

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

October 2010

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	Speed	Dir
1	2	3	4A	4B	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	59.0	50.7	54.9	55.2	54	95	10	0	.....	0	1.32	0.0	29.78	29.62	29.703	1.6	1.5	325	16	NW	9	310	17
2	55.0	38.5	46.8	46.6	42	84	18	0	.....	0	0.00	0.0	30.10	29.77	29.944	1.5	1.5	315	18	WNW	9	307	112
3	58.0	34.9	46.5	44.1	38	82	18	0	.....	0	0.00	0.0	30.30	30.10	30.224	0.6	0.5	6	13	N	7	17	178
4	58.8	36.4	47.6	47.2	41	80	17	0	.....	0	0.00	0.0	30.30	30.14	30.229	0.4	0.3	352	11	WNW	7	313	126
5	69.2	42.6	55.9	54.4	45	73	9	0	.....	0	0.00	0.0	30.15	30.01	30.080	0.4	0.3	0	10	N	5	310	151
6	53.2	45.0	49.1	49.5	47	91	16	0	.....	0	0.36	0.0	30.06	29.59	29.894	0.2	0.1	50	9	NNE	3	18	23
7	60.9	47.2	54.1	50.4	46	84	11	0	.....	0	0.38	0.0	29.71	29.43	29.526	3.4	3.3	300	24	NNW	13	329	70
8	55.6	46.3	50.9	50.8	44	78	14	0	.....	0	0.04	0.0	29.75	29.64	29.699	2.2	1.5	238	16	SW	8	209	29
9	51.1	36.3	43.7	44.2	35	71	21	0	.....	0	0.00	0.0	29.96	29.75	29.898	2.3	2.2	327	20	NNE	11	309	151
10	60.1	35.6	47.8	46.3	34	65	17	0	.....	0	T	0.0	29.95	29.62	29.769	1.8	1.7	231	19	SSW	9	249	139
11	56.9	35.7	46.3	45.8	37	73	18	0	.....	0	0.00	0.0	29.81	29.66	29.752	1.4	1.4	318	16	NNW	9	318	159
12	53.9	31.3	42.6	41.9	34	77	22	0	.....	0	0.00	0.0	29.94	29.77	29.842	0.6	0.6	347	13	WNW	7	311	164
13	59.6	35.6	47.6	45.3	37	76	17	0	.....	0	0.00	0.0	30.02	29.94	29.984	0.4	0.4	309	10	W	5	282	168
14	61.8	35.3	48.5	48.2	40	76	16	0	.....	0	0.04	0.0	29.99	29.72	29.858	1.0	0.9	202	17	S	8	210	124
15	46.4	34.4	40.4	41.4	40	93	25	0	.....	0	1.77	0.0	29.72	29.24	29.421	3.4	3.4	8	31	NE	13	21	9
16	47.2	38.7	43.0	42.7	39	88	22	0	.....	0	0.21	0.0	29.85	29.45	29.688	3.4	3.3	343	26	NNE	10	308	33
17	53.7	36.1	44.9	44.1	37	76	20	0	.....	0	0.01	0.0	29.82	29.67	29.737	2.8	2.0	271	20	WNW	11	303	46
18	48.8	35.1	41.9	41.8	29	61	23	0	.....	0	0.00	0.0	29.86	29.77	29.817	2.6	2.5	283	21	WNW	13	290	87
