

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### September 2006

Station: Westford  
 Latitude: 44° 37' 39" N Longitude: 73° 02' 29" W Elevation (Ground): 850 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
1	2	3	4A	4B	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	74.9	45.1	60.0	58.7	52	82	5	0	.....	0	0.01	0.0	30.34	30.26	30.295	0.4	0.1	27	10	N	0	0	
2	66.9	50.8	58.9	57.4	52	82	6	0	.....	0	0.00	0.0	30.36	30.18	30.295	0.4	0.3	19	13	N	0	0	
3	68.4	50.2	59.3	58.8	54	84	6	0	.....	0	0.44	0.0	30.18	29.92	30.028	2.0	1.4	143	19	S	0	0	
4	62.9	56.9	59.9	59.1	57	93	5	0	.....	0	0.27	0.0	29.99	29.89	29.927	1.1	1.0	266	13	W	0	0	
5	68.1	57.2	62.6	61.4	59	91	2	0	.....	0	0.10	0.0	30.04	29.88	29.970	0.6	0.4	255	8	WSW	0	0	
6	67.4	55.0	61.2	60.4	58	93	4	0	.....	0	0.01	0.0	30.00	29.85	29.905	0.6	0.2	254	11	WNW	0	0	
7	73.2	52.3	62.7	60.0	55	85	2	0	.....	0	0.00	0.0	30.07	29.95	29.753	0.6	0.4	194	11	S	0	0	
8	77.0	51.0	64.0	63.9	57	80	1	0	.....	0	0.01	0.0	30.01	29.88	29.947	2.1	2.1	187	16	S	0	0	
9	71.8	48.2	60.0	59.3	56	89	5	0	.....	0	0.36	0.0	30.07	29.86	29.922	2.0	1.1	214	21	W	3	236	
10	61.6	38.3	49.9	50.8	44	80	15	0	.....	0	0.00	0.0	30.33	30.07	30.216	0.7	0.5	351	11	W	0	0	
11	64.8	35.8	50.3	48.9	41	78	14	0	.....	0	0.00	0.0	30.43	30.31	30.367	0.8	0.5	305	12	W	0	0	
12	68.1	36.3	52.2	51.0	44	80	13	0	.....	0	0.00	0.0	30.32	30.07	30.226	0.6	0.5	290	13	W	0	0	
13	58.3	43.6	50.9	51.0	49	93	14	0	.....	0	0.63	0.0	30.07	29.90	29.976	1.9	1.7	178	16	SSW	0	0	
14	63.1	54.5	58.8	59.5	58	93	6	0	.....	0	0.03	0.0	29.99	29.90	29.940	2.0	1.8	196	18	S	0	0	
15	73.2	56.7	64.9	63.3	61	91	0	0	.....	0	0.01	0.0	30.08	29.99	30.042	0.4	0.3	279	11	WNW	0	0	
16	73.3	56.3	64.8	62.8	60	90	0	0	.....	0	0.00	0.0	30.12	29.99	30.055	0.2	0.1	333	7	W	0	0	
17	72.3	52.6	62.5	62.5	59	89	2	0	.....	0	0.00	0.0	29.99	29.77	29.887	1.5	1.3	199	12	SSW	0	0	
