

LOCAL CLIMATOLOGICAL DATA
Monthly Summary
June 2025

Station: Westford
Latitude: 44° 37' 38" N Longitude: 73° 02' 30" W Elevation (Ground): 850 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 9	Snow Cvr	Precip		Pressure			Wind							Solar Radiation	
	Maximum	Minimum	Average	Mean	Dew Point		Mean	Heating Base 65°F			Cooling Base 65°F	Water Equivalent	Ice Pellets Snow	Adj. to Sea Level			Avg	Res	Res	Peak		2 Minute		
														Maximum	Minimum	Mean				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	56.4	43.0	49.7*	48.7	44	83	15	0	.....	0	0.06	0.0	29.75	29.30	29.515	2.9	2.9	237	18	WSW	10	256	120	
2	70.3	45.7	58.0	55.6	46	73	7	0	.....	0	0.02	0.0	29.95	29.75	29.840	1.6	1.5	231	17	WSW	9	255	285	
3	77.8	40.6*	59.2	61.4	48	64	5	0	.....	0	0.00	0.0	30.09	29.95	30.031	1.2	1.2	179	14	WSW	6	180	291	
4	86.3	58.9	72.6	71.7	58	64	0	8	.....	0	0.00	0.0	30.07	29.93	30.008	1.6	1.6	179	17	SSE	8	180	294	
5	86.4	62.1	74.3	72.7	65	78	0	9	.....	0	0.00	0.0	29.95	29.89	29.926	1.1	0.8	218	15	WSW	7	234	267	
6	75.0	58.0	66.5	64.6	61	89	0	2	.....	0	0.51	0.0	29.94	29.80	29.880	0.2	0.2	234	9	WSW	4	249	112	
7	77.3	56.1	66.7	65.8	61	86	0	2	.....	0	0.00	0.0	29.81	29.71	29.760	0.3	0.2	292	12	WNW	6	254	210	
8	77.3	48.6	63.0	63.6	55	76	2	0	.....	0	0.00	0.0	29.86	29.79	29.823	0.4	0.2	245	9	W	5	258	254	
9	71.0	58.7	64.9	62.7	55	77	0	0	.....	0	0.03	0.0	29.87	29.79	29.837	1.4	1.3	149	18	SSE	7	173	132	
10	75.2	57.3	66.2	63.9	60	86	0	1	.....	0	0.24	0.0	29.84	29.69	29.763	1.5	1.4	184	18	SSE	9	177	150	
11	76.3	51.9	64.1	64.9	56	73	1	0	.....	0	0.00	0.0	29.91	29.81	29.873	2.1	2.0	219	18	W	10	241	271	
12	73.3	51.3	62.3	63.6	56	77	3	0	.....	0	0.25	0.0	30.05	29.78	29.889	2.2	2.0	251	22	WSW	12	254	270	
13	65.3	46.1	55.7	55.2	47	76	9	0	.....	0	0.00	0.0	30.17	30.04	30.126	0.6	0.5	262	12	WNW	6	261	251	
14	73.7	50.0	61.8	59.1	50	75	3	0	.....	0	0.02	0.0	30.15	30.06	30.109	0.8	0.4	312	11	N	5	235	275	
15	75.1	49.7	62.4	61.0	54	80	2	0	.....	0	0.00	0.0	30.13	30.07	30.106	0.5	0.4	220	10	WNW	6	270	210	
