



Santa Fe Trail Ranch

Climatological Data
for

2009

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

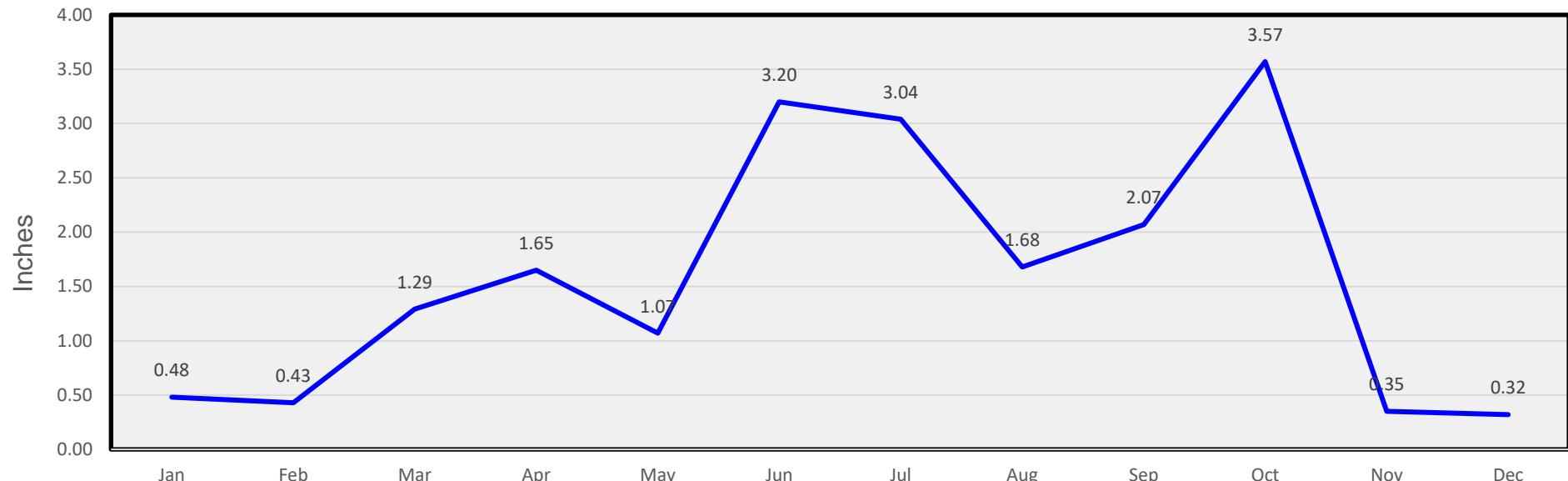
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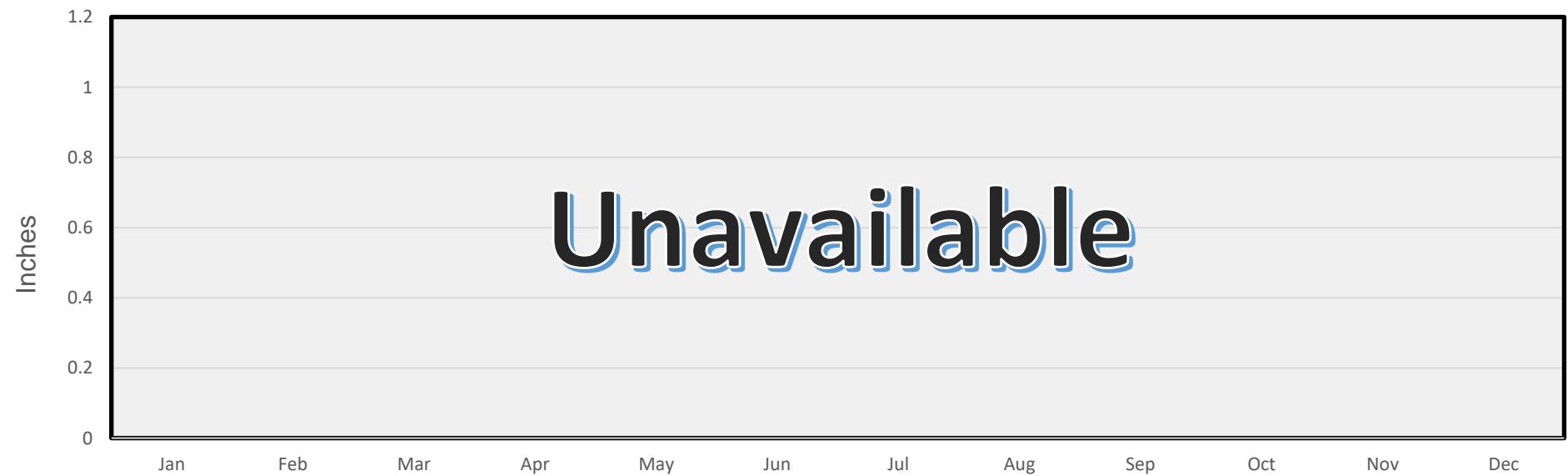
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Charts