19	50.6	29.7	40.1	40.1	31	72	24	0	.....	0	0.00	0.0	29.86	29.78	29.823	2.4	2.4	212	13	SW	9	217	103
20	57.5	39.8	48.6	47.0	36	66	16	0	.....	0	0.00	0.0	29.83	29.60	29.745	3.4	3.4	207	18	WSW	10	210	95
21	49.7	33.1	41.4	43.1	35	74	23	0	.....	0	0.48	0.0	29.66	29.36	29.502	4.2	2.9	241	21	W	14	290	23
22	41.6	31.8	36.7	36.0	26	67	28	0	.....	0	0.00	0.0	29.98	29.65	29.830	5.7	5.6	303	24	WNW	17	299	65
23	47.7	28.6*	38.2	36.8	26	64	26	0	.....	0	0.00	0.0	30.16	29.97	30.070	2.1	2.1	313	16	NNW	10	295	144
24	39.1	30.0	34.5*	35.4	33	89	30	0	.2.....	0	0.11	0.0	30.18	29.97	30.096	0.1	0.1	74	6	ENE	3	107	21
25	60.5	35.6	48.0	49.1	45	88	16	0	.....	0	0.08	0.0	29.97	29.70	29.820	1.7	1.6	196	16	S	7	189	47
26	72.4*	49.8	61.1*	61.5	56	83	4	0	.....	0	0.00	0.0	29.82	29.70	29.757	2.7	2.6	197	16	S	9	173	108
27	68.5	52.3	60.4	60.3	55	82	4	0	.....	0	0.46	0.0	29.78	29.64	29.717	1.7	1.3	217	18	WNW	13	296	71
28	64.7	47.9	56.3	53.8	43	69	8	0	.....	0	0.00	0.0	29.81	29.61	29.700	5.4	4.8	242	27	W	17	275	66
29	48.8	31.9	40.3	42.4	36	79	24	0	.....	0	0.11	0.0	29.96	29.78	29.854	3.1	2.9	303	21	NW	15	301	34
30	41.6	30.1	35.8	36.5	33	86	29	0	.....	0	0.26	T	29.94	29.57	29.783	2.1	1.9	222	13	WSW	8	249	28
31	40.3	30.7	35.5	33.1	30	87	29	0	.....	0	0.15	0.6	30.09	29.55	29.820	2.1	2.1	321	20	WNW	11	310	21
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		For the month:													---
1692	1167					575	0			5.78	0.6	30.30	29.24	29.825	2.2	1.2	276	31	NE	17	275		
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg			
54.6	37.6	46.1	45.6	39	78.3	----	----	≥.01 inch		15	44.32	0.6	4	15	-----	----	----	---	15	28	84		
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			809	482	Thunder		0	Precipitation		Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog		1	1.79	15-16	0.6	31	0		-								
0	0	8	0	----	----	Clear		2	Partly Cloudy		11	Cloudy		18									

