



Santa Fe Trail Ranch

Climatological Data
for

2018

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

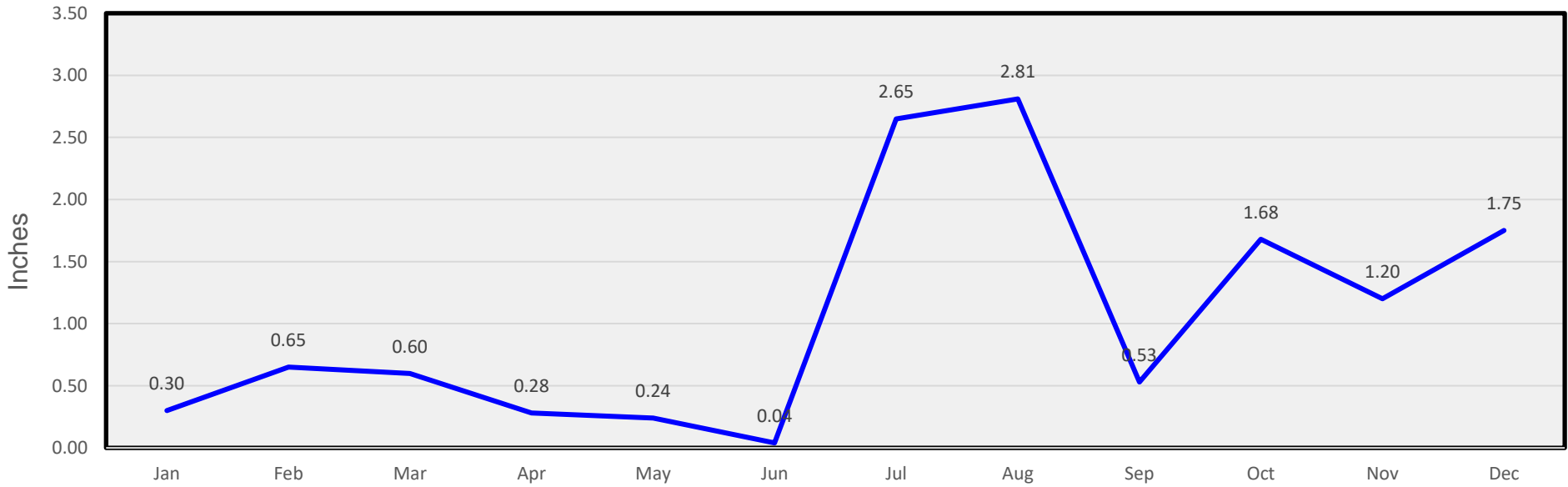
Contents

Charts	5
Monthly Precipitation.....	6
Monthly Snow	6
Monthly Temperatures	7
Monthly Winds	7
January Temperatures.....	8
January Winds	8
February Temperatures	9
February Winds.....	9
March Temperatures.....	10
March Winds	10
April Temperatures	11
April Winds.....	11
May Temperatures.....	12
May Winds	12
June Temperatures.....	13
June Winds	13
July Temperatures	14
July Winds.....	14
August Temperatures	15
August Winds.....	15
September Temperatures.....	16
September Winds	16
October Temperatures.....	17
October Winds	17
November Winds	18
December Temperatures.....	19
December Winds	19

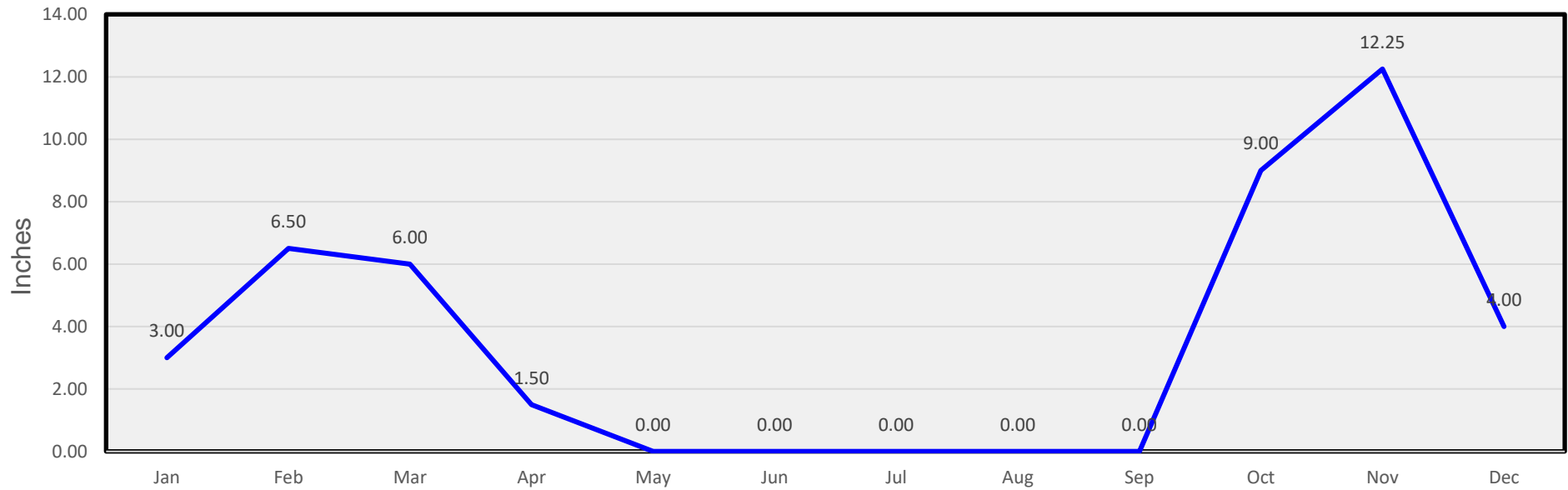
Tables	20
January	21
February	22
March	23
April	24
May	25
June	26
July	27
August	28
September	29
October	30
November	31
December	32

