

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

September 2008

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	82.8	52.8	67.8	67.3	54	67	0	3	.....	0	0.00	0.0	30.16	30.04	30.100	0.5	0.4	332	10	NNW	5	8
2	87.2	55.6	71.4	70.8	58	68	0	7	.....	0	0.00	0.0	30.06	29.91	29.983	0.7	0.6	354	14	NNW	6	342
3	84.9	63.9	74.4	72.7	63	74	0	10	.....	0	0.00	0.0	29.92	29.80	29.873	0.4	0.3	219	7	WSW	3	229
4	90.3*	61.0	75.7	74.2	62	70	0	11	.....	0	0.00	0.0	29.98	29.87	29.908	0.3	0.3	218	11	SSE	4	256
5	87.4	62.3	74.9	73.8	64	74	0	10	.....	0	0.00	0.0	30.02	29.95	29.986	0.9	0.8	194	16	SSW	6	196
6	77.6	68.6	73.1	72.9	72	97	0	9	.....	0	4.19	0.0	29.95	29.46	29.756	1.1	0.9	351	26	N	10	352
7	78.3	58.9	68.6	69.6	59	70	0	4	.....	0	0.01	0.0	30.00	29.57	29.848	1.5	1.3	280	18	NNW	7	289
8	79.6	54.5	67.0	65.6	55	74	0	3	.....	0	0.00	0.0	30.13	30.00	30.070	0.4	0.3	280	7	NW	4	18
9	68.9	58.6	63.8	64.2	63	95	1	0	.....	0	0.77	0.0	30.06	29.87	29.952	0.1	0.1	277	10	NNW	4	290
10	70.4	51.7	61.1	61.1	53	75	4	0	.....	0	0.00	0.0	30.27	30.01	30.160	0.5	0.5	350	12	N	5	329
11	71.5	54.4	63.0	61.4	53	75	2	0	.....	0	0.00	0.0	30.33	30.23	30.282	0.3	0.1	187	7	NW	4	170
12	67.1	55.1	61.1	62.3	60	92	4	0	.....	0	0.61	0.0	30.24	29.91	30.074	0.1	0.1	240	6	WSW	2	252
13	77.6	64.0	70.8	69.8	68	93	0	6	.....	0	0.00	0.0	29.91	29.84	29.869	0.1	0.0	137	4	S	2	156
14	87.6	68.3	78.0*	76.0	71	85	0	13	.....	0	0.00	0.0	29.85	29.55	29.707	0.3	0.3	232	10	WSW	3	221
15	80.9	61.8	71.4	73.9	60	63	0	7	.....	0	0.00	0.0	29.99	29.50	29.710	1.6	1.2	265	17	W	6	300
16	67.4	54.4	60.9	60.5	54	80	4	0	.....	0	0.00	0.0	30.13	29.99	30.067	0.1	0.1	4	5	N	3	17
17	71.8	48.5	60.2	58.4	50	78	4	0	.....	0	0.00	0.0	30.13	30.02	30.088	0.3	0.2	312	9	NW	3	328
