



Santa Fe Trail Ranch

Climatological Data
for

2011

The climatological data in this document represents a compilation of the Weather Stats pages from the original Santa Fe Trail Ranch web site and continuing data collection since moving to the new SFTR web site.

Until April 2012, longtime resident Walt Wolff collected and posted daily weather data. But the wintery weather and work associated with maintaining the beautiful Loma Lobo property caused Joyce and Walt to switch to part-time status. Walt gave Robert L. Scott the weather equipment and Bob posted the weather updates until his equipment failed in January 2018. Since then, the data has come from the StargateColorado weather station (same type of equipment that Walt/Bob used) maintained by Ernie Parker / Sharon Sorenson.

The data is broken into two sections: the charts in the first section are a synopsis of the weather on the Ranch. For more detailed data (and an aid to help you sleep!), see the monthly climatological tables in the second section.

Notes:

- The StargateColorado weather station is at the south end of the Ranch and at a higher elevation than the station maintained by Walt Wolff & Bob Scott. As a result, you will find that, on average, the temperature readings will be slightly lower, and the precipitation readings will be slightly higher than those reported by Bob/Walt's stations.
- The data shown on the various pages starts at a high level and gets more detailed the further down you go.
 - The highest-level charts show the precipitation, snow, temperature, and winds for the entire year.
 - The middle-level charts show the temperature and winds for each month of the year.
 - The lowest-level tables provide all the data collected by the weather station.
 - The snow data has only been collected since 2015 by Ernie / Sharon and does not come from the weather station.
 - What's the definition of "Mean Temperature"? Unlike most weather information, where the "Average Temperature" is just the average of the highest and lowest temperatures of the day, the weather station captures the temperature every 15 minutes, collecting 96 readings per day. The "Mean Temperature" is the average of all 96 readings, giving you a more accurate value.
- Prior to 2022, the times shown in the climatological tables are based on a 12-hour (AM/PM) clock. Starting in 2022, the times listed are based on a 24-hour clock. The data collection program suddenly switched modes.

Enjoy!!

--Ernie Parker

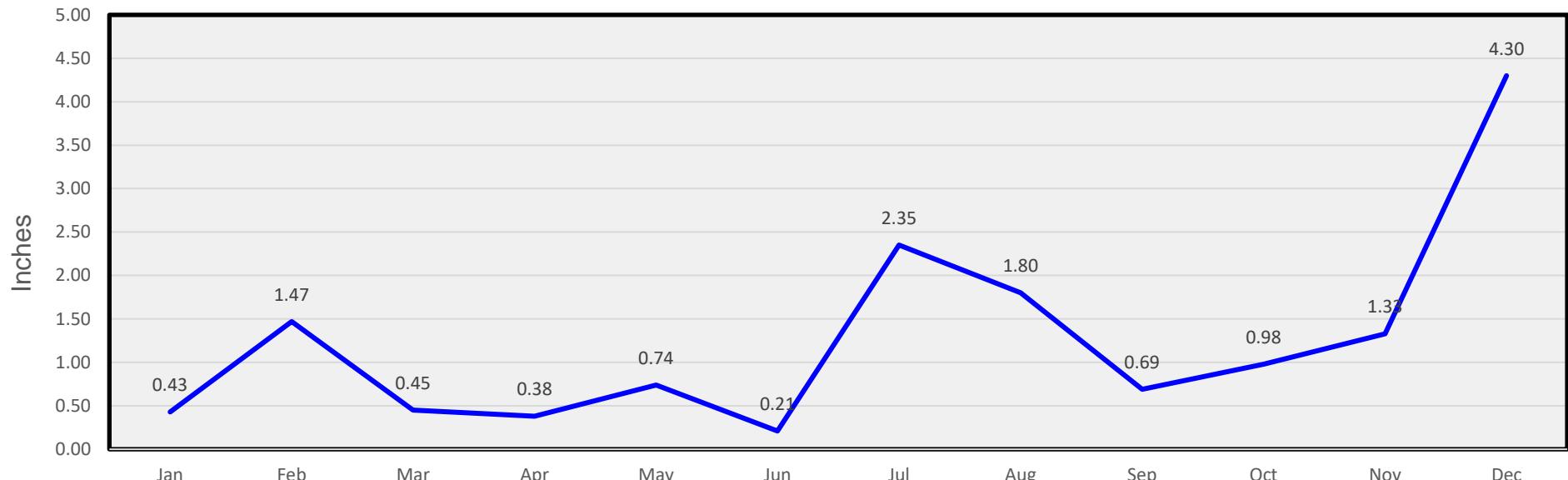
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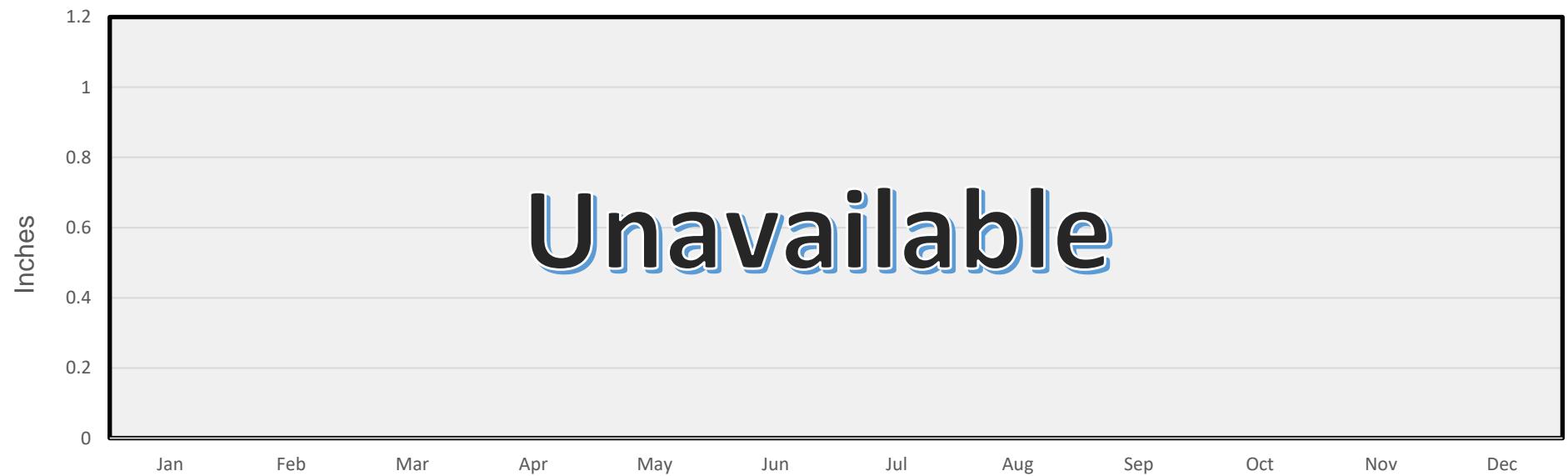
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Charts