16	79.2	45.9	62.5	64.4	56	76	2	0	.....	0	0.00	0.0	30.13	29.95	30.054	1.0	1.0	191	14	W	6	235	278	
17	73.3	61.2	67.3	66.6	62	84	0	2	.....	0	0.00	0.0	30.00	29.84	29.925	2.3	2.3	181	26	S	7	196	134	
18	85.7	65.8	75.8	74.6	68	82	0	11	.....	0	0.00	0.0	29.84	29.73	29.784	1.9	1.9	183	16	SSE	8	173	285	
19	85.8	67.7	76.8	74.4	70	86	0	12	.3.....	0	1.02	0.0	29.74	29.43	29.598	1.5	1.5	185	23	W	11	264	176	
20	72.4	53.5	63.0	63.6	58	83	2	0	.....	0	0.43	0.0	29.91	29.41	29.644	3.2	3.0	247	28	SW	12	259	182	
21	81.1	51.6	66.3	66.7	57	74	0	2	.....	0	T	0.0	30.07	29.90	29.994	0.6	0.5	217	11	WSW	6	224	307	
22	83.4	64.9	74.2	72.3	68	87	0	9	.3.....	0	0.86	0.0	29.98	29.76	29.872	1.8	1.6	202	25	SSE	11	171	147	
23	94.5*	63.6	79.0	79.6	72	80	0	15	.....	0	0.00	0.0	30.00	29.87	29.949	1.3	1.2	210	14	S	6	216	299	
24	91.1	68.5	79.8*	79.1	73	81	0	15	.3.....	0	0.07	0.0	29.96	29.90	29.934	1.1	1.0	224	18	SW	8	234	215	
25	82.9	61.2	72.1	73.7	66	79	0	7	.....	0	0.00	0.0	30.06	29.93	29.989	0.3	0.3	304	11	WNW	5	269	253	
26	70.4	50.1	60.3	61.7	55	78	5	0	.....	0	T	0.0	30.19	30.05	30.109	0.2	0.2	12	8	N	3	13	155	
27	77.0	46.9	62.0	62.7	55	76	3	0	.....	0	0.00	0.0	30.24	30.00	30.146	1.2	1.2	179	28	S	9	195	241	
28	80.2	59.1	69.6	67.5	60	77	0	5	.....	0	0.73	0.0	30.00	29.80	29.885	2.9	2.9	184	31	SSE	12	175	153	
29	71.9	56.5	64.2	65.6	61	84	0	0	.....	0	0.00	0.0	29.97	29.83	29.918	1.6	1.6	258	17	WNW	9	260	156	
30	86.4	53.7	70.1	70.3	61	76	0	5	.....	0	0.00	0.0	29.99	29.77	29.903	0.7	0.7	201	14	S	6	175	307	
Sum		Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		Total	Total	For the month:										---	
2332		1648					59	105			4.24	0.0	30.24	29.30	29.906	1.3	1.0	212	31	SSE	12	259		
Avg	Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg			
77.7	54.9	66.3	65.9	59	78.6	----	----	≥.01 inch	12	24.48	107.4	27	1	-----	----	----	---	28	20	223				
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				7289	116	Thunder	3	Precipitation		Snow, Ice Plts											
≥ 90°F		≤ 32°F		≤ 32°F		≤ 0°F		----	----	Heavy Fog	0	1.45	19-20		0.0		-		0		-			
2		0		0		0		----	----	Clear	5	Partly Cloudy		17		Cloudy		6						