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 October 2010: Westford

Hour	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								
OCT 01										OCT 02										OCT 03									
01	0	29.66	0.09	58	57	96	28	7	14	0	29.78	0.00	50	47	91	31	3	11	0	30.12	0.00	40	38	94	01	0	1		
04	0	29.69	0.09	56	55	96	31	2	10	0	29.82	0.00	47	44	89	32	2	8	0	30.15	0.00	36	34	94	01	0	0		
07	0	29.69	0.05	55	54	96	05	0	3	5	29.88	0.00	43	41	92	28	5	7	9	30.20	0.00	36	34	95	01	0	0		
10	42	29.69	0.07	55	54	96	33	0	2	178	29.94	0.00	46	41	84	32	0	9	541	30.26	0.00	47	44	89	03	0	5		
13	23	29.68	0.12	56	55	96	02	0	2	156	29.97	0.00	50	40	70	32	3	11	156	30.26	0.00	56	42	60	00	2	10		
16	16	29.70	0.00	56	54	96	32	3	12	190	29.99	0.00	52	42	69	32	2	13	403	30.24	0.00	56	42	60	01	3	8		
19	0	29.74	0.00	54	53	95	31	2	6	0	30.04	0.00	45	41	86	01	0	1	0	30.25	0.00	43	38	81	04	0	3		
22	0	29.78	0.00	52	49	89	32	7	15	0	30.09	0.00	40	37	92	01	0	0	0	30.28	0.00	40	36	87	03	0	3		
OCT 04										OCT 05										OCT 06									
01	0	30.29	0.00	39	36	89	05	0	2	0	30.13	0.00	49	45	85	02	0	0	0	30.05	0.00	52	46	81	20	0	1		
04	0	30.27	0.00	38	36	91	04	0	1	0	30.09	0.00	48	45	89	02	0	2	0	30.04	0.00	46	43	90	14	0	0		
07	0	30.28	0.00	38	35	92	02	0	0	5	30.12	0.00	44	42	94	02	0	1	0	30.01	0.00	48	45	89	09	0	0		
10	513	30.29	0.00	52	41	66	03	0	3	740	30.11	0.00	57	48	72	30	0	3	46	30.00	0.00	51	48	92	20	0	0		
13	381	30.23	0.00	57	46	67	32	2	7	322	30.08	0.00	64	49	59	26	0	7	32	29.90	0.00	52	49	91	32	1	5		
16	118	30.18	0.00	55	45	69	35	0	2	244	30.03	0.00	69	46	43	06	1	7	39	29.79	0.00	51	48	91	01	0	1		
19	0	30.17	0.00	51	46	82	02	0	0	0	30.04	0.00	53	45	73	02	0	0	0	29.76	0.04	49	47	94	05	0	3		
22	0	30.17	0.00	50	45	84	02	0	0	0	30.04	0.00	51	42	72	34	0	1	0	29.65	0.00	47	46	95	09	0	0		
OCT 07										OCT 08										OCT 09									
01	0	29.56	0.00	48	46	95	09	0	0	0	29.72	0.00	52	39	62	24	3	7	0	29.76	0.00	49	44	84	30	1	3		
04	0	29.48	0.00	49	47	96	30	2	5	0	29.72	0.00	48	40	73	22	1	7	0	29.79	0.00	45	40	83	31	2	6		