Charts

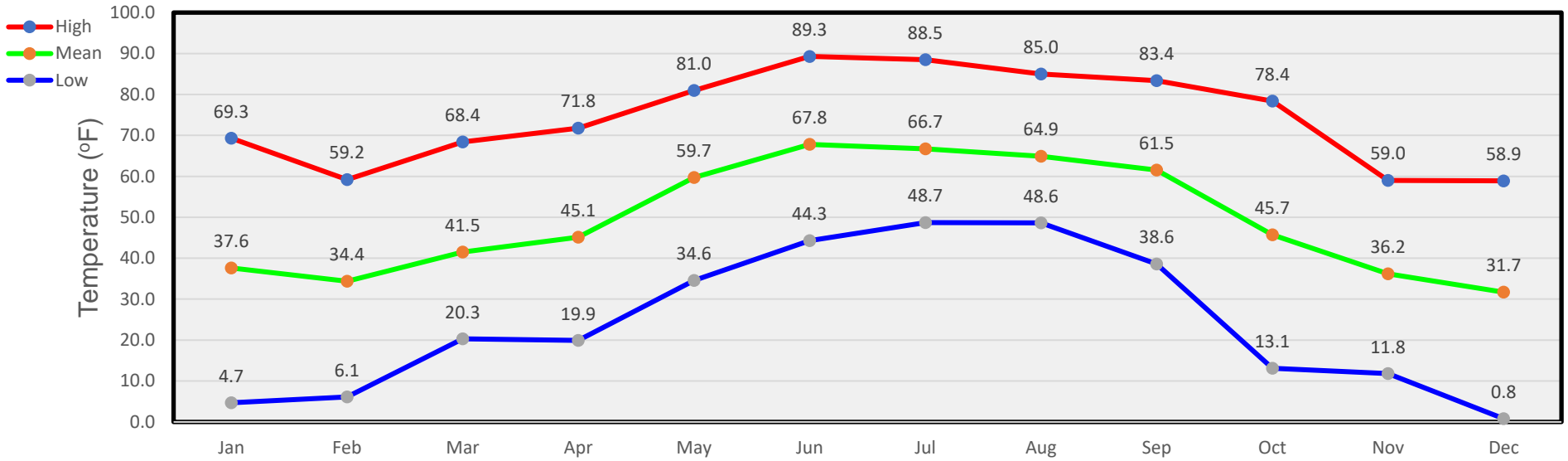
Monthly Precipitation



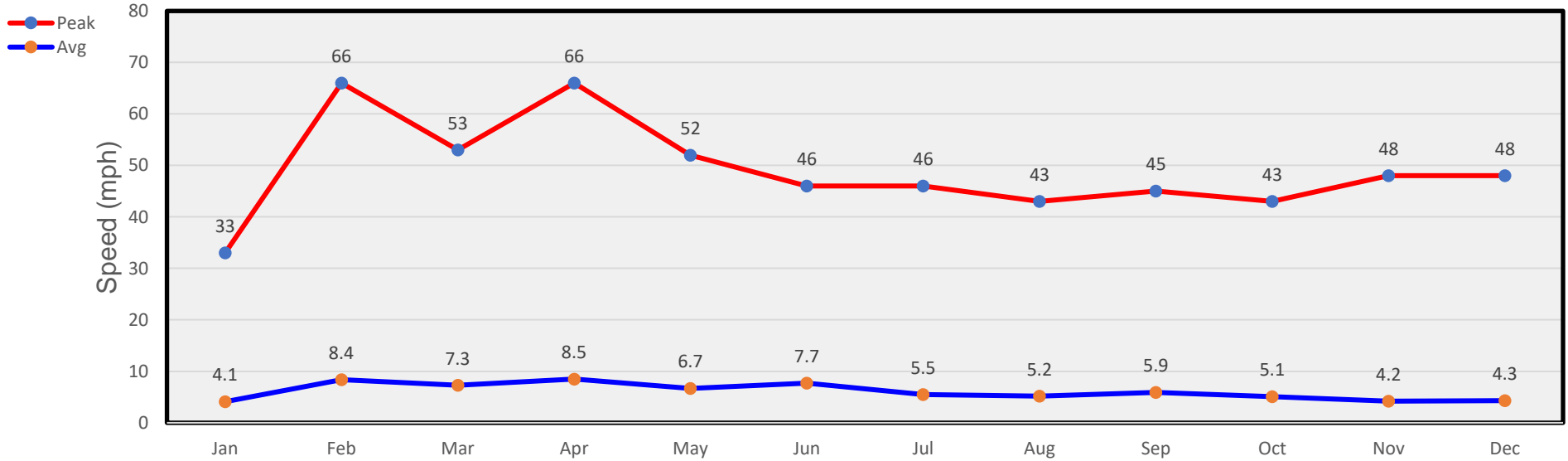
Monthly Snow



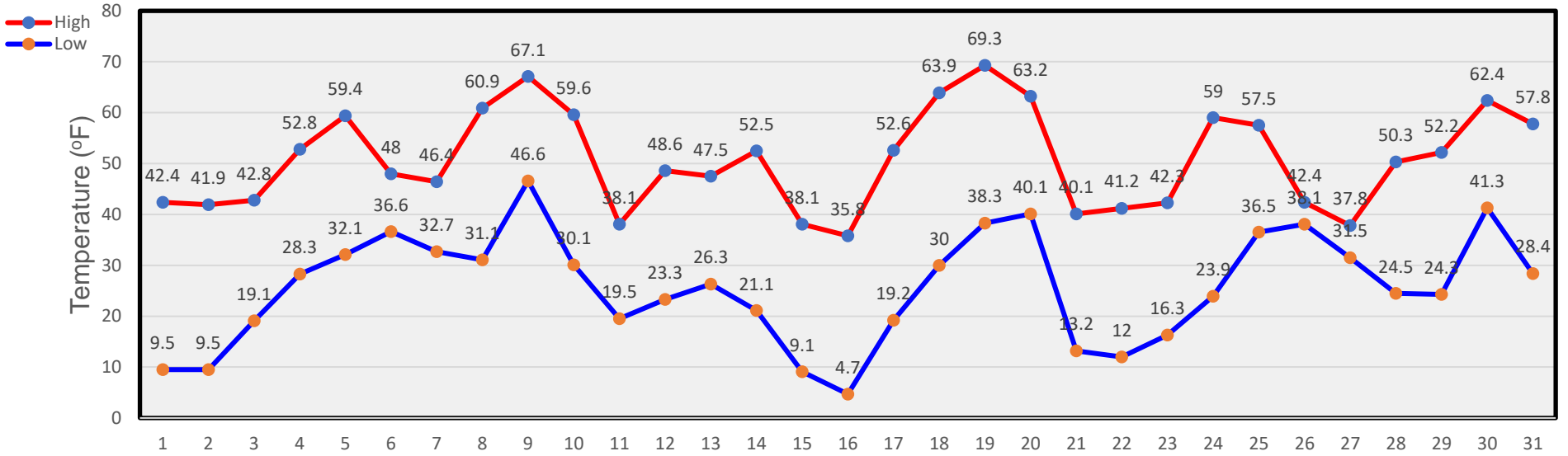
Monthly Temperatures



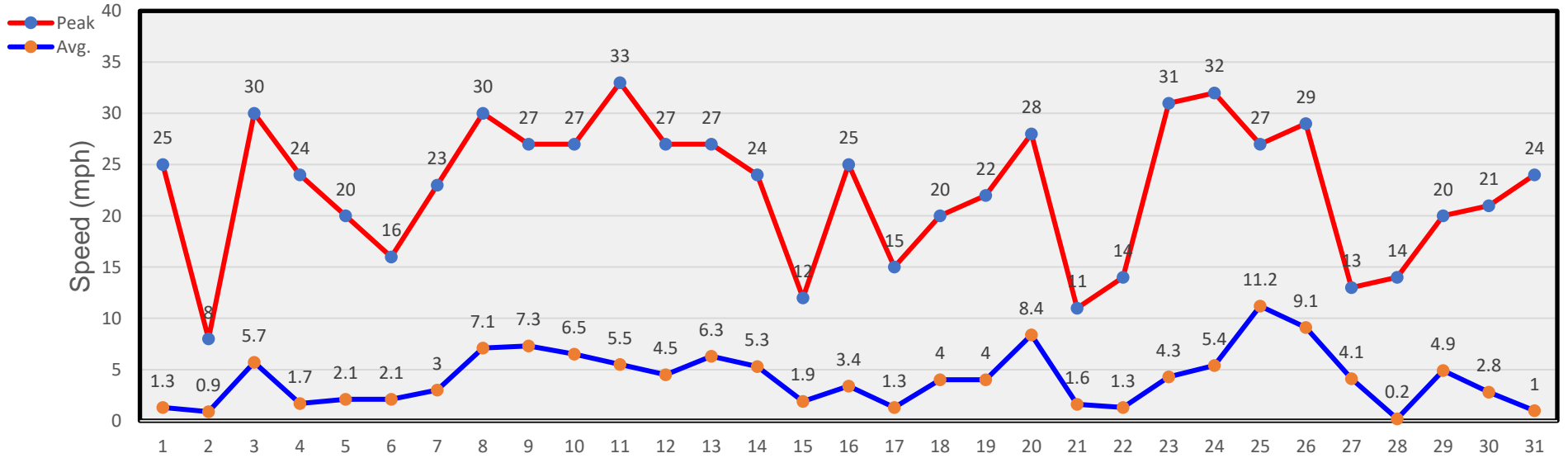
Monthly Winds



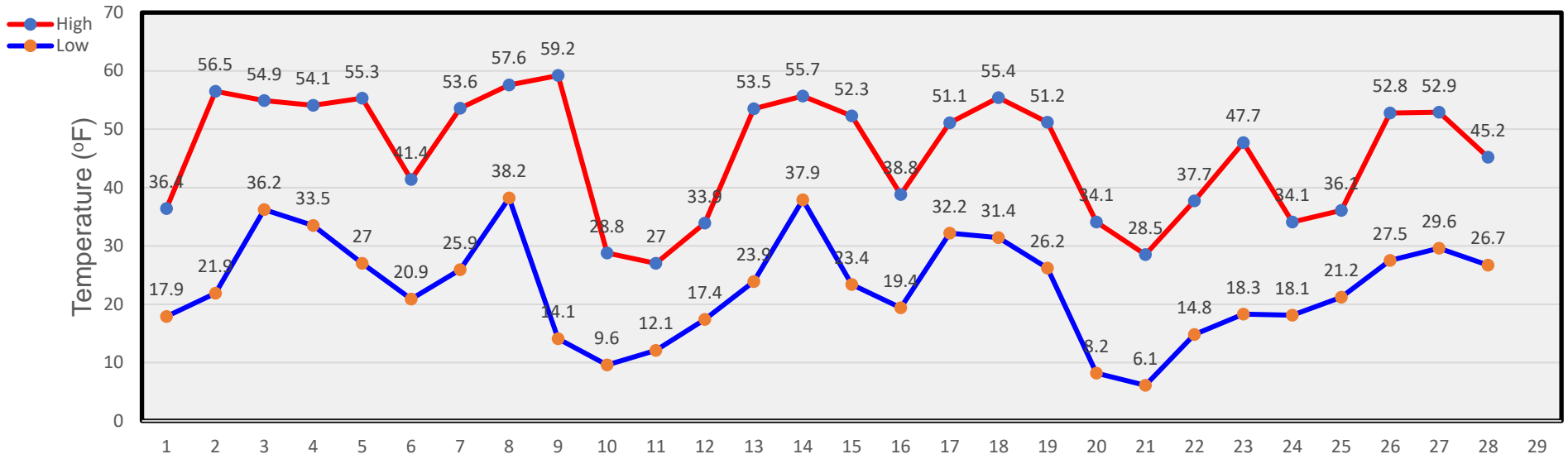
January Temperatures



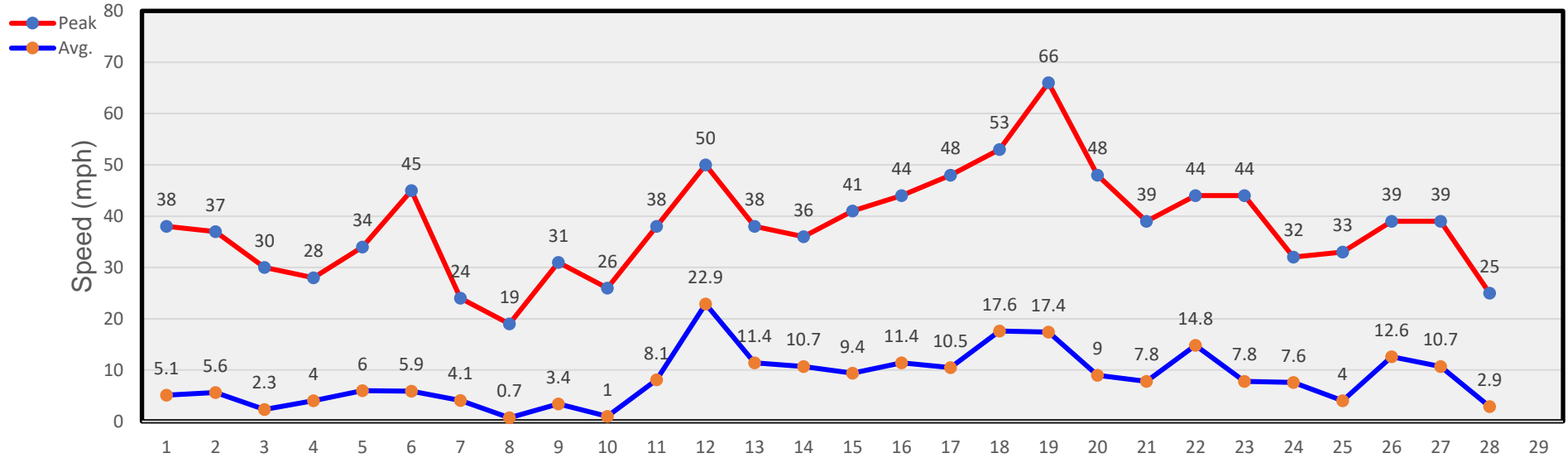
January Winds



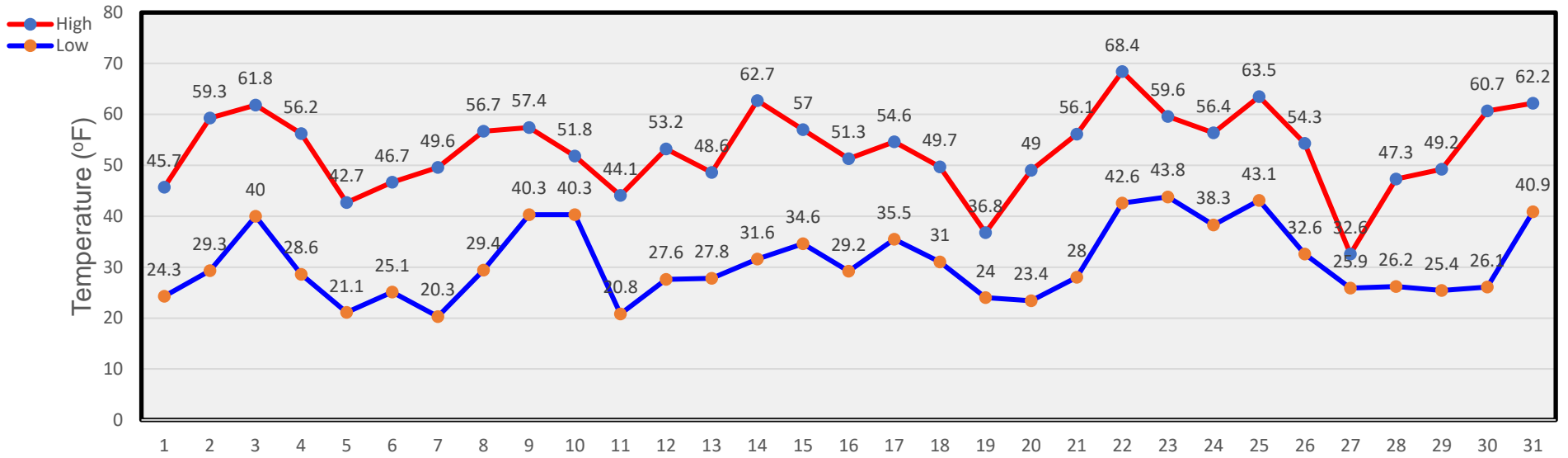
February Temperatures



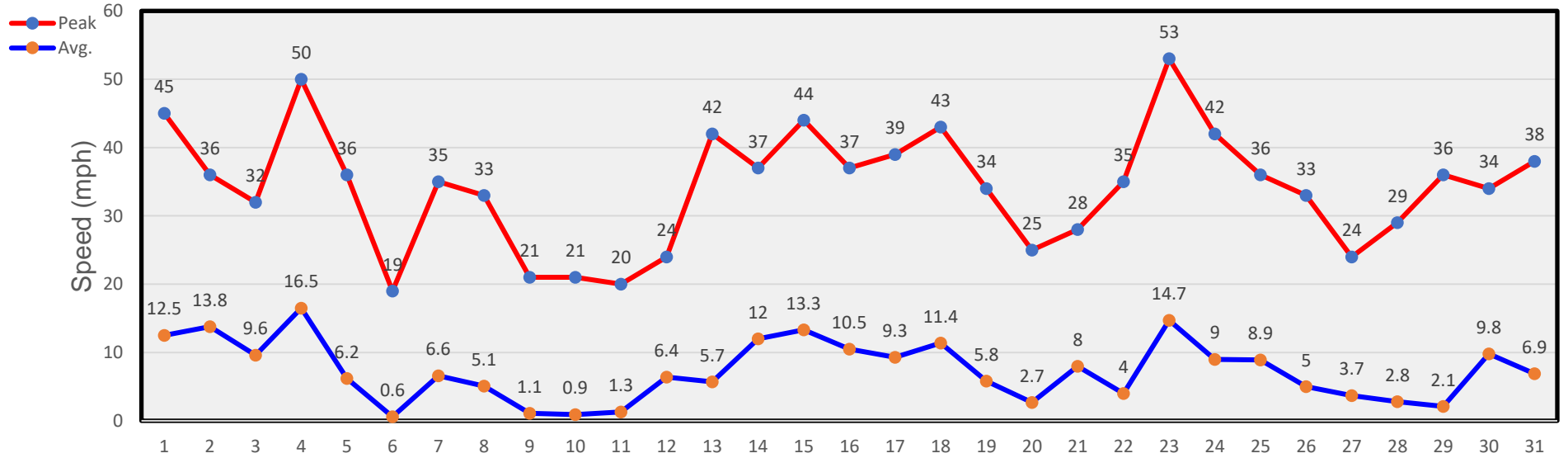
February Winds



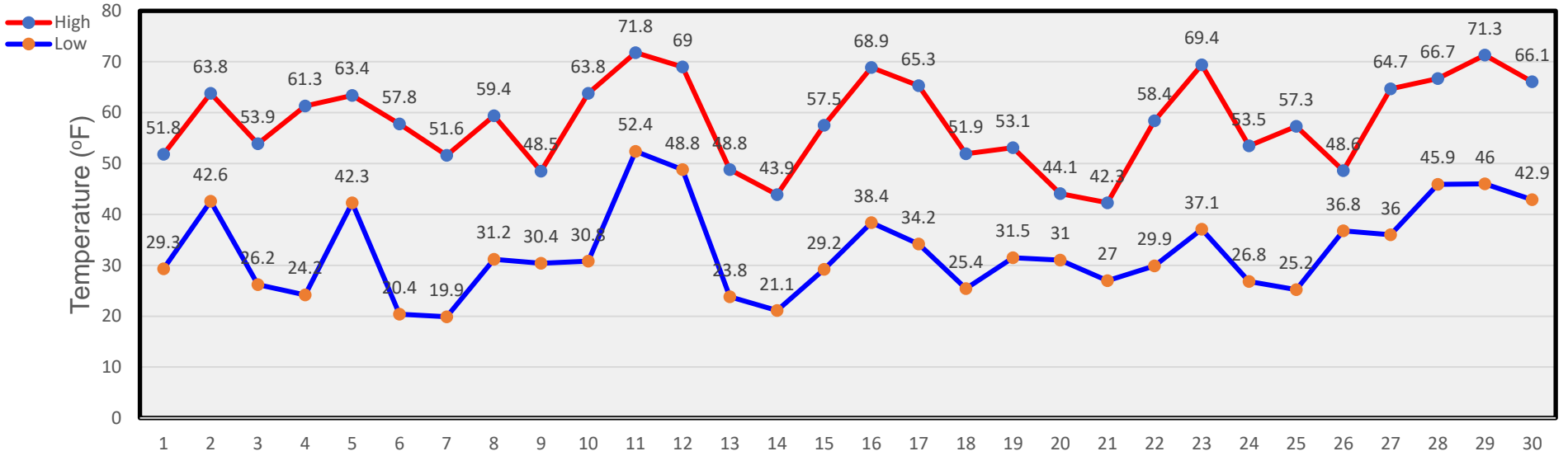
March Temperatures



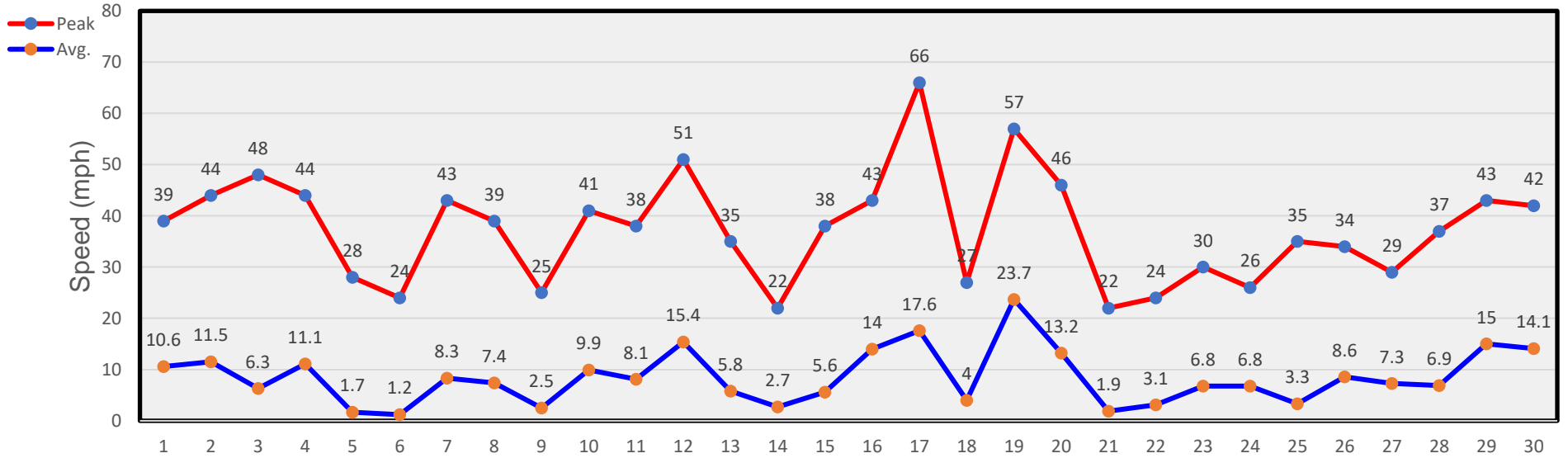
March Winds



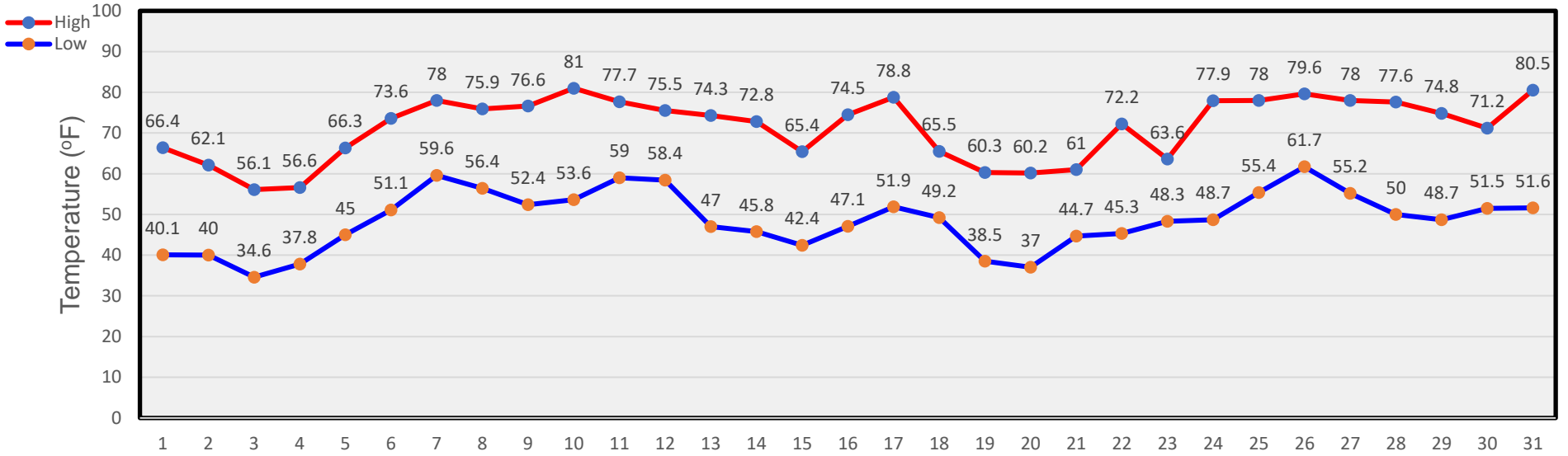
April Temperatures



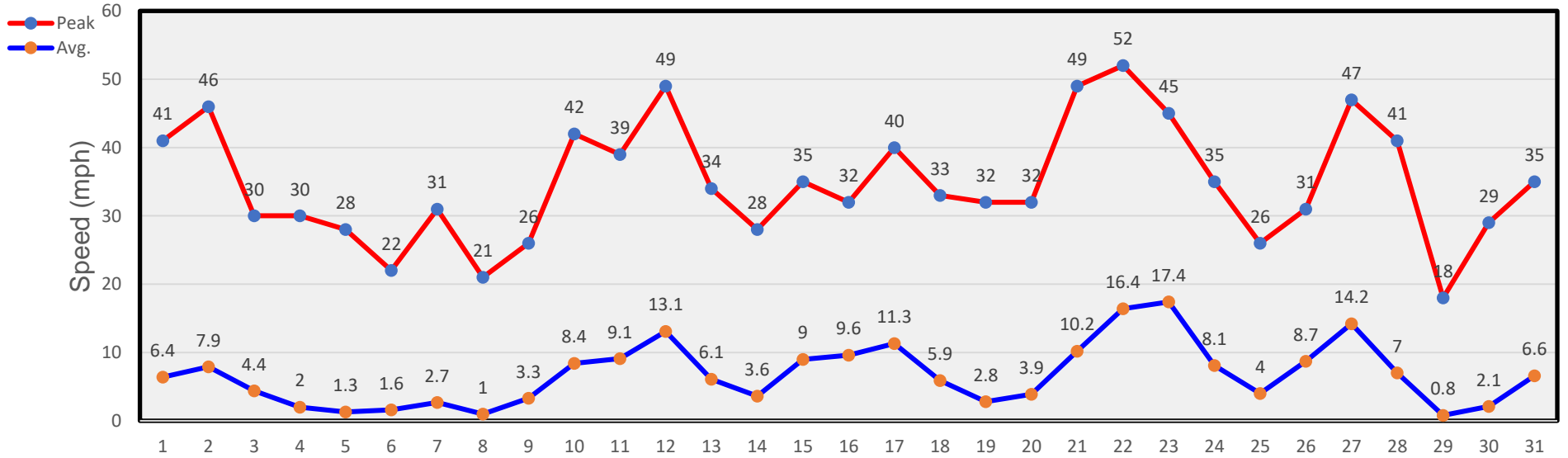
April Winds



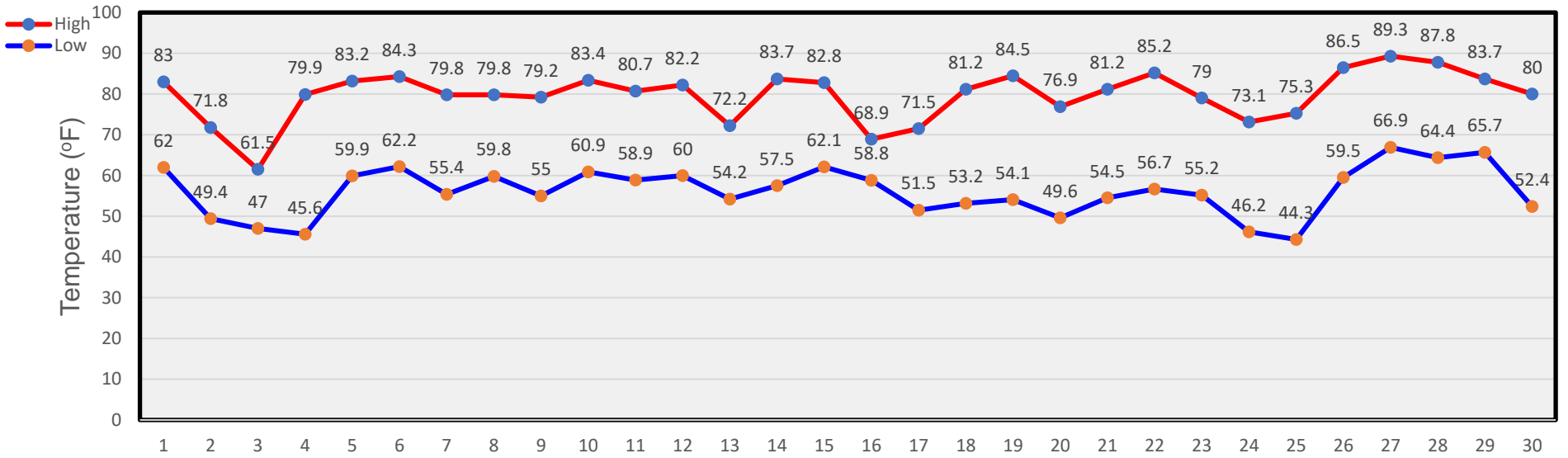
May Temperatures



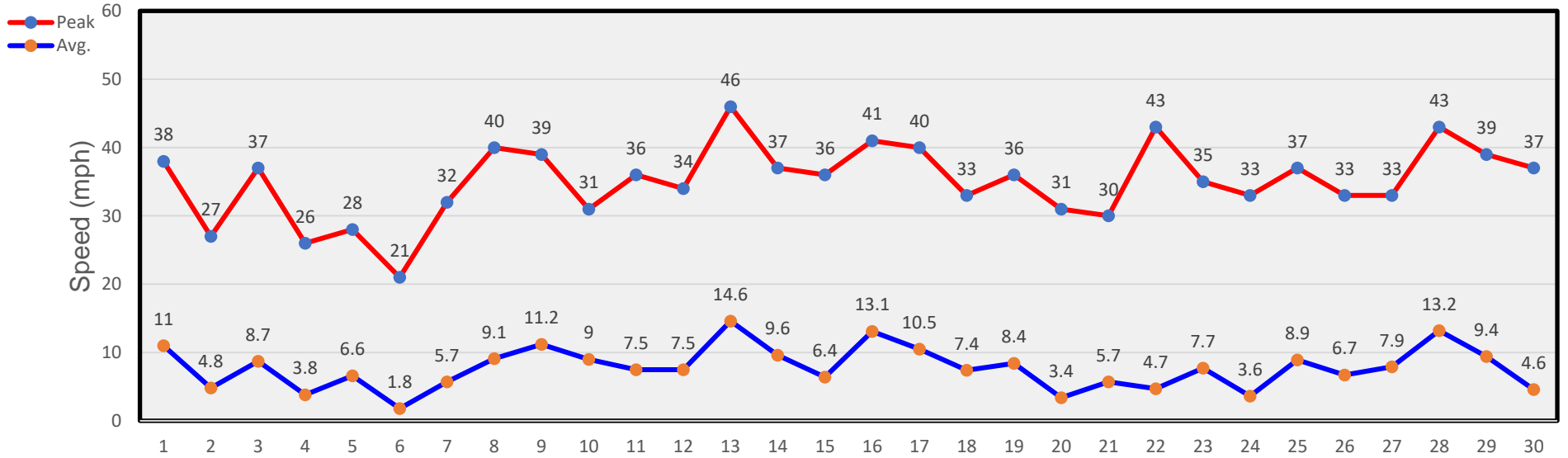
May Winds



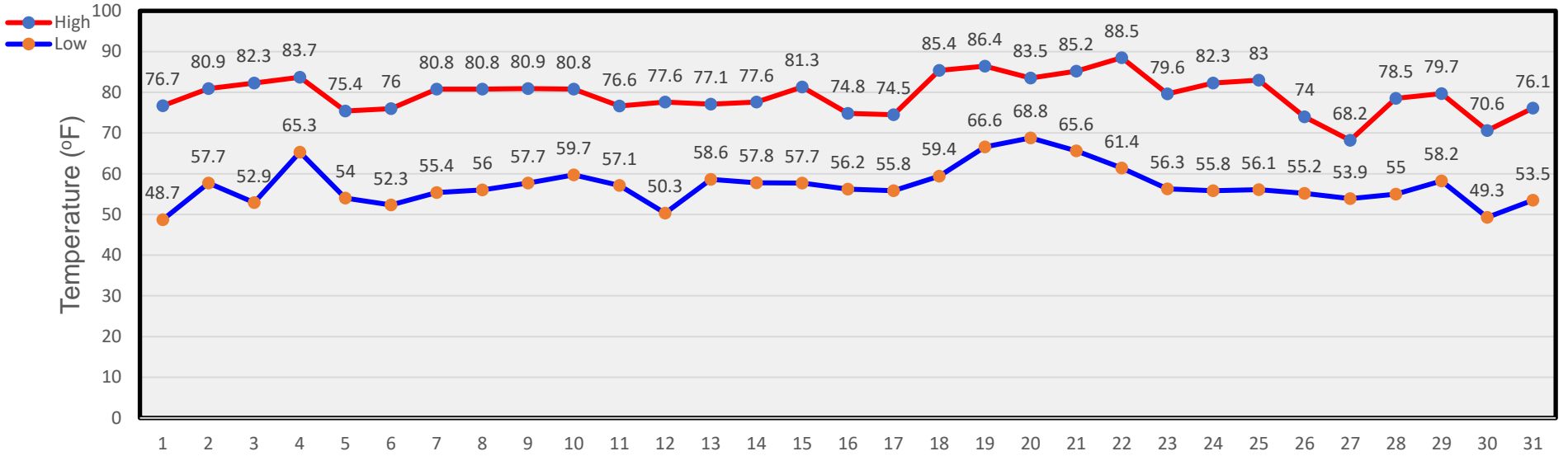
June Temperatures



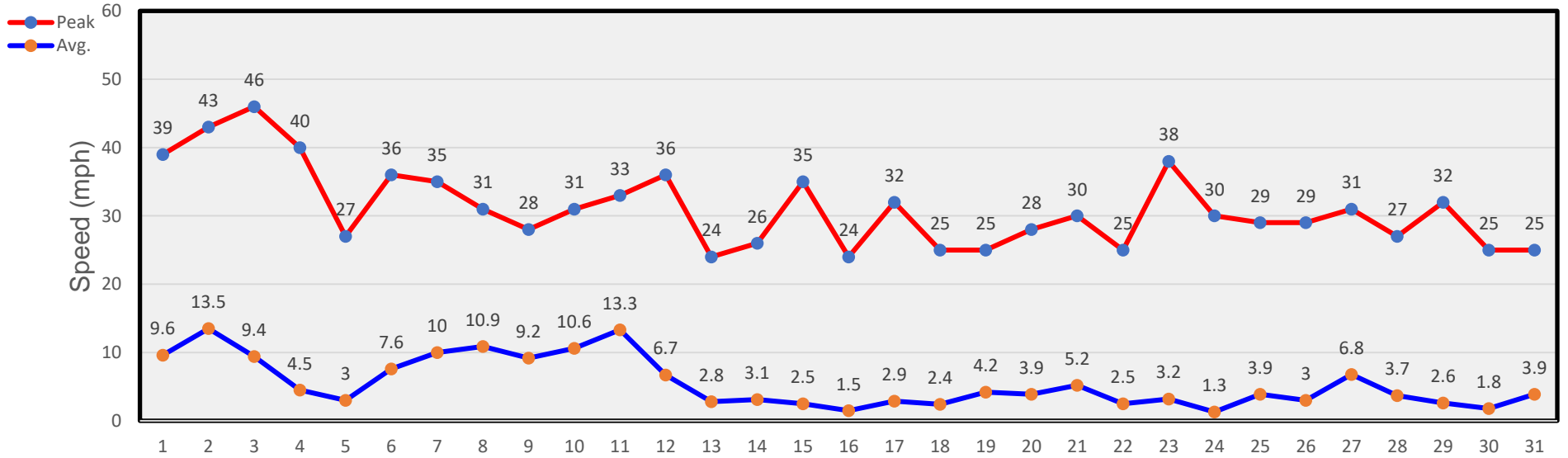
June Winds



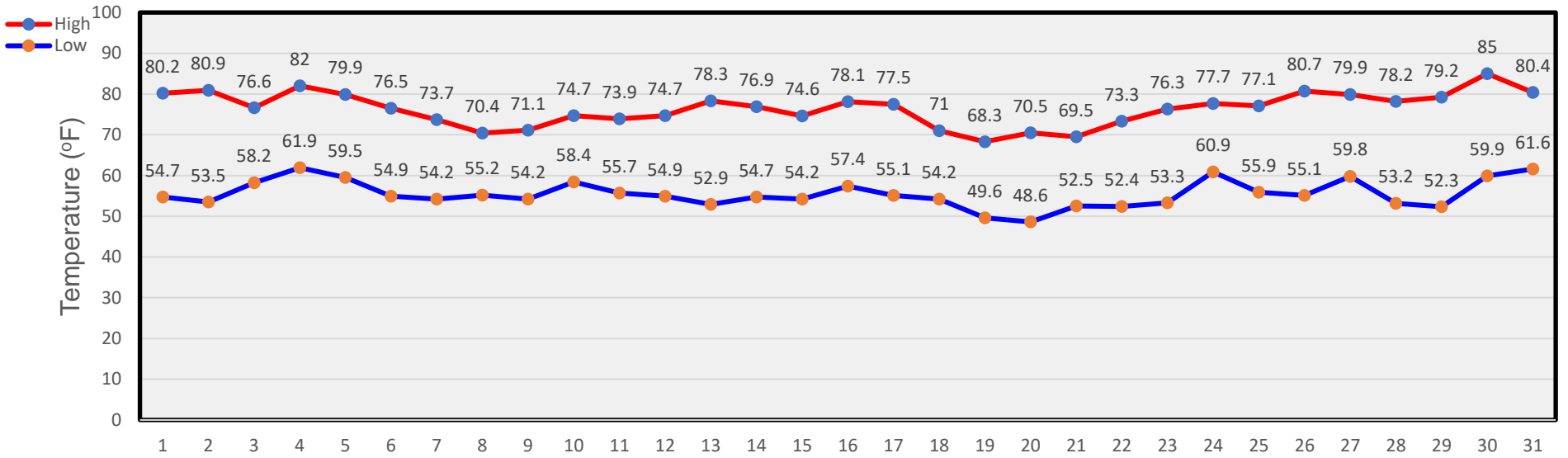
July Temperatures



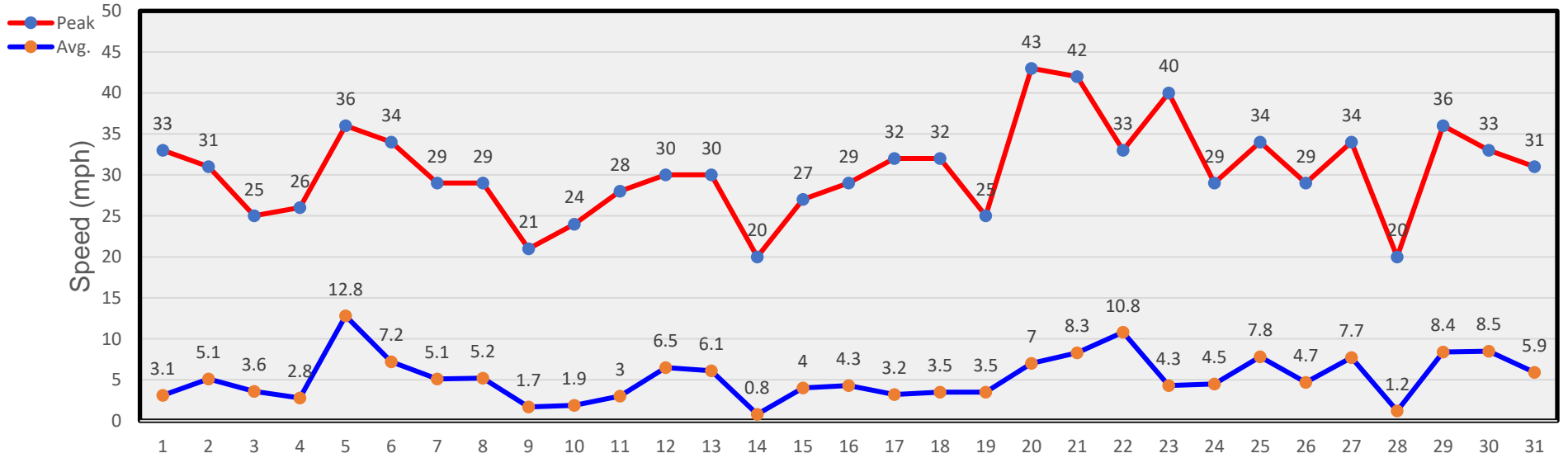
July Winds



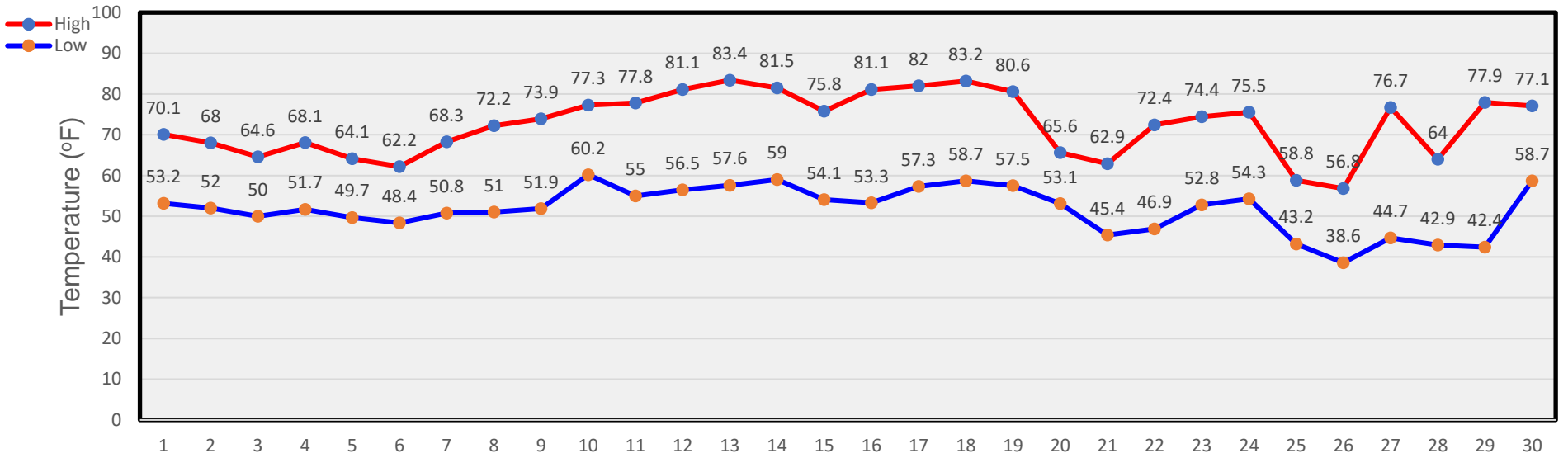
August Temperatures



