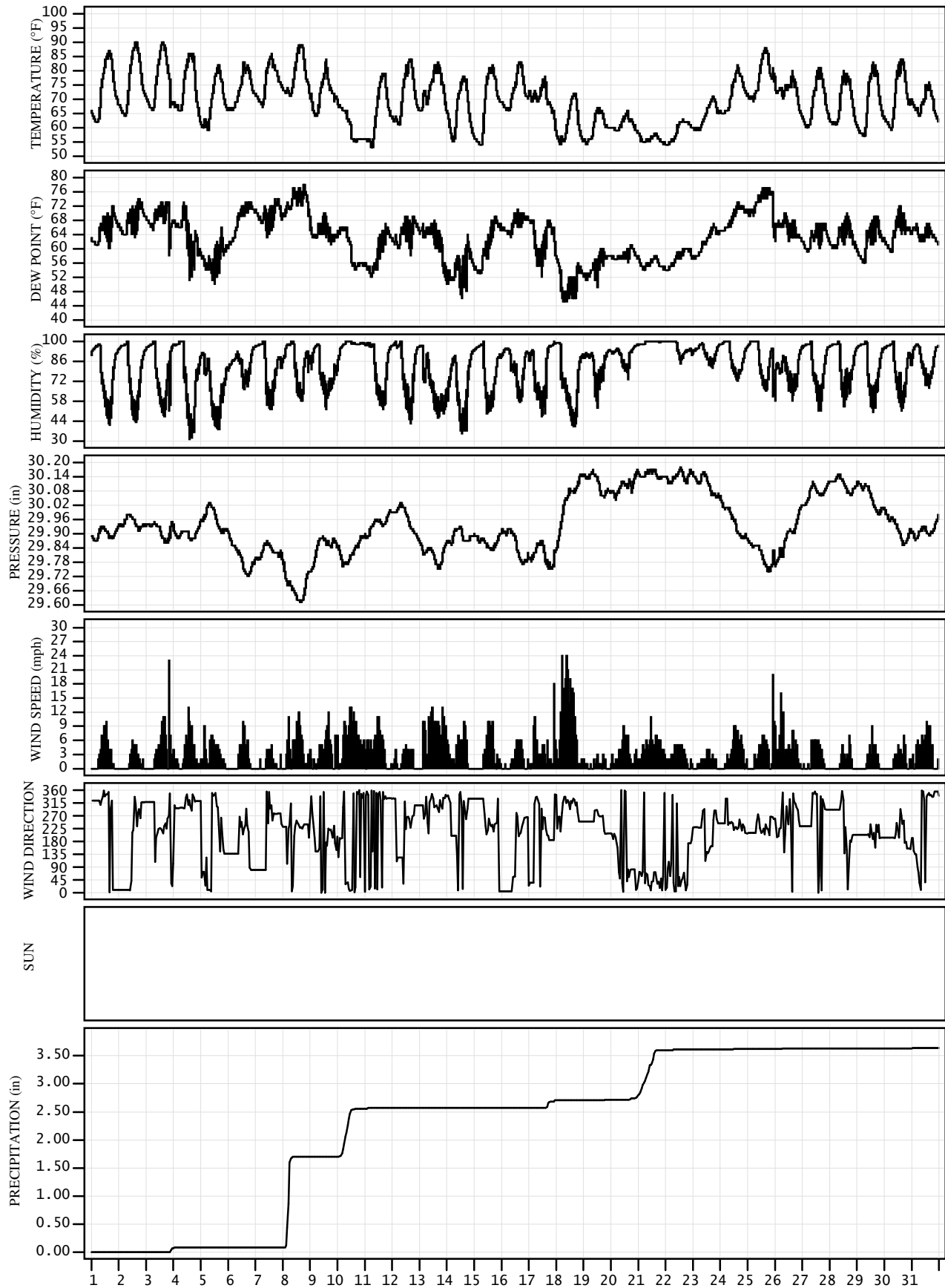
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		29.948	65	63	92	0.1	31	0.0
04		29.935	64	62	94	0.2	27	0.2
07		29.957	63	61	94	0.1	36	0.1
10		29.965	71	64	79	0.6	32	0.3
13		29.950	76	64	67	1.1	28	0.5
16		29.919	78	64	65	0.8	27	0.3
19		29.914	74	66	78	0.1	13	0.1
22		29.946	67	64	90	0.1	1	0.0