07	0	29.45	0.04	47	46	96	28	5	13	0	29.72	0.00	50	41	71	23	5	12	0	29.87	0.00	40	36	83	36	0	4		
10	35	29.45	0.17	48	47	96	29	6	12	76	29.69	0.00	50	42	76	21	6	12	490	29.95	0.00	44	33	63	35	3	20		
13	830	29.48	0.00	54	50	86	30	8	16	33	29.66	0.00	52	47	82	28	0	4	918	29.95	0.00	48	33	57	33	5	15		
16	165	29.50	0.00	59	44	58	29	7	19	32	29.66	0.00	54	47	76	34	3	8	97	29.93	0.00	50	34	56	31	3	14		
19	0	29.58	0.00	50	44	80	29	1	6	0	29.70	0.00	51	48	90	32	4	8	0	29.95	0.00	41	32	71	32	0	3		
22	0	29.69	0.00	51	39	64	28	5	11	0	29.73	0.00	50	47	90	30	0	4	0	29.96	0.00	41	32	71	32	0	7		
OCT 10										OCT 11										OCT 12									
01	0	29.93	0.00	36	31	80	28	0	2	0	29.66	0.00	46	39	78	26	0	2	0	29.78	0.00	36	33	87	35	0	0		
04	0	29.91	0.00	36	30	79	22	0	1	0	29.68	0.00	45	39	79	31	2	7	0	29.78	0.00	34	32	92	35	0	0		
07	5	29.90	0.00	36	31	79	19	1	6	0	29.75	0.00	40	36	85	24	0	3	0	29.80	0.00	33	32	94	35	0	0		
10	313	29.83	0.00	45	35	70	21	5	10	118	29.77	0.00	48	38	67	31	4	9	464	29.83	0.00	46	40	80	00	1	4		
13	828	29.73	0.00	57	34	42	22	4	13	696	29.79	0.00	53	37	56	32	5	14	649	29.83	0.00	52	36	55	32	4	9		
16	70	29.63	0.00	56	35	45	21	3	9	320	29.76	0.00	56	38	51	29	3	6	334	29.84	0.00	54	36	50	02	1	10		
19	0	29.62	0.00	51	37	58	21	3	6	0	29.78	0.00	40	34	79	35	0	0	0	29.90	0.00	42	33	72	03	0	0		
22	0	29.65	0.00	50	40	69	25	0	4	0	29.81	0.00	36	33	87	35	0	0	0	29.94	0.00	39	35	85	03	0	0		
OCT 13										OCT 14										OCT 15									
01	0	29.95	0.00	41	36	81	27	0	3	0	29.98	0.00	38	36	94	01	0	0	0	29.69	0.08	46	42	88	13	0	2		
04	0	29.96	0.00	42	37	83	24	0	1	0	29.94	0.00	39	37	93	01	0	0	0	29.58	0.00	45	43	93	03	0	2		
07	0	29.99	0.00	36	33	89	24	0	0	0	29.92	0.00	36	34	93	01	0	0	0	29.49	0.06	44	42	94	03	1	6		
10	448	30.01	0.00	50	42	75	09	0	3	279	29.91	0.00	53	42	68	20	1	7	7	29.37	0.10	42	41	94	00	3	17		
13	758	30.01	0.00	57	40	54	31	2	7	489	29.85	0.00	61	43	51	21	4	15	28	29.25	0.08	42	41	94	35	7	21		