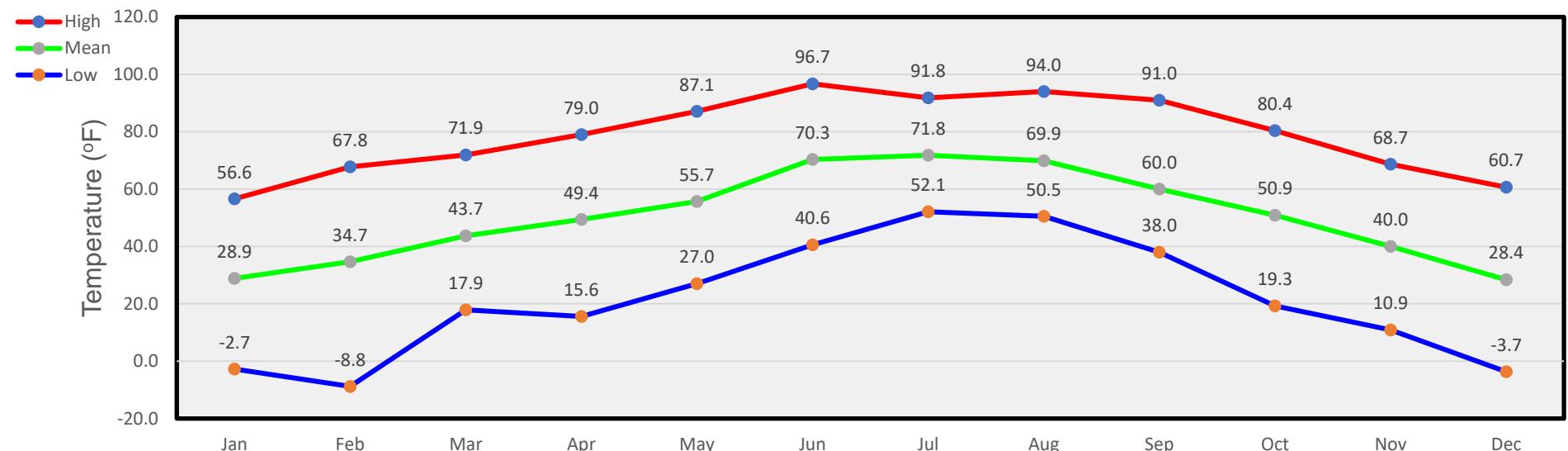
Monthly Precipitation



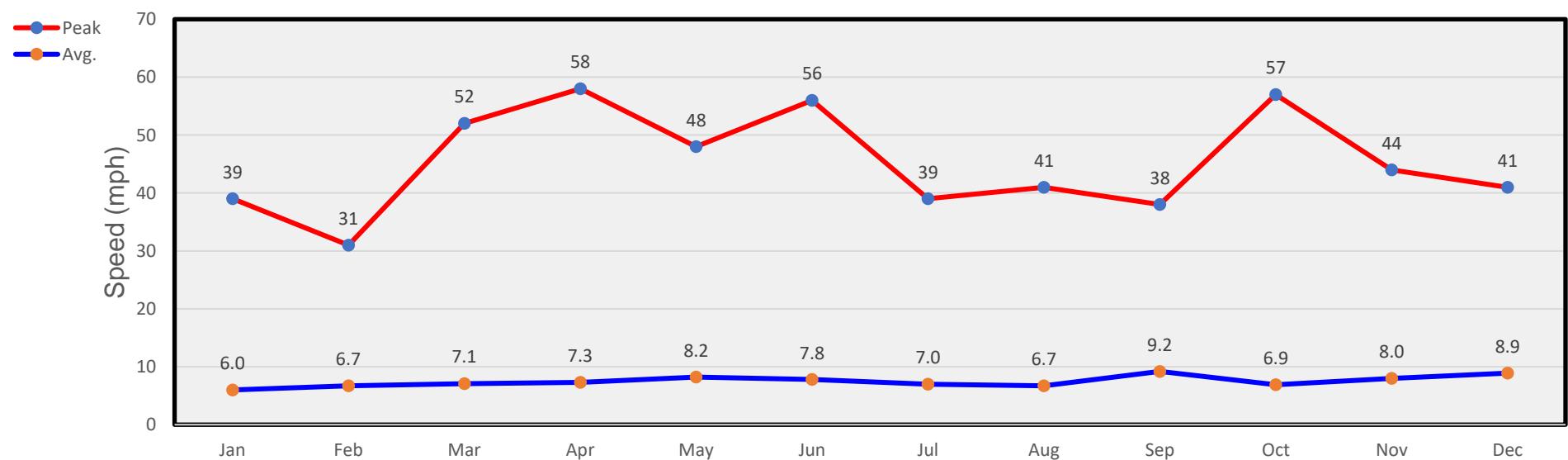
Monthly Snow



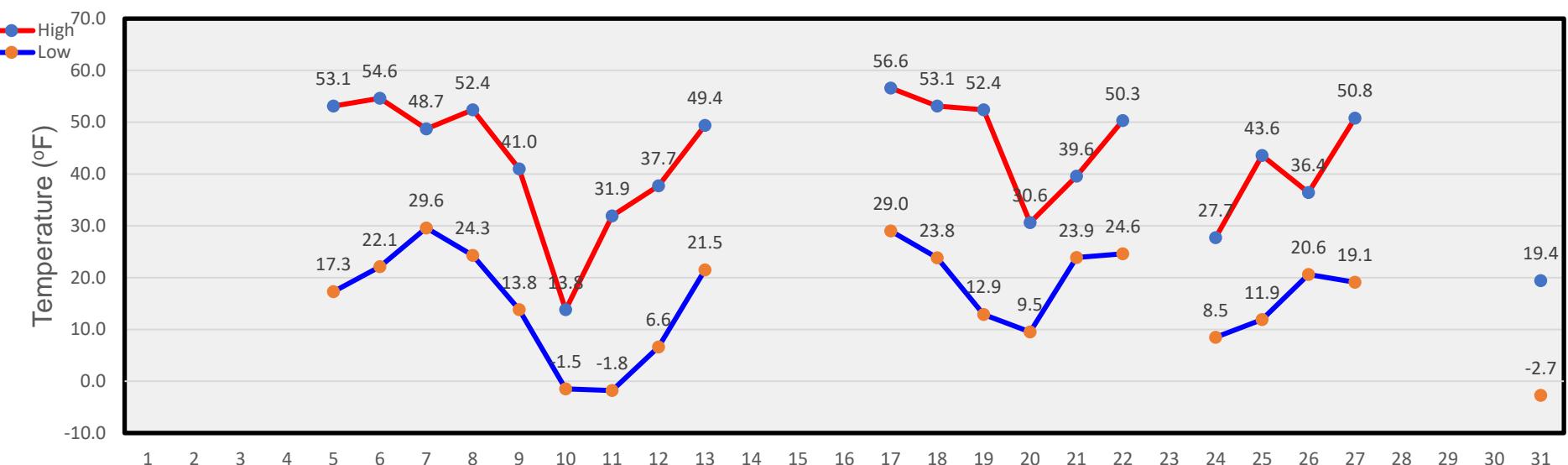
Monthly Temperatures



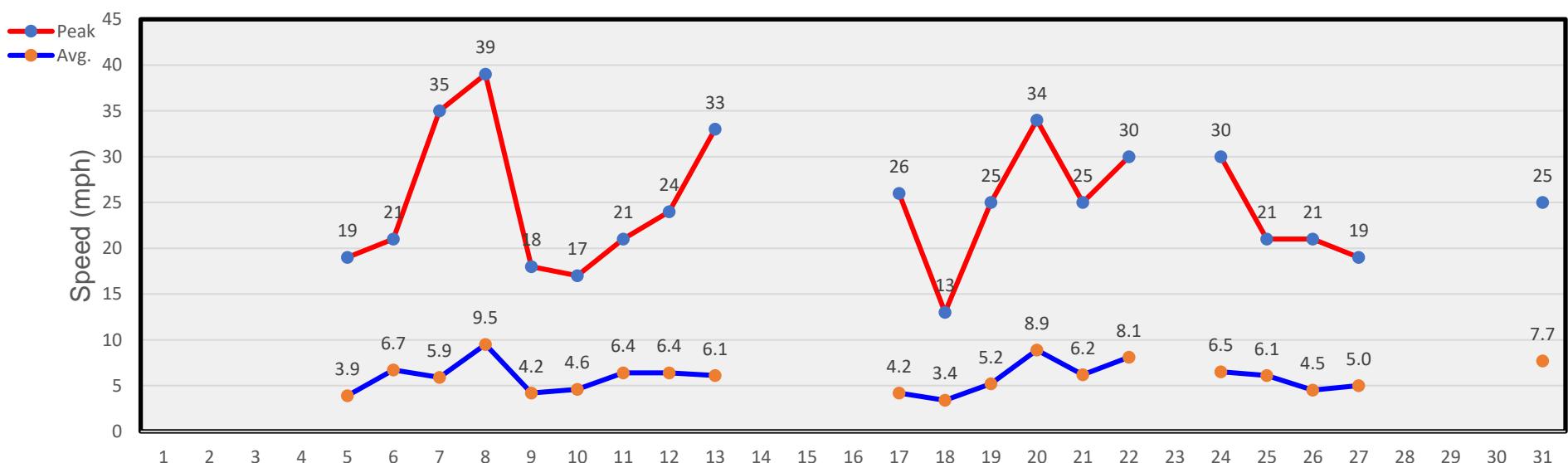
Monthly Winds



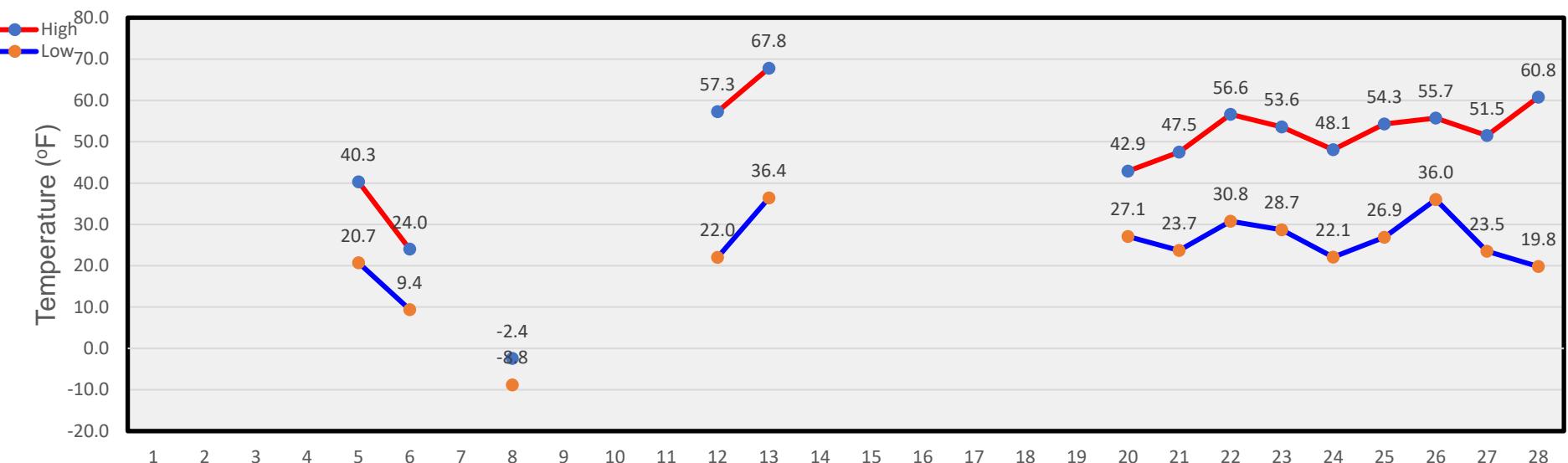
January Temperatures



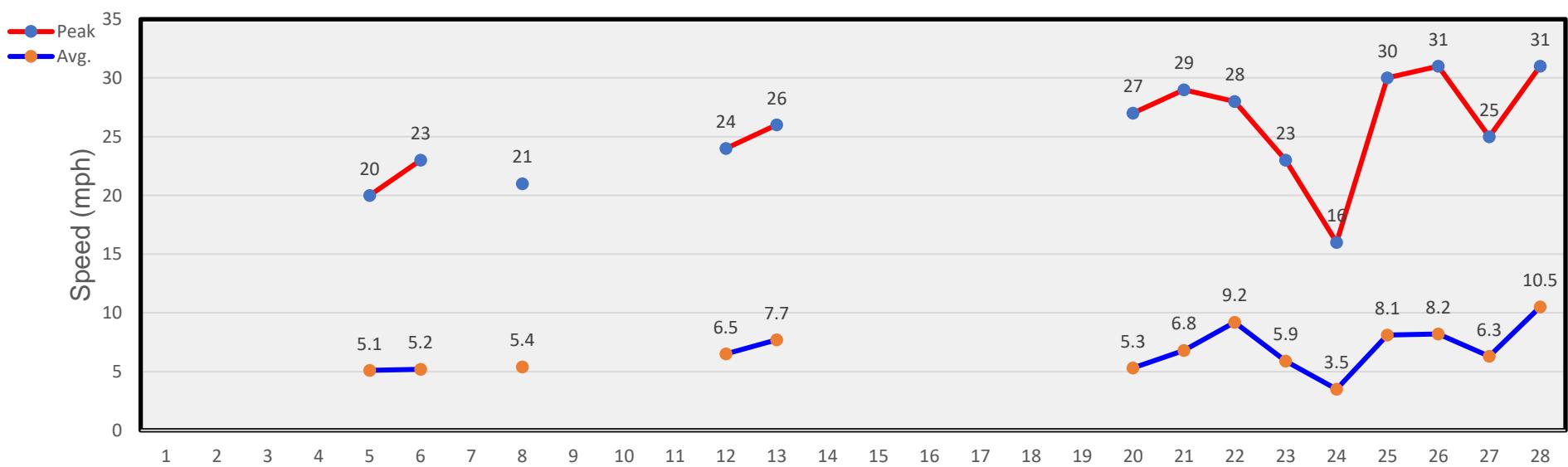
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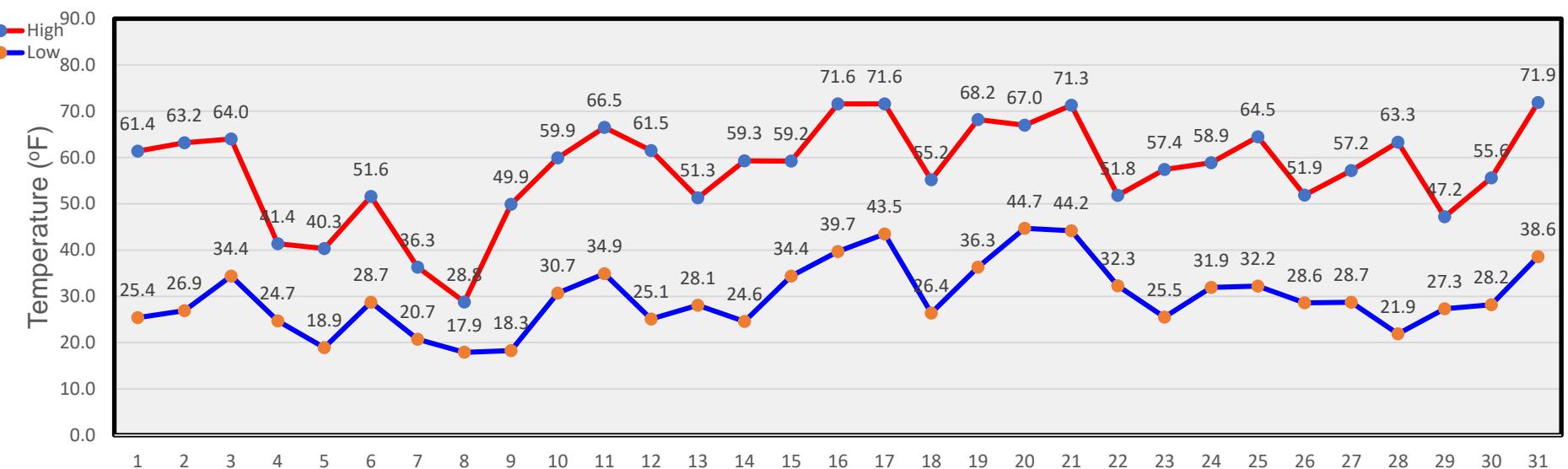
February Temperatures