18	70.4	48.0	59.2	58.1	50	77	6	0	.....	0	0.00	0.0	30.32	30.02	30.138	1.0	1.0	358	15	NNE	6	326
19	65.0	42.8	53.9*	52.1	44	76	11	0	.....	0	0.00	0.0	30.44	30.32	30.379	0.6	0.2	54	10	S	4	99
20	68.3	41.3*	54.8	52.8	46	81	10	0	.....	0	0.00	0.0	30.35	30.15	30.245	0.2	0.1	278	7	SSE	3	156
21	78.1	43.5	60.8	59.1	52	81	4	0	.....	0	0.00	0.0	30.23	30.13	30.165	0.1	0.1	197	5	SSW	2	205
22	70.6	52.6	61.6	60.2	53	79	3	0	.....	0	0.00	0.0	30.39	30.23	30.307	0.6	0.6	348	12	NNW	5	332
23	69.1	47.4	58.3	55.8	48	79	7	0	.....	0	0.00	0.0	30.44	30.35	30.396	0.4	0.4	29	10	W	4	334
24	70.1	44.2	57.1	55.4	49	82	8	0	.....	0	0.00	0.0	30.40	30.33	30.372	0.3	0.2	44	9	NNW	3	205
25	63.4	46.2	54.8	55.6	49	81	10	0	.....	0	0.06	0.0	30.41	30.28	30.358	0.9	0.8	18	13	N	5	15
26	62.9	54.5	58.7	59.7	59	98	6	0	.....	0	1.81	0.0	30.28	30.07	30.136	1.3	1.3	13	19	NW	5	4
27	68.6	61.6	65.1	65.2	65	98	0	1	.....	0	0.04	0.0	30.08	29.91	29.991	0.2	0.2	8	6	N	2	346
28	73.0	64.7	68.8	67.4	66	97	0	4	.....	0	0.68	0.0	29.91	29.78	29.836	0.0	0.0	26	5	NNW	2	344
29	69.3	56.3	62.8	63.7	60	88	2	0	.....	0	0.01	0.0	29.92	29.83	29.883	0.7	0.6	338	13	NW	4	345
30	69.6	53.6	61.6	60.1	55	85	3	0	.....	0	0.00	0.0	29.91	29.71	29.825	0.1	0.1	190	6	SSE	3	184
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		For the month:						---							
2230	1651					89	88			8.18	0.0	30.44	29.46	30.049	0.5	0.2	326	26	N	10	352		
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg			
74.3	55.0	64.7	64.0	57	81.1	----	----	≥.01 inch	9	37.67	0.0	23	6	-----	----	----	---	6	6				
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			96	710	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	4.19	6	0.0	-	0						-					
1	0	0	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.