16	327	29.97	0.00	59	40	49	30	1	5	102	29.79	0.00	60	42	51	22	1	6	21	29.26	0.06	40	38	93	00	11	23		
19	0	29.98	0.00	41	35	81	01	0	0	0	29.77	0.00	53	42	67	21	0	7	0	29.35	0.19	36	34	93	35	4	13		
22	0	30.00	0.00	38	35	89	01	0	0	0	29.75	0.00	48	44	85	19	0	6	0	29.41	0.10	38	36	94	35	3	14		
OCT 16										OCT 17										OCT 18									
01	0	29.48	0.06	39	38	94	01	5	14	0	29.82	0.00	42	37	83	28	0	3	0	29.78	0.00	41	29	64	33	2	7		
04	0	29.53	0.00	40	39	95	34	4	11	0	29.77	0.00	37	34	90	26	0	3	0	29.79	0.00	35	29	76	24	0	1		
07	0	29.61	0.00	40	39	94	34	5	21	0	29.75	0.00	37	34	89	21	1	4	0	29.82	0.00	37	29	72	28	0	4		
10	88	29.69	0.00	42	40	94	35	3	9	121	29.72	0.00	43	38	82	22	4	8	169	29.85	0.00	42	31	65	27	3	9		
13	107	29.72	0.00	45	41	87	34	2	9	123	29.68	0.00	47	42	83	25	4	8	276	29.81	0.00	47	31	53	27	5	13		
16	84	29.76	0.00	46	41	81	34	1	9	146	29.68	0.00	54	43	66	29	7	14	98	29.80	0.00	48	27	44	30	5	13		
19	0	29.82	0.00	46	39	78	29	2	10	0	29.72	0.00	50	35	56	29	2	6	0	29.82	0.00	41	27	57	29	1	7		
22	0	29.84	0.00	44	38	79	31	0	5	0	29.76	0.00	48	32	53	32	7	16	0	29.84	0.00	42	28	56	26	2	9		

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.08	0.11	0.14	0.18	0.24	0.29	0.35	0.40	0.44	0.48	0.54	0.59
Ended: Date	27	27	01	01	01	01	01	01	01	01	01	01
Ended: Time	0338	0341	0847	0849	0854	0904	0923	0937	0931	0923	0935	0959

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 October 2010: Westford

Hour	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						
OCT 19									OCT 20									OCT 21									
01	0	29.86	0.00	37	28	69	24	0	5	0	29.81	0.00	41	35	81	19	4	10	0	29.58	0.00	48	36	63	19	4	13
04	0	29.83	0.00	31	26	83	21	0	2	0	29.80	0.00	43	36	77	20	1	8	0	29.47	0.00	49	36	59	19	6	19
07	0	29.84	0.00	33	27	80	20	2	6	0	29.81	0.00	43	36	76	21	3	6	0	29.38	0.00	48	38	68	18	4	13
10	369	29.86	0.00	42	32	68	21	4	11	134	29.82	0.00	46	37	72	20	2	12	18	29.38	0.09	44	41	88	20	5	13