18	77.9*	59.6	68.8*	67.7	61	81	0	4	.....	0	0.00	0.0	29.81	29.64	29.725	3.7	3.5	193	19	SSW	0	0	
19	70.8	54.8	62.8	63.3	60	90	2	0	.....	0	0.32	0.0	29.65	29.57	29.603	3.4	3.0	199	22	SSW	0	0	
20	65.2	45.2	55.2	54.3	49	84	10	0	.....	0	0.29	0.0	29.76	29.55	29.612	2.9	2.5	266	24	W	0	0	
21	59.8	40.5	50.1	49.6	39	69	14	0	.....	0	0.00	0.0	30.05	29.76	29.919	3.4	3.0	275	14	W	0	0	
22	62.4	44.2	53.3	53.4	46	78	12	0	.....	0	0.00	0.0	30.14	29.93	30.062	1.0	0.8	193	12	WSW	0	0	
23	60.7	51.6	56.1	56.5	54	92	8	0	.....	0	0.06	0.0	29.94	29.63	29.742	3.0	2.8	191	21	SSW	4	181	
24	72.8	51.9	62.4	62.8	57	82	2	0	.....	0	0.02	0.0	29.63	29.29	29.445	5.3	3.9	219	30	W	0	0	
25	60.1	45.7	52.9	51.7	43	73	12	0	.....	0	0.00	0.0	29.76	29.58	29.685	2.1	1.5	265	16	W	0	0	
26	61.5	41.1	51.3	51.0	43	75	13	0	.....	0	0.09	0.0	29.97	29.66	29.831	3.2	2.6	258	18	W	0	0	
27	68.1	41.1	54.6	53.4	43	72	10	0	.....	0	0.00	0.0	29.98	29.79	29.885	2.8	2.4	190	25	S	0	0	
28	70.6	53.9	62.3	61.4	50	67	2	0	.....	0	0.00	0.0	29.80	29.61	29.716	4.3	3.8	179	30	S	0	0	
29	59.8	42.1	50.9	49.3	46	88	14	0	.....	0	1.50	0.0	29.90	29.56	29.668	3.3	1.7	262	20	S	0	0	
30	59.2	34.7*	47.0*	47.2	39	75	18	0	.....	0	0.00	0.0	30.11	29.90	30.044	1.5	1.2	195	13	SSW	0	91	
Sum	Sum	-----	-----	---	----	Ttl	Ttl															---	
2014	1447					217	4		Number of Days	4.15	0.0	30.43	29.29	29.923	1.9	1.2	218	30	w	4	181		
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip	Season Ttl	Date	Date	-----	----	---		Date	Date	Avg				
67.1	48.2	57.7	57.0	51	83.4	----	----		≥.01 inch	16	41.67	0.0	11	24	-----	----	---		24+	23			
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			315	316	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	1.50	29	0.0	-	0						-					
0	0	0	0	----	----	Clear	3	Partly Cloudy			16	Cloudy			11								