OBSERVER NOTES:

Tropical Storm Hanna impacted the region on the 6th as it moved over southeastern New Jersey.

**OBSERVATIONS AT 3-HOUR INTERVALS
September 2008: Oakland, NJ**

Hour	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																																																																																																																																																																																																							
SEP 01																		SEP 02																		SEP 03																																																																																																																																																																																											
01		30.12	0.00	59	54	82	27	0	1		30.05	0.00	59	57	91	31	0	0		29.92	0.00	66	62	87	34	0	1	04		30.12	0.00	56	53	90	03	0	0		30.04	0.00	57	55	95	31	0	0		29.92	0.00	67	63	87	34	0	2	07		30.14	0.00	53	52	96	03	0	1		30.03	0.00	57	56	97	33	1	2		29.92	0.00	64	62	93	34	0	0	10		30.16	0.00	70	54	58	31	2	9		30.03	0.00	75	56	53	08	1	7		29.91	0.00	73	63	71	18	0	3	13		30.11	0.00	78	50	37	33	1	6		29.99	0.00	83	52	34	34	2	6		29.87	0.00	80	64	58	23	1	2	16		30.06	0.00	82	55	39	33	2	6		29.92	0.00	87	56	35	33	3	13		29.81	0.00	84	63	50	17	1	6	19		30.05	0.00	76	61	59	31	0	1		29.91	0.00	81	62	52	34	0	0		29.81	0.00	78	63	61	15	1	3	22		30.06	0.00	64	58	81	31	0	0		29.91	0.00	68	63	83	34	0	0		29.84	0.00	68	64	86	15	0	0
SEP 04																		SEP 05																		SEP 06																																																																																																																																																																																											
01		29.89	0.00	64	62	94	15	0	0		29.97	0.00	67	64	88	29	0	0		29.94	0.00	72	69	91	22	0	0	04		29.89	0.00	63	62	97	15	0	0		29.98	0.00	65	63	95	29	0	0		29.87	0.00	72	72	98	22	0	0	07		29.91	0.00	61	60	97	15	0	0		30.01	0.00	62	62	97	29	0	0		29.88	0.00	73	73	99	22	0	0	10		29.92	0.00	75	66	73	20	0	2		30.02	0.00	75	66	73	28	0	3		29.86	0.00	76	76	100	27	0	2	13		29.92	0.00	87	56	36	22	1	4		30.00	0.00	85	58	40	23	2	8		29.81	0.00	77	75	94	21	0	2	16		29.88	0.00	88	58	36	19	1	11		29.96	0.00	86	65	50	17	3	15		29.67	0.00	75	74	96	05	0	5	19		29.89	0.00	83	65	54	18	1	4		29.98	0.00	78	63	61	24	3	11		29.59	1.59	70	70	99	16	0	0	22		29.96	0.00	71	63	77	29	0	0		29.98	0.00	73	68	84	16	1	7		29.47	0.04	70	69	98	35	7	14
SEP 07																		SEP 08																		SEP 09																																																																																																																																																																																											
01		29.61	0.00	70	66	86	32	1	10		30.01	0.00	59	57	96	00	0	0		30.05	0.00	60	58	95	20	0	0	04		29.72	0.00	68	61	78	29	6	14		30.04	0.00	57	56	97	00	0	0		30.00	0.00	60	59	98	20	0	0	07		29.84	0.00	66	59	79	21	1	4		30.09	0.00	55	54	98	00	0	0		29.94	0.00	62	61	97	20	0	0	10		29.89	0.00	69	55	60	20	4	7		30.13	0.00	67	55	65	01	2	7		29.92	0.00	68	66	94	23	0	1	13		29.89	0.00	74	57	54	26	2	6		30.09	0.00	76	50	41	09	1	4		29.93	0.06	66	66	99	03	0	2	16		29.88	0.00	78	56	47	28	2	6		30.05	0.00	80	50	36	31	2	7		29.88	0.00	68	66	93	19	0	1	19		29.92	0.00	73	59	63	00	0	2		30.06	0.00	72	60	67	20	0	0		29.89	0.00	68	67	94	21	0	1	22		29.98	0.00	61	58	89	00	0	0		30.08	0.00	62	59	90	20	0	0		29.98	0.00	64	62	93	00	0	0