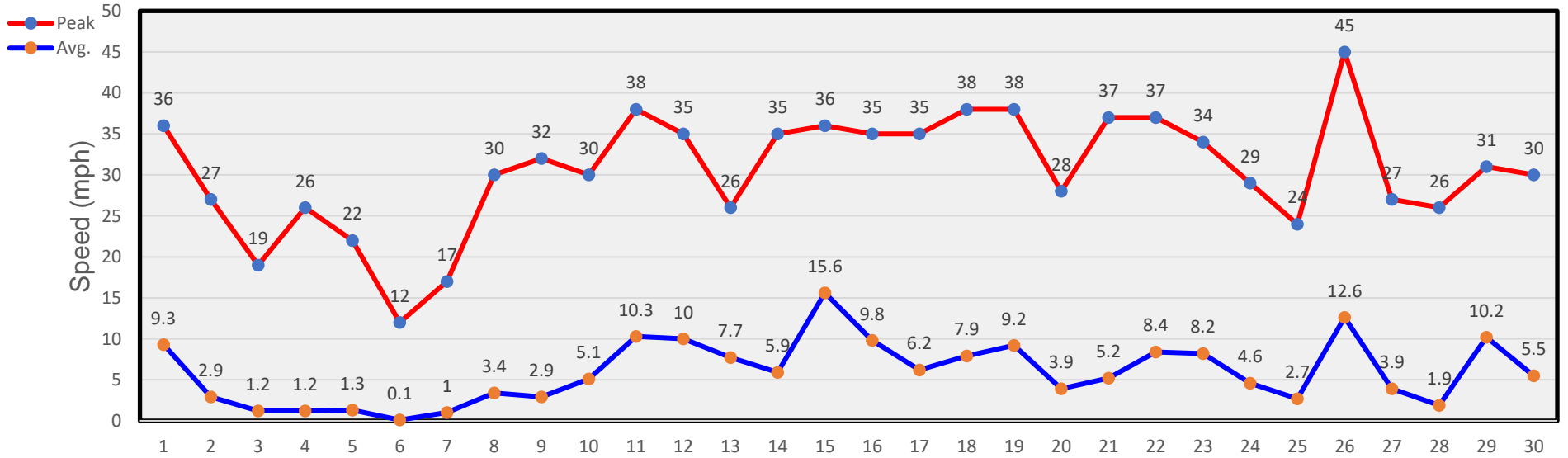
August Winds



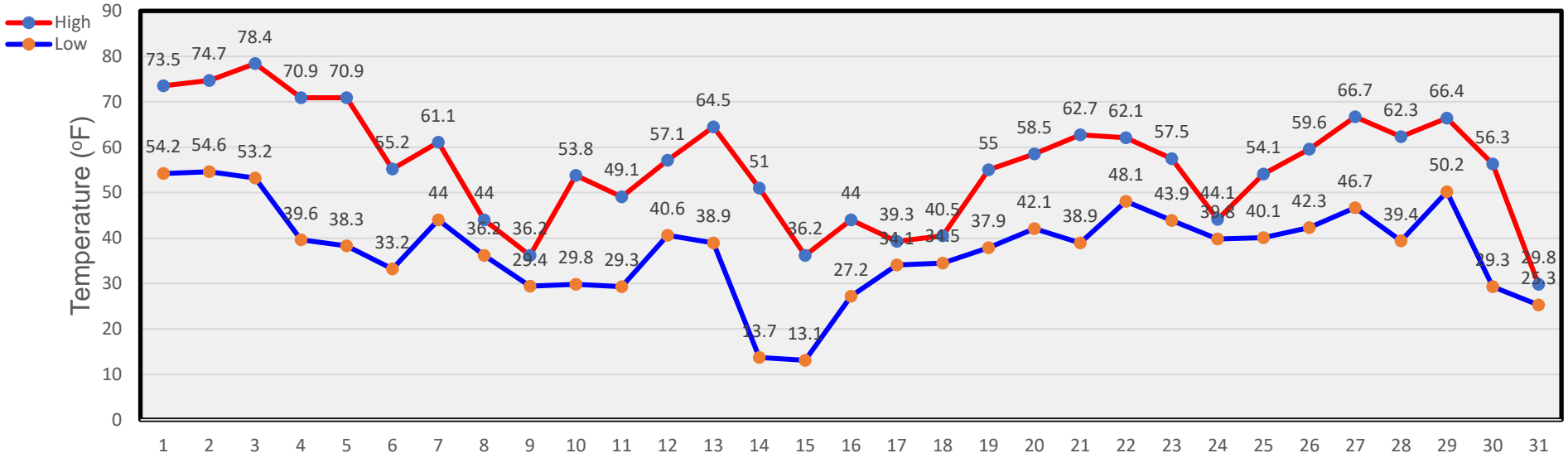
September Temperatures



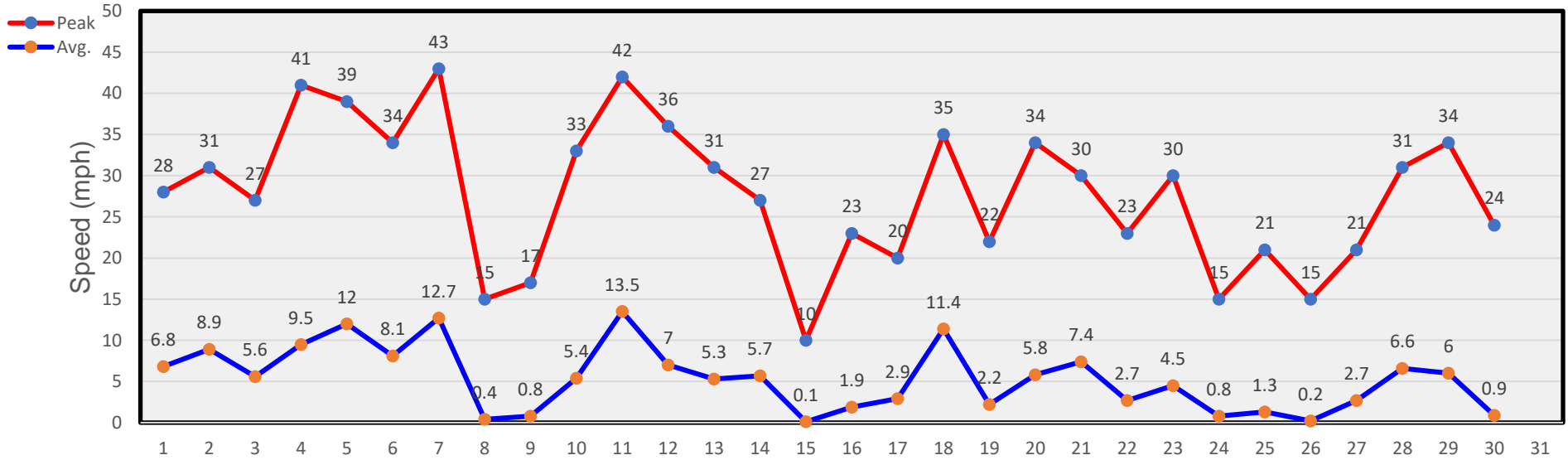
September Winds



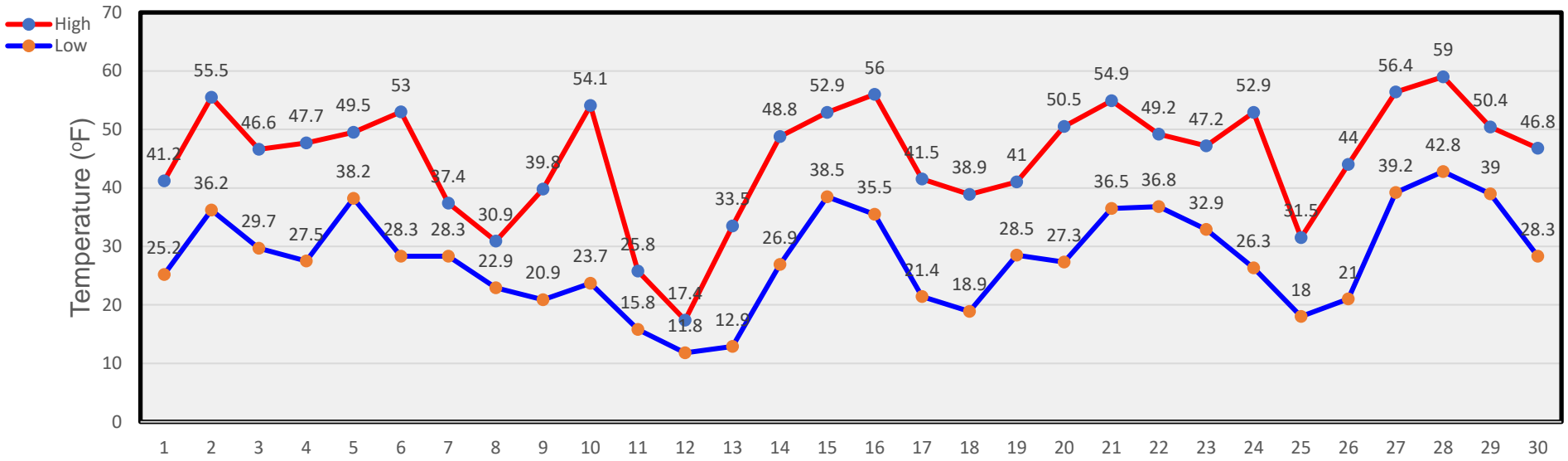
October Temperatures



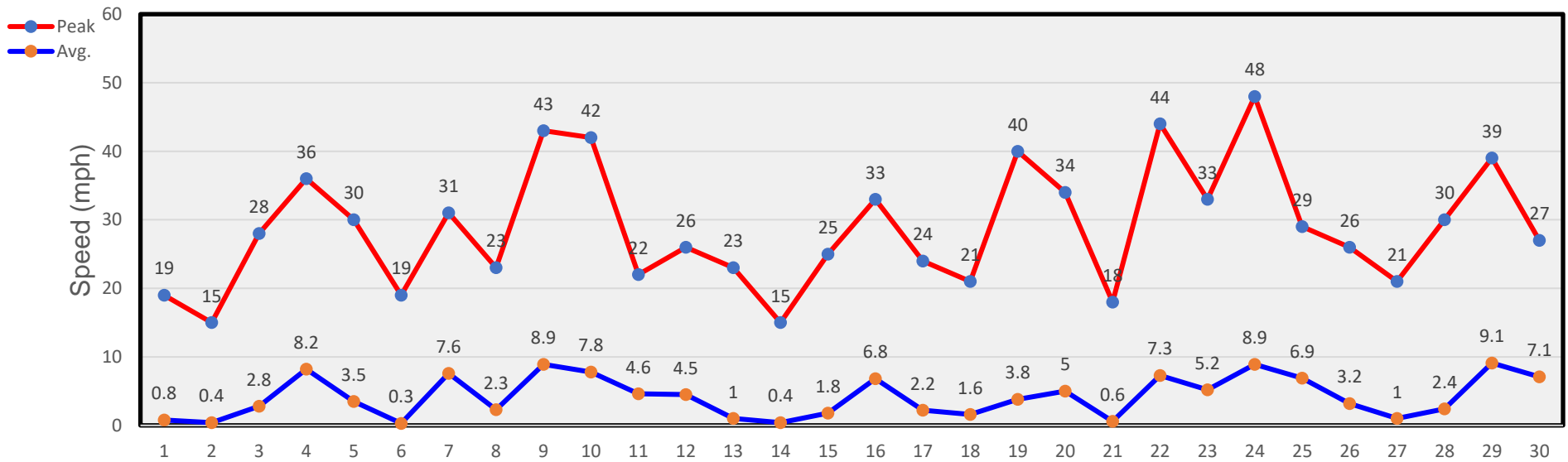
October Winds



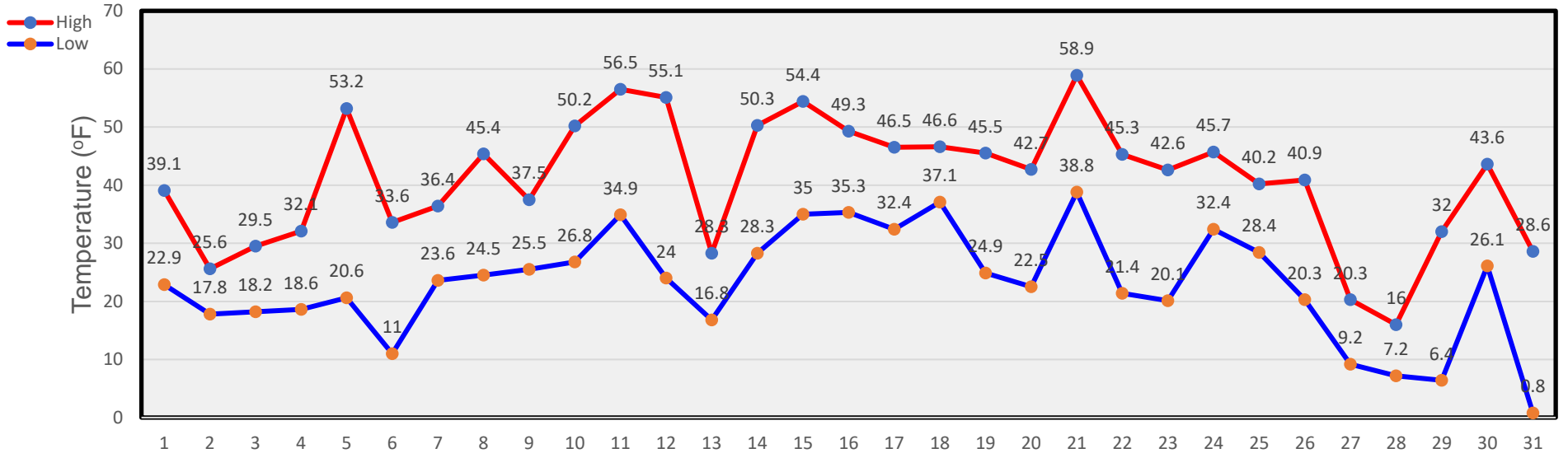
November Temperatures



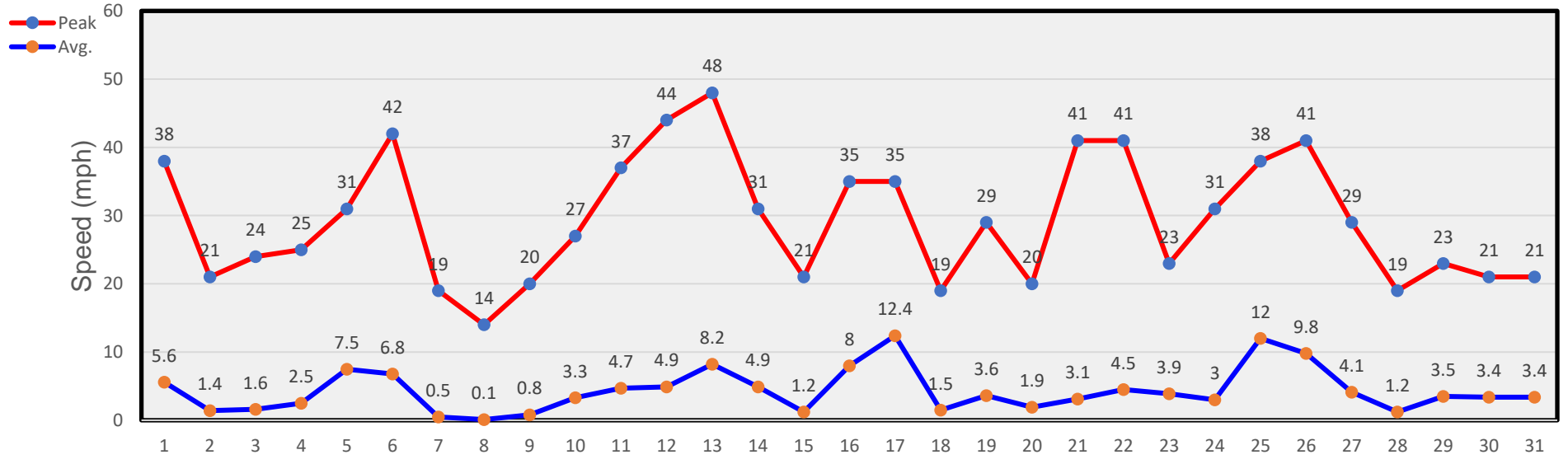
November Winds



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	22.9	42.4	12:30p	9.5	4:40a	39.0			1.3	25	12:30a	ESE
2	25.1	41.9	3:10p	9.5	1:30a	39.3			0.9	8	6:40a	ESE
3	31.6	42.8	12:20p	19.1	12:50a	34.0			5.7	30	1:30p	NE
4	38.2	52.8	3:00p	28.3	5:10a	24.5			1.7	24	11:50p	ESE
5	43.9	59.4	2:30p	32.1	7:40a	19.3			2.1	20	12:10a	NE
6	41.9	48.0	9:30a	36.6	6:20a	22.7			2.1	16	7:50a	ENE
7	39.0	46.4	3:00p	32.7	9:10p	25.4			3.0	23	10:30p	NE
8	46.3	60.9	12:40p	31.1	5:40a	19.0			7.1	30	1:40a	NE
9	55.5	67.1	2:20p	46.6	8:10a	8.2			7.3	27	2:30p	NE
10	47.2	59.6	4:10p	30.1	12:00m	20.2		0.03	6.5	27	9:10a	N
11	26.8	38.1	3:40p	19.5	7:30a	36.2		0.09	5.5	33	11:30p	N
12	35.2	48.6	2:40p	23.3	2:00a	29.1		0.01	4.5	27	1:00a	ESE
13	34.8	47.5	12:40p	26.3	12:10a	28.1			6.3	27	4:00a	N