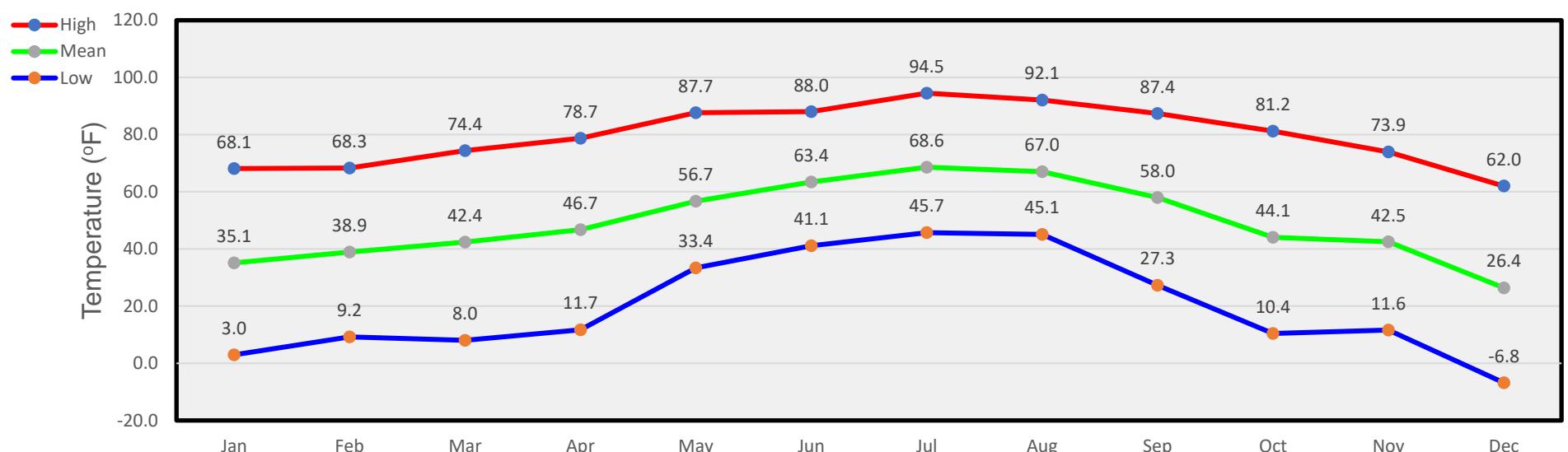
Monthly Precipitation



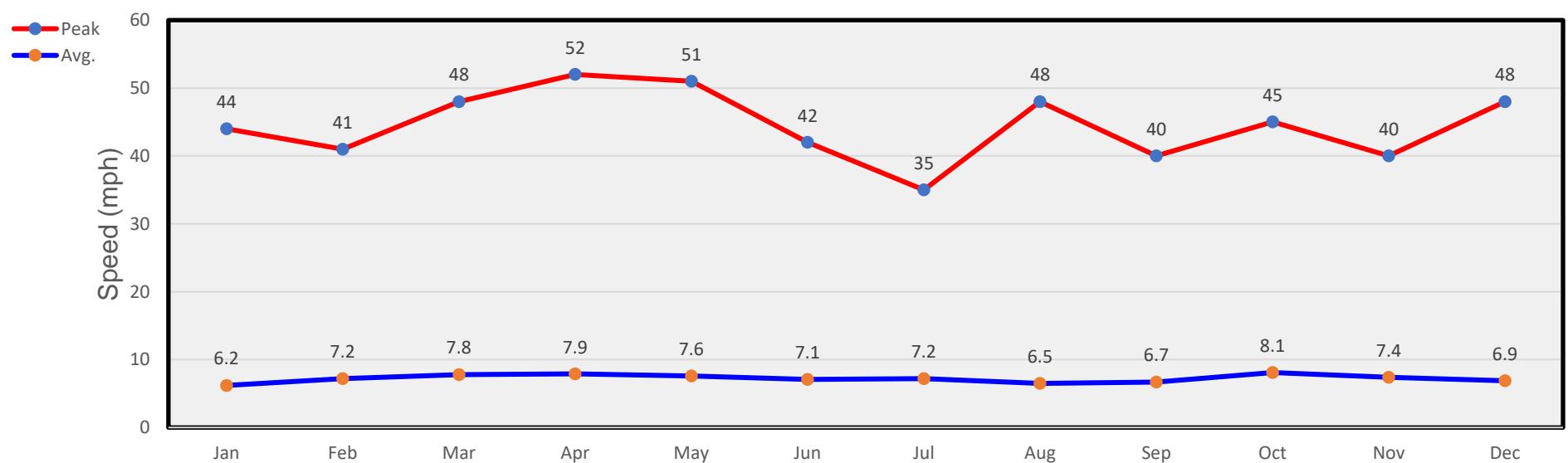
Monthly Snow



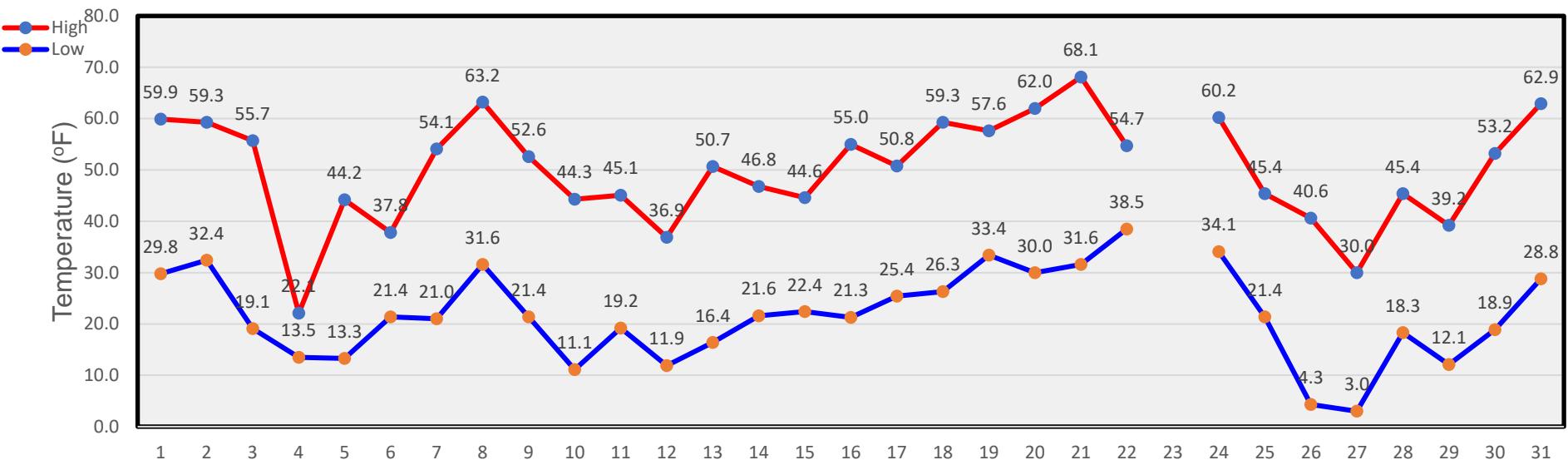
Monthly Temperatures



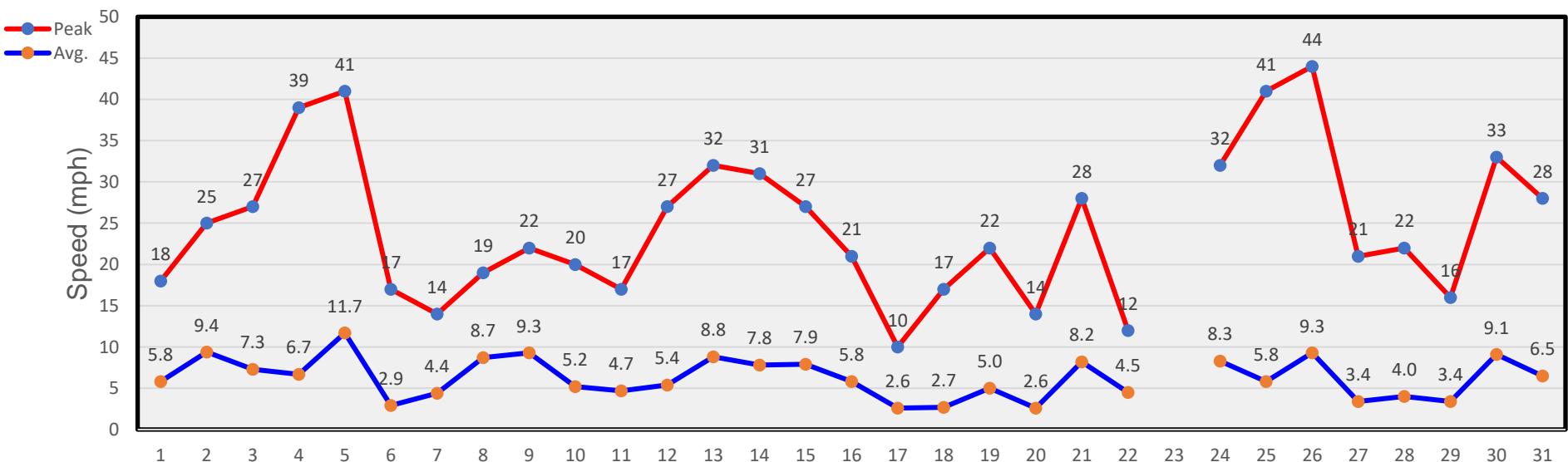
Monthly Winds



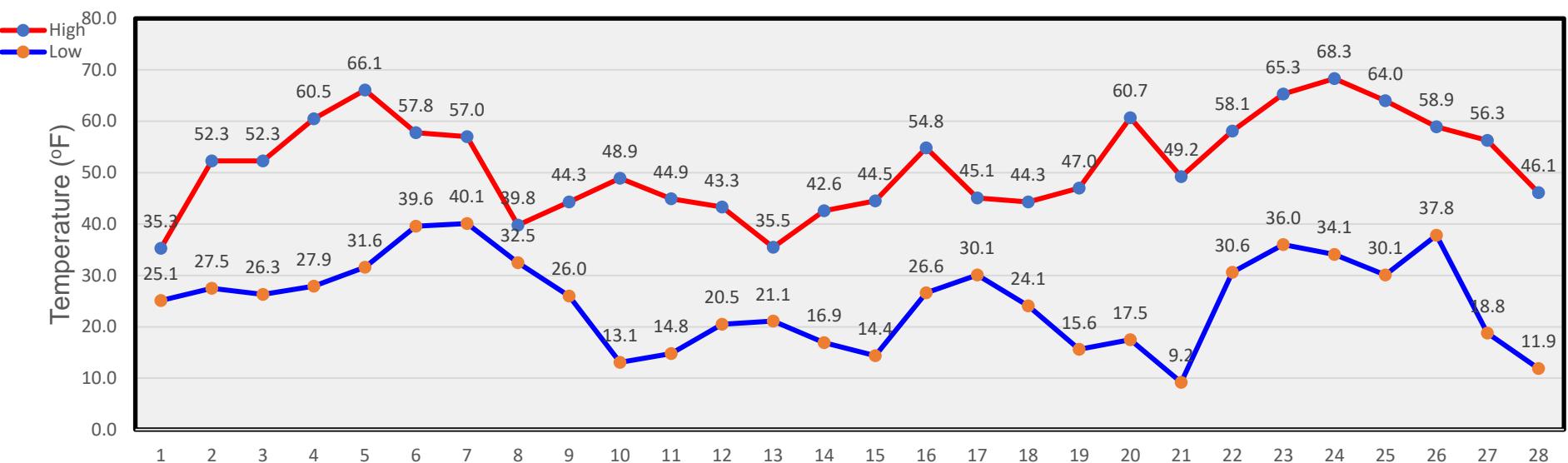
January Temperatures



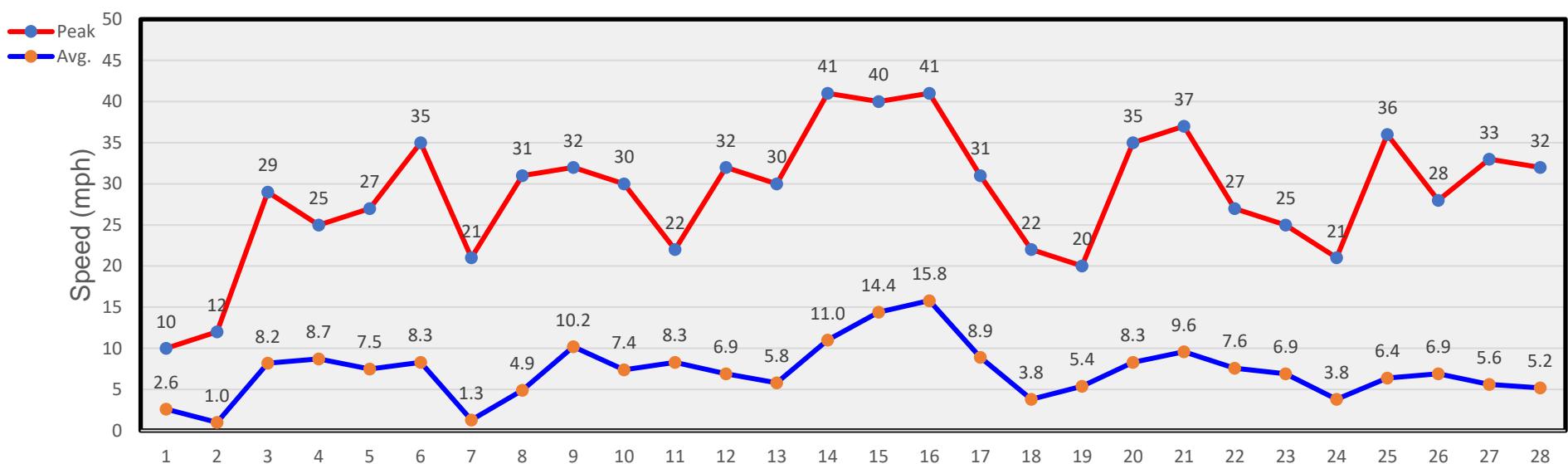