SEP 10																		SEP 11																		SEP 12																																																																																																																																																																																											
01		30.02	0.00	62	56	82	03	0	3		30.28	0.00	55	52	90	01	0	0		30.24	0.00	56	55	96	12	0	0	04		30.07	0.00	58	52	80	12	0	2		30.30	0.00	57	51	81	01	0	0		30.19	0.00	58	57	94	12	0	0	07		30.13	0.00	52	51	96	09	0	0		30.31	0.00	56	51	83	11	0	0		30.16	0.00	60	58	95	12	0	0	10		30.18	0.00	62	52	70	10	3	7		30.33	0.00	61	52	73	02	0	4		30.13	0.00	66	58	76	18	1	3	13		30.20	0.00	67	52	59	25	1	6		30.30	0.00	68	54	60	17	1	4		30.08	0.00	65	61	85	20	0	2	16		30.17	0.00	66	52	60	32	0	1		30.25	0.00	69	55	61	18	1	4		30.00	0.08	64	62	96	17	0	0	19		30.21	0.00	62	54	74	33	0	0		30.24	0.00	66	57	73	16	0	1		29.95	0.07	64	63	98	25	0	1	22		30.26	0.00	57	54	88	33	0	0		30.26	0.00	58	55	88	12	0	1		29.92	0.00	64	64	99	25	0	0
SEP 13																		SEP 14																		SEP 15																																																																																																																																																																																											
01		29.90	0.00	65	64	99	25	0	0		29.84	0.00	68	67	96	08	0	0		29.53	0.00	76	71	85	27	0	3	04		29.86	0.00	65	64	99	25	0	0		29.80	0.00	69	67	96	08	0	1		29.51	0.00	74	70	86	26	1	3	07		29.86	0.00	64	64	99	25	0	0		29.78	0.00	69	68	97	08	0	0		29.61	0.00	73	60	63	21	2	6	10		29.89	0.00	70	70	100	21	0	1		29.76	0.00	74	70	90	23	0	3		29.69	0.00	74	59	60	22	3	10	13		29.87	0.00	76	70	81	21	0	1		29.70	0.00	84	74	73	28	1	3		29.73	0.00	79	59	51	26	2	9	16		29.85	0.00	77	69	75	10	0	1		29.64	0.00	87	73	65	24	0	3		29.75	0.00	80	53	40	23	3	9	19		29.86	0.00	74	71	91	08	0	0		29.60	0.00	79	74	84	20	0	0		29.84	0.00	72	58	62	01	0	3	22		29.88	0.00	70	69	96	08	0	0		29.56	0.00	79	72	80	24	1	6		29.95	0.00	66	53	63	31	0	5
SEP 16																		SEP 17																		SEP 18																																																																																																																																																																																											
01		30.00	0.00	60	52	75	10	1	3		30.13	0.00	54	51	92	32	0	0		30.05	0.00	51	50	96	00	0	0	04		30.02	0.00	56	52	88	16	0	0		30.11	0.00	51	49	93	32	0	0		30.03	0.00	50	49	97	00	0	0	07		30.06	0.00	55	53	94	16	0	0		30.11	0.00	49	47	94	32	0	0		30.05	0.00	52	51	97	13	0	2	10		30.11	0.00	62	55	78	31	1	3		30.13	0.00	61	51	72	32	1	6		30.12	0.00	64	54	69	03	2	9	13		30.09	0.00	67	52	58	05	0	3		30.10	0.00	67	49	52	24	0	5		30.16	0.00	68	51	55	34	3	8	16		30.06	0.00	66	56	70	33	0	3		30.03	0.00	72	49	45	33	0	4		30.17	0.00	70	47	44	32	2	6	19		30.08	0.00	63	57	81	03	0	0		30.04	0.00	62	55	79	00	0	0		30.22	0.00	61	47	61	34	0	0	22		30.11	0.00	59	54	85	33	0	1		30.07	0.00	54	52	93	00	0	0		30.28	0.00	51	47	85	28	0	0