NOTES:
Units: Temperature=°F, Wind=mph, Pressure=Inches Hg, Precipitation=inches.
Column 4A: value is (MAX+MIN) ÷ 2.
Data in columns 4B, 5, 6, 15, 16, 23 are updated continuously, there by achieving a "true" mean.
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.

OBSERVATIONS AT 3-HOUR INTERVALS

June 2025: Westford

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		
JUN 01										JUN 02										JUN 03									
00	0	29.30	0.04	46	45	94	27	4	13	0	29.75	0.00	47	44	91	15	0	5	0	29.95	0.00	46	42	86	18	0	0		
03	0	29.33	0.00	44	43	93	22	1	7	0	29.78	0.00	46	44	91	18	0	4	0	29.98	0.00	44	40	88	18	0	0		
06	35	29.39	0.00	44	40	89	23	4	12	11	29.82	0.00	46	44	93	19	0	5	23	30.02	0.00	43	40	92	18	1	6		
09	167	29.46	0.00	46	41	81	24	6	17	510	29.84	0.00	55	49	79	22	4	12	533	30.06	0.00	62	48	59	19	2	9		
12	471	29.51	0.00	51	43	75	23	7	13	784	29.85	0.00	63	47	57	23	4	12	860	30.08	0.00	73	51	45	18	0	6		
15	487	29.56	0.00	55	47	75	25	4	11	965	29.82	0.00	68	46	46	24	1	10	712	30.04	0.00	77	54	45	22	3	7		
18	90	29.63	0.00	55	46	71	24	3	12	288	29.85	0.00	65	49	55	23	1	6	243	30.02	0.00	76	56	50	18	2	9		
21	0	29.71	0.00	50	45	82	22	3	12	0	29.90	0.00	53	46	76	20	0	3	0	30.04	0.00	63	52	66	17	0	4		
JUN 04										JUN 05										JUN 06									
00	0	30.05	0.00	62	51	69	18	1	4	0	29.95	0.00	67	60	79	17	0	6	0	29.94	0.00	63	59	88	01	0	0		
03	0	30.04	0.00	60	51	72	14	1	5	0	29.92	0.00	65	61	85	13	2	7	0	29.93	0.00	62	59	90	30	0	0		
06	39	30.07	0.00	60	52	73	16	0	10	35	29.93	0.00	65	61	87	18	0	4	14	29.92	0.00	59	57	94	32	0	0		
09	292	30.06	0.00	68	57	66	16	3	10	466	29.95	0.00	76	68	74	13	2	7	404	29.92	0.00	69	64	83	25	0	1		
12	860	30.03	0.00	79	62	57	17	3	13	840	29.93	0.00	83	70	64	18	3	12	650	29.89	0.00	73	66	80	22	1	5		
15	803	29.97	0.00	84	66	54	18	2	7	747	29.89	0.00	85	73	68	25	1	8	62	29.87	0.18	64	61	90	22	0	0		
18	334	29.93	0.00	85	65	51	11	0	6	74	29.92	0.00	74	66	76	30	0	6	54	29.84	0.00	64	62	93	17	1	6		
21	0	29.95	0.00	72	61	69	18	0	1	0	29.93	0.00	66	61	85	01	0	0	0	29.82	0.00	63	61	93	17	0	0		
JUN 07										JUN 08										JUN 09									
00	0	29.80	0.00	60	58	94	17	0	0	0	29.79	0.00	56	51	82	02	0	0	0	29.84	0.00	63	57	81	06	0	5		
03	0	29.77	0.00	59	57	95	17	0	0	0	29.80	0.00	51	48	90	02	0	0	0	29.86	0.00	62	55	79	10	0	7		
06	35	29.78	0.00	60	59	96	17	0	0	37	29.82	0.00	49	48	94	02	0	0	51	29.86	0.00	61	54	76	10	3	10		
09	169	29.78	0.00	64	62	96	17	0	0	485	29.86	0.00	65	60	82	03	0	2	267	29.85	0.00	63	52	67	17	3	14		
12	425	29.76	0.00	73	67	80	27	2	7	276	29.85	0.00	72	55	55	26	0	8	156	29.86	0.00	59	55	85	15	0	5		
15	779	29.72	0.00	75	68	77	25	1	8	731	29.83	0.00	76	58	55	31	1	4	206	29.83	0.00	65	57	77	15	1	11		