January Winds



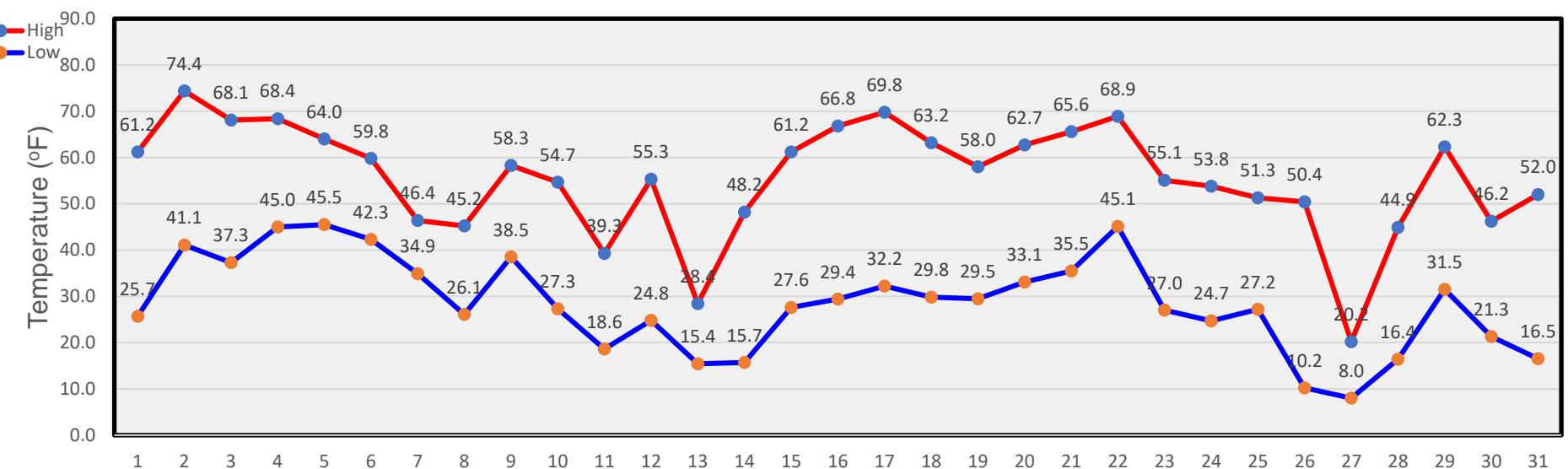
February Temperatures



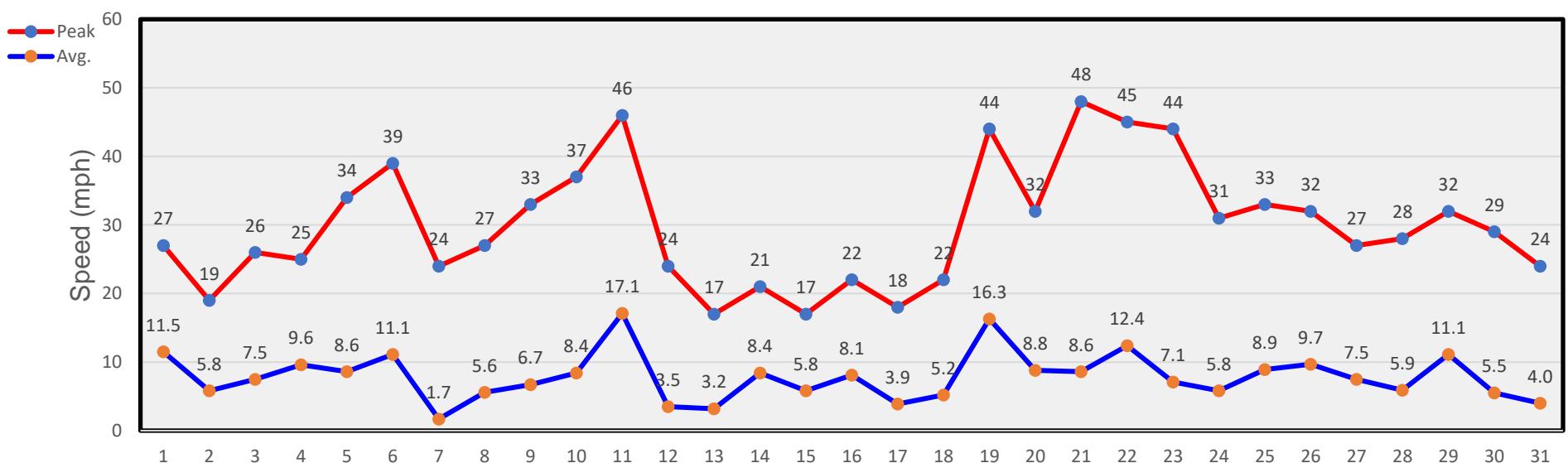
February Winds



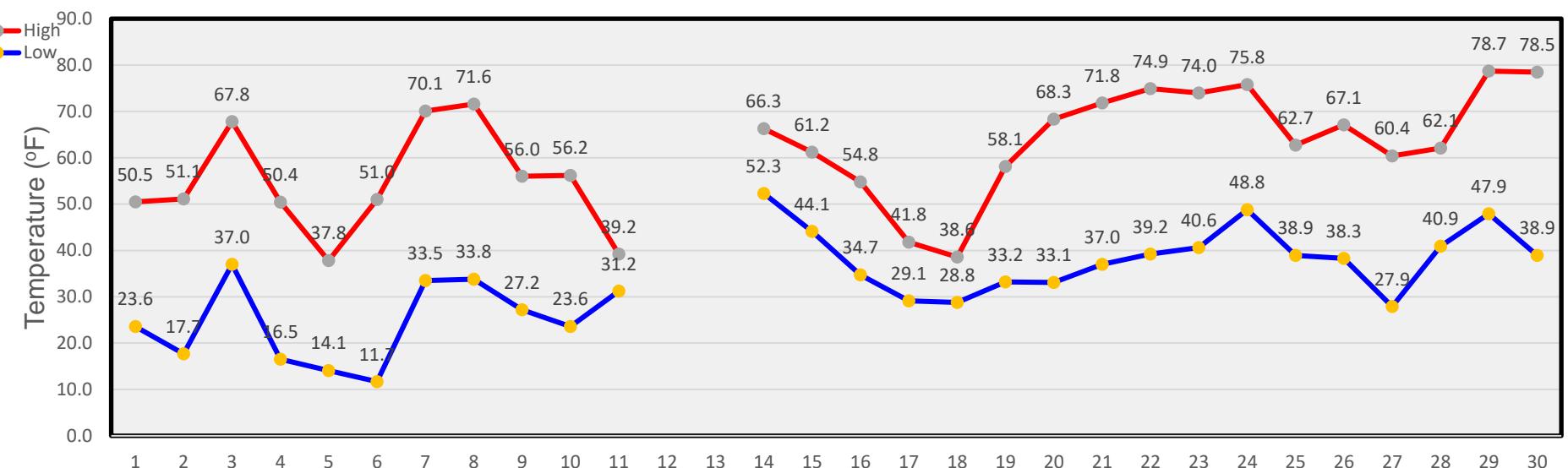
March Temperatures



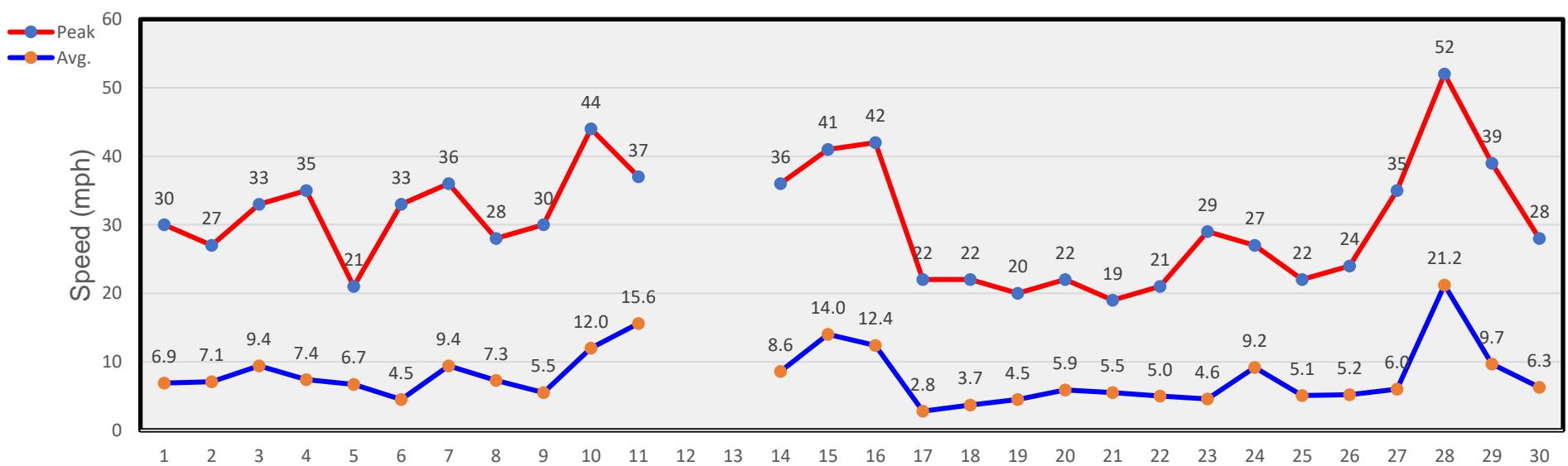
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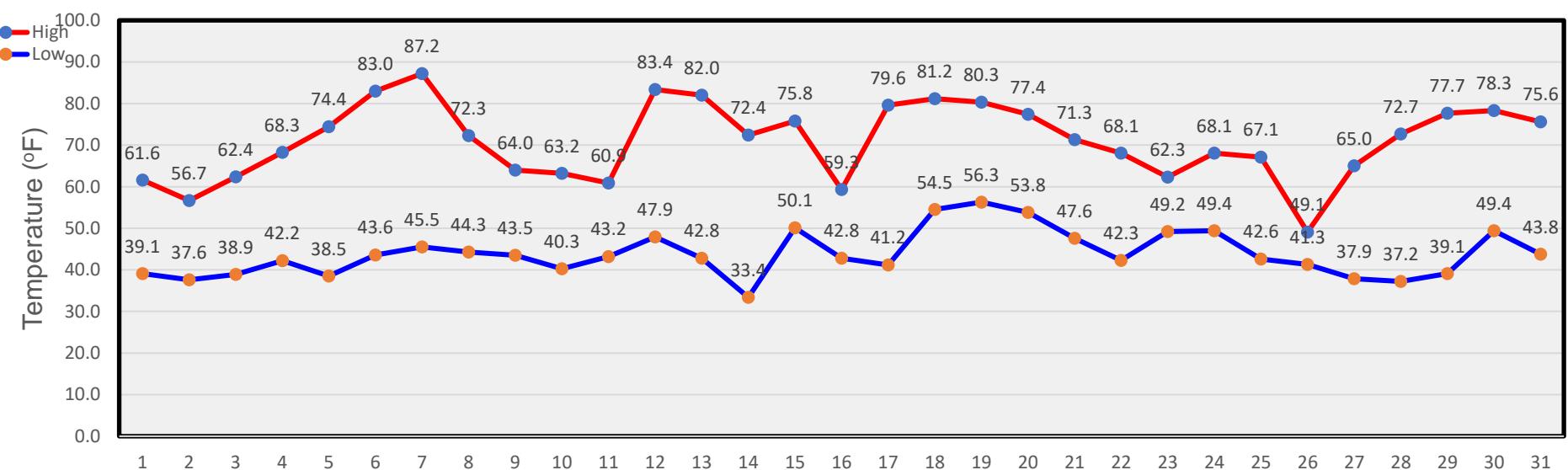
April Temperatures