14	38.1	52.5	12:40p	21.1	7:00a	28.2			5.3	24	2:50p	N
15	19.2	38.1	2:40a	9.1	6:10p	41.4			1.9	12	4:20a	ESE
16	19.7	35.8	2:20p	4.7	3:20a	44.8		0.01	3.4	25	6:00p	N
17	34.8	52.6	1:00p	19.2	12:10a	29.1			1.3	15	12:30a	E
18	44.7	63.9	2:30p	30.0	7:20a	18.0			4.0	20	4:50p	NE
19	54.1	69.3	1:30p	38.3	1:30a	11.2			4.0	22	2:30p	NE
20	50.9	63.2	1:40p	40.1	12:00m	13.3			8.4	28	12:20p	NE
21	22.1	40.1	12:10a	13.2	12:00m	38.4		0.14	1.6	11	4:40p	SSW
22	26.2	41.2	3:10p	12.0	3:20a	38.4		0.07	1.3	14	11:50a	ESE
23	29.1	42.3	2:10p	16.3	6:30a	35.7			4.3	31	10:30p	ESE
24	40.7	59.0	2:10p	23.9	3:40a	23.5			5.4	32	1:20a	NE
25	45.5	57.5	3:40p	36.5	12:00m	18.0			11.2	27	2:00p	N
26	41.0	42.4	3:10a	38.1	6:10a	24.8			9.1	29	3:30a	NE
27	35.7	37.8	10:50p	31.5	11:20p	30.3			4.1	13	7:30p	ENE
28	39.6	50.3	12:15p	24.5	10:15p	27.6			0.2	14	12:30p	NE
29	37.3	52.2	2:30p	24.3	6:45a	26.8			4.9	20	3:30a	SSE
30	52.1	62.4	2:15p	41.3	12:15a	13.2			2.8	21	1:15p	WSW
31	47.6	57.8	2:15p	28.4	12:00m	21.9			1.0	24	12:45a	SSE
--	37.6 ¹	69.3 ³	19 th	4.7 ³	16 th	829.4 ²	²	0.35 ²	4.1 ¹	33 ³	11 th	NE

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)