18	279	29.72	0.00	74	64	70	32	0	7	146	29.81	0.00	73	61	67	26	0	0	49	29.83	0.00	65	57	76	16	2	13		
21	0	29.76	0.00	61	57	86	00	0	4	0	29.82	0.00	63	56	78	26	0	0	0	29.81	0.00	61	56	84	17	0	5		
JUN 10										JUN 11										JUN 12									
00	0	29.79	0.00	62	57	83	14	4	12	0	29.84	0.00	58	52	82	19	1	4	0	29.81	0.00	63	56	78	17	1	6		
03	0	29.77	0.00	60	57	90	10	1	4	0	29.86	0.00	55	51	85	22	1	7	0	29.79	0.09	61	58	90	20	2	14		
06	7	29.76	0.00	61	58	90	18	1	9	30	29.88	0.00	53	50	90	18	1	7	18	29.82	0.00	61	58	91	22	1	14		
09	97	29.78	0.09	62	60	93	19	1	5	504	29.91	0.00	66	57	74	19	3	11	332	29.86	0.00	66	60	82	23	3	7		
12	274	29.77	0.00	65	62	91	17	1	8	988	29.90	0.00	73	60	65	20	3	12	983	29.88	0.00	71	61	69	25	3	14		
15	831	29.71	0.00	74	67	79	18	6	14	288	29.88	0.00	73	59	63	22	2	11	784	29.90	0.00	71	57	61	26	5	17		
18	81	29.73	0.00	68	64	85	23	1	8	313	29.86	0.00	75	58	56	21	5	8	357	29.95	0.00	65	54	68	24	2	13		
21	0	29.78	0.00	61	54	79	22	1	8	0	29.85	0.00	67	57	71	20	0	5	0	30.00	0.00	56	48	76	33	0	3		
JUN 13										JUN 14										JUN 15									
00	0	30.05	0.00	53	48	83	25	0	3	0	30.13	0.00	52	48	88	23	0	0	0	30.10	0.00	51	47	87	15	0	3		
03	0	30.08	0.00	49	45	84	26	0	6	0	30.14	0.00	51	48	90	23	0	0	0	30.11	0.00	50	48	92	17	0	0		
06	47	30.11	0.00	47	44	91	26	0	0	14	30.14	0.00	50	48	92	27	0	0	28	30.12	0.00	51	49	95	17	0	0		
10	255	30.16	0.00	54	46	77	35	0	3	504	30.15	0.00	58	53	83	33	1	5	309	30.13	0.00	62	57	84	18	0	5		
12	761	30.17	0.00	60	48	66	24	5	10	1076	30.11	0.00	67	53	60	04	1	8	983	30.11	0.00	69	61	76	23	2	4		
15	469	30.14	0.00	62	49	61	27	1	6	422	30.09	0.00	72	53	52	22	1	6	775	30.08	0.00	75	63	67	35	2	3		
18	294	30.13	0.00	63	48	57	23	2	6	343	30.06	0.00	70	51	51	24	3	11	338	30.07	0.00	74	57	55	25	2	5		
21	0	30.13	0.00	52	48	84	23	0	0	0	30.07	0.00	55	49	78	26	0	0	0	30.10	0.00	57	50	77	25	0	0		
JUN 16										JUN 17										JUN 18									
00	0	30.12	0.00	51	47	88	25	0	0	0	29.98	0.00	64	59	84	17	1	6	0	29.84	0.00	67	64	89	17	3	11		
03	0	30.12	0.00	47	44	90	25	0	0	0	29.98	0.00	64	59	85	18	3	11	0	29.83	0.00	66	63	90	18	2	10		
06	26	30.12	0.00	47	45	94	25	0	0	30	29.96	0.00	61	57	85	16	2	8	53	29.82	0.00	66	63	91	18	2	8		
09	533	30.12	0.00	68	58	71	25	0	3	255	29.97	0.00	67	61	81	17	2	14	236	29.82	0.00	73	68	84	18	3	11		
12	981	30.07	0.00	77	65	66	20	3	11	248	29.94	0.00	70	64	81	13	3	14	875	29.78	0.00	81	73	77	18	2	10		
15	847	30.01	0.00	79	61	55	19	4	12	376	29.90	0.00	73	66	79	23	3	14	738	29.75	0.00	84	73	71	13	3	11		
18	207	29.99	0.00	77	64	64	16	0	9	104	29.87	0.00	68	63	86	17	2	12	357	29.73	0.00	84	73	71	17	3	12		
21	0	29.97	0.00	64	59	82	20	0	0	0	29.85	0.00	67	63	87	22	3	13	0	29.74	0.00	73	69	86	18	1	5		