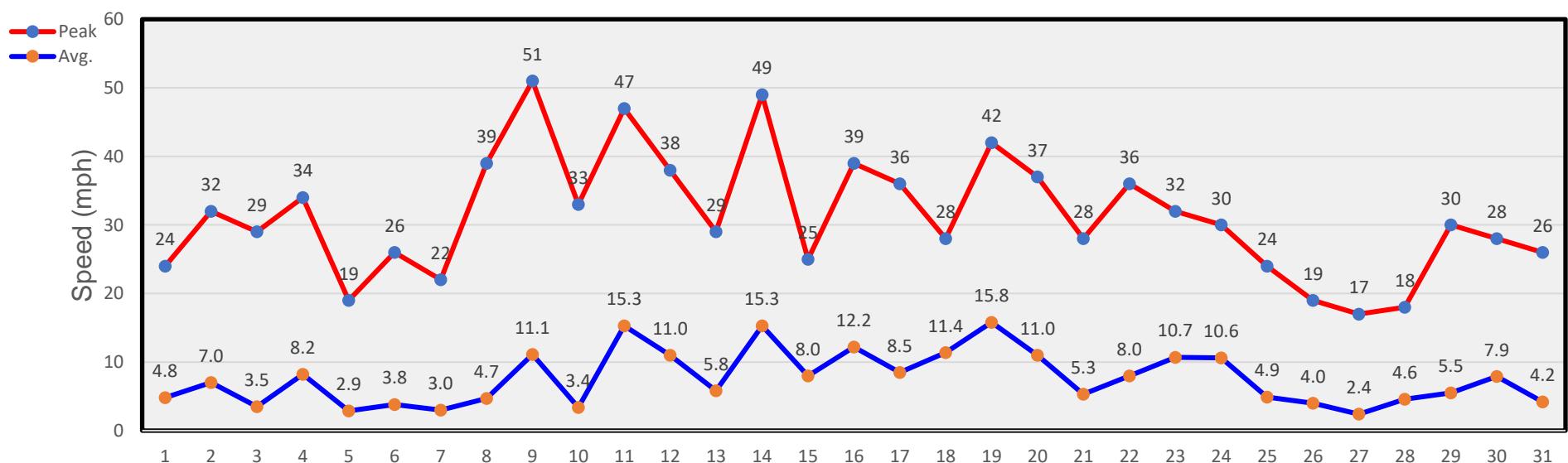
April Winds



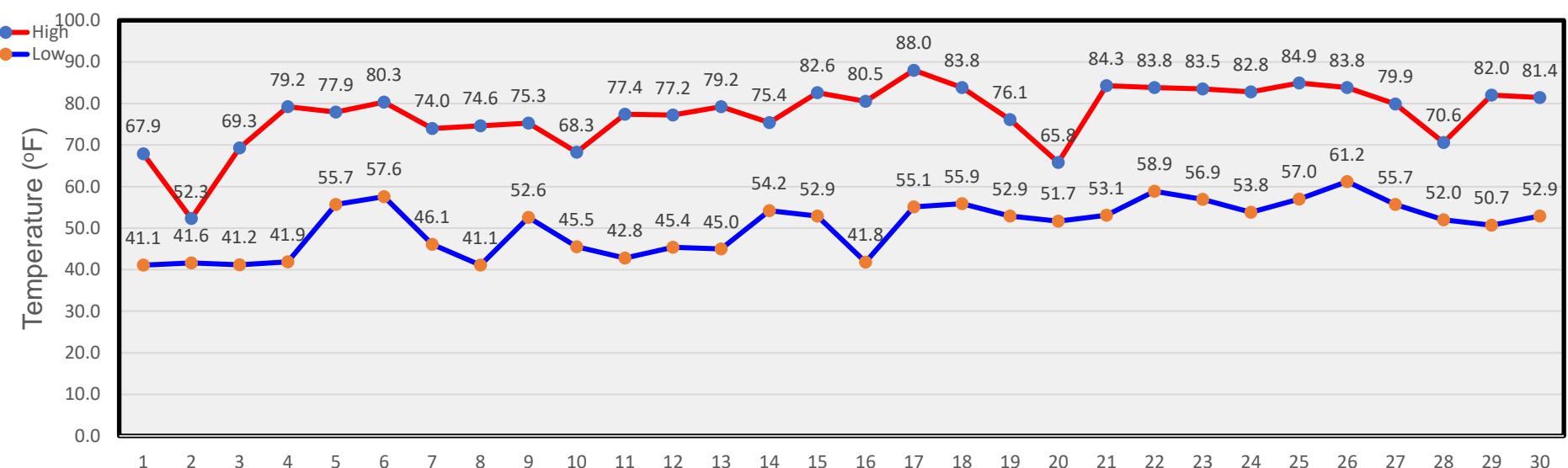
May Temperatures



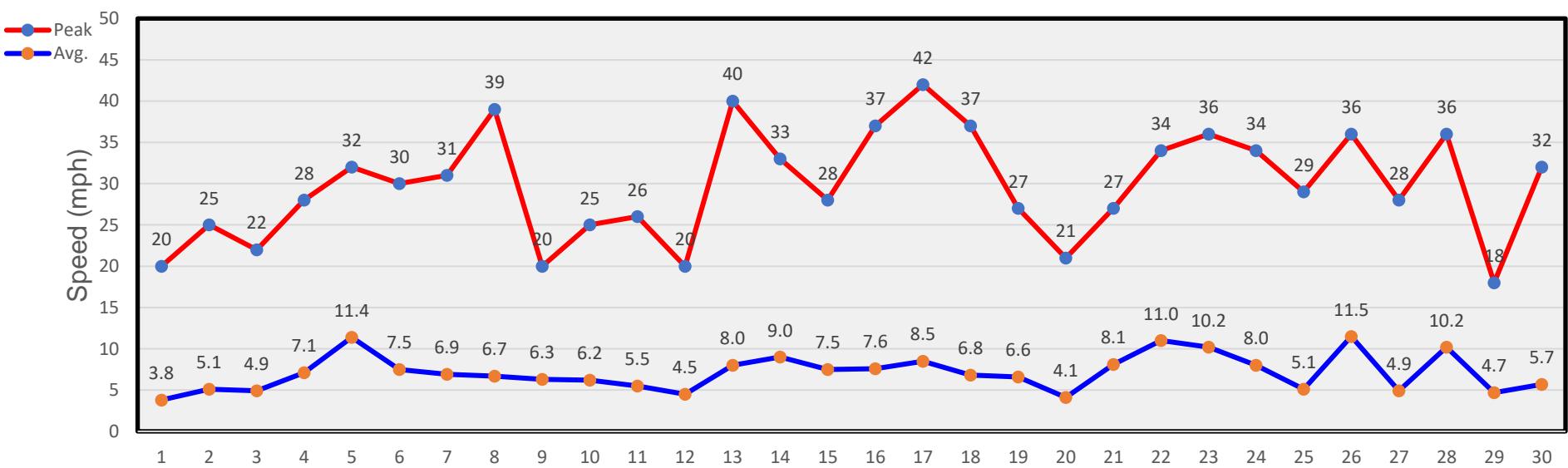
May Winds



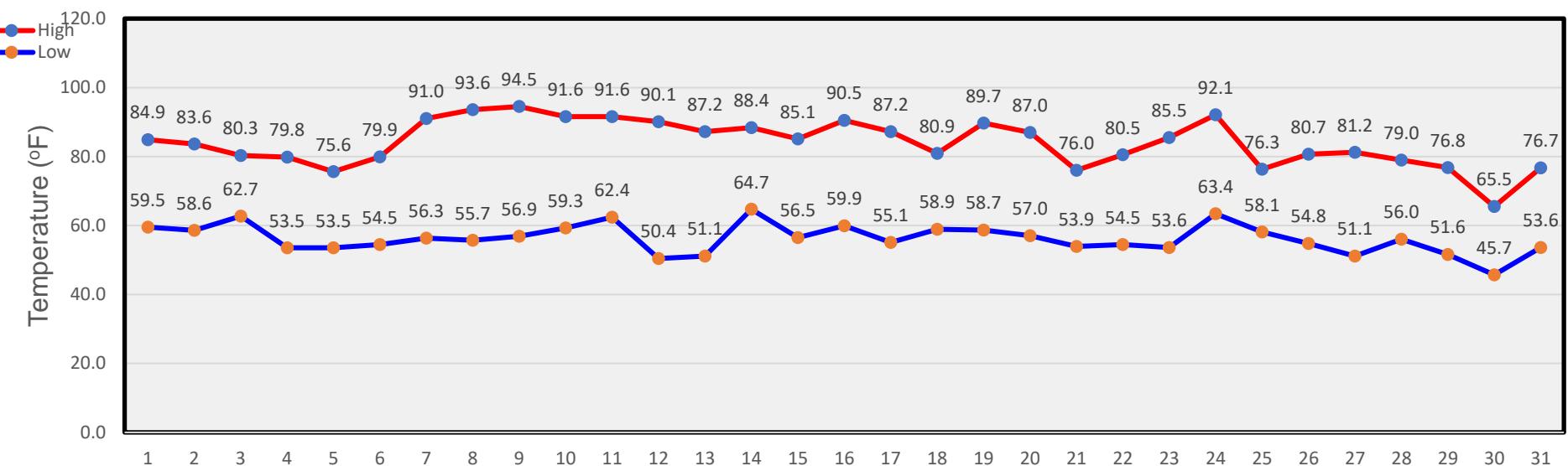
June Temperatures



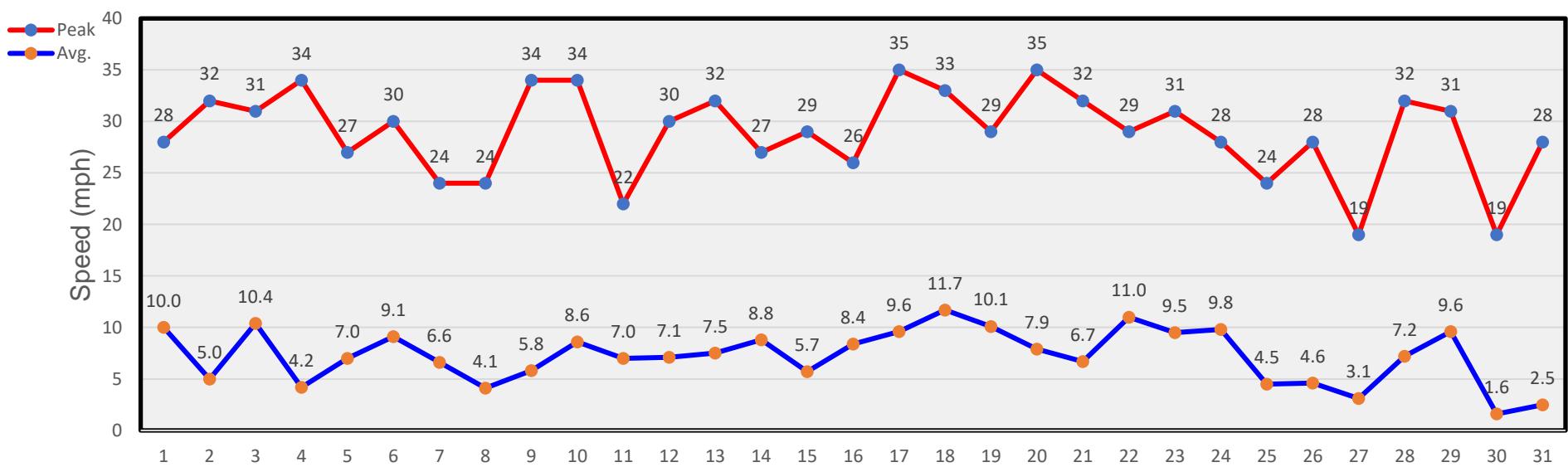
June Winds



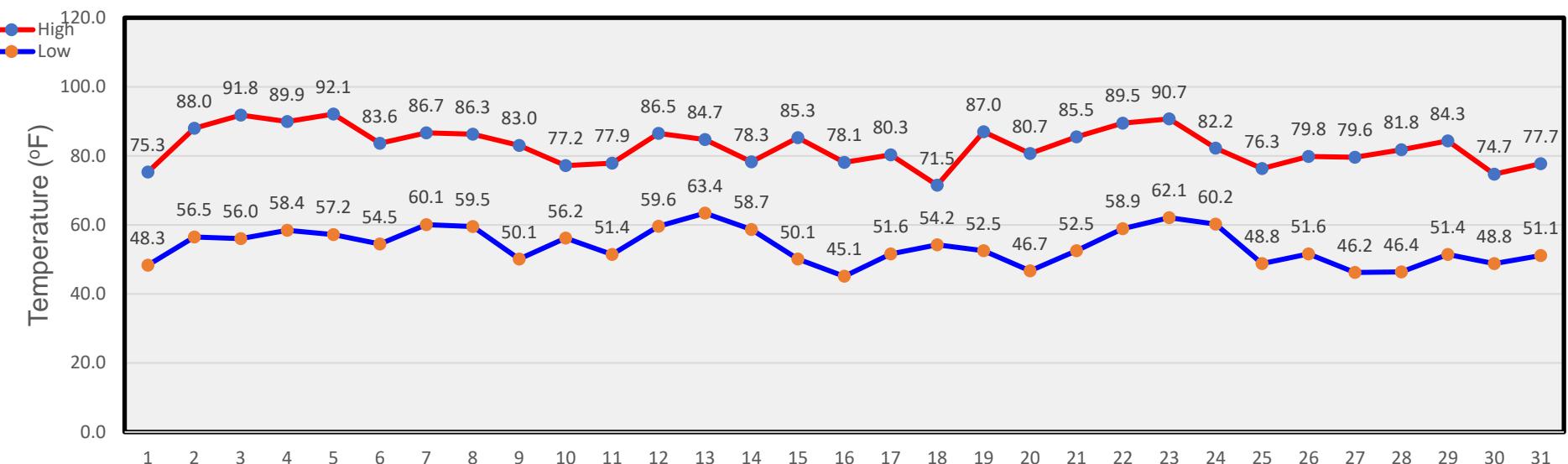
July Temperatures



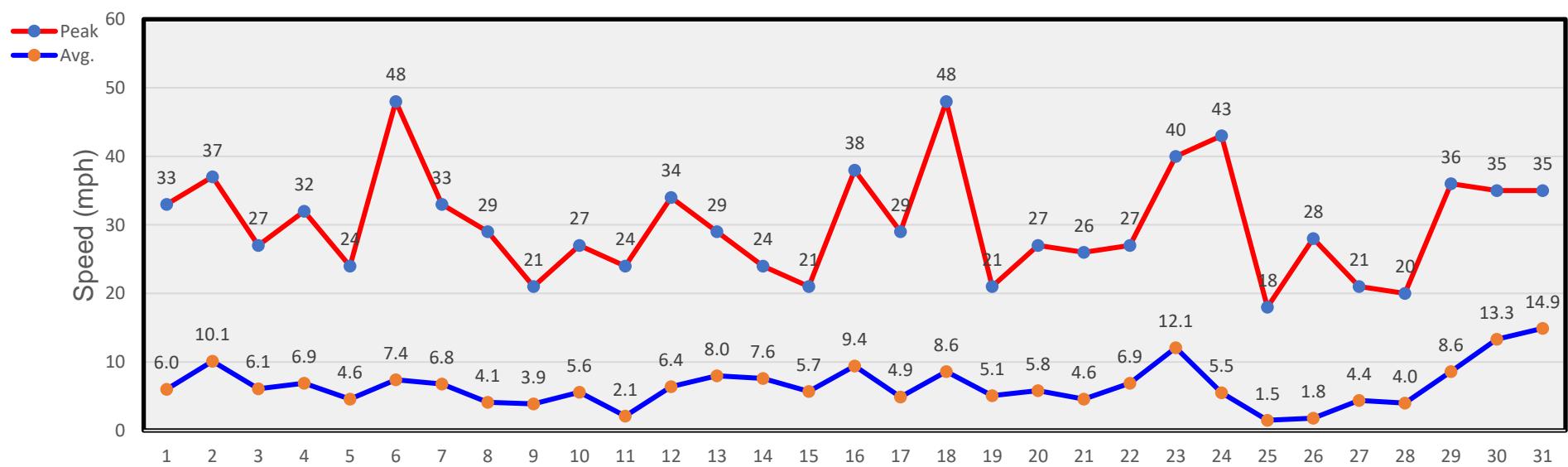
July Winds



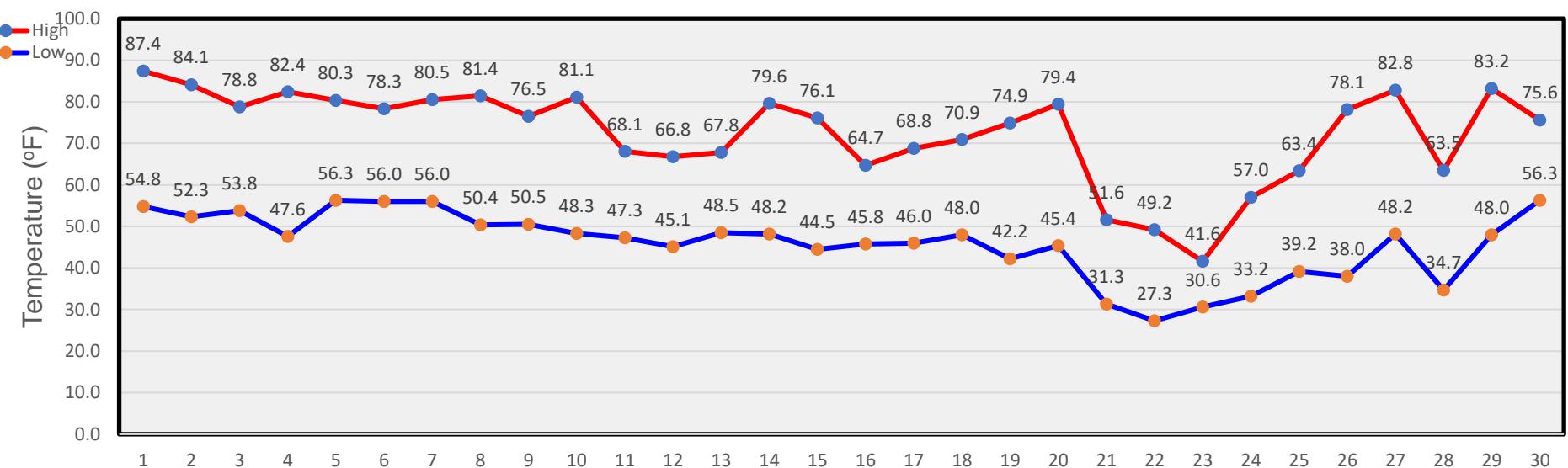
August Temperatures



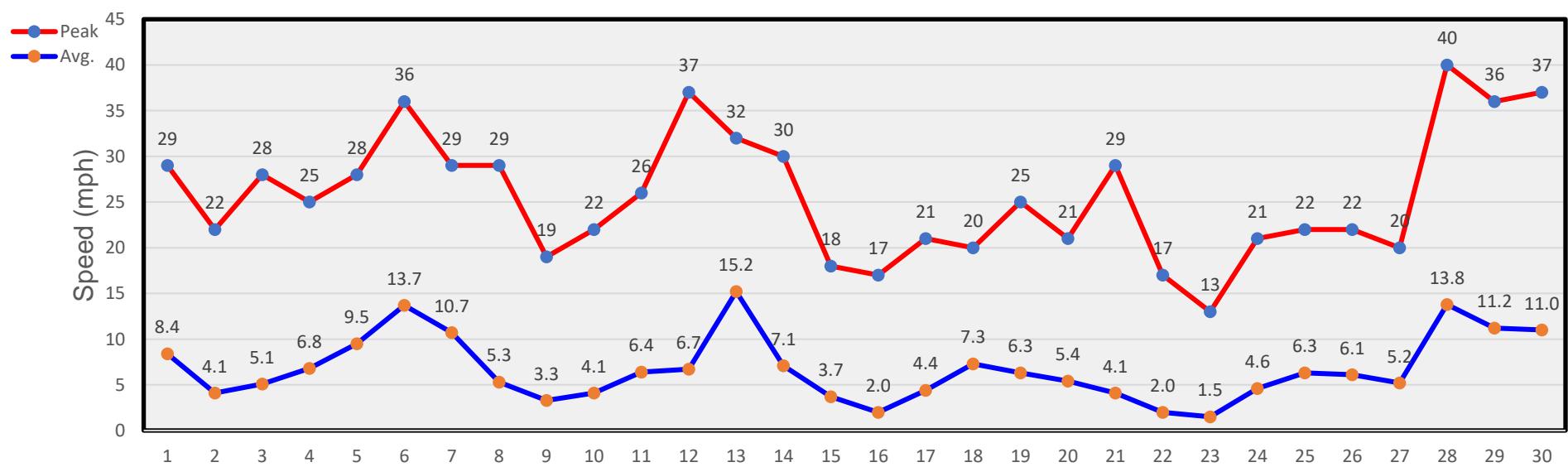
August Winds



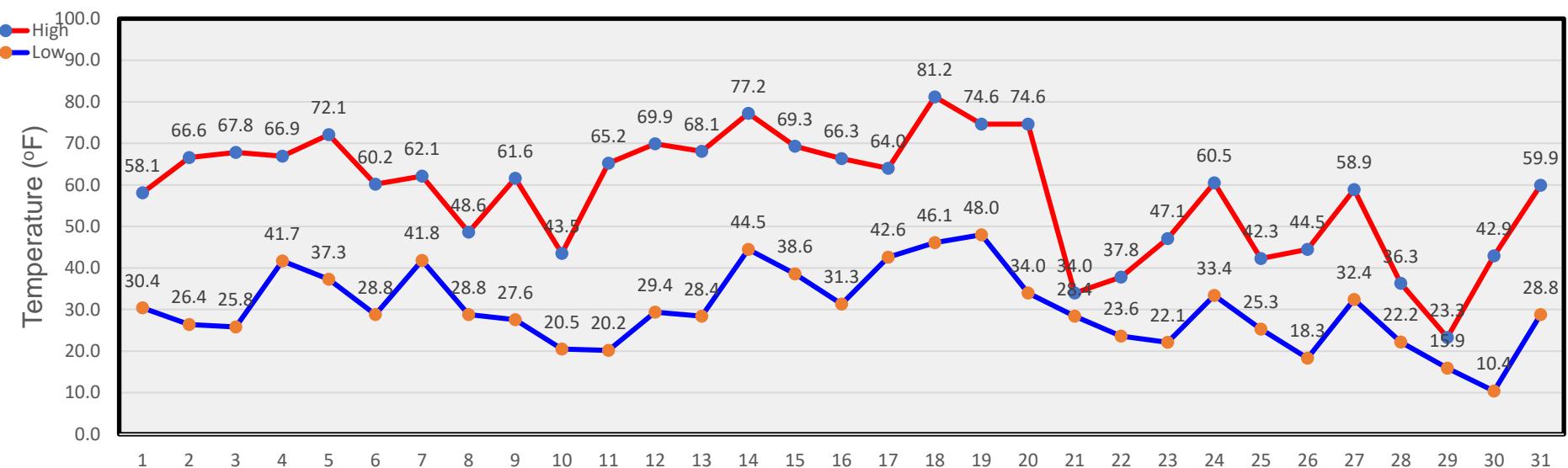
September Temperatures



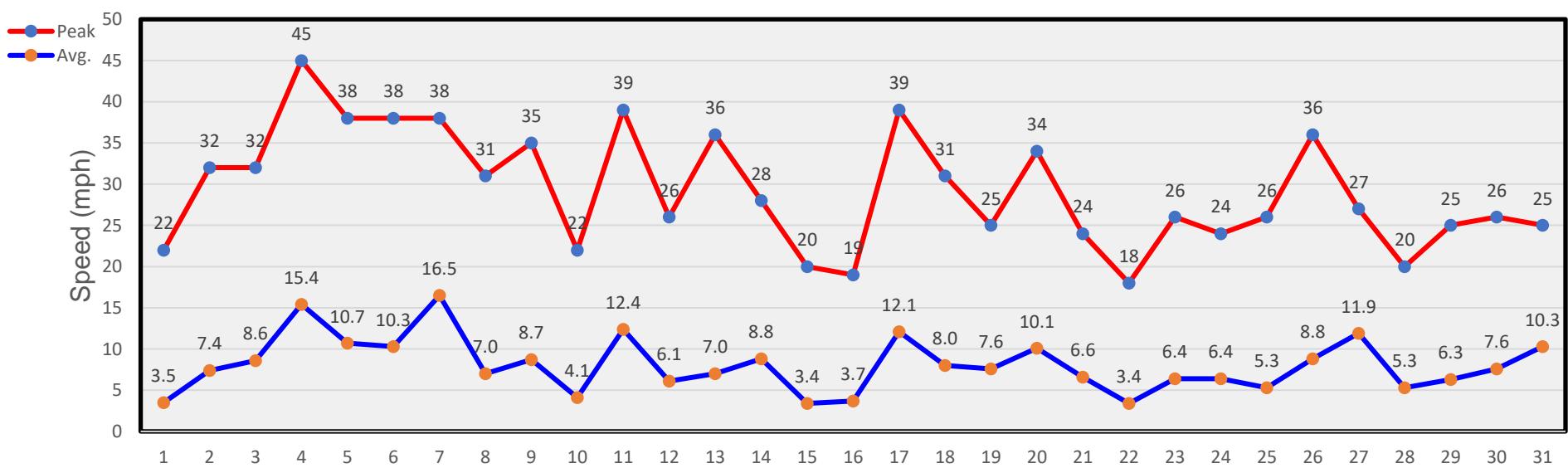
September Winds



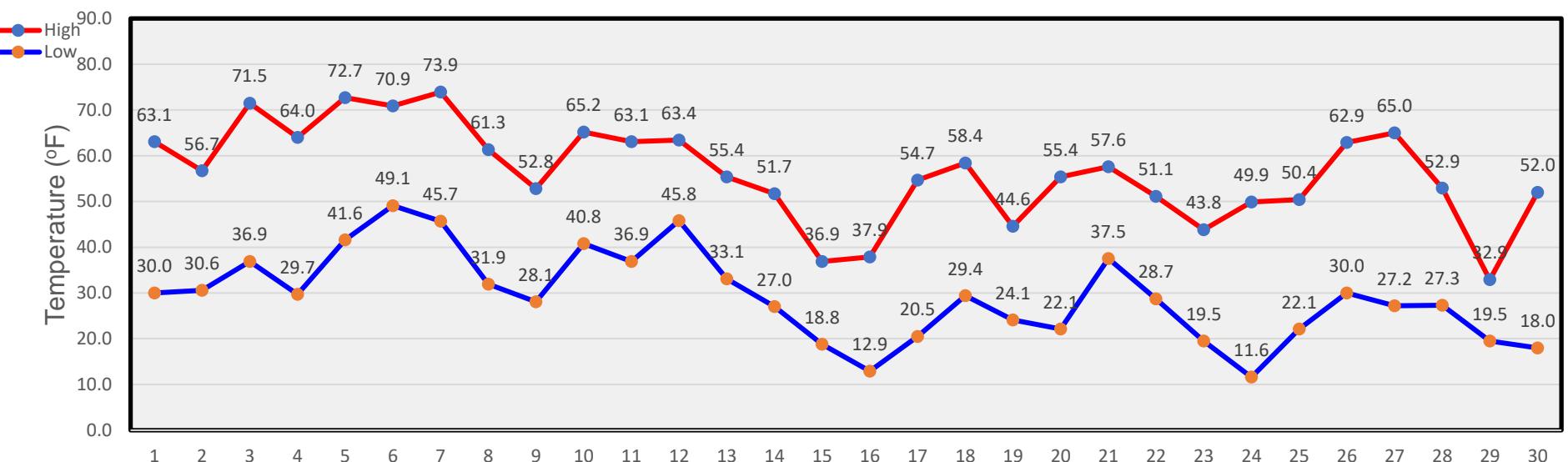
October Temperatures



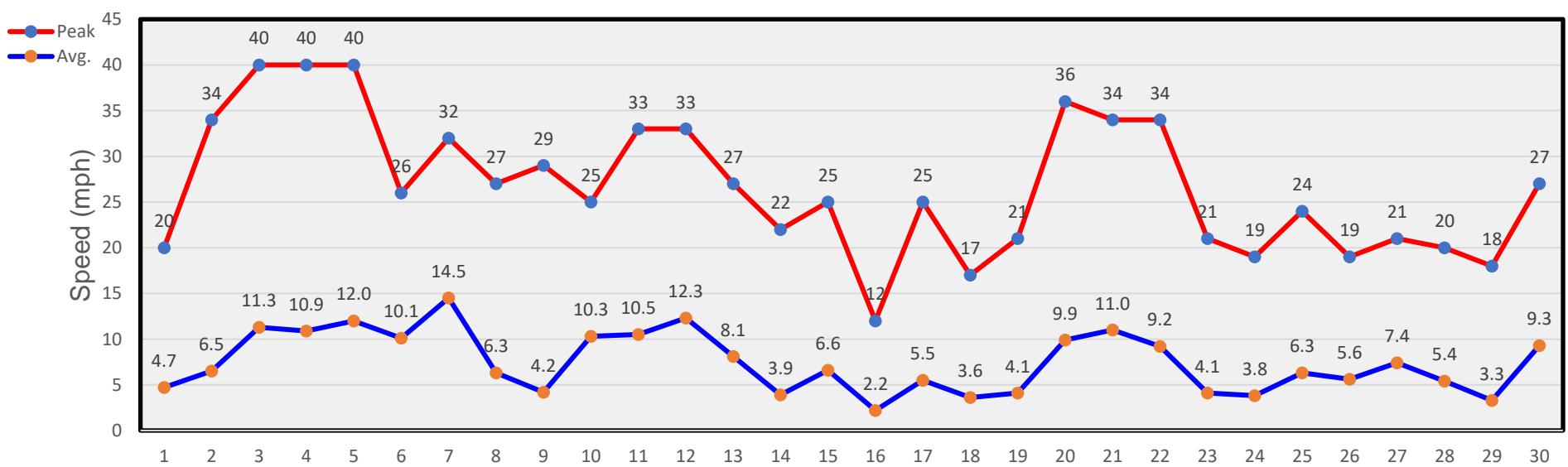
October Winds



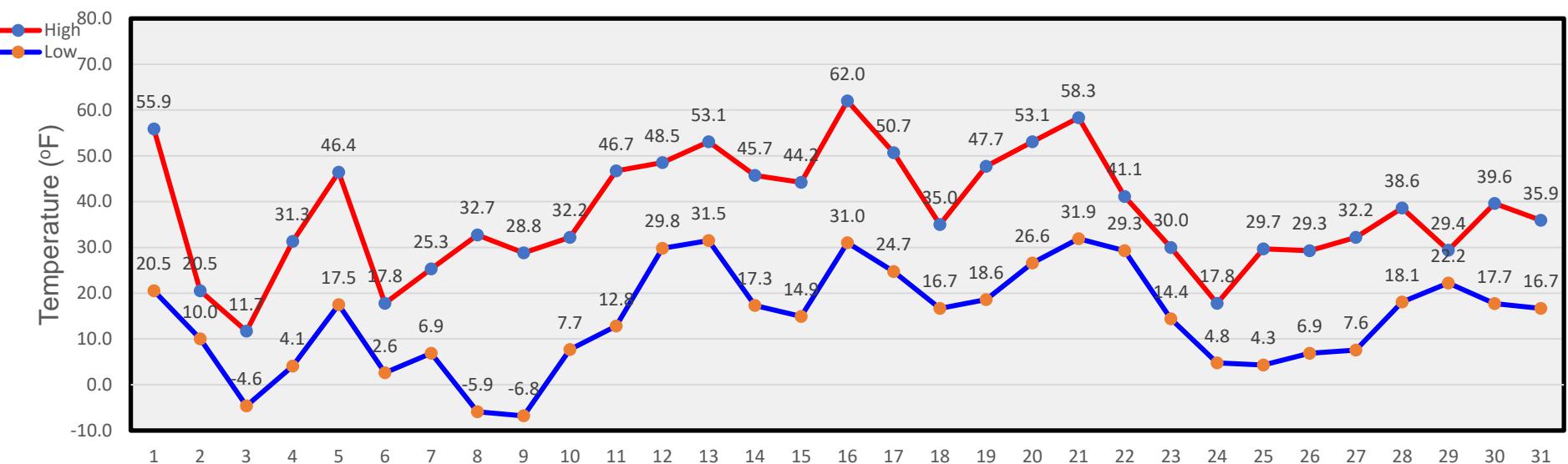
November Temperatures



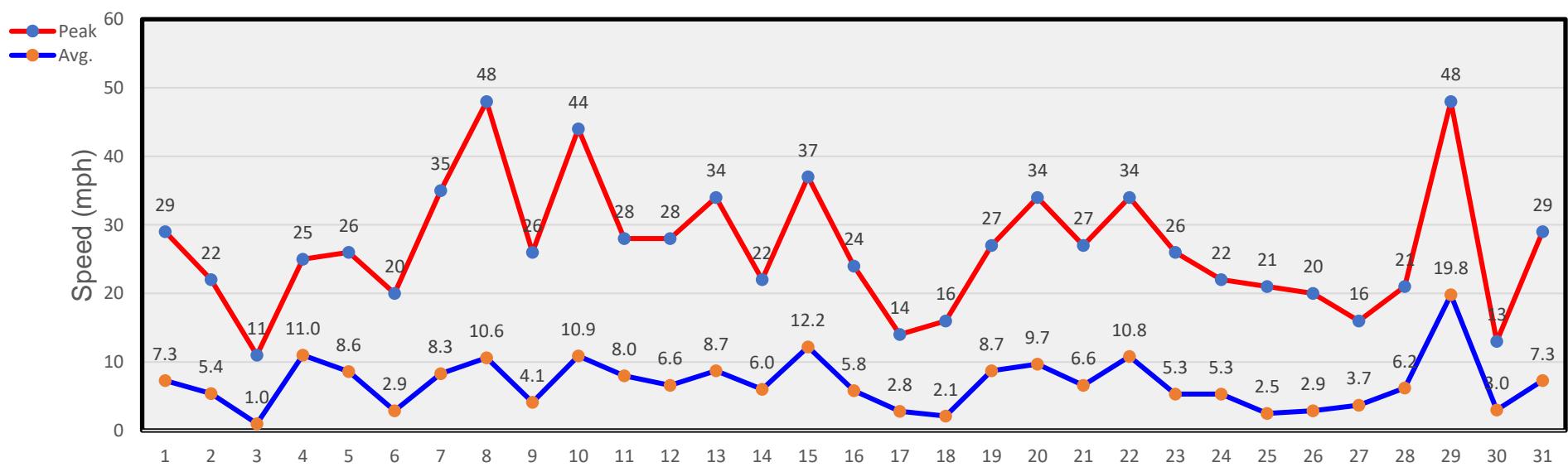
November Winds



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	42.5	59.9	1:30p	29.8	7:15a	20.2			5.8	18	1:00a	ESE
2	45.1	59.3	2:45p	32.4	2:45a	19.2			9.4	25	10:45p	SE
3	38.8	55.7	1:15p	19.1	12:00m	27.6			7.3	27	1:00a	N
4	16.7	22.1	1:30p	13.5	10:45p	47.2		0.05	6.7	39	11:00p	SSE
5	28.0	44.2	12:45p	13.3	1:15a	36.3		0.08	11.7	41	12:30a	SSE
6	29.6	37.8	2:45p	21.4	6:30a	35.4			2.9	17	12:45p	N
7	40.0	54.1	3:45p	21.0	1:45a	27.5			4.4	14	2:15a	ESE
8	45.1	63.2	12:00p	31.6	6:45a	17.6			8.7	19	11:30p	SSE
9	36.1	52.6	9:30a	21.4	12:00m	28.0		0.08	9.3	22	2:15p	N
10	28.1	44.3	2:45p	11.1	7:45a	37.3			5.2	20	10:45a	ESE
11	31.4	45.1	1:45p	19.2	4:15a	32.8			4.7	17	12:45p	ESE
12	24.9	36.9	6:45a	11.9	9:45p	40.6		0.26	5.4	27	11:45p	N
13	32.6	50.7	12:30p	16.4	12:15a	31.5			8.8	32	1:30a	E
14	35.1	46.8	1:15p	21.6	6:00a	30.8			7.8	31	9:45p	SE
15	33.4	44.6	12:30p	22.4	7:45a	31.5			7.9	27	9:00p	N
16	37.7	55.0	2:00p	21.3	6:30p	26.8			5.8	21	10:30p	N
17	35.8	50.8	3:00p	25.4	11:00p	26.9			2.6	10	7:00p	E
18	40.8	59.3	1:45p	26.3	1:15a	22.2			2.7	17	2:45p	NNW
19	44.1	57.6	1:15p	33.4	2:00a	19.5			5.0	22	3:15p	NNW
20	40.6	62.0	3:00p	30.0	5:30a	19.0			2.6	14	11:15p	N
21	47.4	68.1	11:45a	31.6	2:00a	15.2			8.2	28	3:00p	ESE
22	44.2	54.7	9:45a	38.5	1:15a	18.4			4.5	12	2:15a	ESE
23												
24	49.0	60.2	2:15p	34.1	8:30a	17.8			8.3	32	12:30p	SSE
25	35.4	45.4	1:00a	21.4	7:30a	31.6			5.8	41	12:00m	NNW
26	16.3	40.6	9:16a	4.3	11:30a	42.6		0.01	9.3	44	12:30a	NNW
27	15.0	30.0	3:15p	3.0	2:15a	48.5			3.4	21	11:45p	NNW
28	31.9	45.4	11:45a	18.3	1:00a	33.1			4.0	22	12:45p	N
29	25.9	39.2	3:00p	12.1	6:45a	39.3			3.4	16	6:15p	E
30	37.2	53.2	12:15p	18.9	1:00a	29.0			9.1	33	8:00p	SE
31	44.2	62.9	2:00p	28.8	6:00a	19.2			6.5	28	12:15a	SSE
--	35.1 ¹	68.1 ³	21 st	3.0 ³	27 th	872.4 ²	²	0.48 ²	6.2 ¹	44 ³	26 th	N

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

- 13th: About 3" of blowing snow yesterday.

Heat Base: 65.0 Cool Base: 65.0