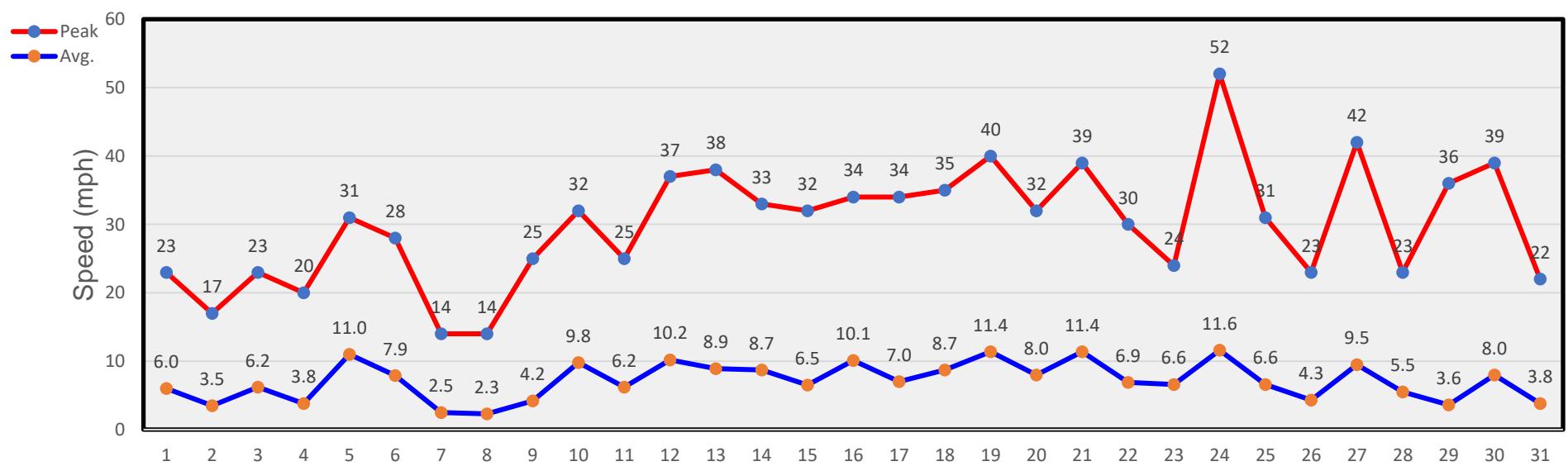
February Winds



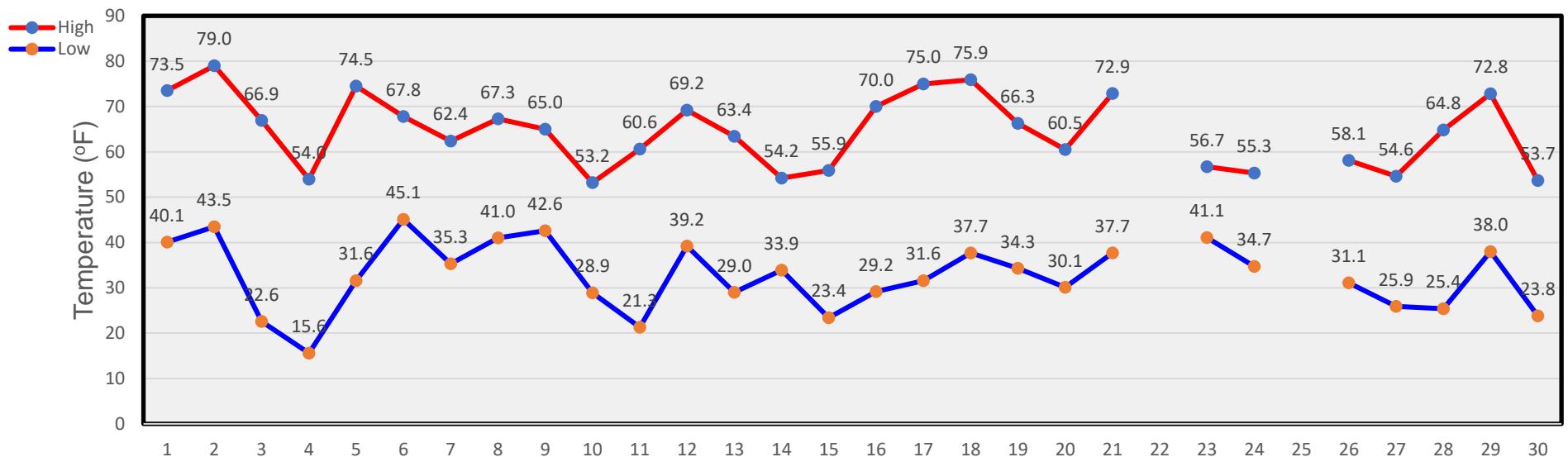
March Temperatures



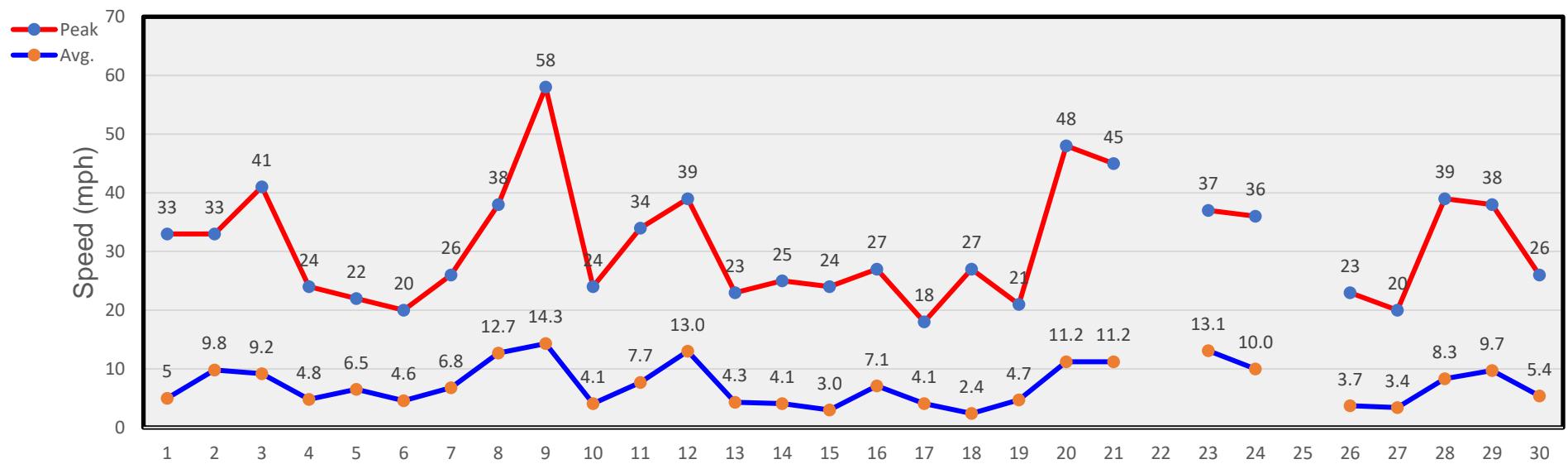
March Winds



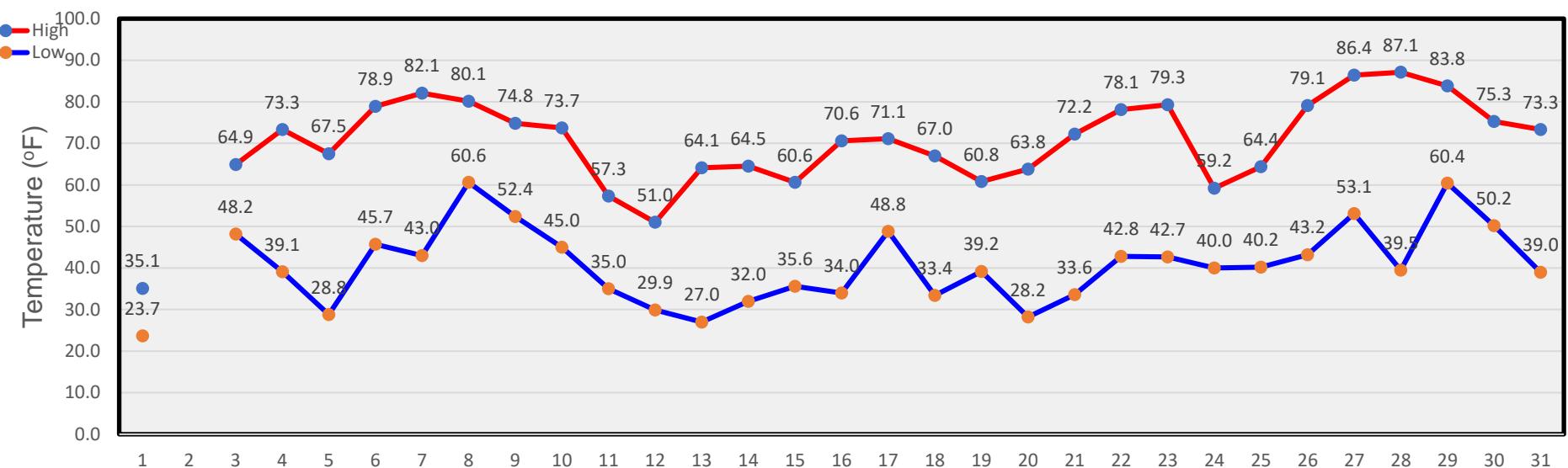
April Temperatures



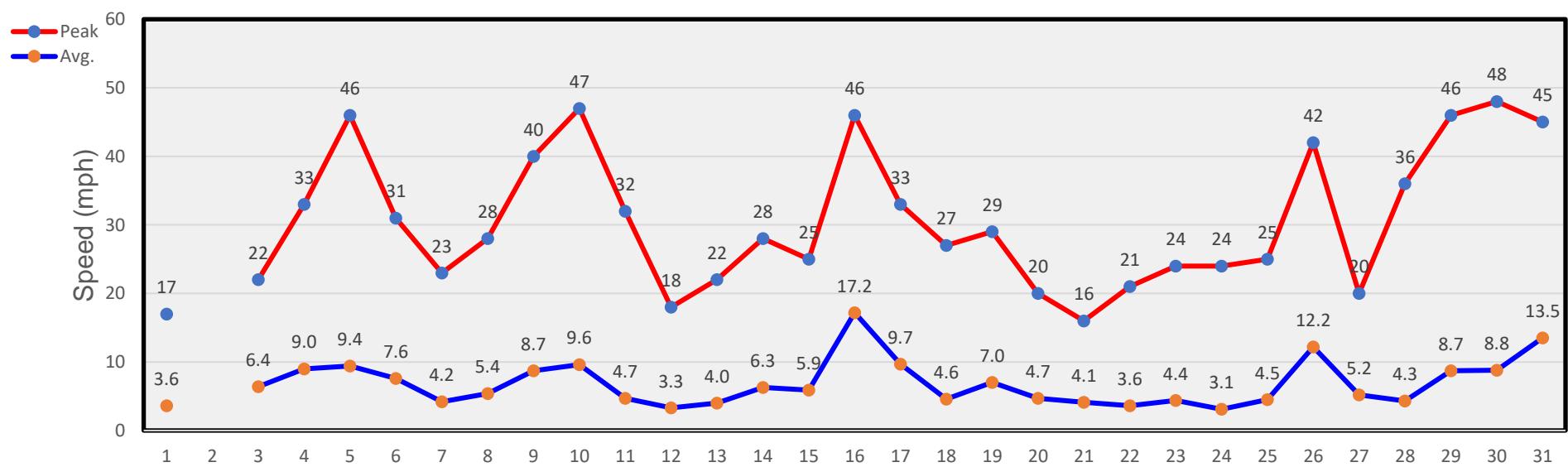
April Winds



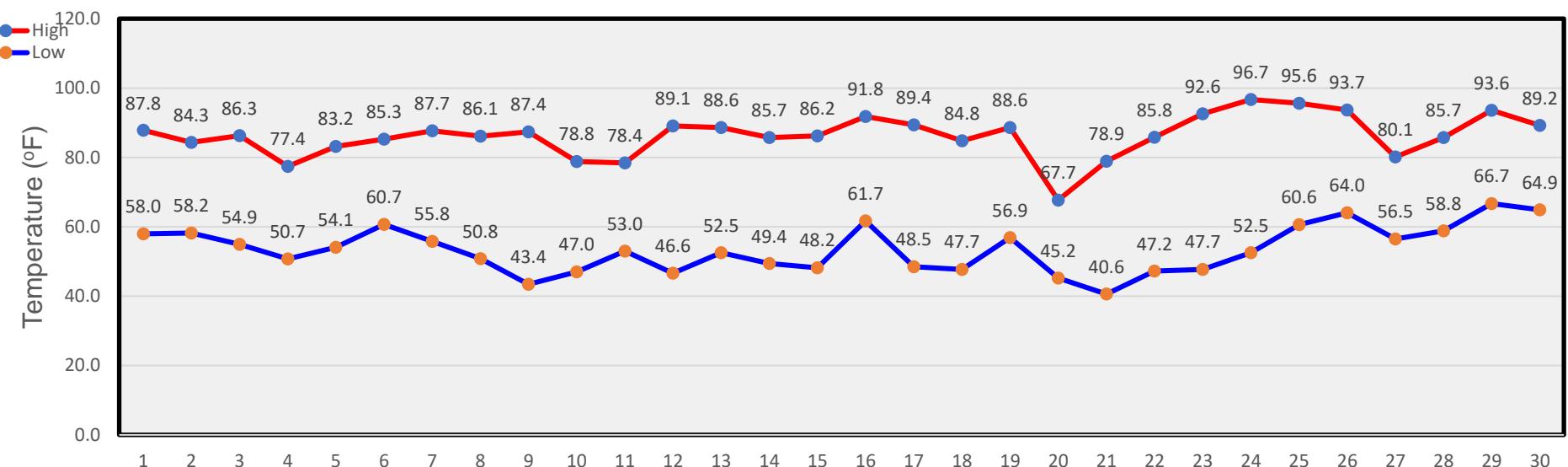
May Temperatures



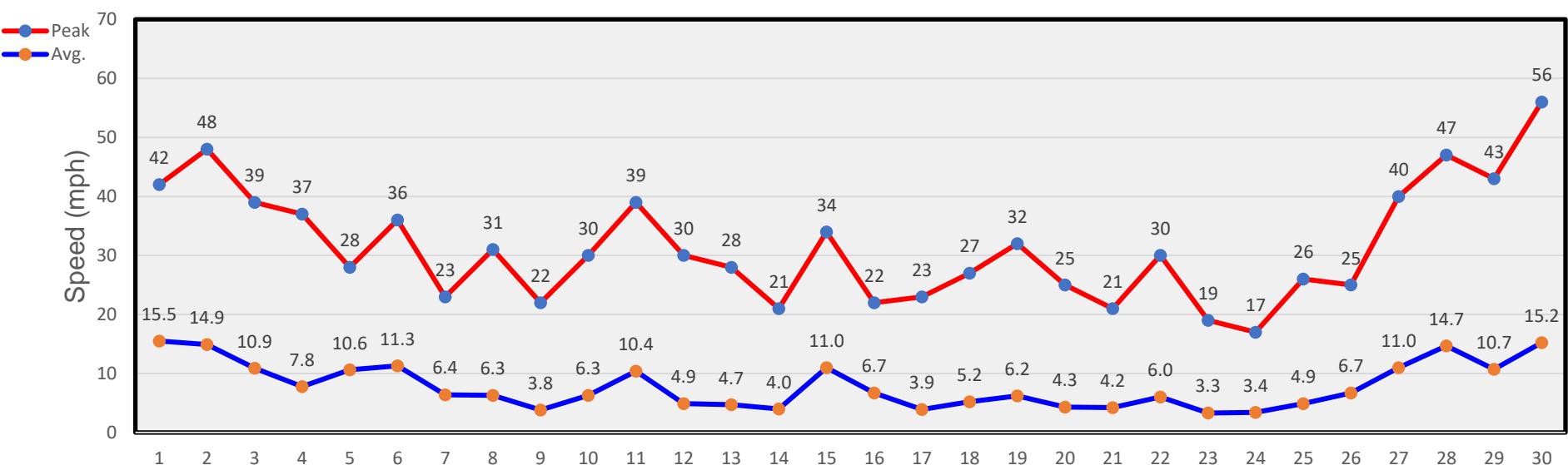
May Winds



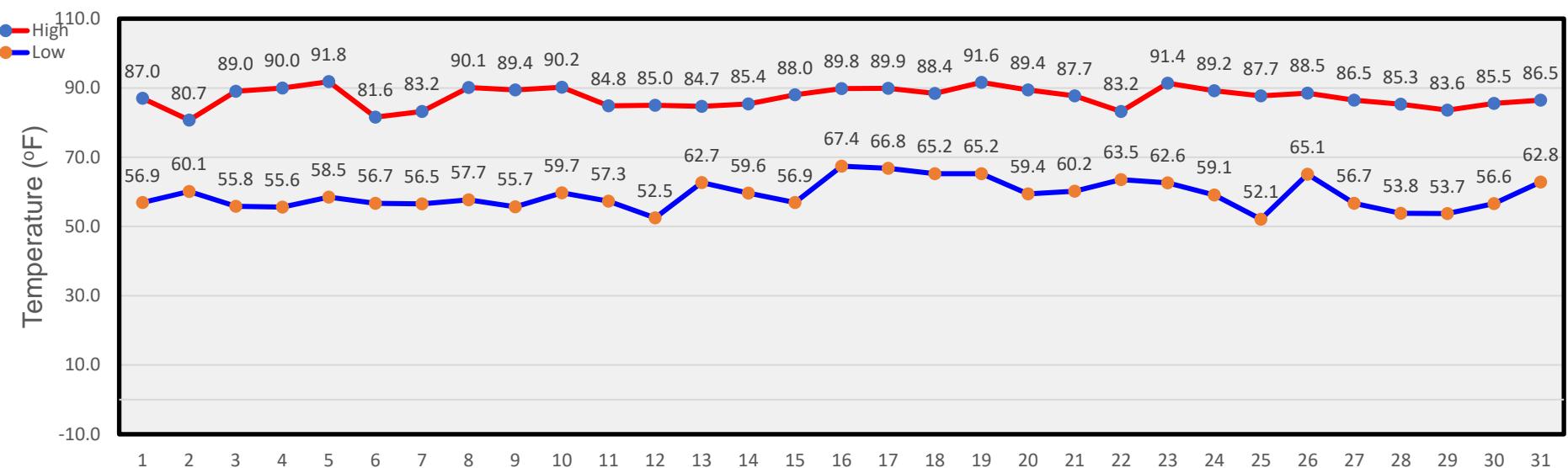
June Temperatures



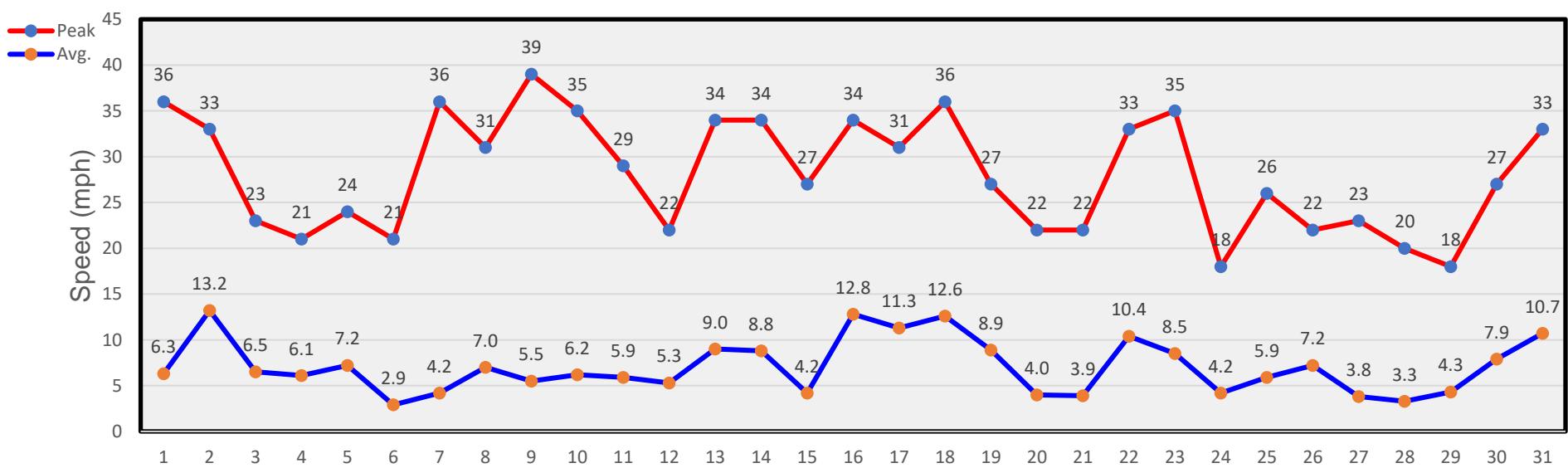
June Winds



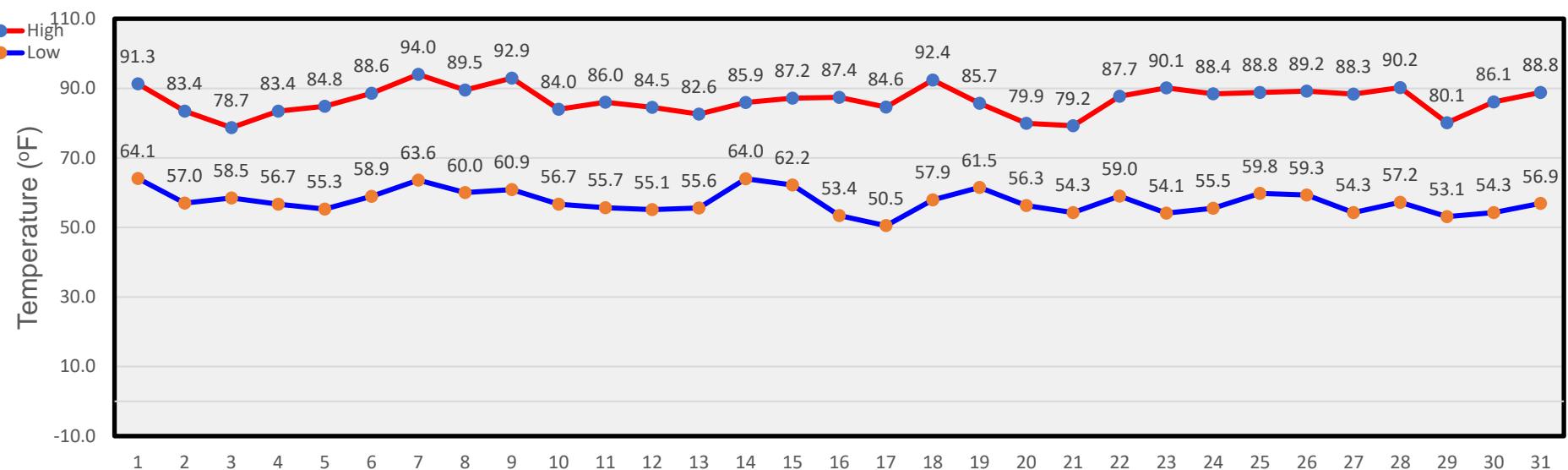
July Temperatures



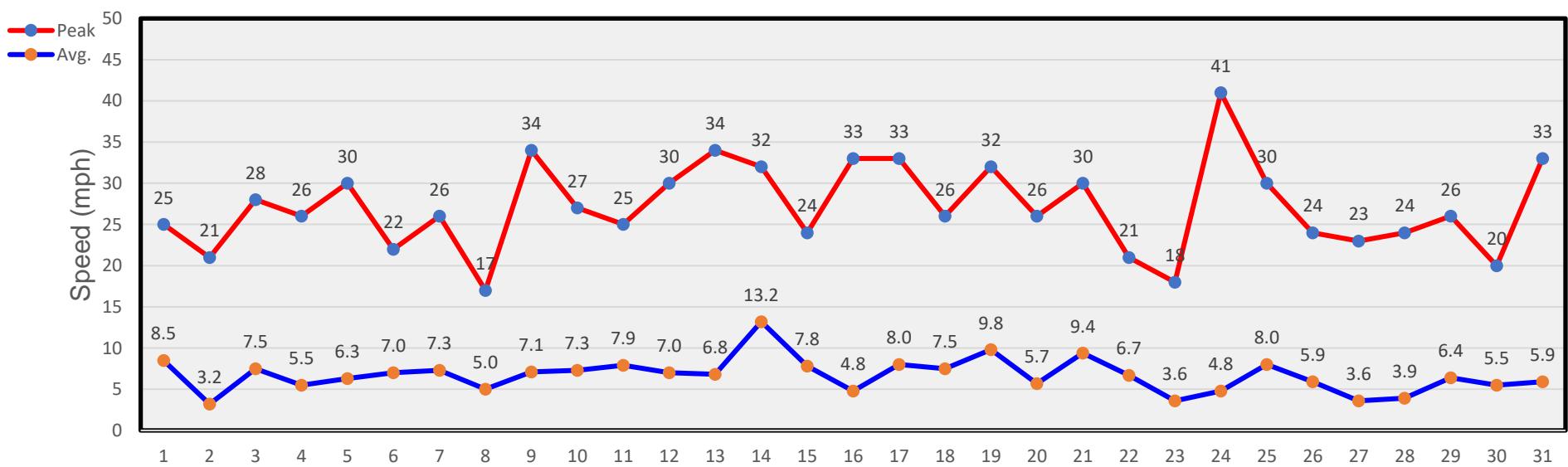
July Winds



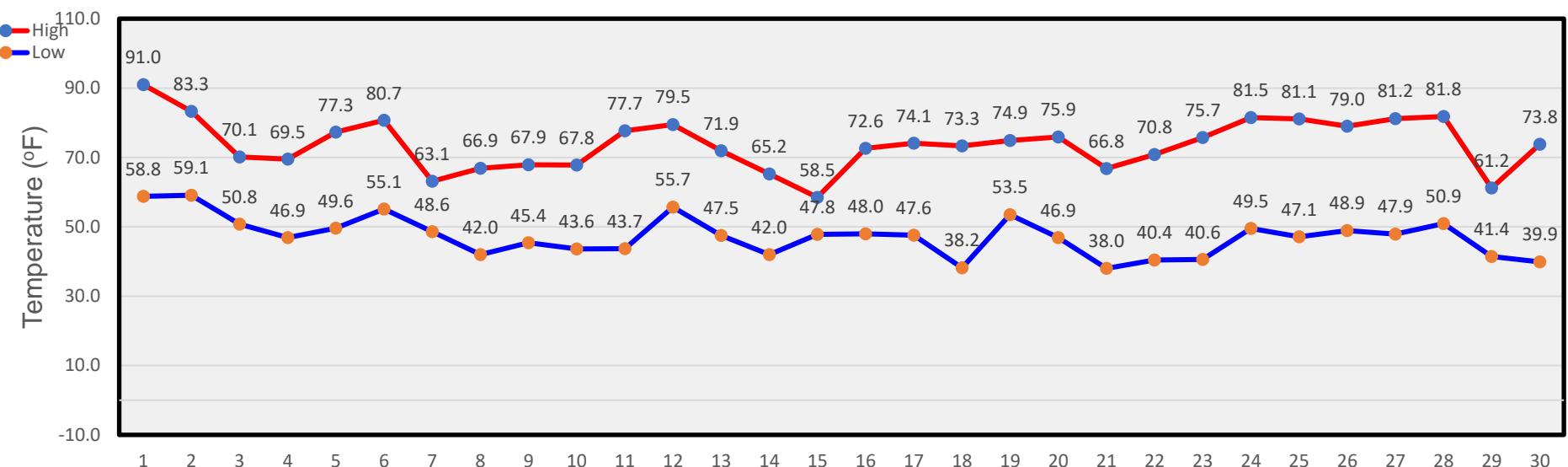
August Temperatures



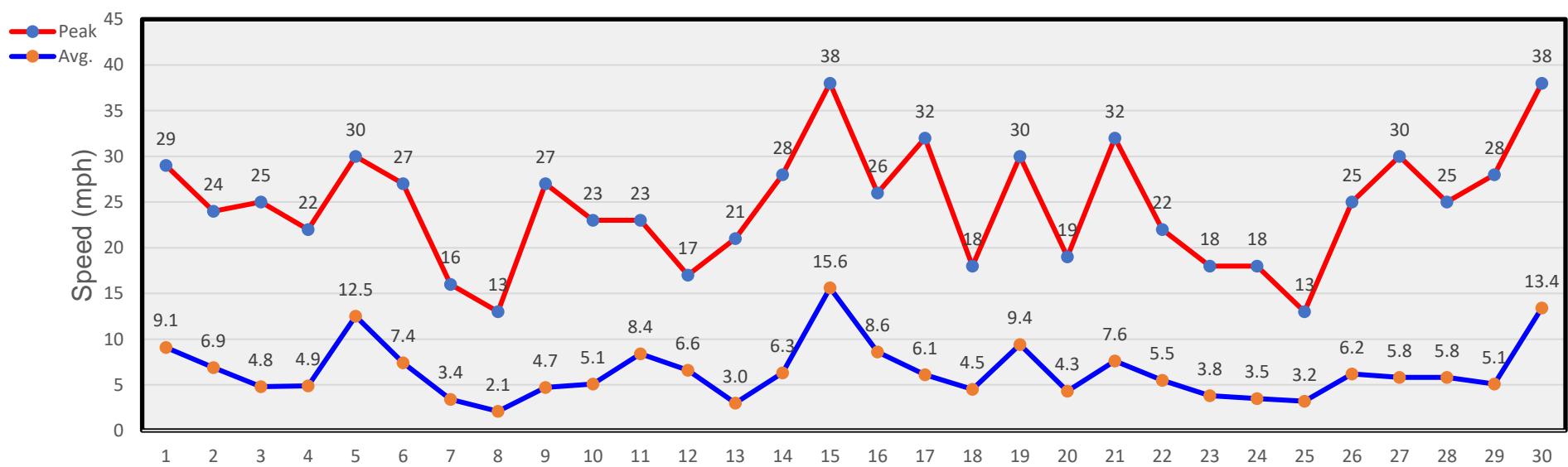
August Winds



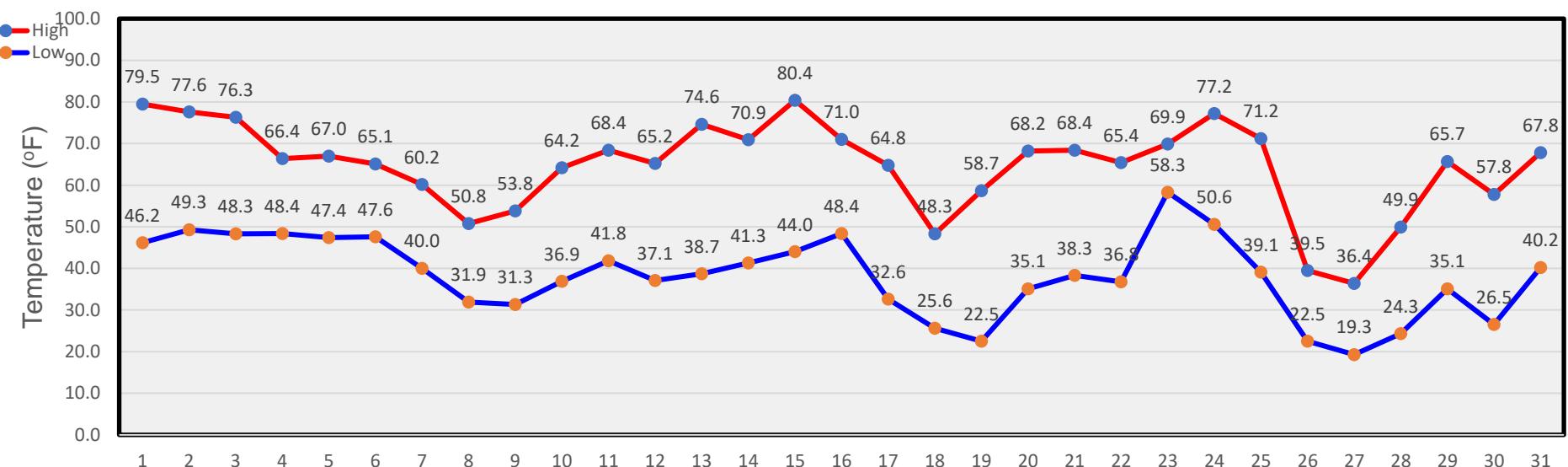
September Temperatures



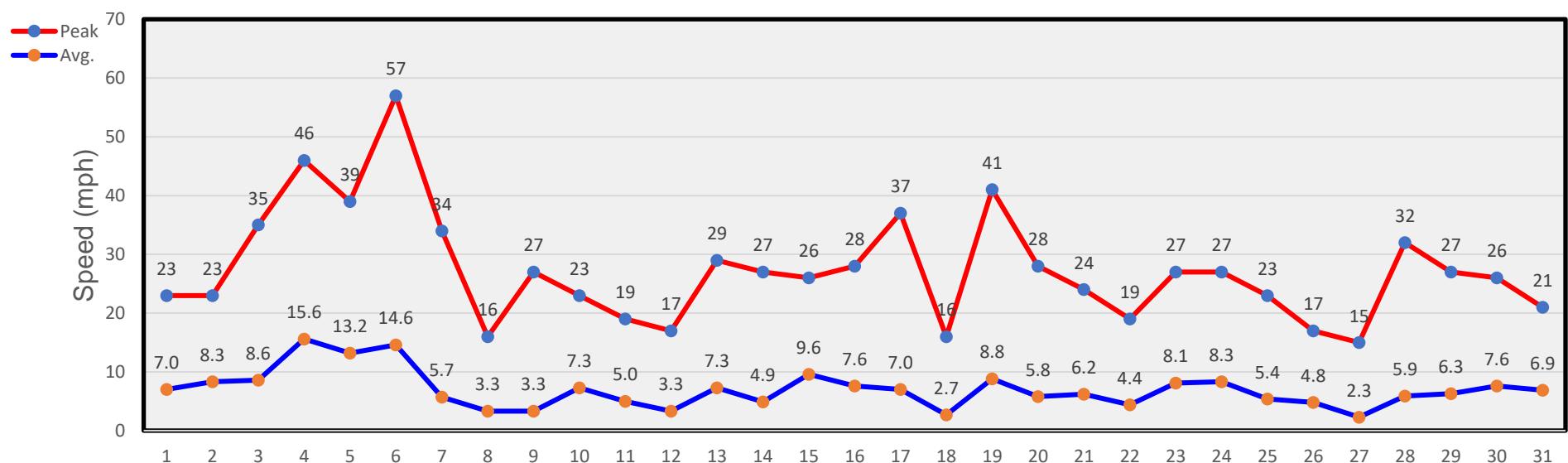
September Winds



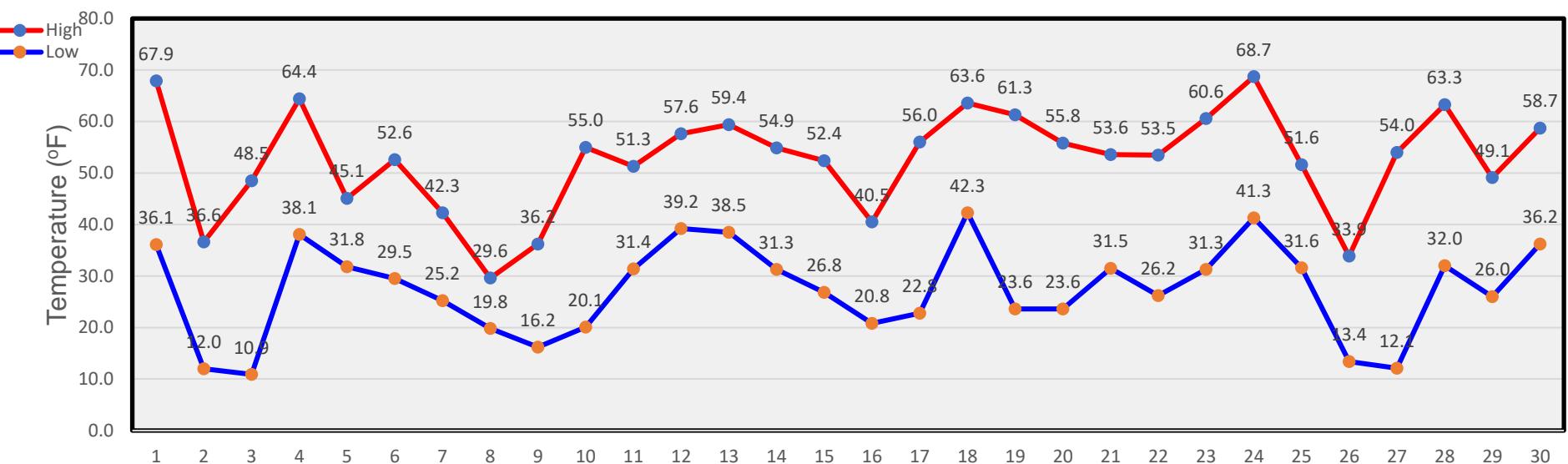
October Temperatures



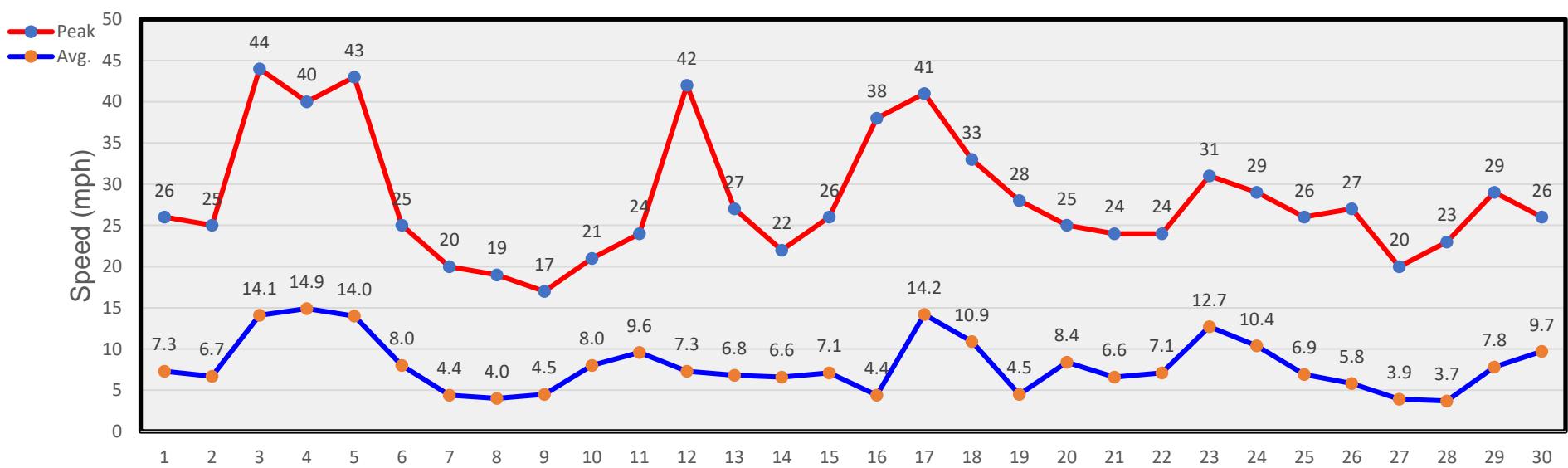
October Winds



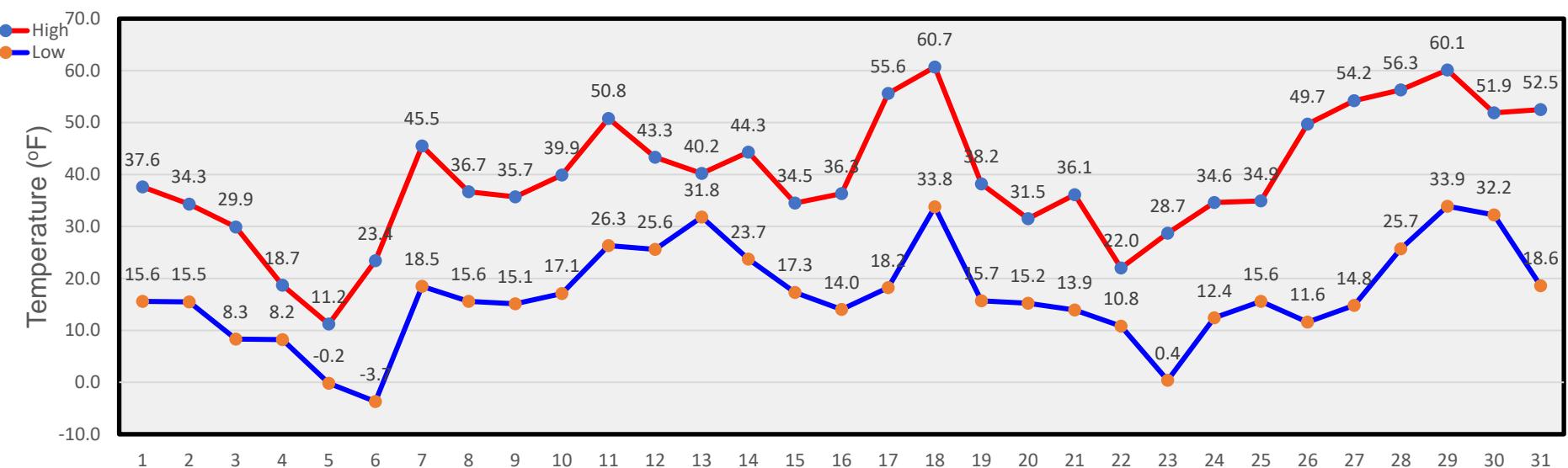
November Temperatures