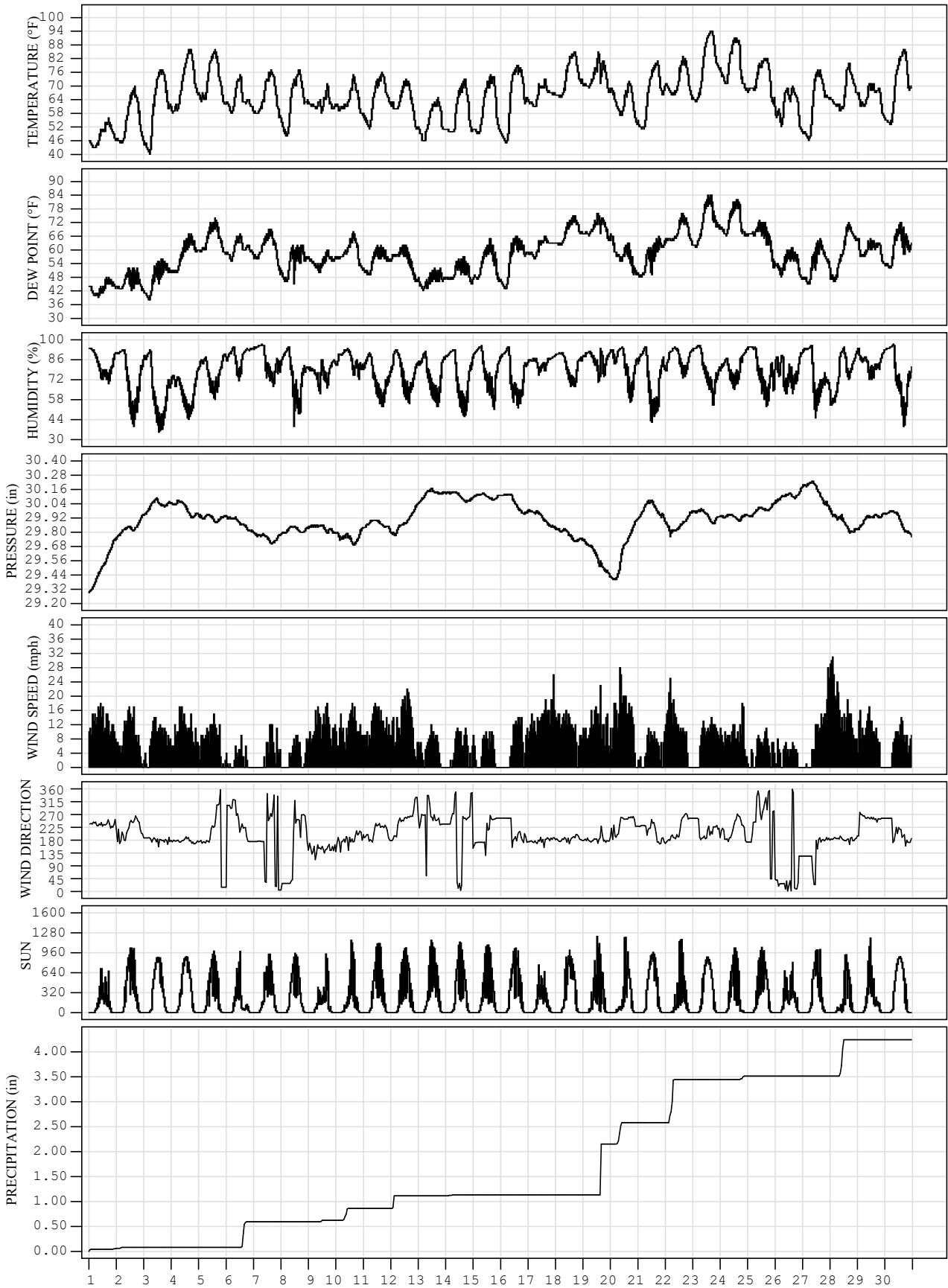
HOURLY PRECIPITATION (Water Equivalent)