Method: (High + Low) / 2 (per ¼ hour)

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	30.5	35.3	12:15a	25.1	6:45a	34.8			2.6	10	12:15a	N
2	43.0	52.3	6:15a	27.5	12:30a	25.1			1.0	12	10:00a	N
3	39.5	52.3	7:30a	26.3	12:30a	25.7			8.2	29	2:15p	N
4	44.8	60.5	7:30a	27.9	12:30a	20.8			8.7	25	1:15p	SSE
5	50.5	66.1	7:15a	31.6	12:45a	16.2			7.5	27	10:30p	N
6	47.5	57.8	6:15a	39.6	9:30a	16.3			8.3	35	3:15a	N
7	50.1	57.0	6:30a	40.1	12:45a	16.5			1.3	21	12:15a	N
8	36.2	39.8		32.5		28.8		0.06	4.9	31		N
9	34.1	44.3		26.0		29.8			10.2	32		N
10	29.1	48.9		13.1		34.0		0.36	7.4	30		N
11	34.2	44.9	2:15p	14.8	12:15a	35.1			8.3	22	11:45p	N
12	33.1	43.3	4:30p	20.5	7:00a	33.1			6.9	32	6:45p	N
13	28.4	35.5	12:15a	21.1	11:30p	36.7			5.8	30	11:15p	N
14	28.6	42.6	1:15p	16.9	6:30a	35.3			11.0	41	3:30a	N
15	31.1	44.5	2:15p	14.4	5:00a	35.5			14.4	40	12:00m	SSE
16	39.6	54.8	3:15p	26.6	5:30a	24.3			15.8	41	1:00a	N
17	39.0	45.1	2:15p	30.1	11:15p	27.4			8.9	31	1:00p	N
18	33.8	44.3	3:00p	24.1	11:45p	30.8			3.8	22	10:45a	N
19	31.3	47.0	2:30p	15.6	5:45a	33.7			5.4	20	3:45p	ESE
20	39.9	60.7	1:00p	17.5	12:00m	25.9		0.01	8.3	35	9:45p	N
21	30.3	49.2	1:30p	9.2	7:00a	35.8			9.6	37	9:15p	N
22	45.0	58.1	2:00p	30.6	6:45a	20.7			7.6	27	12:15a	N
23	52.1	65.3	12:00p	36.0	1:15a	14.3			6.9	25	7:45a	N
24	50.9	68.3	1:45p	34.1	6:15a	13.8			3.8	21	12:45p	N
25	48.9	64.0	2:30p	30.1	5:30a	18.0			6.4	36	11:45p	N
26	48.5	58.9	2:45p	37.8	10:30p	16.7			6.9	28	1:30a	N
27	38.9	56.3	1:30p	18.8	12:00m	27.5			5.6	33	4:30p	N
28	29.9	46.1	2:30p	11.9	3:45a	36.0			5.2	32	11:15p	N
--	38.9 ¹	68.3 ³	24 th	9.2 ³	21 st	748.5 ²	2	0.43 ²	7.2 ¹	41 ³	14 th	N

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

• 11th: About 3 inches of snow last night with 0.36" of moisture.

Heat Base: 65.0 Cool Base: 65.0

Method: (High + Low) / 2 (per ¼ hour)

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	43.8	61.2	2:30p	25.7	4:45a	21.5			11.5	27	12:30a	N
2	57.0	74.4	2:15p	41.1	12:15a	7.3			5.8	19	8:45p	ESE
3	54.0	68.1	1:15p	37.3	4:15a	12.3			7.5	26	3:15p	N
4	55.8	68.4	2:45p	45.0	6:45a	8.3			9.6	25	1:15p	N
5	53.2	64.0	1:30p	45.5	7:00a	10.3			8.6	34	3:30p	N
6	49.5	59.8	1:30p	42.3	10:45p	14.0			11.1	39	4:15p	S
7	39.8	46.4	12:15a	34.9	5:45a	24.3			1.7	24	1:00a	N
8	37.3	45.2	7:00p	26.1	4:00a	29.3			5.6	27	12:00m	N
9	47.5	58.3	12:30p	38.5	11:45p	16.6			6.7	33	11:00a	N
10	40.2	54.7	2:10p	27.3	8:25p	24.0			8.4	37	11:55p	N
11	24.9	39.3	4:30p	18.6	6:20a	36.0			17.1	46	11:00a	S
12	37.8	55.3	9:00a	24.8	12:05a	25.0		0.14	3.5	24	12:05a	N
13	24.5	28.4	7:50a	15.4	11:45p	43.1		0.16	3.2	17	7:40a	NNW
14	36.1	48.2	8:00a	15.7	12:05a	33.0			8.4	21	8:40a	N
15	43.9	61.2	9:15a	27.6	1:40a	20.6			5.8	17	4:10p	N
16	50.7	66.8	9:25a	29.4	1:20a	16.9			8.1	22	4:45a	ESE
17	52.5	69.8	8:10a	32.2	1:05a	14.0			3.9	18	9:45a	ESE
18	47.2	63.2	8:50a	29.8	12:00m	18.5			5.2	22	11:15a	N