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	24.7	36.4	3:45p	17.9	7:15a	37.8			5.1	38	11:45p	S
2	40.5	56.5	1:15p	21.9	1:00a	25.8			5.6	37	12:45a	SSE
3	45.7	54.9	2:45p	36.2	11:15p	19.4			2.3	30	10:00a	NW
4	41.7	54.1	3:15p	33.5	5:45a	21.2			4.0	28	6:45p	S
5	44.1	55.3	3:00p	27.0	10:30p	23.8			6.0	34	6:30p	NW
6	27.7	41.4	12:15p	20.9	7:30a	33.8		0.10	5.9	45	2:30a	S
7	37.9	53.6	3:45p	25.9	6:45a	25.3			4.1	24	7:15a	S
8	47.0	57.6	1:15p	38.2	7:00a	17.1			0.7	19	4:30p	SSE
9	43.9	59.2	3:30p	14.1	12:00m	28.3			3.4	31	6:15p	WNW
10	14.9	28.8	11:15a	9.6	5:45p	45.8			1.0	26	9:00a	N
11	19.9	27.0	2:00p	12.1	3:45a	45.5		0.55	8.1	38	12:00m	SSE
12	24.9	33.9	4:00p	17.4	5:15a	39.3			22.9	50	10:00a	S
13	40.4	53.5	3:30p	23.9	4:15a	26.3			11.4	38	2:00a	WSW
14	45.4	55.7	2:45p	37.9	11:15p	18.2			10.7	36	11:15a	SW
15	40.2	52.3	12:00p	23.4	12:00m	27.2			9.4	41	2:45p	SW
16	27.8	38.8	10:30p	19.4	7:00a	35.9			11.4	44	11:45a	S
17	40.2	51.1	2:00p	32.2	12:00m	23.3			10.5	48	6:45p	S
18	45.2	55.4	1:00p	31.4	1:00a	21.6			17.6	53	4:45p	W
19	42.4	51.2	2:30p	26.2	12:00m	26.3			17.4	66	1:30p	SW
20	23.3	34.1	3:15p	8.2	11:15p	43.9			9.0	48	10:30a	WSW
21	18.6	28.5	2:15p	6.1	5:15a	47.7			7.8	39	2:45p	S