13	239	29.82	0.00	47	33	59	24	2	9	540	29.75	0.00	55	39	56	17	6	17	63	29.44	0.07	41	39	93	21	0	5
16	116	29.79	0.00	48	36	63	20	1	10	297	29.70	0.00	57	38	49	21	5	13	49	29.47	0.00	44	41	91	22	4	9
19	0	29.80	0.00	41	35	78	19	1	5	0	29.67	0.00	47	34	59	20	0	4	0	29.60	0.00	39	30	72	30	7	15
22	0	29.81	0.00	40	35	82	20	3	8	0	29.64	0.00	47	33	58	20	1	8	0	29.65	0.00	34	25	67	26	3	11
OCT 22									OCT 23									OCT 24									
01	0	29.67	0.00	34	26	72	27	3	9	0	29.98	0.00	33	21	61	32	4	10	0	30.16	0.00	30	26	85	36	0	0
04	0	29.69	0.00	34	28	78	31	2	9	0	30.00	0.00	33	24	68	33	0	5	0	30.17	0.00	32	29	88	00	0	1
07	0	29.77	0.00	34	27	76	30	3	13	0	30.04	0.00	29	23	77	31	0	1	0	30.15	0.00	33	30	89	08	1	3
10	332	29.83	0.00	36	27	69	31	6	18	350	30.09	0.00	38	25	60	30	6	10	81	30.14	0.00	36	31	84	05	0	1
13	118	29.85	0.00	38	27	62	30	6	16	598	30.07	0.00	45	28	52	33	7	14	44	30.10	0.00	37	34	89	07	0	0
16	308	29.88	0.00	40	25	55	32	6	20	265	30.06	0.00	47	28	47	30	6	13	46	30.04	0.00	38	35	91	08	0	2
19	0	29.93	0.00	37	25	63	31	4	16	0	30.13	0.00	36	26	67	00	0	1	0	30.02	0.00	37	35	93	05	0	4
22	0	29.97	0.00	34	23	64	31	7	17	0	30.15	0.00	34	27	76	36	0	0	0	29.99	0.00	39	37	94	09	0	2
OCT 25									OCT 26									OCT 27									
01	0	29.95	0.00	39	37	94	10	0	0	0	29.72	0.00	55	53	95	20	0	4	0	29.71	0.00	65	58	79	20	4	13
04	0	29.89	0.00	36	35	95	10	0	0	0	29.74	0.00	55	54	96	20	0	6	0	29.68	0.05	61	60	94	15	1	8
07	0	29.87	0.00	43	42	96	21	0	5	0	29.77	0.00	56	54	95	19	2	7	0	29.70	0.00	63	61	94	19	3	9
10	49	29.86	0.00	48	46	93	02	0	3	338	29.81	0.00	62	58	87	21	3	10	97	29.77	0.00	56	53	91	09	0	2
13	207	29.80	0.00	57	49	74	18	6	15	248	29.79	0.00	68	58	70	18	3	15	197	29.74	0.00	60	54	80	09	0	2
16	47	29.74	0.00	59	48	68	19	3	9	118	29.77	0.00	68	58	71	22	6	14	232	29.71	0.00	68	54	61	22	4	7
19	0	29.75	0.00	54	51	90	20	3	16	0	29.74	0.00	64	56	75	19	3	8	0	29.72	0.00	56	51	81	22	1	6