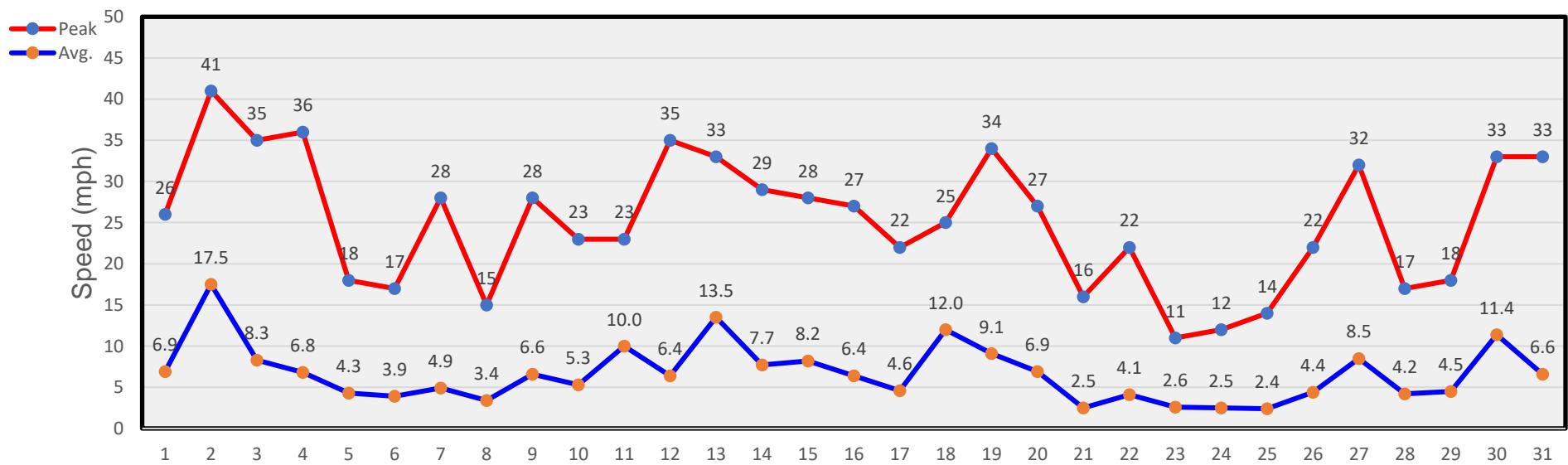
November Winds



December Temperatures



December Winds



Tables

January

Day	Mean Temp.	High Temp.	High Temp. Time	Low Temp.	Low Temp. Time	Heat Degree Days	Cool Degree Days	Precip.	Average Wind Speed	Peak Wind Speed	Peak Wind Time	Wind Dominant Direction
1												
2												
3												
4												
5	33.5	53.1	1:05p	17.3	6:40a	29.8			3.9	19	1:50p	SE
6	38.7	54.6	1:25p	22.1	12:30a	26.7			6.7	21	2:00a	SSE
7	37.7	48.7	12:30p	29.6	4:25a	25.8			5.9	35	11:15p	SE
8	36.3	52.4	1:15p	24.3	11:20p	26.7			9.5	39	1:30a	SE
9	26.6	41.0	9:20a	13.8	12:00m	37.6			4.2	18	2:10p	NW
10	5.5	13.8	12:05a	-1.5	10:15p	58.8	0.15	4.6	17	1:20a	NNW	
11	14.7	31.9	2:25p	-1.8	4:00a	49.9			6.4	21	6:05p	SE
12	22.5	37.7	2:05p	6.6	6:05a	42.9			6.4	24	7:55p	SSE
13	35.8	49.4	4:20p	21.5	6:25a	29.5			6.1	33	10:35p	SE
14												
15												
16												
17	43.7	56.6	11:35a	29.0	11:40p	22.2			4.2	26	12:00p	WNW
18	37.3	53.1	2:50p	23.8	7:25a	26.6			3.4	13	9:55a	SE
19	35.5	52.4	1:05p	12.9	11:40p	32.3			5.2	25	6:00p	NNW
20	21.1	30.6	11:25a	9.5	6:40a	45.0	0.18	8.9	34	4:55p	SE	