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

## September 2006: Westford

Hour	SEP 01									SEP 02									SEP 03								
	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		30.29	0.00	49	48	98	00	0	0		30.29	0.00	55	52	90	09	1	2		30.16	0.00	56	41	58	18	3	10
04		30.29	0.00	46	45	98	00	0	0		30.30	0.00	52	50	93	00	0	0		30.11	0.00	51	48	89	13	2	5
07		30.33	0.00	46	45	98	00	0	0		30.34	0.00	53	50	92	00	0	0		30.08	0.00	52	51	97	09	1	3
10		30.33	0.00	66	59	80	06	0	2		30.36	0.00	62	54	75	13	1	6		30.08	0.00	58	55	91	18	5	12
13		30.29	0.00	71	59	64	24	1	3		30.34	0.00	66	55	68	00	1	3		30.02	0.00	65	57	76	15	5	13
16		30.26	0.00	74	56	53	00	1	5		30.30	0.00	63	55	74	00	0	0		29.96	0.00	66	57	75	15	4	12
19		30.28	0.00	64	57	77	00	0	0		30.25	0.00	57	52	83	00	0	0		29.94	0.00	62	57	85	09	0	3
22		30.29	0.00	55	54	97	00	0	0		30.21	0.00	52	50	93	00	0	0		29.92	0.00	60	58	93	00	0	0
SEP 04									SEP 05									SEP 06									
01		29.91	0.00	59	58	97	20	0	4		30.00	0.00	58	58	98	29	2	6		29.88	0.00	58	58	98	18	1	2
04		29.90	0.00	58	57	98	00	0	0		30.00	0.00	58	58	99	00	0	0		29.85	0.00	57	57	98	15	1	2
07		29.90	0.00	57	56	95	29	1	5		30.03	0.00	58	57	98	00	0	0		29.86	0.00	58	57	99	15	1	3
10		29.92	0.00	62	57	86	27	4	13		30.02	0.00	64	60	87	29	1	6		29.89	0.00	64	60	86	20	2	6
13		29.91	0.00	62	57	83	24	3	10		29.99	0.00	66	60	80	29	2	6		29.90	0.00	66	62	87	24	1	3
16		29.93	0.00	60	59	97	27	3	6		29.93	0.00	65	59	80	24	1	4		29.91	0.00	65	60	86	00	1	3
19		29.94	0.00	59	58	97	24	0	1		29.91	0.00	62	59	90	20	0	2		29.94	0.00	60	58	93	00	0	3
22		29.98	0.00	58	58	97	24	0	2		29.91	0.01	60	59	95	18	0	3		29.99	0.00	57	56	96	00	0	0
SEP 07									SEP 08									SEP 09									
01		30.00	0.00	54	53	97	00	0	0		29.97	0.00	55	55	98	18	0	1		29.88	0.00	62	57	83	18	2	5
04		30.00	0.00	53	52	98	00	0	0		29.98	0.00	55	54	98	18	1	5		29.86	0.00	60	57	89	18	2	8
07		30.04	0.00	54	54	99	00	0	0		29.99	0.00	55	54	98	18	2	5		29.87	0.00	60	57	89	18	2	6
10		30.05	0.00	63	56	78	13	0	1		30.00	0.00	66	58	75	20	5	10		29.90	0.00	67	60	79	20	3	8
13		30.02	0.00	70	60	70	18	2	6		29.96	0.00	74	61	64	20	4	8		29.86	0.00	72	61	70	22	3	8
16		29.98	0.00	73	57	57	20	1	6		29.89	0.00	77	60	57	18	2	8		29.92	0.00	56	55	96	00	1	6
19		29.96	0.00	65	59	83	00	0	0		29.88	0.00	68	59	72	18	0	3		30.00	0.00	51	51	97	00	2	7