22	25.1	37.7	1:45p	14.8	6:30a	38.8			14.8	44	2:30p	S
23	31.3	47.7	2:45p	18.3	12:00m	32.0			7.8	44	3:00p	SSW
24	26.0	34.1	3:30p	18.1	12:15a	38.9			7.6	32	10:15a	NW
25	27.8	36.1	5:00p	21.2	6:45a	36.4			4.0	33	2:00a	NW
26	39.7	52.8	1:00p	27.5	1:30a	24.8			12.6	39	2:00p	WSW
27	41.3	52.9	2:15p	29.6	3:30a	23.8			10.7	39	1:15p	SW
28	35.8	45.2	1:15p	26.7	11:45p	29.0			2.9	25	12:45a	WSW
--	34.4 ¹	59.2 ³	9 th	6.1 ³	21 st	857.3 ²	2	0.65 ²	8.4 ¹	66 ³	19 th	S

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)

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	34.6	45.7	1:45p	24.3	3:00a	30.0			12.5	45	3:30p	SSW
2	45.6	59.3	1:15p	29.3	1:45a	20.7			13.8	36	3:45a	SW
3	49.8	61.8	2:15p	40.0	2:00a	14.1			9.6	32	2:45p	SW
4	45.2	56.2	1:30p	28.6	12:00m	22.6			16.5	50	10:15p	WSW
5	31.1	42.7	3:15p	21.1	6:45a	33.1			6.2	36	4:15a	NW
6	33.0	46.7	3:30p	25.1	5:15a	29.1			0.6	19	11:45p	NE
7	34.3	49.6	12:15p	20.3	5:30a	30.1			6.6	35	1:45a	S
8	44.4	56.7	4:45p	29.4	1:45a	22.0			5.1	33	2:30a	NW
9	48.0	57.4	2:00p	40.3	4:15a	16.2			1.1	21	1:00a	W
10	43.8	51.8	10:30a	40.3	6:30a	19.0			0.9	21	10:15a	W
11	31.6	44.1	4:45p	20.8	7:45a	32.6			1.3	20	11:45p	NNW
12	38.9	53.2	4:15p	27.6	4:45a	24.6			6.4	24	1:45a	SSE