21	33.9	39.6	4:00p	23.9	9:05p	33.3			6.2	25	12:00m	NNW
22	35.8	50.3	1:55p	24.6	11:15p	27.5			8.1	30	2:00a	WNW
23												
24	20.2	27.7	2:50p	8.5	8:50p	46.9	0.10	6.5	30	11:30a	NNW	
25	27.8	43.6	12:35p	11.9	6:10a	37.3			6.1	21	1:15a	NNW
26	27.3	36.4	2:35p	20.6	5:50a	36.5			4.5	21	11:00p	NNW
27	35.7	50.8	2:45p	19.1	4:00a	30.0			5.0	19	12:05a	NNW
28												
29												
30												
31	8.8	19.4	10:00a	-2.7	12:00m	56.7			7.7	25	4:00p	NNW
--	28.9 ¹	56.6 ³	17 th	-2.7	31 st	722.0 ²	2	0.43 ²	6.0 ¹	39 ³	8 th	NNW

Footnotes: 1. Average; 2. Sum (total); 3. Max or Min

Heat Base: 65.0 Cool Base: 65.0

Method: (High + Low) / 2 (per ¼ hour)

- 1st thru 4th: No data available
- 7th: Data logger replaced.....let's try again
- 10th: About 2" of powdery snow last night and this am with a bit more predicted.
- 14th thru 16th: Data not available
- 15th: Logger down again....Aghhhhhh!!!
- 17th: Another try??
- 20th: About 3" of snow last night and this am.
- 23rd: A light skiff of snow last night.
- 24th: 2" to 3" of snow yesterday.
- 28th thru 30th: Data not available