June 2025: Westford

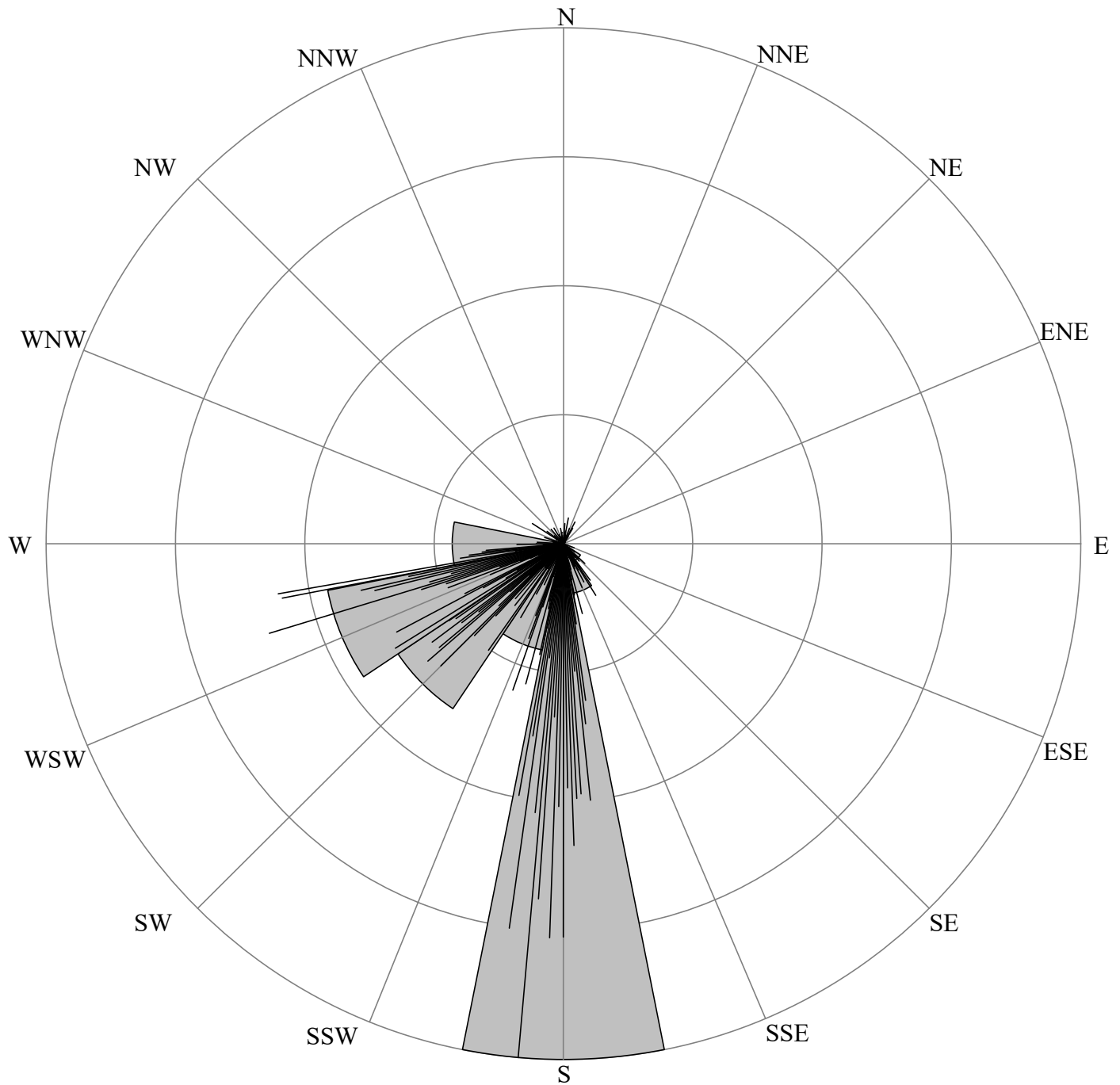
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01	0.03	0.01																							01
02				0.01	0.01																	0.01		0.01	02
03																									03
04																									04
05																									05
06														0.02	0.26	0.18	0.04	0.01							06
07																									07
08																									08
09											0.01	0.02													09
10							0.02	0.06	0.05	0.10	0.01														10
11																									11
12		0.02	0.23																						12
13																									13
14			0.01			0.01																			14
15																									15
16																									16
17																									17
18																									18
19																1.02									19
20						0.01	0.05	0.16	0.15	0.06															20
21																									21
22				0.14	0.08	0.21	0.42	0.01																	22
23																									23
24																	0.02			0.04	0.01				24
25																									25
26																									26
27																									27
28									0.06	0.15	0.34	0.18													28
29																									29
30																									30
Sum	0.03	0.03	0.24	0.15	0.09	0.23	0.49	0.23	0.26	0.31	0.36	0.20	0.00	0.02	0.26	1.20	0.04	0.03	0.00	0.04	0.01	0.01	0.00	0.01	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
 June 2025: Westford



Wind Rose: June 2025
Westford



Maximum direction of wind: 37.2 miles from 185°
Maximum sector of wind: 384.6 miles from S
959.2 total miles of wind