22	0	29.73	0.00	55	53	93	20	2	9	0	29.70	0.00	66	57	74	18	4	11	0	29.72	0.00	53	48	84	20	1	7
OCT 28									OCT 29									OCT 30									
01	0	29.70	0.00	56	49	79	21	2	11	0	29.80	0.00	48	38	67	28	1	7	0	29.93	0.00	31	24	75	28	0	5
04	0	29.66	0.00	53	46	77	20	1	7	0	29.79	0.00	46	38	72	31	0	4	0	29.89	0.00	33	26	76	19	0	3
07	0	29.65	0.00	50	47	89	20	2	5	0	29.82	0.00	44	40	86	28	1	5	0	29.85	0.00	34	29	81	18	4	9
10	406	29.64	0.00	60	49	67	21	6	15	151	29.85	0.00	43	41	92	31	3	8	46	29.84	0.00	35	32	89	20	3	8
13	158	29.63	0.00	61	40	46	26	7	13	142	29.83	0.00	44	42	92	32	2	7	81	29.80	0.00	38	36	90	24	2	10
16	47	29.72	0.00	52	40	63	28	10	26	32	29.86	0.00	41	36	84	31	6	10	37	29.74	0.00	37	35	91	20	1	3
19	0	29.78	0.00	48	39	70	24	1	9	0	29.91	0.00	40	30	69	30	6	15	0	29.66	0.00	39	38	94	21	2	5
22	0	29.81	0.00	49	38	66	25	4	9	0	29.95	0.00	37	25	64	30	11	21	0	29.61	0.00	42	38	88	25	3	11
OCT 31																											
01	0	29.56	0.00	40	38	93	21	0	0																		
04	0	29.58	0.04	34	33	93	32	5	11																		
07	0	29.70	0.00	32	30	94	01	0	3																		
10	9	29.80	0.00	32	31	94	00	1	7																		
13	39	29.84	0.00	33	29	87	33	0	5																		
16	32	29.90	0.00	32	28	83	32	4	16																		
19	0	30.01	0.00	31	24	76	31	4	11																		
22	0	30.07	0.00	32	25	77	31	1	10																		

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

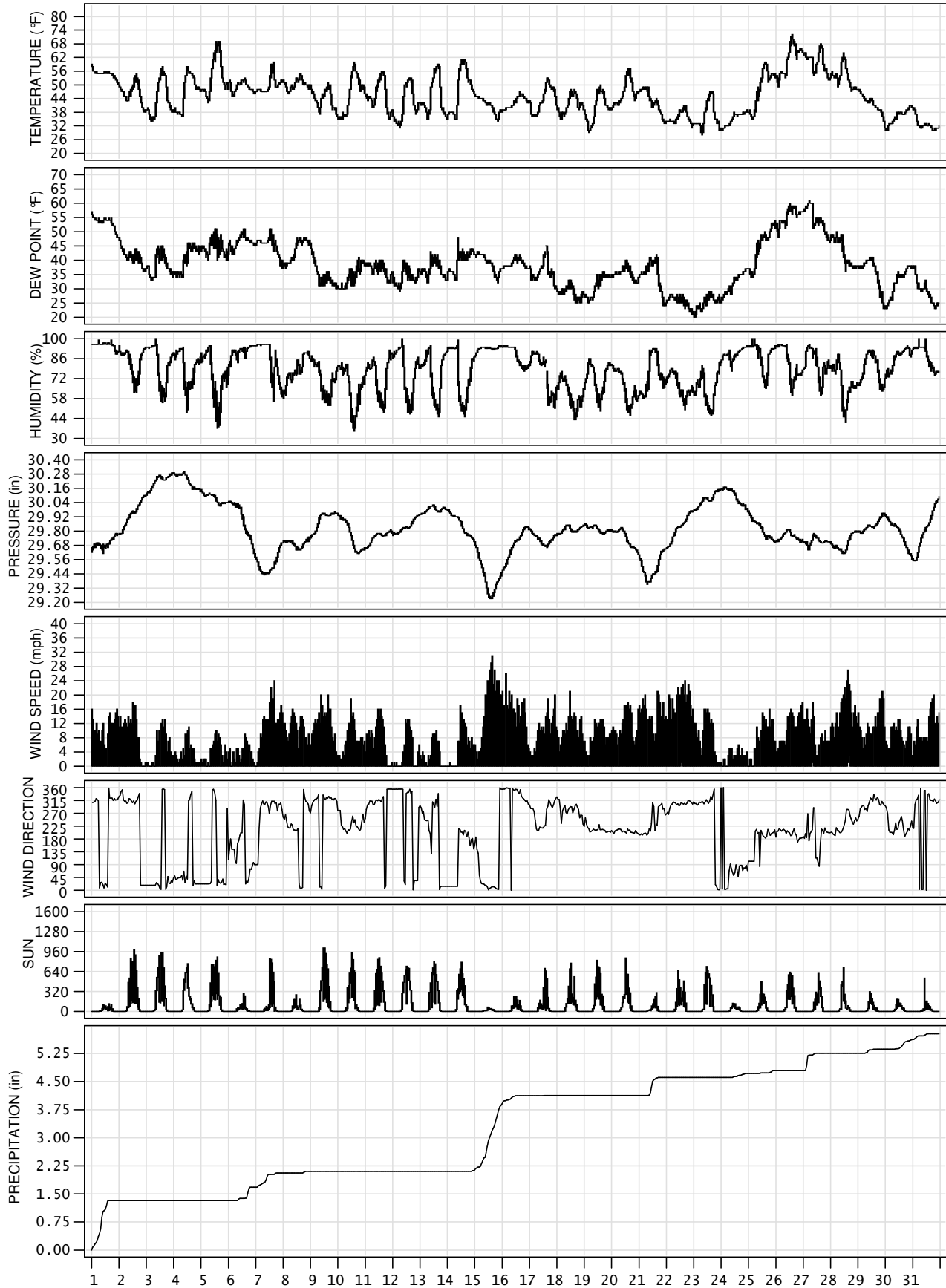
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01	0	29.824	44	38	82	1.4	27	0.8
04	0	29.812	42	38	85	1.1	30	0.6
07	1	29.826	41	38	87	1.5	24	0.8
10	227	29.841	46	40	80	2.5	26	1.4
13	306	29.818	51	41	71	3.2	29	1.9
16	143	29.803	52	40	67	3.6	30	2.3
19	0	29.830	45	38	77	1.6	29	1.0
22	0	29.844	44	37	78	2.1	29	1.5

HOURLY PRECIPITATION (Water Equivalent) October 2010: Westford

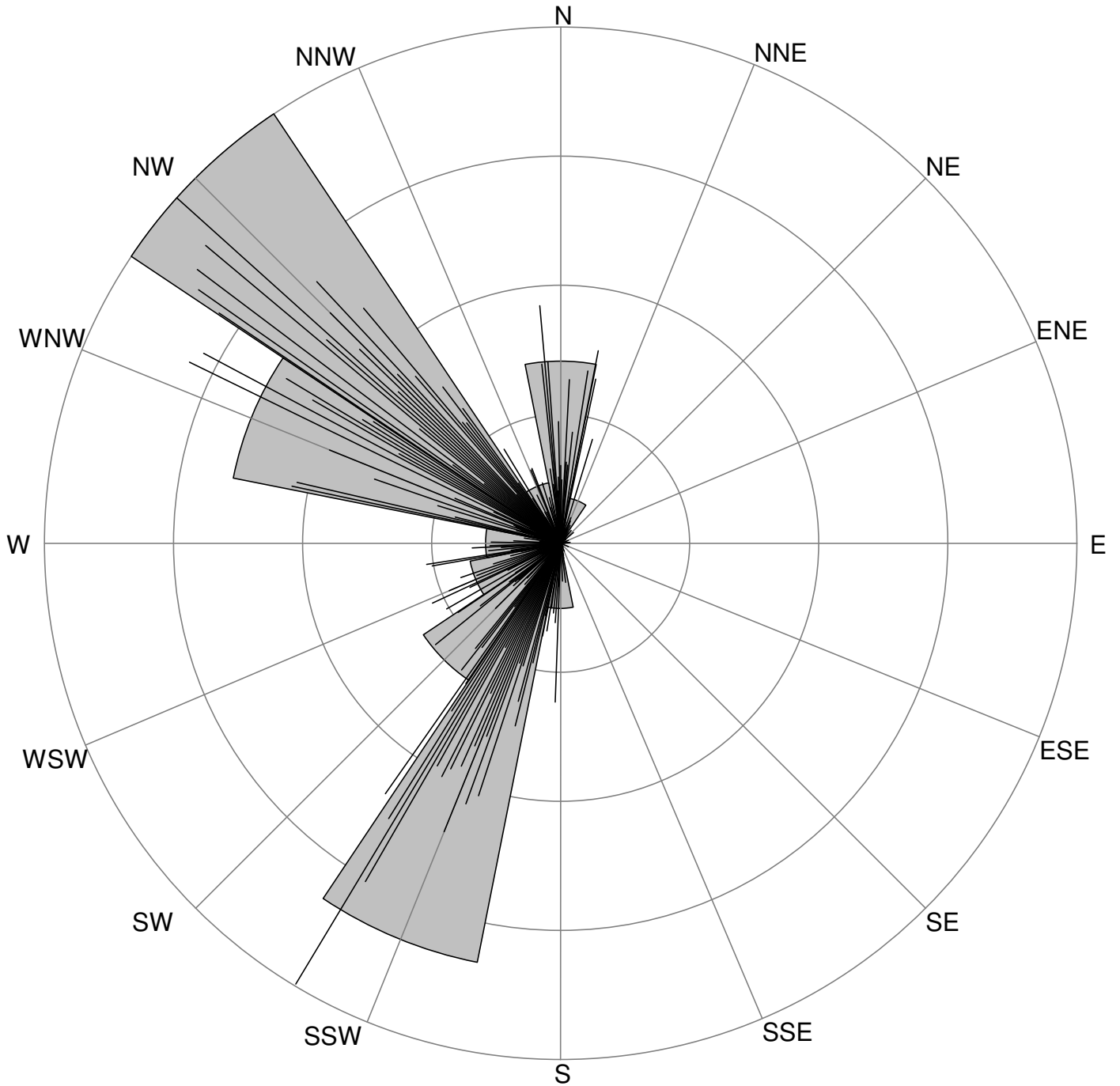
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date		
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12			