February

Day	Mean Temp.	High Temp.	High Temp. Time	Low Temp.	Low Temp. Time	Heat Degree Days	Cool Degree Days	Precip.	Average Wind Speed	Peak Wind Speed	Peak Wind Time	Wind Dominant Direction
1												
2												
3												
4												
5	29.4	40.3	11:00a	20.7	5:50a	34.5		0.52	5.1	20	2:30a	NNW
6	18.2	24.0	12:20a	9.4	11:20p	48.3		0.75	5.2	23	9:40a	NNW
7												
8	-6.0	-2.4	9:50a	-8.8	7:20p	70.6		0.20	5.4	21	9:50a	NNW
9												
10												
11												
12	38.9	57.3	1:10p	22.0	5:50a	25.3			6.5	24	1:00a	SE
13	50.5	67.8	1:30p	36.4	12:10a	12.9			7.7	26	7:20a	SSE
14												
15												
16												
17												
18												
19												
20	35.3	42.9	1:00p	27.1	12:00m	30.0			5.3	27	12:30p	SSE
21	34.8	47.5	3:50p	23.7	7:20a	29.4			6.8	29	10:30p	SSE
22	41.8	56.6	12:50p	30.8	6:50a	21.3			9.2	28	12:50a	SSE
23	42.3	53.6	2:50p	28.7	9:50p	23.8			5.9	23	4:40a	NW
24	35.8	48.1	2:00p	22.1	7:10a	29.9			3.5	16	2:20p	WNW
25	39.5	54.3	1:50p	26.9	1:10a	24.4			8.1	30	7:50a	SSE
26	44.8	55.7	3:20p	36.0	12:00m	19.2			8.2	31	3:50p	SSE
27	39.5	51.5	1:00p	23.5	12:00m	27.5			6.3	25	10:20p	SE
28	40.4	60.8	3:40a	19.8	2:50a	24.7			10.5	31	12:20p	SE
--	34.7 ¹	67.8 ³	13 th	-8.8 ³	8 th	421.9 ²	2	1.47 ²	6.7 ¹	31 ³	26 th	SSE

Footnotes: 1. Average; 2. Sum (total); 3. Max or Min

Heat Base: 65.0 Cool Base: 65.0

Method: (High + Low) / 2 (per ¼ hour)

- 1st thru 4th: Data not available
- 2nd: Data logger down again. Will suspend data for now and just add a narrative. -15 degrees this am with a bout 2" of snow. Brrrr!!
- 4th: About 6" of snow yesterday and last night with 0.52" of welcome precipitation.
- 6th: 7" to 8" last night and this am and still snowing!!!
- 7th: Data not available. Another 4" To 6" yesterday morning.
- 8th: About 1" of snow last night with a lot more predicted for today. Data logger down again....will try another session with Davis tech support..
- 9th thru 11th: Data not available
- 9th: 3 to 4 inches of new snow yesterday.
- 14th thru 19th: Data not available.
- 22nd: Another try with the data...a new logger from Davis.

March

Day	Mean Temp.	High Temp.	High Temp. Time	Low Temp.	Low Temp. Time	Heat Degree Days	Cool Degree Days	Precip.	Average Wind Speed	Peak Wind Speed	Peak Wind Time	Wind Dominant Direction
1	46.6	61.4	3:20p	25.4	6:20a	21.6			6.0	23	1:20a	SSE
2	47.3	63.2	3:00p	26.9	6:30a	20.0			3.5	17	12:30p	NW
3	49.2	64.0	1:20p	34.4	4:10a	15.8			6.2	23	3:30p	W
4	32.4	41.4	10:30a	24.7	11:20p	31.9		0.33	3.8	20	2:20p	NNW
5	31.8	40.3	3:20p	18.9	4:50p	35.4			11.0	31	1:10p	SSE
6	40.7	51.6	11:40a	28.7	4:20a	24.8			7.9	28	1:10p	SSE
7	26.3	36.3	12:10a	20.7	11:30p	36.5		0.10	2.5	14	12:10a	NW
8	23.3	28.8	11:40a	17.9	11:50p	41.7		0.02	2.3	14	3:10p	NNW
9	34.9	49.9	4:20p	18.3	1:00a	30.9			4.2	25	12:00m	NNW
10	44.9	59.9	3:50p	30.7	6:50a	19.7			9.8	32	9:40p	SSE
11	52.3	66.5	4:30p	34.9	11:30p	14.3			6.2	25	3:50a	SE
12	43.6	61.5	2:00p	25.1	6:50a	21.7			10.2	37	5:10p	SE
13	40.6	51.3	2:50p	28.1	10:20p	25.3			8.9	38	4:00a	NNW
14	43.5	59.3	2:50p	24.6	7:20a	23.0			8.7	33	7:00p	SSE
15	45.8	59.2	4:00p	34.4	3:40a	18.2			6.5	32	11:10p	SE
16	55.4	71.6	2:50p	39.7	5:50a	9.3			10.1	34	3:40a	SE
17	59.9	71.6	3:30p	43.5	12:00m	7.5			7.0	34	6:50a	SSE
18	40.6	55.2	5:30p	26.4	7:10a	24.2			8.7	35	10:00p	SE
19	51.2	68.2	2:10p	36.3	6:20a	12.8			11.4	40	1:10p	SE
20	54.1	67.0	1:10p	44.7	7:20a	9.2			8.0	32	6:30a	SSE
21	55.1	71.3	2:20p	44.2	4:50p	7.3			11.4	39	2:40p	SSE
22	42.6	51.8	12:10a	32.3	12:00m	23.0			6.9	30	2:20a	WSW
23	42.1	57.4	5:00p	25.5	6:20a	23.5			6.6	24	12:15p	SE
24	43.1	58.9	3:10p	31.9	3:50a	19.6			11.6	52	9:20a	SSE
25	48.4	64.5	3:00p	32.2	2:40a	16.7			6.6	31	12:40p	SSE
26	41.8	51.9	1:40p	28.6	7:40a	24.8			4.3	23	10:00p	NNW
27	42.5	57.2	5:10p	28.7	4:50a	22.0			9.5	42	4:40a	SE
28	45.8	63.3	2:20p	21.9	5:40a	22.4			5.5	23	1:20p	WNW
29	35.1	47.2	4:20p	27.3	12:10a	27.8			3.6	36	12:00m	NNW
30	41.0	55.6	3:10p	28.2	4:10a	23.1			8.0	39	12:30a	NNW
31	53.4	71.9	4:20p	38.6	2:30a	9.8			3.8	22	11:10a	NNW
--	43.7 ¹	71.9 ³	31 st	17.9 ³	8 th	663.5 ²	2	0.45 ²	7.1 ¹	52 ³	24 th	SSE

Footnotes: 1. Average; 2. Sum (total); 3. Max or Min

Heat Base: 65.0 Cool Base: 65.0

Method: (High + Low) / 2 (per ¼ hour)

- 5th: About 3 inches of wet snow yesterday.
- 8th: 1 to 2 inches of snow yesterday and a bit more coming.

April

Day	Mean Temp.	High Temp.	High Temp. Time	Low Temp.	Low Temp. Time	Heat Degree Days	Cool Degree Days	Precip.	Average Wind Speed	Peak Wind Speed	Peak Wind Time	Wind Dominant Direction
1	56.7	73.5	1:50p	40.1	5:50a	8.2			5.0	33	12:00m	WNW
2	61.9	79.0	3:40p	43.5	7:20a	3.8			9.8	33	1:10a	SSE
3	54.2	66.9	3:30p	22.6	12:00m	20.3			9.2	41	3:00p	WSW
4	33.0	54.0	6:00p	15.6	7:30a	30.2		0.25	4.8	24	1:50a	NNW
5	56.5	74.5	4:10p	31.6	3:20a	12.0			6.5	22	4:30p	SSE
6	55.4	67.8	6:10p	45.1	12:00m	8.5			4.6	20	10:40p	SSE
7	50.0	62.4	2:00p	35.3	7:00a	16.2			6.8	26	11:20p	WSW
8	54.3	67.3	3:40p	41.0	4:10a	10.8			12.7	38	12:00p	SSE
9	53.9	65.0	1:30p	42.6	12:00m	11.2			14.3	58	2:00p	SSE
10	40.1	53.2	4:10p	28.9	6:30a	24.0			4.1	24	8:00p	WNW
11	42.8	60.6	5:10p	21.3	5:10a	24.1			7.7	34	9:50p	SE
12	53.3	69.2	5:40p	39.2	6:20a	10.8			13.0	39	4:50a	SE
13	47.5	63.4	2:00p	29.0	6:50a	18.8			4.3	23	3:10p	NNW
14	43.7	54.2	4:50p	33.9	5:10a	20.9			4.1	25	1:40p	WNW
15	38.9	55.9	4:10p	23.4	6:50a	25.3			3.0	24	11:30a	NNW
16	50.1	70.0	4:20p	29.2	12:40a	15.4			7.1	27	7:00a	SSE
17	56.1	75.0	5:00p	31.6	6:10a	11.7			4.1	18	7:30a	WNW
18	59.2	75.9	2:30p	37.7	2:30a	8.2			2.4	27	9:10a	WSW
19	51.3	66.3	3:50p	34.3	6:20a	14.7		0.01	4.7	21	4:10p	NNW
20	45.8	60.5	4:10p	30.1	6:50a	19.7			11.2	48	6:50p	SE
21	56.6	72.9	2:20p	37.7	6:20a	9.7			11.2	45	2:10a	SE
22												
23	50.1	56.7	4:40a	41.1	10:10a	16.1			13.1	37	3:10p	SSE
24	44.3	55.3	4:00p	34.7	6:30a	20.0			10.0	36	3:10a	SE
25												
26	43.3	58.1	12:20p	31.1	12:00m	20.4			3.7	23	2:10p	NNW
27	38.0	54.6	5:30p	25.9	6:00a	24.8		0.12	3.4	20	2:50a	NNW
28	48.0	64.8	2:30p	25.4	3:40a	19.9			8.3	39	5:30p	SE
29	59.9	72.8	3:30p	38.0	12:00m	9.6			9.7	38	1:10a	WSW
30	37.4	53.7	3:10p	23.8	6:30a	26.3			5.4	26	8:10p	NNW
--	49.4 ¹	79.0 ³	2 nd	15.6 ³	4 th	461.4 ²	2	0.38 ²	7.3 ¹	58 ³	9 th	SSE

Footnotes: 1. Average; 2. Sum (total); 3. Max or Min

Heat Base: 65.0 Cool Base: 65.0

Method: (High + Low) / 2 (per 1/4 hour)

- 4th: about 2 to 3 inches of snow last night.
- 22nd: Data not available.
- 25th: Data not available.
- 27th: About 1 inch of snow ... for a change...

May

Day	Mean Temp.	High Temp.	High Temp. Time	Low Temp.	Low Temp. Time	Heat Degree Days	Cool Degree Days	Precip.	Average Wind Speed	Peak Wind Speed	Peak Wind Time	Wind Dominant Direction
1	27.9	35.1	3:00p	23.7	6:30a	35.6		0.22	3.6	17	3:40p	NNW
2												
3	57.1	64.9	2:10p	48.2	11:20p	8.4			6.4	22	2:50p	SSE
4	55.7	73.3	3:00p	39.1	12:00m	8.8			9.0	33	8:00p	WNW
5	48.2	67.5	2:20p	28.8	6:10a	16.8			9.4	46	6:40p	NNW
6	62.9	78.9	3:50p	45.7	3:20a	2.7			7.6	31	12:10a	WNW
7	66.1	82.1	3:50p	43.0	6:30a	2.5			4.2	23	10:30a	WNW
8	68.7	80.1	1:30p	60.6	6:20a		5.3		5.4	28	4:50p	SW
9	63.8	74.8	12:30p	52.4	6:20a	1.4			8.7	40	5:20p	SSE
10	60.0	73.7	2:50p	45.0	6:20a	5.7			9.6	47	3:50p	SSE
11	45.5	57.3	2:00a	35.0	11:50p	18.8		0.05	4.7	32	2:20a	NNW
12	43.4	51.0	3:00p	29.9	6:20a	24.5			3.3	18	11:00a	NNW
13	47.0	64.1	4:00p	27.0	3:30a	19.5			4.0	22	3:20p	NNW
14	47.1	64.5	2:40p	32.0	3:50a	16.8		0.35	6.3	28	11:30a	SE
15	44.4	60.6	5:15p	35.6	1:50a	16.9			5.9	25	9:00a	SE
16	53.8	70.6	5:30p	34.0	1:10a	12.7			17.2	46	5:30p	SE
17	58.9	71.1	3:20p	48.8	5:30a	5.1			9.7	33	11:20a	SSE
18	50.7	67.0	12:50p	33.4	5:30a	14.8		0.05	4.6	27	1:50p	NNW
19	49.5	60.8	3:20p	39.2	6:00a	15.0			7.0	29	1:20p	SSE
20	48.3	63.8	5:00p	28.2	6:00a	19.0			47.0	20	1:00p	SE
21	55.5	72.2	3:40p	33.6	5:10a	12.1			4.1	16	4:40p	WNW
22	59.6	78.1	5:20p	42.8	2:00a	4.6		0.02	3.6	21	3:40p	SE
23	62.5	79.3	2:30p	42.7	5:50a	4.0			4.4	24	2:20p	SE
24	49.3	59.2	12:00p	40.0	10:20p	15.4		0.05	3.1	24	2:50p	NNW
25	52.9	64.4	5:50p	40.2	6:00a	12.7			4.5	25	12:10p	NNW
26	61.2	79.1	6:50p	43.2	5:50a	3.8			12.2	42	8:30a	SE
27	68.8	86.4	3:50p	53.1	5:50a		4.8		5.2	20	6:40a	NNW
28	64.5	87.1	4:40p	39.5	6:00a	1.7			4.3	36	4:50p	NNW
29	73.2	83.8	2:40p	60.4	5:50a		7.1		8.7	46	1:30p	SW
30	65.2	75.3	1:10p	50.2	11:40p	2.3			8.8	48	12:40p	SSE
31	60.0	73.3	5:10p	39.0	2:20a	8.8			13.5	45	5:30p	SE
--	55.7 ¹	87.1 ³	28 th	27.0 ³	13 th	310.3 ²	17.2 ²	0.74 ²	8.2 ¹	48 ³	30 th	SE

Footnotes: 1. Average; 2. Sum (total); 3. Max or Min

Heat Base: 65.0 Cool Base: 65.0

Method: (High + Low) / 2 (per ¼ hour)

- 1st: May Day and a skiff of new snow last night with more coming down.
- 2nd: Data not available.