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.29	0.54	0.74	0.90	1.08	1.19	1.43	1.76	1.90	2.08	2.25	2.35
Ended: Date	06	06	06	06	06	06	06	06	06	06	06	06
Ended: Time	1818	1823	1823	1824	1834	1846	1904	1923	1943	1957	2031	2039

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

September 2008: Oakland, NJ

Hour	SEP 19									SEP 20									SEP 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	30.33	0.00	47	44	92	28	0	0	30.35	0.00	45	44	96	06	0	0	30.16	0.00	46	45	96	35	0	0			
04	30.36	0.00	46	43	89	28	0	0	30.31	0.00	43	42	97	06	0	0	30.14	0.00	45	44	97	35	0	0			
07	30.41	0.00	43	41	92	28	0	0	30.31	0.00	42	41	97	06	0	0	30.16	0.00	44	43	98	35	0	0			
10	30.44	0.00	55	45	70	07	1	5	30.28	0.00	55	49	81	03	1	4	30.17	0.00	58	55	89	16	0	1			
13	30.42	0.00	62	44	52	07	3	5	30.24	0.00	63	46	54	29	1	4	30.17	0.00	73	52	47	18	1	2			
16	30.36	0.00	64	47	54	07	2	6	30.17	0.00	67	48	50	22	1	2	30.13	0.00	78	54	44	29	0	1			
19	30.35	0.00	55	47	73	06	0	0	30.16	0.00	58	53	83	35	0	0	30.15	0.00	68	62	81	27	0	0			
22	30.36	0.00	47	45	93	06	0	2	30.17	0.00	50	48	94	35	0	0	30.22	0.00	60	58	94	10	0	3			
SEP 22									SEP 23									SEP 24									
01	30.24	0.00	57	55	96	10	0	0	30.39	0.00	51	51	97	34	0	0	30.39	0.00	47	45	95	35	0	0			
04	30.25	0.00	56	55	98	10	0	0	30.39	0.00	49	48	98	34	0	0	30.36	0.00	45	44	96	35	0	0			
07	30.30	0.00	55	51	85	09	0	2	30.42	0.00	48	47	98	34	0	0	30.38	0.00	45	44	98	35	0	0			
10	30.33	0.00	61	51	72	35	1	6	30.44	0.00	57	50	76	34	1	5	30.40	0.00	57	50	77	34	1	3			
13	30.32	0.00	68	53	59	00	2	4	30.41	0.00	66	51	59	13	1	6	30.38	0.00	66	51	58	24	1	5			
16	30.30	0.00	70	54	56	31	2	6	30.36	0.00	68	48	48	08	0	5	30.34	0.00	69	54	58	23	1	4			
19	30.33	0.00	62	54	74	34	0	0	30.36	0.00	58	48	69	35	0	0	30.36	0.00	61	54	77	04	0	0			
22	30.38	0.00	56	54	92	34	0	0	30.38	0.00	50	47	90	35	0	0	30.38	0.00	53	51	93	04	0	0			
SEP 25									SEP 26									SEP 27									
01	30.37	0.00	50	49	96	04	0	0	30.26	0.05	55	54	96	34	2	9	30.08	0.00	62	61	98	04	0	1			
04	30.37	0.00	49	48	97	04	0	1	30.17	0.55	56	56	98	01	3	13	30.04	0.00	62	61	98	12	0	2			
07	30.39	0.00	47	46	98	04	0	1	30.16	0.17	57	56	98	04	3	11	30.04	0.00	62	61	98	29	0	2			
10	30.40	0.00	56	48	74	32	1	7	30.16	0.07	60	59	99	34	1	7	30.04	0.00	65	64	99	34	0	3			
13	30.39	0.00	62	50	65	00	2	6	30.12	0.00	61	61	99	03	2	7	29.99	0.00	67	67	98	10	1	3			
16	30.33	0.00	62	52	69	12	1	5	30.08	0.00	63	62	98	32	0	5	29.94	0.00	68	67	96	01	1	2			
19	30.32	0.00	60	51	72	30	1	5	30.08	0.00	63	62	98	35	0	2	29.92	0.00	68	68	98	14	0	0			
22	30.30	0.00	55	53	94	35	1	3	30.07	0.00	63	62	98	35	0	2	29.93	0.00	67	67	98	07	0	0			
SEP 28									SEP 29									SEP 30									
01	29.90	0.00	67	66	98	07	0	0	29.83	0.00	65	64	98	10	0	2	29.91	0.00	55	52	90	06	0	1			
04	29.85	0.00	67	66	98	07	0	0	29.84	0.00	63	63	98	33	1	4	29.89	0.00	54	52	93	06	0	0			
07	29.85	0.00	66	66	98	07	0	0	29.88	0.00	62	61	98	25	0	3	29.89	0.00	55	53	95	06	0	0			
10	29.85	0.00	67	67	98	05	0	1	29.91	0.00	65	63	93	32	0	3	29.89	0.00	61	54	79	32	0	3			
13	29.83	0.00	69	69	98	05	0	0	29.90	0.00	66	60	83	32	1	4	29.83	0.00	66	57	71	26	0	1			
16	29.78	0.00	72	68	88	07	0	1	29.88	0.00	67	60	77	32	0	2	29.76	0.00	69	58	69	29	0	3			
19	29.81	0.00	67	67	98	33	0	0	29.91	0.00	63	57	79	00	1	5	29.74	0.00	62	58	87	17	0	0			
22	29.83	0.00	65	64	98	08	0	2	29.92	0.00	61	53	77	33	1	5	29.72	0.00	58	57	96	17	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