19	45.9	58.0	9:45a	29.5	12:10a	21.3			16.3	44	3:40p	SE
20	49.1	62.7	10:45a	33.1	10:30p	17.1			8.8	32	12:10p	SSE
21	55.1	65.6	3:40p	35.5	12:10a	14.5		0.02	8.6	48	12:50p	N
22	56.5	68.9	3:00p	45.1	6:20a	8.0			12.4	45	10:10p	N
23	41.4	55.1	12:05p	27.0	12:00m	24.0			7.1	44	3:15a	N
24	39.6	53.8	1:50p	24.7	2:40a	25.8			5.8	31	7:20p	N
25	38.4	51.3	4:35p	27.2	7:00a	25.8			8.9	33	3:20a	N
26	29.0	50.4	12:45p	10.2	11:20p	34.7		0.75	9.7	32	5:25p	NNW
27	13.7	20.2	6:45p	8.0	6:25a	50.9		0.22	7.5	27	1:55a	NNW
28	29.7	44.9	5:50p	16.4	4:45a	34.3			5.9	28	10:45p	NNW
29	47.7	62.3	3:00p	31.5	3:25a	18.1			11.1	32	9:00a	N
30	36.3	46.2	12:10a	21.3	12:00m	31.3			5.5	29	9:20a	N
31	35.8	52.0	5:25p	16.5	4:25a	30.8			4.0	24	3:30p	N
--	42.4 ¹	74.4 ³	2 nd	8.0 ³	27 th	711.3 ²	2	1.29 ²	7.8 ¹	48 ³	21 st	N

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)

- 13th: About 2.5" of VERY welcome snow last night. More predicted for today.
- 27th: From 8"-10" inches of blowing snow last night and this morning with more expected.

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	37.8	50.5	1:00p	23.6	12:00m	28.0		0.12	6.9	30	11:05p	N
2	34.3	51.1	6:10p	17.7	4:15a	30.6			7.1	27	5:05p	NNW
3	50.7	67.8	2:50p	37.0	12:05a	12.6			9.4	33	5:15p	N
4	33.8	50.4	12:15p	16.5	12:00m	31.5		0.14	7.4	35	12:10a	N
5	23.1	37.8	6:05p	14.1	8:25a	39.0		0.01	6.7	21	6:45a	NNW
6	32.7	51.0	5:55p	11.7	7:55a	33.6			4.5	33	11:30p	NNW
7	50.6	70.1	3:05p	33.5	4:45a	13.2			9.4	36	12:10a	N
8	55.0	71.6	3:55p	33.8	3:40a	12.3			7.3	28	2:55p	N
9	43.7	56.0	2:40p	27.2	11:50p	23.4			5.5	30	12:20p	N
10	40.3	56.2	3:20p	23.6	6:35a	25.1			12.0	44	7:05p	SE
11	34.9	39.2	12:05a	31.2	11:00a	29.8		0.10	15.6	37	9:00a	SSE
12								0.58				
13												
14	59.9	66.3	5:10p	52.3	11:45p	5.7			8.6	36	12:00m	S
15	51.0	61.2	11:25a	44.1	6:45a	12.3			14.0	41	12:15p	N
16	46.0	54.8	11:50a	34.7	11:30p	20.3			12.4	42	5:40p	SE
17	33.5	41.8	10:55a	29.1	11:25p	29.5		0.45	2.8	22	5:15a	N
18	33.5	38.6	1:40p	28.8	6:30a	31.3		0.25	3.7	22	1:50p	NNW
19	43.5	58.1	5:00p	33.2	2:45a	19.3			4.5	20	9:50a	N
20	51.7	68.3	5:05p	33.1	6:20a	14.3			5.9	22	12:40a	N
21	56.3	71.8	2:00p	37.0	2:45a	10.6			5.5	19	9:45p	N
22	58.1	74.9	3:05p	39.2	4:55a	7.9			5.0	21	12:00p	ESE
23	56.6	74.0	11:25a	40.6	3:55a	7.7			4.6	29	3:55p	N
24	62.0	75.8	3:50p	48.8	5:30a	2.7			9.2	27	9:30a	N
25	51.9	62.7	2:50p	38.9	7:05a	14.2			5.1	22	12:40a	NNW
26	52.5	67.1	3:20p	38.3	1:10a	12.3			5.2	24	8:15a	N
27	45.7	60.4	1:20p	27.9	4:29a	20.8			6.0	35	5:45p	N
28	49.9	62.1	3:20p	40.9	6:25a	13.5			21.2	52	12:05p	SSE
29	60.7	78.7	4:30p	47.9	7:10a	1.7			9.7	39	12:05a	N
30	58.7	78.5	5:15p	38.9	6:30a	6.3			6.3	28	11:25p	NNW
--	46.7 ¹	78.7 ³	29 th	11.7 ³	6 th	509.8 ²	²	1.65 ²	7.9 ¹	52 ³	28 th	N

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)

- 15th: No data for the days shown....my computer HD crashed...AGHHHH!