22		29.98	0.00	54	53	96	00	0	0		29.90	0.00	61	58	92	20	2	5		30.05	0.00	50	49	96	00	2	5
SEP 10									SEP 11									SEP 12									
01		30.08	0.00	49	48	96	00	2	2		30.34	0.00	38	37	96	00	0	0		30.31	0.00	40	39	96	00	0	0
04		30.12	0.00	49	48	96	00	0	0		30.35	0.00	38	37	95	00	0	0		30.30	0.00	38	37	97	00	0	0
07		30.19	0.00	49	48	96	00	0	0		30.40	0.00	36	35	96	00	0	0		30.32	0.00	37	37	97	00	0	0
10		30.24	0.00	46	45	98	00	1	3		30.43	0.00	55	44	65	02	0	2		30.29	0.00	58	49	72	31	0	2
13		30.25	0.00	60	42	52	27	2	5		30.39	0.00	62	43	50	00	0	3		30.22	0.00	65	42	43	31	2	8
16		30.24	0.00	59	42	54	00	2	4		30.35	0.00	64	45	51	29	4	8		30.15	0.00	65	46	50	29	3	8
19		30.27	0.00	56	40	54	00	0	0		30.34	0.00	54	45	70	00	0	0		30.14	0.00	56	48	75	00	0	0
22		30.32	0.00	40	38	95	00	0	0		30.33	0.00	44	43	95	00	0	0		30.10	0.00	46	44	96	00	0	0
SEP 13									SEP 14									SEP 15									
01		30.07	0.00	44	43	97	00	0	0		29.90	0.00	55	54	97	18	3	12		30.00	0.00	59	58	97	00	0	0
04		30.03	0.00	45	45	98	00	0	0		29.90	0.00	56	54	93	20	4	10		30.00	0.00	60	59	98	00	0	0
07		30.02	0.00	48	47	96	20	0	2		29.92	0.00	58	55	91	18	2	7		30.03	0.00	60	59	98	06	0	2
10		30.02	0.01	52	48	86	20	6	16		29.94	0.00	62	57	86	18	3	9		30.06	0.00	68	63	83	00	1	3
13		29.96	0.00	55	50	84	15	1	7		29.96	0.00	61	59	94	20	2	6		30.07	0.00	69	64	84	27	4	10
16		29.92	0.01	54	53	96	18	1	7		29.94	0.00	62	61	96	13	0	3		30.05	0.00	70	64	81	29	0	1
19		29.91	0.01	53	52	96	20	3	10		29.97	0.00	62	60	96	00	0	0		30.06	0.00	65	62	89	00	0	0
22		29.90	0.00	54	53	98	18	4	11		29.98	0.00	60	59	97	00	0	0		30.07	0.00	58	57	97	00	0	0
SEP 16									SEP 17									SEP 18									
01		30.08	0.00	60	59	99	00	0	0		29.98	0.00	59	59	99	00	0	0		29.79	0.00	61	59	94	18	2	6
04		30.07	0.00	60	59	99	00	0	0		29.95	0.00	56	56	98	00	0	0		29.77	0.00	61	60	96	15	2	10
07		30.09	0.00	60	59	99	00	0	0		29.96	0.00	53	52	98	00	0	0		29.78	0.00	60	59	97	20	3	7
10		30.12	0.00	61	61	98	04	0	2		29.97	0.00	61	60	99	24	0	3		29.77	0.00	68	63	86	22	3	13
13		30.07	0.00	70	60	71	11	1	3		29.89	0.00	68	61	78	24	1	3		29.71	0.00	77	65	68	20	4	11
16		30.01	0.00	73	61	66	29	0	1		29.80	0.00	72	62	70	20	3	10		29.66	0.00	78	61	57	20	4	8
19		30.01	0.00	62	59	89	00	0	0		29.78	0.00	65	61	86	20	1	4		29.66	0.00	69	61	74	18	2	8
22		30.02	0.00	58	58	99	00	0	0		29.83	0.00	62	60	93	18	2	7		29.66	0.00	68	63	82	20	3	10

### MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.17	0.28	0.35	0.36	0.36	0.36	0.36	0.39	0.49	0.55	0.63	0.70
Ended: Date	09	09	09	09	09	09	09	29	29	29	29	29
Ended: Time	1400	1405	1410	1410	1410	1410	1410	0540	0600	0620	0650	0720

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 2006: Westford

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		29.61	0.00	67	62	83	20	3	8	29.63	0.00	54	50	85	27	1	3	29.78	0.00	45	42	87	31	3	7		
04		29.59	0.00	66	61	85	20	5	13	29.62	0.00	50	49	96	00	0	0	29.83	0.00	41	37	83	27	5	8		
07		29.58	0.00	65	62	89	18	6	13	29.61	0.00	47	46	96	00	0	0	29.90	0.00	42	38	86	29	6	13		
10		29.57	0.00	68	62	83	20	4	13	29.60	0.00	58	51	75	24	4	10	29.95	0.00	50	39	66	29	5	10		
13		29.60	0.00	65	64	98	18	3	7	29.57	0.00	62	51	68	24	6	10	29.94	0.00	57	39	51	29	7	13		
16		29.60	0.04	63	62	96	24	6	20	29.57	0.00	58	52	80	24	3	7	29.94	0.00	56	38	51	29	5	11		
19		29.63	0.00	58	57	96	00	0	0	29.61	0.00	55	48	76	27	4	8	29.97	0.00	53	40	62	24	0	2		
22		29.64	0.00	57	54	89	24	1	3	29.69	0.01	49	48	97	29	6	11	30.02	0.00	51	43	75	20	0	1		
SEP 22									SEP 23									SEP 24									
01		30.05	0.00	50	45	82	22	0	3	29.92	0.00	54	48	79	18	1	5	29.61	0.00	61	59	95	20	2	6		
04		30.07	0.00	49	46	90	00	0	0	29.87	0.00	55	49	82	20	3	8	29.50	0.00	62	62	97	18	3	12		
07		30.13	0.00	44	43	95	00	0	0	29.81	0.00	53	51	94	18	3	7	29.42	0.00	64	62	94	20	5	17		
10		30.13	0.00	56	48	74	18	2	7	29.74	0.00	55	53	94	20	3	8	29.36	0.00	67	63	87	20	5	16		
13		30.11	0.00	59	47	63	20	3	7	29.68	0.00	57	56	96	20	5	12	29.29	0.00	69	62	76	20	5	11		
16		30.04	0.00	60	47	62	15	2	5	29.65	0.00	59	57	93	20	3	9	29.32	0.00	71	49	46	24	12	25		
19		30.02	0.00	52	47	84	00	0	0	29.66	0.00	60	59	97	20	2	5	29.50	0.00	57	50	76	29	5	11		
22		29.97	0.00	52	47	81	20	1	4	29.67	0.00	60	59	96	18	4	10	29.56	0.00	53	47	79	29	0	3		
SEP 25									SEP 26									SEP 27									
01		29.60	0.00	51	47	84	29	2	5	29.67	0.01	48	46	92	18	3	10	29.97	0.00	41	40	94	00	0	0		
04		29.62	0.00	49	46	89	27	1	6	29.68	0.00	47	45	93	18	2	6	29.95	0.00	41	40	94	00	0	0		
07		29.69	0.00	47	44	91	00	0	0	29.75	0.00	50	43	77	27	5	11	29.94	0.00	41	40	94	00	0	0		
10		29.76	0.00	47	42	80	29	2	8	29.85	0.00	54	45	72	24	5	8	29.95	0.00	57	44	62	18	5	11		
13		29.74	0.00	55	39	54	24	5	9	29.88	0.00	57	42	58	27	5	7	29.87	0.00	66	45	48	18	7	18		
16		29.68	0.00	59	41	52	18	3	8	29.89	0.00	61	41	48	24	6	11	29.82	0.00	67	43	41	20	9	17		
19		29.70	0.00	54	43	67	20	1	6	29.92	0.00	58	41	52	00	0	0	29.81	0.00	59	45	60	18	2	7		
22		29.69	0.00	52	43	72	22	2	6	29.97	0.00	41	40	94	00	0	0	29.81	0.00	55	46	70	20	1	3		
SEP 28									SEP 29									SEP 30									
01		29.79	0.00	57	48	73	18	2	6	29.58	0.00	60	48	66	15	5	19	29.91	0.00	43	39	86	22	1	6		
04		29.78	0.00	56	51	82	20	5	13	29.57	0.00	55	53	92	13	1	3	29.97	0.00	38	36	94	18	1	6		
07		29.78	0.00	56	50	79	18	1	6	29.56	0.02	54	54	98	20	0	4	30.05	0.00	35	33	95	18	1	2		
10		29.76	0.00	64	51	64	18	11	25	29.61	0.01	49	48	98	29	2	11	30.11	0.00	48	41	78	20	4	10		
13		29.71	0.00	70	52	53	20	6	13	29.64	0.00	47	46	98	31	4	14	30.07	0.00	57	41	55	22	2	6		
16		29.66	0.00	68	52	57	13	2	7	29.69	0.00	46	45	95	29	6	12	30.07	0.00	58	37	44	15	1	5		
19		29.64	0.00	62	48	60	11	2	7	29.78	0.00	45	38	76	24	2	3	30.08	0.00	48	42	80	00	0	0		
22		29.64	0.00	61	51	70	18	4	11	29.86	0.00	43	38	84	22	2	5	30.08	0.00	49	42	78	20	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