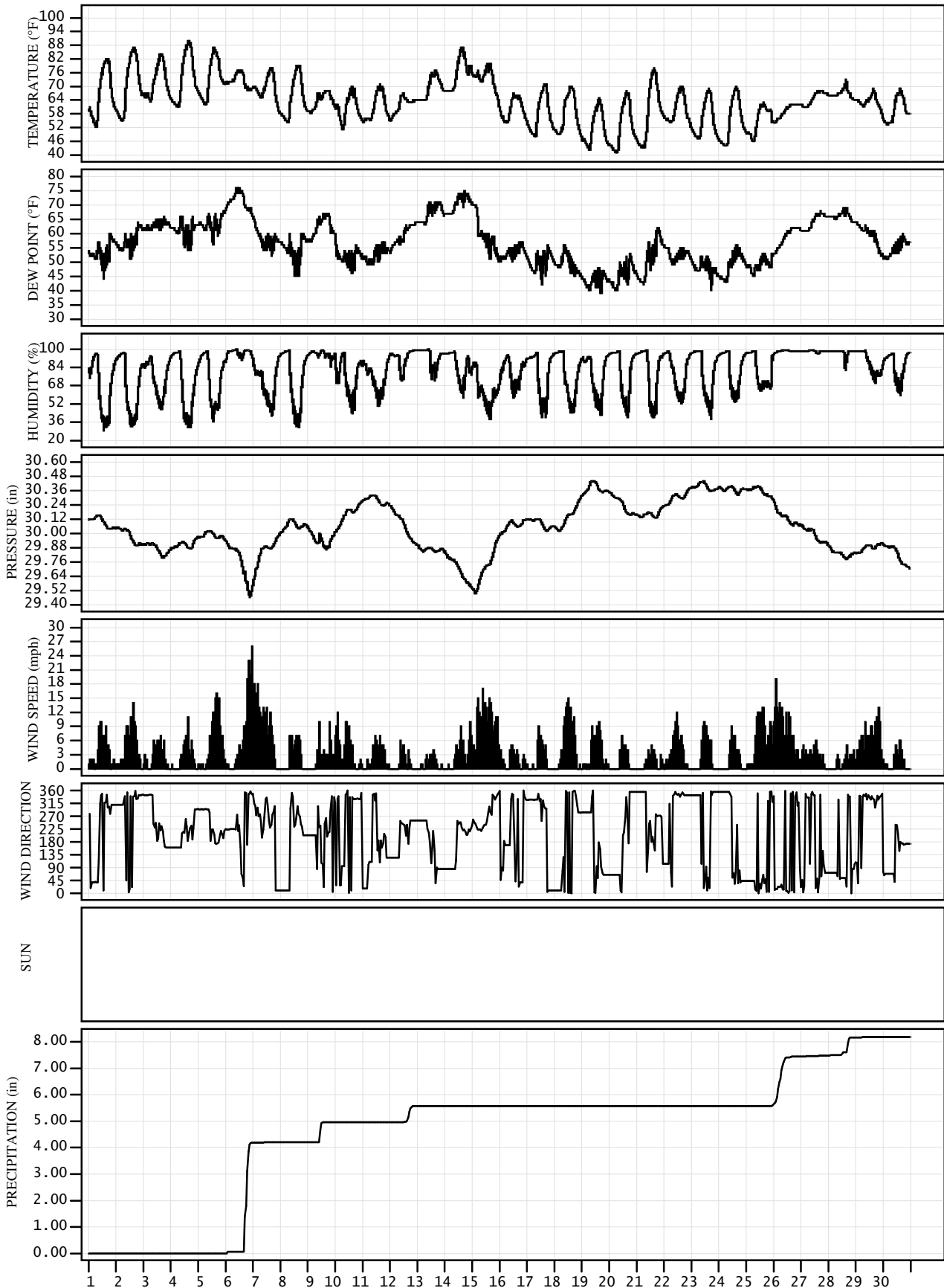
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		30.058	59	57	92	0.1	36	0.1
04		30.048	58	56	94	0.4	32	0.3
07		30.068	57	55	94	0.2	12	0.0
10		30.081	65	58	78	1.0	34	0.2
13		30.061	71	57	64	1.0	32	0.3
16		30.016	73	58	62	0.9	29	0.3
19		30.021	68	60	77	0.2	25	0.1
22		30.039	61	58	89	0.4	34	0.2