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	48.2	61.6	1:10p	39.1	12:00m	14.7			4.8	24	2:55p	NNW
2	44.3	56.7	2:55p	37.6	5:00a	17.8		0.19	7.0	32	2:30p	NNW
3	46.4	62.4	4:10p	38.9	5:45a	14.3		0.08	3.5	29	5:45p	NNW
4	51.6	68.3	1:45p	42.2	6:45a	9.8			8.2	34	8:00a	N
5	53.9	74.4	3:50p	38.5	4:40a	8.5			2.9	19	9:35p	ESE
6	65.3	83.0	3:45p	43.6	5:05a	1.7			3.8	26	5:15p	N
7	67.8	87.2	3:10p	45.5	5:15a		1.3		3.0	22	4:10p	N
8	56.8	72.3	2:40p	44.3	11:00p	6.7			4.7	39	5:20p	NNW
9	54.8	64.0	3:40p	43.5	1:50a	11.3			11.1	51	3:45p	SE
10	54.7	63.2	3:30p	40.3	6:00a	13.3			3.4	33	4:15a	N
11	53.0	60.9	5:05p	43.2	12:40p	12.9			15.3	47	2:15p	SE
12	67.2	83.4	4:10p	47.9	5:45a		0.7		11.0	38	12:50a	SSE
13	63.4	82.0	3:45p	42.8	12:00m	2.6			5.8	29	8:20p	N
14	53.8	72.4	4:45p	33.4	3:55a	12.1			15.3	49	11:55a	SSE
15	61.3	75.8	2:20p	50.1	11:40p	2.0			8.0	25	12:10a	N
16	47.9	59.3	3:10p	42.8	11:40p	14.0			12.2	39	9:55p	N
17	60.1	79.6	3:45p	41.2	5:00a	4.6			8.5	36	1:35p	N
18	64.0	81.2	1:35p	54.5	6:00a		2.8	0.06	11.4	28	12:35p	N
19	67.0	80.3	12:45p	56.3	6:20a		3.3		15.8	42	1:50p	N
20	64.0	77.4	11:20a	53.8	5:50a		0.6		11.0	37	4:45a	N
21	55.0	71.3	11:45a	47.6	12:00m	5.5		0.45	5.3	28	1:10p	N
22	54.0	68.1	3:35p	42.3	5:40a	9.8		0.02	8.0	36	5:15p	N
23	54.9	62.3	3:20p	49.2	5:45a	9.3			10.7	32	1:20p	N
24	56.2	68.1	1:10p	49.4	6:00a	6.3		0.08	10.6	30	11:30a	N
25	53.9	67.1	11:00a	42.6	5:40a	10.2		0.10	4.9	24	5:15p	N
26	46.3	49.1	2:10p	41.3	11:55p	19.8		0.05	4.0	19	11:20a	NNW
27	49.5	65.0	1:05p	37.9	1:20a	13.5		0.04	2.4	17	2:35p	ESE
28	56.6	72.7	4:50p	37.2	5:30a	10.1			4.6	18	2:00p	ESE
29	60.1	77.7	3:40p	39.1	4:50p	6.6			5.5	30	3:45p	ESE
30	65.2	78.3	1:35p	49.4	12:10a	1.1			7.9	28	10:30p	N
31	60.5	75.6	12:45p	43.8	5:35a	5.3			4.2	26	11:20a	ESE
--	56.7 ¹	87.7 ³	7 th	33.4 ³	14 th	243.8 ²	8.8 ²	1.07 ²	7.6 ¹	51 ³	9 th	N

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)

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	52.2	67.9	11:10a	41.1	5:10a	10.5		0.15	3.8	20	1:45p	ESE
2	46.4	52.3	12:25a	41.6	10:45p	18.1		0.30	5.1	25	10:50a	NNW
3	51.1	69.3	1:55p	41.2	5:10a	9.8		0.05	4.9	22	11:05p	NNW
4	61.8	79.2	3:20p	41.9	6:05a	4.5			7.1	28	5:35p	N
5	66.4	77.9	3:15p	55.7	3:05a		1.8		11.4	32	6:25a	N
6	68.6	80.3	1:40p	57.6	11:50p		3.9		7.5	30	1:20p	N
7	63.2	74.0	2:10p	46.1	11:25p	5.0			6.9	31	12:45p	N
8	59.1	74.6	2:50p	41.1	5:45a	7.2			6.7	39	12:35p	N
9	63.6	75.3	2:15p	52.6	4:50a	1.0			6.3	20	9:00a	N
10	55.2	68.3	12:40p	45.5	11:10p	8.1		0.04	6.2	25	2:25a	N
11	59.4	77.4	3:10p	42.8	1:20a	4.9			5.5	26	1:40p	N
12	63.2	77.2	1:10p	45.4	6:15a	3.7			4.5	20	3:25a	N
13	63.0	79.2	4:50p	45.0	4:15a	2.9			8.0	40	3:10p	N
14	63.2	75.4	1:55p	54.2	6:20a	0.2		0.06	9.0	33	2:10p	N
15	66.5	82.6	3:50p	52.9	1:55p		2.8		7.5	28	6:15a	N
16	63.9	80.5	4:30p	41.8	4:05a	3.8			7.6	37	3:55p	N
17	68.8	88.0	2:15p	55.1	4:40a		6.6		8.5	42	5:25p	N
18	69.7	83.8	12:10p	55.9	5:40a		4.9		6.8	37	2:35p	N
19	64.5	76.1	4:00p	52.9	6:10a	0.5		1.15	6.6	27	1:55a	
20	56.2	65.8	6:25p	51.7	5:35a	6.3		0.22	4.1	21	10:15p	
21	67.7	84.3	4:40p	53.1	12:20a		3.7		8.1	27	12:20a	
22	73.1	83.8	2:15p	58.9	12:45a		6.4		11.0	34	11:05p	
23	67.3	83.5	1:40p	56.9	10:30p		5.2	0.06	10.2	36	12:15a	
24	66.3	82.8	1:20p	53.8	1:35a		3.3	0.56	8.0	34	5:15p	
25	69.0	84.9	1:40p	57.0	5:40a		5.9		5.1	29	11:35a	
26	70.4	83.8	12:45p	61.2	12:05a		7.5		11.5	36	1:30p	
27	64.7	79.9	1:35p	55.7	11:55p		2.8	0.16	4.9	28	3:40p	
28	61.8	70.6	2:40p	52.0	4:45a	3.7			10.2	36	9:55a	
29	68.1	82.0	12:20p	50.7	6:20a		1.3	0.45	4.7	18	2:25a	
30	66.7	81.4	5:35p	52.9	5:10a		2.2		5.7	32	3:20a	
--	63.4 ¹	88.0 ³	17 th	41.1 ³	1 st	90.0 ²	58.2 ²	3.20 ²	7.1 ¹	42 ³	17 th	N

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)

- 30th: The dominant wind direction has been showing as n/a (not available) as the data shows a constant N which is not correct. Am trying to get that fixed.

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	71.5	84.9	2:40p	59.5	1:35a		7.2		10.0	28	3:40a	
2	71.2	83.6	12:40p	58.6	11:05a		6.1		5.0	32	2:05a	
3	70.1	80.3	4:25p	62.7	12:00m		6.5		10.4	31	7:05a	
4	63.1	79.8	1:15p	53.5	5:40a		1.7	0.35	4.2	34	3:15p	
5	60.1	75.6	12:35p	53.5	5:05p	0.4		0.30	7.0	27	8:00a	
6	64.5	79.9	11:05a	54.5	2:30a		2.2	0.08	9.1	30	8:45p	
7	72.6	91.0	4:20p	56.3	4:20a		8.7		6.6	24	12:05a	
8	76.3	93.6	5:30p	55.7	5:20a		9.7		4.1	24	3:35p	
9	76.4	94.5	12:45p	56.9	3:45a		10.7		5.8	34	5:40p	
10	73.6	91.6	1:45p	59.3	2:10a		10.4		8.6	34	3:50p	
11	73.2	91.6	12:45p	62.4	5:10a		12.0	0.12	7.0	22	7:10a	
12	71.1	90.1	3:45p	50.4	5:35a		5.3		7.1	30	6:15p	ESE
13	71.6	87.2	3:00p	51.1	5:45a		4.1		7.5	32	3:15p	ESE
14	76.4	88.4	10:45a	64.7	6:35a		11.6	0.05	8.8	27	11:45p	N
15	68.6	85.1	4:15p	56.5	6:10a		5.8	0.25	5.7	29	8:00p	N
16	73.0	90.5	1:20p	59.9	1:15a		10.2		8.4	26	4:15p	
17	72.5	87.2	12:15p	55.1	1:25a		6.1		9.6	35	11:20p	
18	68.7	80.9	3:55p	58.9	4:30a		4.9		11.7	33	5:55a	
19	70.0	89.7	12:10p	58.7	6:00a		9.2	0.05	10.1	29	4:45a	
20	71.7	87.0	4:10p	57.0	11:45p		7.0	0.07	7.9	35	1:25a	
21	60.9	76.0	2:45p	53.9	6:00a	0.1		0.24	6.7	32	4:55p	
22	65.3	80.5	3:35p	54.5	3:45a		2.5		11.0	29	6:55p	
23	69.9	85.5	12:25p	53.6	6:10a		4.6		9.5	31	7:00p	
24	76.9	92.1	3:30p	63.4	4:30a		12.8		9.8	28	2:20a	
25	65.3	76.3	10:30a	58.1	9:50p		2.2	0.12	4.5	24	4:40a	
26	62.9	80.7	1:40p	54.8	10:30p		2.8	0.82	4.6	28	6:10p	NNW
27	70.3	81.2	6:35p	51.1	6:45a		1.1		3.1	19	10:05p	
28	62.0	79.0	1:25p	56.0	3:00a		2.5	0.26	7.2	32	8:05a	
29	60.9	76.8	11:55a	51.6	11:55p	0.8		0.16	9.6	31	5:45a	
30	49.3	65.5	3:45p	45.7	6:30a	9.4		0.12	1.6	19	1:35p	
31	65.2	76.7	12:40p	53.6	11:25p		0.1	0.05	2.5	28	8:00a	
--	68.6 ¹	94.5 ³	9 th	45.7 ³	30 th	10.7 ²	167.8 ²	3.04 ²	7.2 ¹	35 ³	17 th	

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: This past June we had 3.20" of precipitation ... the most since I started taking data in 1998.

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	60.5	75.3	5:30p	48.3	5:10a	3.2			6.0	33	11:35p	
2	67.8	88.0	2:45p	56.5	10:30p		7.3		10.1	37	12:34a	
3	73.4	91.8	2:15p	56.0	6:40a		8.9		6.1	27	4:50p	
4	72.6	89.9	3:00p	58.4	6:55a		9.2	0.03	6.9	32	5:10p	
5	72.5	92.1	12:45p	57.2	12:30a		9.7	0.26	4.6	24	1:55a	
6	73.4	83.6	11:00a	54.5	4:05a		4.1		7.4	48	2:30p	
7	75.4	86.7	3:10p	60.1	5:45a		8.4		6.8	33	4:55a	
8	67.4	86.3	5:30p	59.5	6:05a		7.9		4.1	29	3:35a	
9	62.4	83.0	5:50p	50.1	6:25a		1.6		3.9	21	11:10p	
10	63.7	77.2	2:25p	56.2	6:10a		1.7		5.6	27	3:50a	
11	61.4	77.9	1:10p	51.4	5:45a	0.3		0.82	2.1	24	11:30a	
12	76.0	86.5	1:10p	59.6	6:20a		8.1		6.4	34	11:45p	
13	70.2	84.7	10:55a	63.4	6:10a		9.1		8.0	29	1:50a	
14	64.8	78.3	3:40p	58.7	11:45p		3.5	0.03	7.6	24	1:55p	
15	68.8	85.3	1:15p	50.1	5:35a		2.7		5.7	21	2:00p	
16	63.4	78.1	3:20p	45.1	6:05a	3.4			9.4	38	2:50p	
17	67.4	80.3	2:40p	51.6	6:05a		0.9		4.9	29	12:50a	
18	63.8	71.5	11:30a	54.2	10:20p	2.2			8.6	48	4:15p	
19	69.5	87.0	12:45p	52.5	5:10a		4.8		5.1	21	3:40p	
20	62.4	80.7	3:55p	46.7	5:25a	1.3			5.8	27	10:45p	
21	68.6	85.5	4:00p	52.5	5:40a		4.0		4.6	26	1:20a	
22	69.3	89.5	11:50a	58.9	12:05a		9.2		6.9	27	10:55p	
23	73.5	90.7	12:55p	62.1	6:15a		11.4		12.1	40	6:50p	
24	68.1	82.2	10:45a	60.2	9:50p		6.2	0.11	5.5	43	3:00p	
25	58.3	76.3	1:00p	48.8	6:30a	2.4		0.05	1.5	18	7:30p	
26	68.5	79.8	2:00p	51.6	7:10a		0.7	0.07	1.8	28	2:25p	
27	64.0	79.6	2:30p	46.2	5:35a	2.1			4.4	21	11:40a	
28	65.3	81.8	1:50p	46.4	5:20a	0.9			4.0	20	12:50p	
29	63.7	84.3	1:00p	51.4	10:45p		2.9	0.14	8.6	36	4:35p	
30	57.9	74.7	1:20p	48.8	9:15p	3.3		0.11	13.3	35	9:15a	
31	62.3	77.7	12:05p	51.1	12:50p	0.6		0.06	14.9	35	3:15p	
--	67.0 ¹	92.1 ³	5 th	45.1 ³	16 th	19.7 ²	121.9 ²	1.68 ²	6.5 ¹	48 ³	6 th	

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)

- NOTE: The dominant wind direction in the data has been showing North each day which I know is not correct. Until I can get this problem fixed (maybe never) there will be no entry.