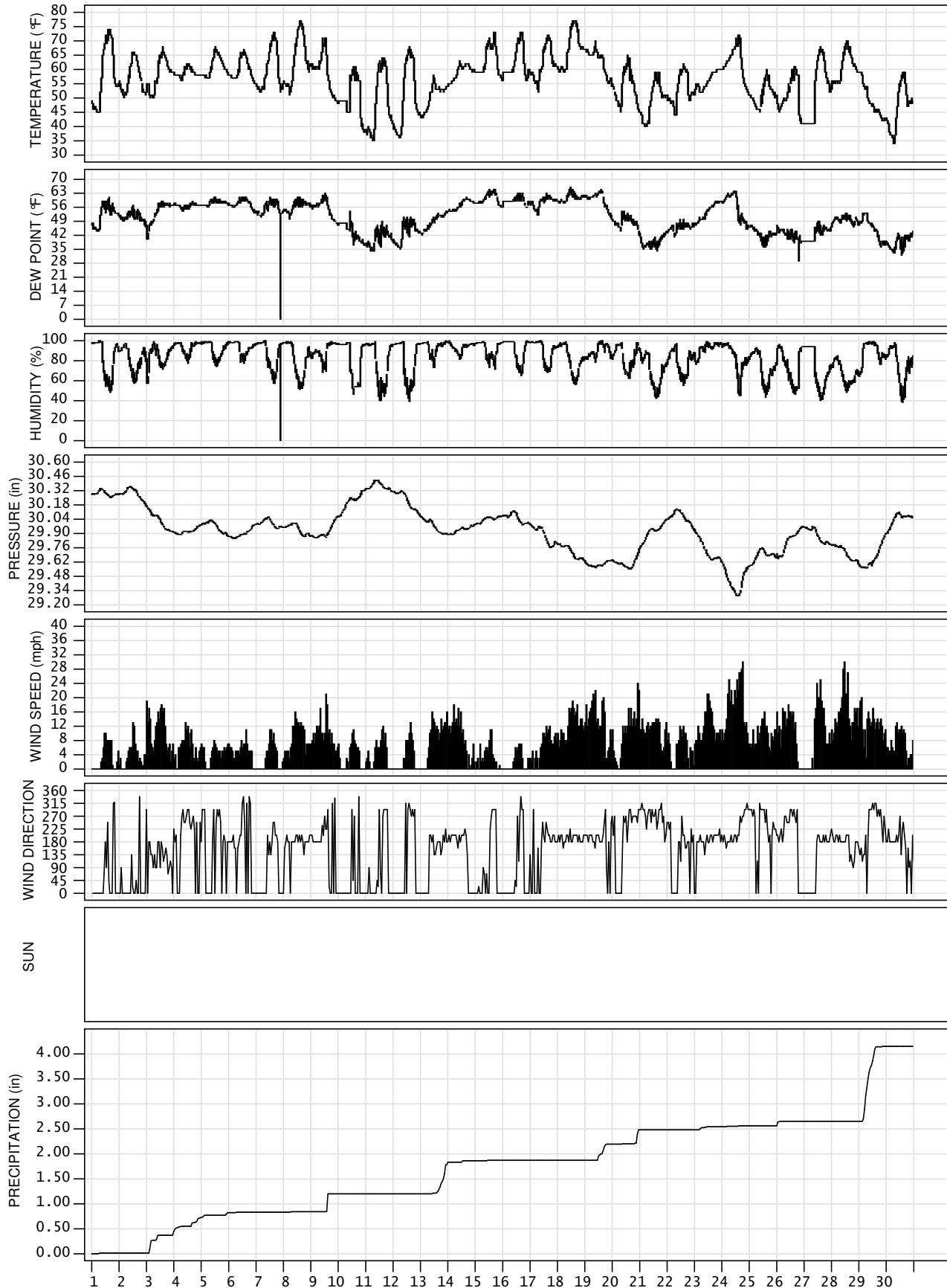
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		29.934	53	50	90	1.3	20	0.7
04		29.927	52	50	94	1.3	20	1.0
07		29.946	52	50	94	1.3	21	0.9
10		29.960	59	53	81	2.9	21	2.2
13		29.930	64	53	70	3.2	23	2.3
16		29.904	64	52	69	3.0	24	1.9
19		29.918	58	52	80	0.9	23	0.5
22		29.934	54	51	90	1.1	21	0.8