13	37.9	48.6	3:15p	27.8	8:15a	26.8			5.7	42	9:45p	S
14	45.9	62.7	4:15p	31.6	7:00a	17.8			12.0	37	4:15a	SSE
15	45.9	57.0	2:45p	34.6	10:00p	19.2			13.3	44	5:00p	W
16	39.7	51.3	5:15p	29.2	7:15a	24.8			10.5	37	10:30a	SW
17	44.8	54.6	3:45p	35.5	6:15a	20.0			9.3	39	4:00p	SW
18	39.3	49.7	12:30p	31.0	4:00p	24.7			11.4	43	3:30p	WSW
19	30.2	36.8	2:45p	24.0	7:30a	34.6			5.8	34	8:15a	NE
20	35.5	49.0	2:00p	23.4	7:00a	28.8			2.7	25	1:00p	NW
21	40.5	56.1	4:00p	28.0	6:30a	23.0			8.0	28	6:00a	SSE
22	55.0	68.4	3:00p	42.6	5:45a	9.5			4.0	35	5:15p	W
23	55.3	59.6	11:30a	43.8	11:30p	13.3			14.7	53	2:15p	W
24	48.4	56.4	6:15p	38.3	7:15a	17.7			9.0	42	2:00p	SW
25	51.5	63.5	3:00p	43.1	6:30a	11.7			8.9	36	3:30p	SW
26	45.9	54.3	5:45p	32.6	12:00m	21.6			5.0	33	3:45p	SW
27	28.3	32.6	12:15a	25.9	6:30a	35.8		0.15	3.7	24	9:30p	NNE
28	35.2	47.3	4:30p	26.2	4:15a	28.3			2.8	29	7:45p	S
29	34.9	49.2	4:30p	25.4	7:15a	27.7		0.45	2.1	36	9:00p	NE
30	41.8	60.7	4:30p	26.1	3:45a	21.6			9.8	34	8:45p	WSW
31	50.8	62.2	3:30p	40.9	11:45p	13.4			6.9	38	7:45p	S
--	41.5 ¹	68.4 ³	22 nd	20.3 ³	7 th	713.9 ²	²	0.60 ²	7.3 ¹	53 ³	23 rd	SW

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)