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

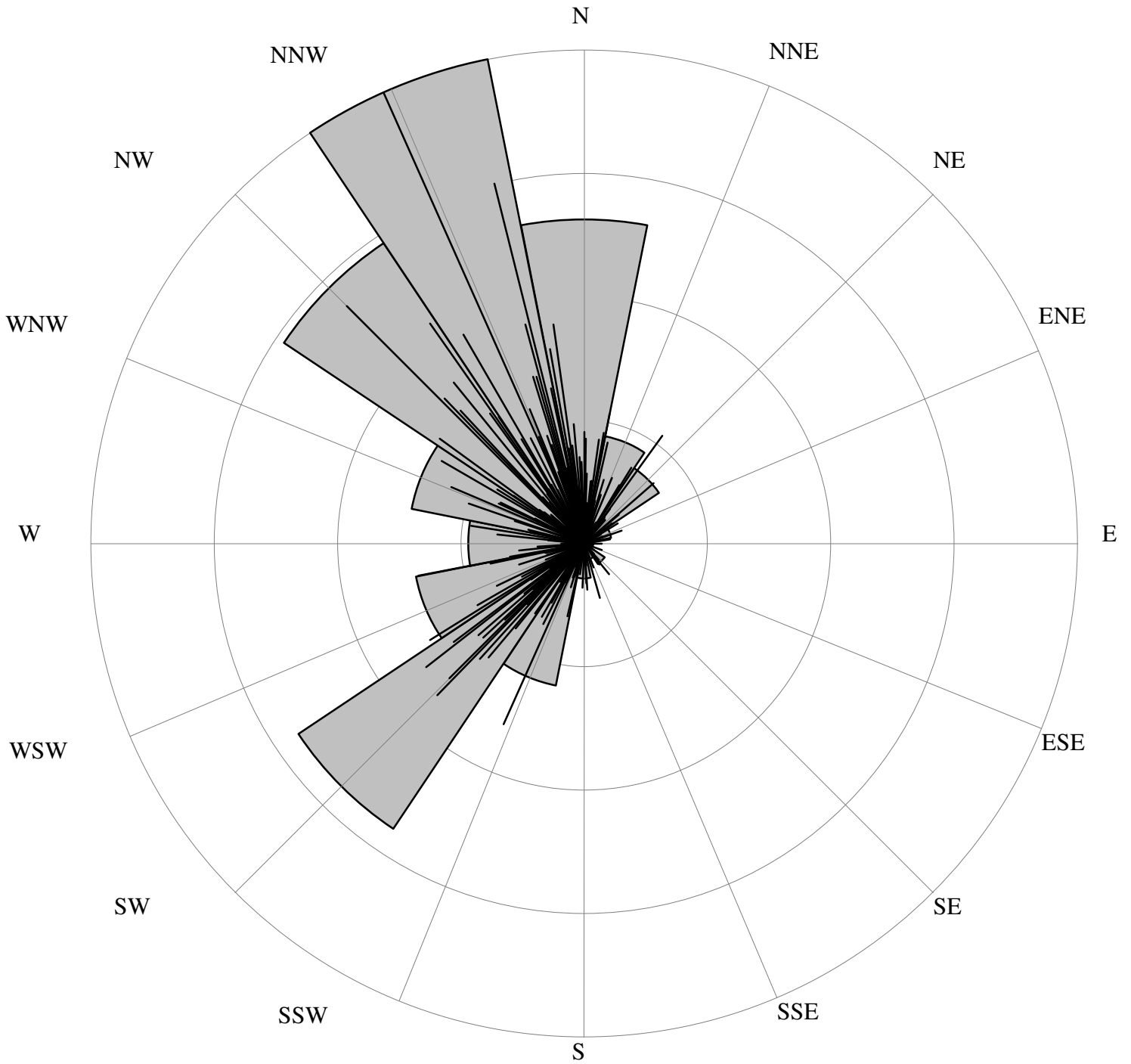
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date	
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12		
01																								01		
02																									02	
03																									03	
04	0.01																					0.04	0.03		04	
05																									05	
06																									06	
07																									07	
08			0.04	0.32	0.42	0.74	0.07	0.01	0.02																08	
09																									09	
10		0.01	0.01	0.04	0.08	0.09	0.13	0.07	0.14	0.11	0.08	0.07	0.01	0.01		0.01								10		
11			0.01																						11	
12																									12	
13																									13	
14																									14	
15																									15	
16																									16	
17																0.02	0.07	0.01	0.01						17	
18																							0.03		18	
19																			0.01						19	
20																0.01	0.01						0.01	0.02	0.03	20
21	0.02	0.03	0.07	0.06	0.04	0.04	0.05	0.06	0.05	0.11		0.03	0.08	0.10	0.05	0.01									21	
22							0.01																		22	
23																									23	
24												0.01													24	
25																									25	
26																									26	
27							0.01																		27	
28																									28	
29																									29	
30																									30	
31	0.01																								31	
Sum	0.04	0.04	0.13	0.42	0.54	0.87	0.27	0.14	0.21	0.22	0.08	0.11	0.09	0.11	0.05	0.04	0.08	0.02	0.02	0.00	0.00	0.05	0.08	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
August 2007: Oakland, NJ



Wind Rose: August 2007
Oakland, NJ



Maximum direction of wind: 10.5 miles from 336°
Maximum sector of wind: 64.1 miles from NNW
318.4 total miles of wind