June

Day	Mean Temp.	High Temp.	High Temp. Time	Low Temp.	Low Temp. Time	Heat Degree Days	Cool Degree Days	Precip.	Average Wind Speed	Peak Wind Speed	Peak Wind Time	Wind Dominant Direction
1	69.1	87.8	3:40p	58.0	6:00a		7.9	0.01	15.5	42	6:10p	SE
2	70.7	84.3	4:50p	58.2	7:00a		6.3		14.9	48	7:30p	SE
3	70.9	86.3	1:30p	54.9	6:00a		5.6		10.9	39	1:50a	SE
4	65.2	77.4	2:50p	50.7	6:30a	0.9			7.8	37	11:00p	SE
5	66.9	83.2	1:00p	54.1	2:50a		3.6	0.15	10.6	28	2:40p	SE
6	72.3	85.3	1:10p	60.7	4:30a		8.0		11.3	36	4:30p	SSE
7	72.7	87.7	3:50p	55.8	12:00m		6.8		6.4	23	3:20p	SSE
8	70.8	86.1	6:10p	50.8	7:00a		3.4		6.3	31	2:50p	NNW
9	68.5	87.4	5:00p	43.4	6:10a		0.4		3.8	22	11:20a	WSW
10	61.0	78.8	2:50p	47.0	6:10a	2.1			6.3	30	7:10p	NNW
11	66.3	78.4	1:00p	53.0	5:10a		0.7		10.4	39	4:10p	SSE
12	70.5	89.1	4:30p	46.6	5:20a		2.8		4.9	30	1:40p	WSW
13	72.4	88.6	4:40p	52.5	3:50a		5.6		4.7	28	4:20p	WSW
14	67.4	85.7	4:40p	49.4	5:50a		2.6		4.0	21	3:40p	NNW
15	68.9	86.2	4:00p	48.2	4:10a		2.2		11.0	34	12:20p	SE
16	77.1	91.8	4:10p	61.7	5:50a		11.8		6.7	22	5:20p	SSE
17	69.5	89.4	4:20p	48.5	6:10a		3.9		3.9	23	9:50p	NNW
18	66.6	84.8	5:40p	47.7	6:00a		1.3		5.2	27	10:10a	SE
19	73.8	88.6	4:30p	56.9	12:10a		7.8		6.2	32	1:50p	SSE
20	55.2	67.7	12:10a	45.2	6:20a	8.6		0.01	4.3	25	12:10p	NNW
21	62.1	78.9	3:40p	40.6	5:40a	5.3			4.2	21	5:30p	NE
22	68.3	85.8	4:20p	47.2	2:50a		1.5		6.0	30	8:30a	SSE
23	72.5	92.6	3:50p	47.7	5:30a		5.2		3.3	19	4:20p	E
24	77.3	96.7	3:10p	52.5	4:00a		9.6		3.4	17	12:50p	WNW
25	77.3	95.6	3:10p	60.6	4:10a		13.1		4.9	26	3:30p	SE
26	80.4	93.7	3:10p	64.0	11:50p		13.8		6.7	25	5:00p	SSE
27	66.6	80.1	3:15p	56.5	7:10a		3.3		11.0	40	8:10p	NNW
28	72.7	85.7	5:40p	58.8	5:20a		7.3		14.7	47	1:40p	SE
29	78.6	93.6	3:00p	66.7	5:50a		15.1		10.7	43	4:30p	SSE
30	76.6	89.2	12:40p	64.9	6:00a		12.1	0.04	15.2	56	2:20p	SSE
--	70.3 ¹	96.7 ³	24 th	40.6 ³	21 st	16.8 ²	161.5 ²	0.21 ²	7.8 ¹	56 ³	30 th	SE

Footnotes: 1. Average; 2. Sum (total); 3. Max or Min

Heat Base: 65.0 Cool Base: 65.0

Method: (High + Low) / 2 (per 1/4 hour)

July

Day	Mean Temp.	High Temp.	High Temp. Time	Low Temp.	Low Temp. Time	Heat Degree Days	Cool Degree Days	Precip.	Average Wind Speed	Peak Wind Speed	Peak Wind Time	Wind Dominant Direction
1	72.4	87.0	4:40p	56.9	6:20a		6.9	0.12	6.3	36	11:50p	NNW
2	66.8	80.7	12:10p	60.1	4:30a		5.4	0.05	13.2	33	12:10a	SSE
3	73.1	89.0	12:20p	55.8	6:10a		7.4		6.5	23	12:50a	SSE
4	75.1	90.0	2:50p	55.6	4:00a		7.8		6.1	21	1:30p	SSE
5	77.5	91.8	3:40p	58.5	5:50a		10.2		7.2	24	4:40p	SSE
6	69.7	81.6	5:20p	56.7	6:30a		4.2	0.35	2.9	21	12:10p	NNW
7	68.1	83.2	1:20p	56.5	5:40a		4.8	0.05	4.2	36	3:50p	NNW
8	71.1	90.1	12:20p	57.7	1:10a		8.9	0.24	7.0	31	8:40a	SSW
9	75.4	89.4	11:10a	55.7	6:00a		7.6	0.02	5.5	39	2:50p	SSE
10	72.5	90.2	1:40p	59.7	4:30a		9.9	0.02	6.2	35	1:00p	SE
11	70.5	84.8	1:10p	57.3	5:00a		6.1	0.11	5.9	29	8:30a	SE
12	69.3	85.0	12:50p	52.5	5:30a		3.8	0.04	5.3	22	12:20p	SE
13	71.1	84.7	1:00p	62.7	6:10a		8.7	0.22	9.0	34	11:20p	SSE
14	68.1	85.4	12:20p	59.6	4:30p		7.5	0.05	8.8	34	1:20a	SSE
15	70.9	88.0	2:30p	56.9	6:20a		7.4	0.10	4.2	27	11:00p	SSE
16	78.0	89.8	2:20p	67.4	6:20a		13.6		12.8	34	12:10p	SE
17	77.7	89.9	3:20p	66.8	6:10a		13.4		11.3	31	7:40p	SE
18	76.9	88.4	4:20p	65.2	6:10a		11.8		12.6	36	3:10p	SE
19	77.4	91.6	2:20p	65.2	11:40p		13.4		8.9	27	1:50p	SE
20	73.7	89.4	1:40p	59.4	5:30a		9.4		4.0	22	7:20p	ESE
21	68.8	87.7	1:30p	60.2	6:50a		8.9	0.03	3.9	22	2:10p	SE
22	70.4	83.2	11:00a	63.5	3:50a		8.3	0.01	10.4	33	1:20a	SE
23	73.1	91.4	2:20p	62.6	2:20a		12.0		8.5	35	1:20a	SE
24	71.5	89.2	2:00p	59.1	5:50a		9.1	0.02	4.2	18	1:30p	SE
25	70.6	87.7	1:00p	52.1	6:00a		4.9		5.9	26	5:30p	SSE
26	76.2	88.5	11:40a	65.1	5:10a		11.8	0.10	7.2	22	4:10p	SSE
27	70.7	86.5	1:50p	56.7	6:00a		6.6	0.05	3.8	23	6:20p	SE
28	63.4	85.3	12:00p	53.8	6:30a		4.6	0.48	3.3	20	9:10p	E
29	64.8	83.6	3:10p	53.7	5:50a		3.7	0.03	4.3	18	2:00p	SSE
30	69.0	85.5	2:20p	56.6	4:00a		6.1	0.25	7.9	27	3:50p	SSE
31	71.3	86.5	12:20p	62.8	5:50a		9.7	0.01	10.7	33	6:00p	SSE
--	71.8 ¹	91.8 ³	5 th	52.1 ³	25 th	2	253.8 ²	2.35 ²	7.0 ¹	39 ³	9 th	SSE

Footnotes: 1. Average; 2. Sum (total); 3. Max or Min

Heat Base: 65.0 Cool Base: 65.0

Method: (High + Low) / 2 (per ¼ hour)

August

Day	Mean Temp.	High Temp.	High Temp. Time	Low Temp.	Low Temp. Time	Heat Degree Days	Cool Degree Days	Precip.	Average Wind Speed	Peak Wind Speed	Peak Wind Time	Wind Dominant Direction
1	73.8	91.3	2:40p	64.1	6:20a		12.7		8.5	25	1:20p	ESE
2	67.1	83.4	1:40p	57.0	4:50a		5.2	0.05	3.2	21	11:40a	NNW
3	63.9	78.7	12:30p	58.5	6:20a		3.6	0.40	7.5	28	3:20p	SSE
4	66.8	83.4	1:00p	56.7	12:00m		5.1	0.15	5.5	26	2:50a	SSE
5	69.6	84.8	12:30p	55.3	12:20a		5.1		6.3	30	3:20p	SE
6	74.4	88.6	1:40p	58.9	6:40a		8.8		7.0	22	2:00a	SSE
7	77.7	94.0	3:00p	63.6	7:30a		13.8		7.3	26	1:00a	SE
8	75.3	89.5	4:00p	60.0	5:40a		9.8		5.0	17	5:10p	NNW
9	75.9	92.9	4:20p	60.9	6:10a		11.9		7.1	34	9:30a	SSE
10	67.6	84.0	3:30p	56.7	8:40a		5.3	0.02	7.3	27	8:30p	NNW
11	69.7	86.0	1:10p	55.7	4:20a		5.8	0.38	7.9	25	2:20p	SSE
12	72.4	84.5	1:40p	55.1	6:40a		4.8		7.0	30	1:20a	SSE
13	68.2	82.6	11:40a	55.6	6:00a		4.1		6.8	34	4:00p	SE
14	73.1	85.9	2:50p	64.0	5:40a		9.9		13.2	32	2:50p	SE
15	73.5	87.2	5:40p	62.2	6:30a		9.7	0.02	7.8	24	2:50a	SE
16	70.5	87.4	3:10p	53.4	6:00a		5.4		4.8	33	4:40p	NNW
17	68.6	84.6	4:00p	50.5	5:50a		2.6	0.08	8.0	33	6:40p	SE
18	76.3	92.4	3:00p	57.9	7:00a		10.2		7.5	26	12:30a	SSE
19	71.6	85.7	1:10p	61.5	11:30p		8.6		9.8	32	8:30p	SSE
20	64.0	79.9	12:40p	56.3	7:10a		3.1	0.04	5.7	26	1:20p	SSE
21	35.8	79.2	2:00p	54.3	4:40a		1.8	0.02	9.4	30	2:10p	SSE
22	72.7	87.7	3:50p	59.0	6:10a		8.3		6.7	21	1:30a	SSE
23	73.5	90.1	4:10p	54.1	4:50a		7.1		3.6	18	2:10p	NNW
24	71.3	88.4	12:00p	55.5	6:50a		6.9	0.05	4.8	41	8:50a	ESE
25	74.6	88.8	12:30p	59.8	4:50a		9.3		8.0	30	2:00p	SSE
26	69.8	89.2	12:40p	59.3	6:40a		9.3	0.26	5.9	24	2:50p	SSE
27	70.8	88.3	3:00p	54.3	6:20a		6.3		3.6	23	4:00p	SE
28	69.6	90.2	2:50p	57.2	11:40p		8.7	0.30	3.9	24	5:20p	ESE
29	64.1	80.1	2:00p	53.1	6:30a		1.6		6.4	26	9:50p	SE
30	71.2	86.1	12:20p	54.3	6:40a		5.2		5.5	20	4:50p	SE
31	73.3	88.8	1:00p	56.9	2:40a		7.9	0.03	5.9	33	5:20p	SSE
--	69.9 ¹	94.0 ³	7 th	50.5 ³	17 th	2	217.7 ²	1.80 ²	6.7 ¹	41 ³	24 th	SSE

Footnotes: 1. Average; 2. Sum (total); 3. Max or Min

Heat Base: 65.0 Cool Base: 65.0

Method: (High + Low) / 2 (per ¼ hour)

September

Day	Mean Temp.	High Temp.	High Temp. Time	Low Temp.	Low Temp. Time	Heat Degree Days	Cool Degree Days	Precip.	Average Wind Speed	Peak Wind Speed	Peak Wind Time	Wind Dominant Direction
1	73.3	91.0	12:40p	58.8	12:10a		9.9		9.1	29	3:40a	SE
2	70.9	83.3	3:00p	59.1	12:00m		6.2		6.9	24	3:50a	SSE
3	61.3	70.1	4:50p	50.8	6:50a	4.6			4.8	25	10:10a	NNW
4	57.6	69.5	2:50p	46.9	7:10a	6.8			4.9	22	11:10p	NNW
5	62.7	77.3	1:00p	49.6	5:50a	1.5			12.5	30	8:10a	SE
6	66.7	80.7	1:40p	55.1	12:00m		2.9		7.4	27	12:40a	SSE
7	54.2	63.1	2:10p	48.6	6:30a	9.2		0.06	3.4	16	5:30p	NNW
8	55.5	66.9	4:40p	42.0	7:20a	10.5			2.1	13	5:20p	NNW
9	55.2	67.9	3:10p	45.4	7:20a	8.3			4.7	27	5:30p	SE
10	55.1	67.8	5:40p	43.6	2:10a	9.3			5.1	23	3:10p	SE
11	61.6	77.7	2:00p	43.7	3:40a	4.3		0.03	8.4	23	5:30p	SE
12	66.5	79.5	1:30p	55.7	6:50a		2.6		6.6	17	12:20a	SE
13	57.0	71.9	12:50p	47.5	11:40p	5.3		0.15	3.0	21	12:30p	NNW
14	52.4	65.2	3:40p	42.0	6:50a	11.4		0.10	6.3	28	11:20p	SE
15	52.0	58.5	3:20p	47.8	1:40a	11.8		0.20	15.6	38	12:20p	SE
16	58.7	72.6	3:00p	48.0	6:40a	4.7			8.6	26	2:50a	SE
17	60.4	74.1	4:00p	47.6	1:50a	4.2			6.1	32	5:50p	SSE
18	58.8	73.3	1:10p	38.2	7:10a	9.3			4.5	18	10:50p	SSE
19	62.8	74.9	4:40p	53.5	6:30a	0.8			9.4	30	3:10p	SSE
20	59.7	75.9	4:40p	46.9	7:30a	3.6			4.3	19	8:50a	NNW
21	52.7	66.8	5:10p	38.0	5:10a	12.6		0.15	7.6	32	11:00a	SE
22	55.1	70.8	4:20a	40.4	4:10a	9.4			5.5	22	6:50a	SSE
23	55.5	75.7	3:50p	40.6	5:50a	6.9			3.8	18	4:00p	E
24	65.9	81.5	2:10p	49.5	2:40a		0.5		3.5	18	4:40p	NNW
25	64.9	81.1	12:40p	47.1	6:00a	0.9			3.2	13	1:00p	ESE
26	63.2	79.0	1:30p	48.9	7:10a	1.0			6.2	25	7:10p	SE
27	62.4	81.2	1:40p	47.9	4:30a	0.4			5.8	30	3:10p	SSE
28	67.2	81.8	2:00p	50.9	5:40a		1.4		5.8	25	12:20a	SE
29	54.4	61.2	3:30p	41.4	11:40p	13.7			5.1	28	10:00a	NNW
30	57.7	73.8	4:50p	39.9	12:30a	8.1			13.4	38	9:30a	SE
--	60.0 ¹	91.0 ³	1 st	38.0 ³	21 st	158.7 ²	23.4 ²	0.69 ²	9.2 ¹	38 ³	15 th	SE