HOURLY PRECIPITATION (Water Equivalent) September 2008: Oakland, NJ

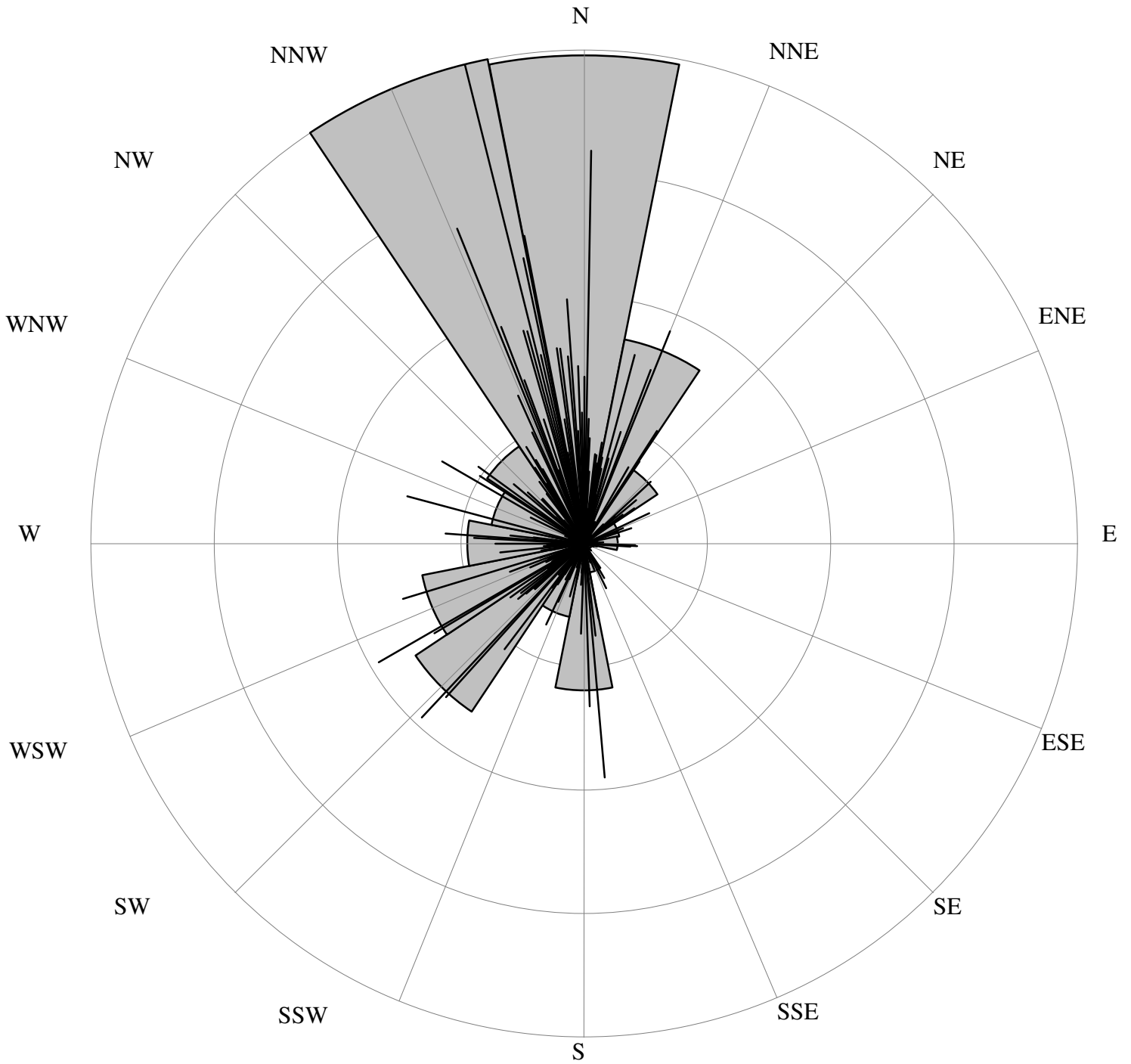
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02																									02
03																									03
04																									04
05																									05
06		0.06															1.34	0.39	1.32	0.74	0.26	0.07	0.01		06
07										0.01															07
08											0.50	0.22	0.05												08
09																									09
10														0.01	0.01	0.02	0.16	0.19	0.12	0.06	0.03	0.01			10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																							0.02	0.04	25
26	0.05	0.05	0.17	0.31	0.27	0.11	0.32	0.23	0.10	0.12	0.04				0.02	0.01					0.01				26
27					0.01	0.01										0.01	0.01	0.34	0.17	0.04	0.01		0.01		27
28		0.01										0.06	0.04			0.01									28
29						0.01																			29
30																									30
Sum	0.05	0.12	0.17	0.31	0.28	0.13	0.32	0.23	0.10	0.13	0.54	0.28	0.10	0.01	0.04	0.19	1.87	0.68	1.42	0.78	0.28	0.08	0.03	0.04	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 September 2008: Oakland, NJ



Wind Rose: September 2008
Oakland, NJ



Maximum direction of wind: 12.6 miles from 346°
Maximum sector of wind: 80.9 miles from NNW
377.3 total miles of wind