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	70.7	87.4	12:05p	54.8	6:25a		6.1		8.4	29	10:30a	
2	69.0	84.1	12:10p	52.3	6:10a		3.2		4.1	22	1:10p	
3	63.9	78.8	11:10a	53.8	11:35p		1.3	0.05	5.1	28	1:05p	
4	64.4	82.4	3:40p	47.6	4:10a				6.8	25	5:25p	
5	63.7	80.3	12:35a	56.3	5:55a		3.3	0.08	9.5	28	10:20p	
6	63.9	78.3	1:00p	56.0	4:15a		2.2		13.7	36	5:30p	
7	66.1	80.5	11:30a	56.0	3:30a		3.3	0.04	10.7	29	12:15a	
8	64.4	81.4	11:40a	50.4	5:45a		0.9		5.3	29	1:10a	
9	60.3	76.5	1:10p	50.5	12:15a	1.5			3.3	19	12:30p	
10	65.0	81.1	12:55p	48.3	6:20a	0.3			4.1	22	2:25a	
11	59.8	68.1	3:50p	47.3	5:35a	7.3			6.4	26	9:40a	
12	52.5	66.8	11:05a	45.1	7:20a	9.0		0.65	6.7	37	11:05p	
13	56.7	67.8	3:10p	48.5	5:25a	6.8			15.2	32	8:20a	
14	60.8	79.6	1:55p	48.2	5:40a	1.1			7.1	30	12:15a	
15	58.8	76.1	11:50a	44.5	6:00a	4.7			3.7	18	2:50p	
16	53.5	64.7	1:35p	45.8	4:00a	9.8		0.22	2.0	17	1:50p	
17	56.1	68.8	3:30p	46.0	6:15a	7.6			4.4	21	9:00p	
18	58.1	70.9	2:25p	48.0	6:25a	5.5			7.3	20	12:50a	
19	57.0	74.9	1:25p	42.2	5:40a	6.4			6.3	25	2:00p	
20	61.0	79.4	11:55a	45.4	4:45a	2.6			5.4	21	4:55p	ESE
21	38.9	51.6	12:30a	31.3	4:30p	23.6		0.68	4.1	29	12:05p	NNW
22	37.3	49.2	3:20p	27.3	6:30a	26.8		0.27	2.0	17	1:55p	NNW
23	36.7	41.6	12:00p	30.6	12:45a	28.9		0.06	1.5	13	1:00a	NNW
24	44.3	57.0	2:35p	33.2	6:45a	19.9		0.02	4.6	21	10:40p	
25	50.1	63.4	2:00p	39.2	6:05a	13.7			6.3	22	12:05p	
26	60.7	78.1	2:30p	38.0	6:50a	7.0			6.1	22	8:55p	
27	65.3	82.8	2:50p	48.2	6:25a		0.5		5.2	20	8:45p	
28	51.6	63.5	2:05p	34.7	5:25a	15.9			13.8	40	11:40p	
29	65.1	83.2	2:00p	48.0	4:10a		0.6		11.2	36	12:35a	
30	65.2	75.6	1:00p	56.3	11:55p		0.9		11.0	37	2:45p	
--	58.0 ¹	87.4 ³	1 st	27.3 ³	22 nd	198.4 ²	22.3 ²	2.07 ²	6.7 ¹	40 ³	28 th	

Footnotes: 1. Average; 2. Sum (total); 3. Max or Min • 22nd: First snow of the season, about 4" along with rain.

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	47.4	58.1	3:55p	30.4	12:00m	20.8			3.5	22	1:40p	
2	47.0	66.6	2:15p	26.4	2:30a	18.5			7.4	32	4:30a	
3	46.4	67.8	2:25p	25.8	5:20a	18.2			8.6	32	8:30p	
4	54.6	66.9	1:40p	41.7	7:20a	10.7			15.4	45	4:50p	
5	58.6	72.1	2:25p	37.3	12:00m	10.3			10.7	38	12:50a	
6	44.8	60.2	2:15p	28.8	3:45a	20.5			10.3	38	7:40p	
7	50.5	62.1	1:50p	41.8	2:40a	13.1		0.04	16.5	38	3:55p	
8	36.3	48.6	12:20a	28.8	9:45p	26.3		0.05	7.0	31	1:40a	
9	43.7	61.6	2:30p	27.6	4:20a	20.4			8.7	35	7:50p	
10	26.1	43.5	12:05a	20.5	7:15a	33.0			4.1	22	1:25a	
11	41.6	65.2	4:10p	20.2	6:25a	22.3			12.4	39	3:00a	
12	51.8	69.9	2:05p	29.4	11:55p	15.3			6.1	26	1:30p	
13	50.4	68.1	2:05p	28.4	1:45a	16.8			7.0	36	4:30a	
14	60.5	77.2	2:15p	44.5	11:40p	4.2			8.8	28	3:15a	
15	55.3	69.3	12:50p	38.6	11:50p	11.0			3.4	20	1:40p	
16	48.2	66.3	1:55p	31.3	6:45a	16.2			3.7	19	7:20p	
17	52.0	64.0	2:30p	42.6	4:45a	11.7			12.1	39	8:15p	
18	61.4	81.2	1:00p	46.1	3:05a	1.4			8.0	31	12:20a	
19	61.9	74.6	1:10p	48.0	2:45a	3.7			7.6	25	9:20p	
20	56.6	74.6	1:35p	34.0	11:55p	10.7		1.35	10.1	34	4:55p	
21	30.0	34.0	12:05a	28.4	8:55p	33.8		0.62	6.6	24	3:55a	
22	28.5	37.8	12:10p	23.6	11:35p	34.3			3.4	18	12:20a	
23	36.4	47.1	4:50p	22.1	4:00a	30.4			6.4	26	6:25p	
24	47.4	60.5	12:00p	33.4	3:40a	18.0			6.4	24	12:05a	
25	31.7	42.3	12:05a	25.3	11:55p	31.2		0.45	5.3	26	9:05p	
26	31.7	44.5	1:20p	18.3	6:00a	33.6			8.8	36	9:40p	
27	44.1	58.9	1:45p	32.4	12:05a	19.3			11.9	27	12:40a	
28	26.9	36.3	12:05a	22.2	10:00p	35.8		0.78	5.3	20	7:00p	
29	20.2	23.3	11:25a	15.9	9:50p	45.4		0.28	6.3	25	11:25a	
30	28.8	42.9	1:50p	10.4	2:40a	38.3			7.6	26	8:00p	
31	45.9	59.9	12:30p	28.8	12:05a	20.7			10.3	25	1:35p	
--	44.1 ¹	81.2 ³	18 th	10.4 ³	30 th	645.8 ²	2	3.57 ²	8.1 ¹	45 ³	4 th	

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)

- 21st, 8:00am: About 7" of snow mixed with rain last night and this morning. A total of 1.35" of precipitation...and still more to come.
- 22nd, 8:30am: Another 6" of snow yesterday and last night with about 0.60 inches of precip.
- 26th, 8:00am: 4.5" of snow yesterday and last night.
- 29th, 8:30am: Another 14" of light snow yesterday and last night!!
- 30th, 8:00am 5 1/2 inches of snow yesterday. Hopefully, the last snow for a few days!!

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	47.4	63.1	11:35a	30.0	5:45a	18.5			4.7	20	9:45p	
2	43.9	56.7	11:20a	30.6	6:15a	21.3			6.5	34	11:00p	
3	50.6	71.5	1:05p	36.9	5:25a	10.8			11.3	40	4:55a	
4	46.2	64.0	12:45p	29.7	6:00a	18.2			10.9	40	7:55p	
5	56.3	72.7	11:05a	41.6	12:10a	7.9			12.0	40	12:15a	
6	59.5	70.9	10:30a	49.1	1:25a	5.0			10.1	26	3:35a	
7	58.4	73.9	11:10a	45.7	12:00m	5.2			14.5	32	1:50p	
8	47.9	61.3	11:20a	31.9	12:00m	18.4			6.3	27	1:20a	
9	40.5	52.8	1:30p	28.1	2:25a	24.5			4.2	29	11:00p	
10	50.9	65.2	12:50p	40.8	4:00a	12.0			10.3	25	6:55a	
11	50.6	63.1	11:10a	36.9	2:30a	15.0			10.5	33	6:30p	
12	54.3	63.4	12:45p	45.8	12:05a	10.4			12.3	33	6:25a	
13	49.1	55.4	12:45p	33.1	11:50p	20.8			8.1	27	1:25p	
14	36.5	51.7	10:45a	27.0	5:50a	25.7			3.9	22	10:25a	
15	25.1	36.9	12:25a	18.8	10:35p	37.1		0.35	6.6	25	12:45p	
16	25.4	37.9	3:25p	12.9	5:30a	39.6			2.2	12	6:55p	
17	39.2	54.7	11:55a	20.5	5:50a	27.4			5.5	25	7:35p	SSE
18	43.0	58.4	12:30p	29.4	3:45a	21.1			3.6	17	2:55p	ESE
19	35.4	44.6	1:30p	24.1	11:35p	30.7			4.1	21	9:15a	N
20	38.8	55.4	11:10a	22.1	4:24a	26.3			9.9	36	8:50p	N
21	46.6	57.6	2:40p	37.5	1:05a	17.5			11.0	34	12:05a	
22	39.4	51.1	11:50a	28.7	5:35a	25.1			9.2	34	5:55p	
23	34.8	43.8	1:00a	19.5	11:50a	33.4			4.1	21	12:05a	
24	29.9	49.9	12:25p	11.6	5:40a	34.3			3.8	19	9:15a	
25	34.6	50.4	2:00p	22.1	1:05a	28.8			6.3	24	4:50p	
26	44.1	62.9	11:20a	30.0	1:40a	18.5			5.6	19	9:35p	
27	46.6	65.0	1:45p	27.2	5:20a	18.9			7.4	21	3:35p	
28	38.4	52.9	11:45a	27.3	5:35a	24.9			5.4	20	11:30a	
29	26.9	32.9	1:25p	19.5	10:30p	38.8			3.3	18	1:05a	
30	34.8	52.0	12:15p	18.0	2:30a	30.0			9.3	27	7:40p	
--	42.5 ¹	73.9 ³	7 th	11.6 ³	24 th	665.8 ²	2	0.35 ²	7.4 ¹	40 ³	3 rd	

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)

- 15th: About 1 inch of snow early this morning and still coming down.
- 15th: Another 4inches of snow today.
- 18th: The dominant wind direction data was correct for several days so it will appear...for now.

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	37.7	55.9	11:45a	20.5	11:55p	26.8			7.3	29	4:20a	
2	14.7	20.5	12:05a	10.0	11:40p	49.8			5.4	22	12:15a	
3	6.5	11.7	8:20a	-4.6	10:20p	61.5		0.22	1.0	11	10:20a	
4	17.4	31.3	1:45p	4.1	6:45a	47.3			11.0	25	7:05a	
5	32.0	46.4	1:25p	17.5	12:00m	33.0			8.6	26	1:55a	
6	11.3	17.8	10:30a	2.6	7:00p	54.8			2.9	20	1:20a	
7	16.3	25.3	12:35p	6.9	6:05a	48.9			8.3	35	8:40p	
8	8.8	32.7	10:15a	-5.9	11:45p	51.6		0.10	10.6	48	3:40a	
9	18.7	28.8	12:40p	-6.8	12:25a	54.0			4.1	26	10:45a	
10	19.4	32.2	11:25a	7.7	6:55a	45.0			10.9	44	1:00p	
11	31.2	46.7	12:25p	12.8	3:00a	35.3			8.0	28	4:00p	
12	37.9	48.5	11:35a	29.8	7:00a	25.8			6.6	28	5:15a	
13	40.2	53.1	11:20a	31.5	11:55p	22.7			8.7	34	3:20p	
14	31.7	45.7	12:45p	17.3	11:15p	33.5			6.0	22	4:35a	
15	32.0	44.2	12:45p	14.9	2:55a	35.5			12.2	37	8:15p	
16	44.9	62.0	9:30a	31.0	3:40a	18.5			5.8	24	12:10a	
17	37.1	50.7	12:15p	24.7	12:00m	27.3			2.8	14	11:35a	
18	27.7	35.0	11:20a	16.7	6:45a	39.1			2.1	16	10:40a	
19	32.2	47.7	12:40p	18.6	1:40a	31.8			8.7	27	4:05p	
20	39.4	53.1	1:15p	26.6	1:20a	25.2			9.7	34	6:10p	
21	44.8	58.3	12:35p	31.9	10:30p	19.9			6.6	27	1:45a	
22	36.2	41.1	12:05a	29.3	10:40p	29.8			10.8	34	12:15p	
23	23.9	30.0	12:10p	14.4	12:00m	42.8			5.3	26	12:00m	
24	11.3	17.8	3:15p	4.8	8:40p	53.7			5.3	22	10:05a	
25	17.7	29.7	2:00p	4.3	9:40p	48.0			2.5	21	2:40p	
26	19.0	29.3	12:10p	6.9	12:45a	46.9			2.9	20	10:55a	
27	20.0	32.2	12:20p	7.6	5:25a	45.1			3.7	16	9:35p	
28	27.6	38.6	12:00p	18.1	6:15a	36.7			6.2	21	11:45p	
29	26.2	29.4	12:25a	22.2	6:40a	39.2			19.8	48	11:40a	
30	28.5	39.6	12:50p	17.7	6:50p	36.4			3.0	13	12:55a	
31	25.5	35.9	12:45p	16.7	6:45a	38.7			7.3	29	7:15p	
--	26.4 ¹	62.0 ³	16 th	-6.8 ³	9 th	1204.5 ²	2	0.32 ²	6.9 ¹	48 ³	8 th	

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)

- 3rd, 8:00am: About 4' of fluffy snow last night and this morning with more to come according to the forecasts.
- 4th, 9:00am: Only an inch or so more.
- 24th: About 2" of very dry snow last night.