## HOURLY PRECIPITATION (Water Equivalent) September 2006: Westford

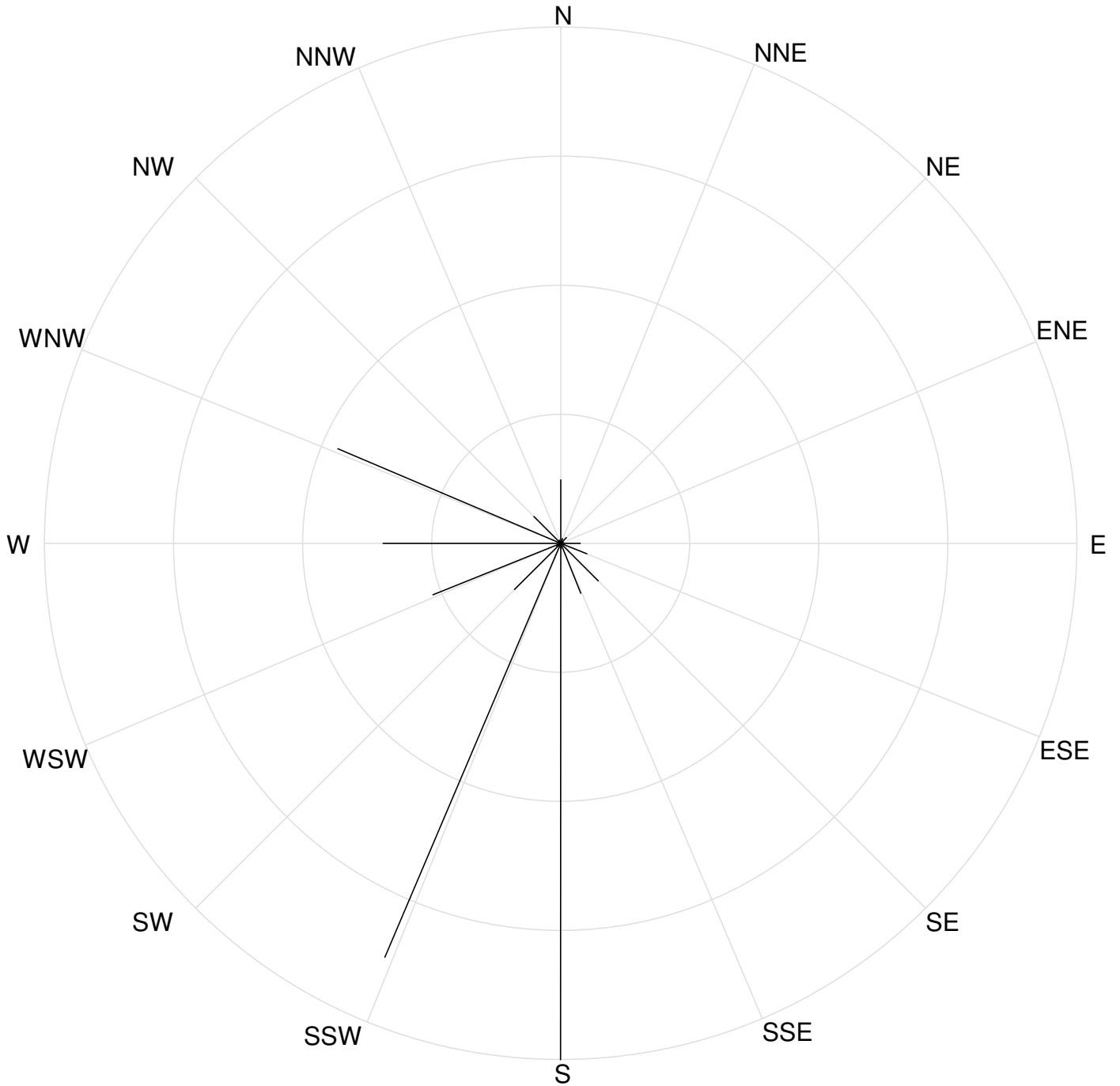
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01							0.01																	01	
02																								02	
03			0.09	0.15	0.02				0.02	0.08													0.08	03	
04	0.04	0.02	0.01	0.01	0.01										0.06	0.01		0.01	0.01	0.05	0.02	0.01		04	
05	0.01	0.02	0.02				0.01														0.02	0.03		05	
06							0.01																	06	
07							0.01																	07	
08																								08	
09														0.01	0.35									09	
10																								10	
11																								11	
12																								12	
13										0.01					0.03	0.03	0.04	0.05	0.06	0.05	0.05	0.11	0.18	0.05	13
14																									14
15										0.01															15
16																									16
17																									17
18																									18
19												0.09	0.02	0.02		0.06	0.08	0.04	0.01						19
20									0.01											0.01		0.18	0.09		20
21																									21
22																									22
23					0.02	0.02			0.01	0.01															23
24					0.01										0.01										24
25																									25
26	0.07	0.01	0.01																						26
27																									27
28																									28
29				0.05	0.19	0.28	0.16	0.18	0.12	0.09	0.05	0.09	0.12	0.11	0.05						0.01			29	
30																									30
Sum	0.12	0.05	0.13	0.21	0.25	0.30	0.20	0.18	0.16	0.17	0.08	0.18	0.17	0.14	0.44	0.16	0.14	0.10	0.07	0.07	0.17	0.40	0.13	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 September 2006: Westford



Wind Rose: September 2006  
**Westford**



Maximum direction of wind: 381.6 miles from 180°.  
1386.1 total miles of wind.