Footnotes: 1. Average; 2. Sum (total); 3. Max or Min

Heat Base: 65.0 Cool Base: 65.0

Method: (High + Low) / 2 (per 1/4 hour)

October

Day	Mean Temp.	High Temp.	High Temp. Time	Low Temp.	Low Temp. Time	Heat Degree Days	Cool Degree Days	Precip.	Average Wind Speed	Peak Wind Speed	Peak Wind Time	Wind Dominant Direction
1	64.1	79.5	1:40p	46.2	6:30a	2.2			7.0	23	2:10p	SE
2	64.6	77.6	2:40p	49.3	7:20a	1.6			8.3	23	11:20a	SE
3	62.6	76.3	2:10p	48.3	5:40a	2.7			8.6	35	5:20p	SSE
4	56.3	66.4	2:00p	48.4	11:00p	7.6			15.6	46	3:50p	SSE
5	49.4	67.0	2:50p	47.4	6:40a	7.8			13.2	39	12:40a	SSE
6	54.8	65.1	2:40p	47.6	7:30a	8.7			14.6	57	12:50p	SE
7	49.9	60.2	12:20p	40.0	11:10p	14.9		0.30	5.7	34	3:40p	SSE
8	41.3	50.8	2:00p	31.9	12:00m	23.7		0.02	3.3	16	11:20a	NW
9	40.9	53.8	4:40p	31.3	12:50a	22.5			3.3	27	3:00p	SSE
10	49.0	64.2	2:30p	36.9	2:10a	14.5			7.3	23	4:30a	SE
11	54.0	68.4	2:50p	41.8	11:40p	9.9			5.0	19	3:10p	WNW
12	51.9	65.2	3:20p	37.1	2:50a	13.9			3.3	17	11:00a	NNW
13	57.4	74.6	2:30p	38.7	1:00a	8.3			7.3	29	4:50a	SSE
14	57.3	70.9	2:00p	41.3	6:50a	8.9			4.9	27	7:50p	NNW
15	61.7	80.4	3:00p	44.0	6:40a	2.8			9.6	26	2:00a	SE
16	59.2	71.0	4:10p	48.4	7:20a	5.3			7.6	28	11:10p	SSE
17	50.6	64.8	10:00a	32.6	12:00m	16.3		0.03	7.0	37	1:40p	NNW
18	35.7	48.3	2:50p	25.6	7:10a	28.0			2.7	16	12:00p	NNW
19	41.5	58.7	3:10p	22.5	7:10a	24.4			8.8	41	10:40p	SE
20	53.1	68.2	1:40p	35.1	4:20a	13.4			5.8	28	12:10a	SE
21	55.3	68.4	3:10p	38.3	7:30a	11.7			6.2	24	12:20a	SSE
22	51.4	65.4	2:00p	36.8	5:30a	13.9			4.4	19	1:40p	NNW
23	55.8	69.9	4:10p	58.3	7:30a	0.9			8.1	27	10:40p	SSE
24	62.0	77.2	1:30p	50.6	8:00a	1.1			8.3	27	3:00a	SSE
25	58.3	71.2	12:40p	39.1	12:00m	9.9			5.4	23	3:40a	SE
26	29.5	39.5	12:30a	22.5	12:00m	34.0		0.01	4.8	17	3:10a	NW
27	27.3	36.4	11:50a	19.3	5:40a	37.1		0.62	2.3	15	11:10a	NW
28	36.6	49.9	4:20p	24.3	2:30a	27.9			5.9	32	12:00m	SE
29	48.8	65.7	2:10p	35.1	7:00a	14.6			6.3	27	12:10a	WNW
30	44.1	57.8	4:00p	26.5	7:00a	22.8			7.6	26	9:10p	SE
31	52.1	67.8	3:30p	40.2	2:00a	11.0			6.9	21	1:30a	SSE
--	50.9 ¹	80.4 ³	15 th	19.3 ³	27 th	422.0 ²	2	0.98 ²	6.9 ¹	57 ³	6 th	SSE

Footnotes: 1. Average; 2. Sum (total); 3. Max or Min

Heat Base: 65.0 Cool Base: 65.0

Method: (High + Low) / 2 (per ¼ hour)

- 27th: First snow of the season...about 3 to 4 inches yesterday and this morning.

November

Day	Mean Temp.	High Temp.	High Temp. Time	Low Temp.	Low Temp. Time	Heat Degree Days	Cool Degree Days	Precip.	Average Wind Speed	Peak Wind Speed	Peak Wind Time	Wind Dominant Direction
1	51.7	67.9	2:20p	36.1	6:30a	13.0			7.3	26	3:20p	SSE
2	23.7	36.6	12:10a	12.0	11:50p	40.7		0.10	6.7	25	3:50a	NNW
3	33.7	48.5	2:40p	10.9	12:40a	35.3			14.1	44	3:50p	SE
4	50.8	64.4	1:50p	38.1	12:10a	13.8			14.9	40	11:50p	SE
5	39.7	45.1	1:00p	31.8	12:00m	26.6		0.03	14.0	43	10:10a	SE
6	38.9	52.6	1:20p	29.5	6:20a	24.0			8.0	25	3:10a	SE
7	32.6	42.3	1:00p	25.2	5:50a	31.3			4.4	20	12:30p	NNW
8	25.6	29.6	2:10p	19.8	12:00m	40.3		0.85	4.0	19	6:10a	NNW
9	27.8	36.2	1:00p	16.2	1:00a	38.8			4.5	17	10:00p	SSE
10	37.6	55.0	1:30p	20.1	4:40a	27.5			8.0	21	9:40p	SE
11	43.5	51.3	1:00p	31.4	3:00a	23.7			9.6	24	4:40p	SE
12	48.3	57.6	12:00p	39.2	5:30a	16.6			7.3	42	11:40p	WSW
13	47.5	59.4	11:30a	38.5	7:00a	16.0			6.8	27	2:30p	SSE
14	41.0	54.9	1:50p	31.3	2:50a	21.9			6.6	22	10:10a	SSE
15	40.1	52.4	2:10p	26.8	6:10a	25.4			7.1	26	12:50p	SE
16	29.6	40.5	1:40p	20.8	7:00a	34.4			4.4	38	11:40p	NNW
17	39.8	56.0	4:20p	22.8	3:50a	25.6			14.2	41	2:00a	SE
18	48.9	63.6	1:10p	42.3	3:30a	12.1			10.9	33	8:10p	SSE
19	43.9	61.3	11:50a	23.6	12:00m	22.5			4.5	28	9:10a	SW
20	41.2	55.8	2:20p	23.6	12:10a	25.3			8.4	25	11:00a	SSE
21	43.4	53.6	12:50p	31.5	11:50p	22.5			6.6	24	4:50a	SE
22	40.5	53.5	12:20p	26.2	6:50a	25.2			7.1	24	3:20p	SE
23	48.5	60.6	1:30p	31.3	2:20a	19.1			12.7	31	11:40p	SE
24	53.1	68.7	12:20p	41.3	2:40a	10.0			10.4	29	1:10a	SSE
25	40.5	51.6	10:20a	31.6	7:40a	23.4		0.35	6.9	26	5:10a	SE
26	23.9	33.9	12:10a	13.4	11:30p	41.3			5.8	27	11:00a	NNW
27	34.4	54.0	3:10p	12.1	1:50a	32.0			3.9	20	5:50p	E
28	46.3	63.3	1:40p	32.0	11:00p	17.3			3.7	23	6:40p	NNW
29	36.8	49.1	2:00p	26.0	5:50a	27.5			7.8	29	9:10p	SE
30	46.8	58.7	3:50p	36.2	12:30a	17.5			9.7	26	12:40a	SE
--	40.0 ¹	68.7 ³	24 th	10.9 ³	3 rd	750.2 ²	2	1.33 ²	8.0 ¹	44 ³	3 rd	SE

Footnotes: 1. Average; 2. Sum (total); 3. Max or Min

Heat Base: 65.0 Cool Base: 65.0

Method: (High + Low) / 2 (per 1/4 hour)

- 2nd: About 2 inches of snow this am and more coming down.

- 8th: 7 to 8 inches of snow and still a'comin!!

- 8th, 3:00pm: A total of 9 inches with 0.85 precip. GREAT!

December

Day	Mean Temp.	High Temp.	High Temp. Time	Low Temp.	Low Temp. Time	Heat Degree Days	Cool Degree Days	Precip.	Average Wind Speed	Peak Wind Speed	Peak Wind Time	Wind Dominant Direction
1	23.2	37.6	12:20a	15.6	11:50p	38.4		0.10	6.9	26	11:50a	NNW
2	26.2	34.3	1:40p	15.5	12:30a	40.1		0.10	17.5	41	6:20a	SE
3	17.9	29.9	1:40a	8.3	7:20p	45.9		0.10	8.3	35	11:50p	NNW
4	14.4	18.7	12:00p	8.2	7:00a	51.5		0.50	6.8	36	12:30a	NW
5	5.6	11.2	12:10a	-0.2	7:40p	59.5		0.50	4.3	18	12:10a	NNW
6	12.1	23.4	2:20p	-3.7	5:50a	55.2			3.9	17	12:50a	ESE
7	31.3	45.5	1:30p	18.5	12:10a	33.0			4.9	28	3:10p	SE
8	24.4	36.7	1:40p	15.6	4:40a	38.8			3.4	15	8:00p	E
9	27.7	35.7	11:20a	15.1	12:50a	39.6			6.6	28	7:50p	SSE
10	29.9	39.9	11:40a	17.1	7:40a	36.5			5.3	23	12:00m	SSE
11	35.5	50.8	2:30p	26.3	9:40p	26.5			10.0	23	4:10a	SSE
12	34.4	43.3	12:30p	25.6	2:40a	30.5			6.4	35	9:30p	SE
13	34.4	40.2	11:50a	31.8	3:30a	29.0			13.5	33	12:50a	SE
14	34.0	44.3	12:50p	23.7	11:20p	31.0			7.7	29	5:50a	SE
15	26.1	34.5	12:40p	17.3	7:20a	39.1			8.2	28	1:00p	SE
16	26.8	36.3	11:30a	14.0	6:10a	39.9			6.4	27	12:50a	SSE
17	35.9	55.6	12:10p	18.2	7:00a	28.1			4.6	22	11:10p	SSE
18	48.1	60.7	12:20p	33.8	11:40p	17.8			12.0	25	3:50a	SE
19	25.1	38.2	4:30a	15.7	10:20p	38.0		1.50	9.1	34	3:50p	NNW
20	22.0	31.5	2:20p	15.2	4:30a	41.6			6.9	27	3:40p	SSE
21	25.1	36.1	12:50p	13.9	6:00a	40.0		0.50	2.5	16	1:30p	E
22	17.3	22.0	1:00a	10.8	12:00m	48.6		1.00	4.1	22	9:20a	NNW
23	16.4	28.7	2:50p	0.4	5:50a	50.4			2.6	11	1:10a	E
24	24.1	34.6	1:40p	12.4	1:10a	41.5			2.5	12	11:00a	E
25	25.0	34.9	2:10p	15.6	11:50p	39.8			2.4	14	11:50p	NW
26	29.2	49.7	12:20p	11.6	3:40a	34.3			4.4	22	1:20p	NNW
27	34.8	54.2	3:10p	14.8	2:00a	30.5			8.5	32	5:10a	SE
28	41.1	56.3	1:10p	25.7	5:30a	24.0			4.2	17	9:00a	E
29	47.6	60.1	1:20p	33.9	7:30a	18.0			4.5	18	6:50p	SE
30	43.0	51.9	11:10a	32.2	2:30a	22.9			11.4	33	12:50p	SE
31	40.4	52.5	10:50a	18.6	11:30p	29.5			6.6	33	1:50p	SSE
--	28.4 ¹	60.7 ³	18 th	-3.7 ³	6 th	1,139.6 ²	2	4.30 ²	8.9 ¹	41 ³	2 nd	SE

Footnotes: 1. Average; 2. Sum (total); 3. Max or Min

Heat Base: 65.0 Cool Base: 65.0

Method: (High + Low) / 2 (per ¼ hour)

- 2nd: About 3 inches of fluffy snow yesterday and last night.
- 3rd: Another 3-4" yesterday/this morning & still coming down.
- 5th: Drifting makes it difficult to measure the new snow. Estimate: 14".
- 19th: Snow has started; expecting lots of snow and high winds. Aghhhh
- 20th: 16 -18" is my best guess; drifts 3 to 4 feet.
- 22nd: Snow falling again with about 6-8 inches predicted.
- 23rd: About 10 inches yesterday.