01	0.07	0.03	0.06	0.04	0.06	0.10	0.08	0.12	0.31	0.16	0.02	0.03	0.09	0.13	0.02									01			
02																									02		
03																									03		
04																									04		
05																									05		
06									0.04	0.02															06		
07		0.02	0.03	0.01	0.02	0.02	0.02	0.01	0.06	0.11	0.04				0.01		0.13	0.12	0.04						07		
08																0.02	0.02	0.02	0.02	0.01					08		
09																									09		
10																									10		
11																									11		
12																									12		
13																									13		
14																									14		
15	0.04	0.02	0.02		0.02	0.07	0.08	0.07	0.02	0.12	0.17	0.15	0.09	0.08	0.08	0.07	0.06	0.11	0.12	0.10	0.12	0.02	0.08	0.04	0.02	15	
16	0.06	0.02		0.02		0.02		0.03	0.03	0.01	0.01	0.01														16	
17													0.01													17	
18																										18	
19																										19	
20																										20	
21									0.01	0.07	0.14	0.16	0.04	0.02	0.03		0.01									21	
22																										22	
23																										23	
24										0.02	0.01				0.02	0.01		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	24	
25										0.01									0.02	0.01	0.03	0.01				25	
26																										26	
27			0.12	0.27	0.02				0.02	0.02	0.01															27	
28																										28	
29							0.01	0.01	0.04	0.03			0.01	0.01	0.01	0.04	0.04	0.05	0.01		0.02			0.02	0.01	0.01	29
30									0.01				0.02	0.02	0.04	0.04	0.05	0.01		0.02							30
31		0.02	0.03	0.03	0.01					0.01	0.02	0.02	0.01														31
Sum	0.17	0.11	0.26	0.37	0.13	0.21	0.19	0.24	0.54	0.55	0.44	0.39	0.27	0.26	0.20	0.12	0.27	0.28	0.21	0.15	0.16	0.14	0.05	0.07		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 October 2010: Westford



Wind Rose: October 2010
Westford



Maximum direction of wind: 37.1 miles from 312°
Maximum sector of wind: 417.1 miles from NW
1600.7 total miles of wind