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	40.8	51.8	3:15p	29.3	11:45a	24.5			10.6	39	2:15a	S
2	54.5	63.8	3:00p	42.6	12:45a	11.8			11.5	44	4:00p	W
3	37.5	53.9	12:15a	26.2	8:15a	24.9			6.3	48	12:00m	NW
4	41.4	61.3	3:45p	24.2	7:15a	22.3			11.1	44	12:15a	SSE
5	51.8	63.4	3:30p	42.3	6:30a	12.2			1.7	28	2:30p	WSW
6	38.8	57.8	12:00p	20.4	10:15p	25.9			1.2	24	2:15p	S
7	33.7	51.6	2:30p	19.9	7:00a	29.3			8.3	43	10:45p	S
8	48.3	59.4	1:15p	31.2	3:00a	19.7		0.03	7.4	39	7:45a	NW
9	39.8	48.5	5:15p	30.4	5:00a	25.5			2.5	25	12:00m	NE
10	47.5	63.8	3:45p	30.8	4:15a	17.7			9.9	41	1:15a	S
11	60.8	71.8	2:00p	52.4	1:15a	2.9			8.1	38	4:45p	W
12	59.9	69.0	2:30p	48.8	12:00m	6.1			15.4	51	5:15p	W
13	31.6	48.8	12:15a	23.8	11:45p	28.7		0.15	5.8	35	12:30a	NE
14	30.9	43.9	3:15p	21.1	7:00a	32.5			2.7	22	2:30p	NE
15	44.2	57.5	3:45p	29.2	12:30a	21.7			5.6	38	9:15p	S
16	54.6	68.9	3:30p	38.4	6:45a	11.3			14.0	43	11:30a	S
17	52.4	65.3	3:00p	34.2	12:00m	15.3			17.6	66	1:45p	SW
18	39.2	51.9	4:45p	25.4	6:30a	26.3			4.0	27	4:15p	S
19	43.3	53.1	4:15p	31.5	6:45a	22.7			23.7	57	6:00p	SSW
20	36.3	44.1	12:15a	31.0	10:15p	27.5		0.01	13.2	46	2:30a	S
21	33.0	42.3	1:45p	27.0	4:45a	30.3		0.03	1.9	22	11:30a	NE
22	45.6	58.4	3:45p	29.9	6:15a	20.8			3.1	24	12:15p	ENE
23	52.8	69.4	3:45p	37.1	6:15a	11.8			6.8	30	12:30p	S
24	34.0	53.5	12:15a	26.8	12:00m	24.8		0.03	6.8	26	2:00p	NE
25	40.0	57.3	6:00p	25.2	6:45a	23.8		0.03	3.3	35	11:15p	S
26	43.2	48.6	2:30p	36.8	11:15p	22.3			8.6	34	12:15a	NE
27	50.1	64.7	3:30p	36.0	5:00a	14.7			7.3	29	9:45p	SSE
28	55.3	66.7	11:30a	45.9	4:15a	8.7			6.9	37	7:15p	SSW
29	58.4	71.3	3:15p	46.0	6:30a	6.3			15.0	43	5:00p	SSW
30	54.8	66.1	3:15p	42.9	6:30a	10.5			14.1	42	1:45a	SW
--	45.1 ¹	71.8 ³	11 ^h	19.9 ³	7 ^h	582.7 ²	2	0.28 ²	8.5 ¹	66 ³	17 ^h	S

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)

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	55.4	66.4	3:30p	40.1	7:00a	11.8			6.4	41	2:15p	WSW
2	49.0	62.1	3:30p	40.0	12:00m	14.0			7.9	46	4:45p	SW
3	44.1	56.1	1:30p	34.6	6:15a	19.7			4.4	30	5:00p	NE
4	47.0	56.6	1:15p	37.8	1:30a	17.8		0.01	2.0	30	2:45p	SW
5	56.8	66.3	12:45p	45.0	6:15a	9.3			1.3	28	5:45p	S
6	62.5	73.6	2:45p	51.1	6:15a	2.7			1.6	22	2:30p	NW
7	67.5	78.0	3:15p	59.6	6:15a		3.8		2.7	31	6:30p	WNW
8	66.6	75.9	3:00p	56.4	11:45p		1.2		1.0	21	10:30a	NW
9	64.2	76.6	5:00p	52.4	5:30a	0.5			3.3	26	9:00p	SSE
10	68.1	81.0	4:30p	53.6	6:30a		2.3		8.4	42	2:30p	WSW
11	67.9	77.7	3:00p	59.0	6:30a		3.3		9.1	39	2:00p	W
12	66.9	75.5	2:45p	58.4	6:45a		1.9		13.1	49	2:45p	SSW
13	62.5	74.3	4:45p	47.0	5:00a	4.3			6.1	34	5:15p	SW
14	58.0	72.8	5:00p	45.8	6:30a	5.7			3.6	28	2:00p	NE
15	53.1	65.4	2:45p	42.4	5:15a	11.1		0.02	9.0	35	11:00p	S
16	61.0	74.5	5:45p	47.1	4:00a	4.2			9.6	32	10:00p	S
17	65.7	78.8	4:30p	51.9	5:45a		0.4		11.3	40	5:15p	S
18	56.1	65.5	1:15p	49.2	12:00m	7.7			5.9	33	2:30p	NE
19	47.2	60.3	12:45p	38.5	11:45p	15.6		0.13	2.8	32	6:45p	NE
20	47.2	60.2	1:45p	37.0	5:45a	16.4		0.06	3.9	32	6:15p	SW
21	50.2	61.0	11:45a	44.7	1:00a	12.2		0.02	10.2	49	3:15p	SSW
22	54.2	72.2	2:30p	45.3	5:15a	6.3			16.4	52	5:15p	S
23	54.8	63.6	1:30p	48.3	6:15a	9.1			17.4	45	2:30p	S
24	63.1	77.9	5:30p	48.7	6:15a	1.7			8.1	35	12:30a	S
25	67.5	78.0	1:15p	55.4	3:00a		1.7		4.0	26	11:45p	S
26	70.3	79.6	1:30p	61.7	4:15a		5.7		8.7	31	1:45p	SSW
27	68.4	78.0	3:00p	55.2	6:15a		1.6		14.2	47	4:45p	SSW
28	63.9	77.6	4:45p	50.0	6:00a	1.2			7.0	41	3:45p	NE
29	61.2	74.8	7:00p	48.7	5:45a	3.3			0.8	18	12:00p	NW
30	60.9	71.2	1:30p	51.5	5:30a	3.7			2.1	29	1:30p	SE
31	68.8	80.5	2:00p	51.6	1:00a		1.1		6.6	35	3:45p	SSW
--	59.7 ¹	81.0 ³	10 th	34.6 ³	3rd	177.9 ²	22.9 ²	0.24 ²	6.7 ¹	52 ³	22 nd	S

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	71.4	83.0	2:30p	62.0	6:15a		7.5		11.0	38	7:15p	WSW
2	61.1	71.8	5:00p	49.4	6:00a	4.4			4.8	27	3:30p	NE
3	53.3	61.5	12:45p	47.0	12:00m	10.8		0.02	8.7	37	8:15a	S
4	65.2	79.9	5:00p	45.6	1:15a	2.3			3.8	26	2:00a	NW
5	71.9	83.2	1:30p	59.9	4:45a		6.6		6.6	28	6:15p	S
6	73.7	84.3	12:30p	62.2	3:15a		8.3		1.8	21	5:00p	NW
7	67.5	79.8	5:45p	55.4	7:30a		2.6		5.7	32	8:00p	S
8	68.8	79.8	12:45p	59.8	3:30a		4.8	0.02	9.1	40	7:30p	S
9	66.6	79.2	12:15p	55.0	5:45a		2.1		11.2	39	3:00p	S
10	71.6	83.4	5:00p	60.9	4:00a		7.2		9.0	31	2:30a	W
11	70.6	80.7	3:45p	58.9	7:45a		4.8		7.5	36	8:00p	S
12	70.3	82.2	12:45p	60.0	6:00a		6.1		7.5	34	12:30a	S
13	62.0	72.2	1:00p	54.2	5:15p	1.8			14.6	46	4:00a	SSW
14	69.9	83.7	2:15p	57.5	3:15a		5.6		9.6	37	7:00p	SSW
15	71.8	82.8	1:15p	62.1	3:00a		7.4		6.4	36	10:00p	S
16	62.8	68.9	12:45p	58.8	10:00p	1.2			13.1	41	9:00a	S
17	62.2	71.5	2:15p	51.5	5:45a	3.5			10.5	40	5:45p	SSW
18	67.4	81.2	3:45p	53.2	5:30a		2.2		7.4	33	5:45p	SW
19	69.3	84.5	6:00p	54.1	11:45p		4.3		8.4	36	10:45p	SSE
20	63.7	76.9	5:15p	49.6	5:30a	1.8			3.4	31	1:15a	NNE
21	67.3	81.2	4:15p	54.5	5:45a		2.8		5.7	30	11:30p	S
22	69.9	85.2	2:00p	56.7	11:45p		5.9		4.7	43	1:30p	NE
23	66.8	79.0	5:00p	55.2	1:45a		2.1		7.7	35	2:30p	S
24	59.4	73.1	2:45p	46.2	12:00m	5.3			3.6	33	7:15p	NE
25	61.1	75.3	4:15p	44.3	3:30a	5.2			8.9	37	5:30p	S
26	74.0	86.5	2:30p	59.5	4:30a		8.0		6.7	33	11:15p	SSE
27	78.0	89.3	4:30p	66.9	5:30a		13.1		7.9	33	10:15p	SSE
28	73.8	87.8	1:30p	64.4	6:00a		11.1		13.2	43	6:15p	S
29	74.2	83.7	1:00p	65.7	5:30a		9.7		9.4	39	2:15p	SSW
30	68.8	80.0	2:15p	52.4	12:00m		1.2		4.6	37	6:45p	SSE
--	67.8 ¹	89.3 ³	27 th	44.3 ³	25 th	36.1 ²	123.4 ²	0.04 ²	7.7 ¹	46 ³	13 th	S

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)

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	63.1	76.7	3:15p	48.7	5:15a	2.3			9.6	39	7:15p	S
2	66.8	80.9	12:00p	57.7	6:15a		4.3		13.5	43	10:15p	S
3	67.8	82.3	12:15p	52.9	5:45a		2.6		9.4	46	1:45a	S
4	74.0	83.7	3:45p	65.3	12:00m		9.5		4.5	40	8:45p	S
5	61.5	75.4	11:45a	54.0	12:00m	0.3		0.05	3.0	27	4:00p	N
6	64.4	76.0	4:45p	52.3	5:15a	0.8			7.6	36	10:00p	S
7	66.8	80.8	2:45p	55.4	3:45a		3.1		10.0	35	9:15p	S
8	67.7	80.8	3:00p	56.0	5:45a		3.4		10.9	31	6:15p	S
9	68.7	80.9	4:00p	57.7	6:00a		4.3		9.2	28	3:45a	SSE
10	69.3	80.8	4:15p	59.7	3:30a		5.3		10.6	31	7:45p	S
11	63.5	76.6	12:00p	57.1	6:45a		1.8	0.04	13.3	33	5:30p	S
12	63.2	77.6	1:00p	50.3	2:00p	1.1		0.43	6.7	36	1:45p	S
13	65.8	77.1	2:45p	58.6	7:00a		2.8	0.27	2.8	24	5:15p	S
14	65.7	77.6	1:00p	57.8	2:45p		2.7	0.49	3.1	26	6:30p	S
15	68.9	81.3	4:00p	57.7	12:00m		4.5	0.16	2.5	35	5:45p	ENE
16	62.1	74.8	12:15p	56.2	3:00a		0.5	0.03	1.5	24	4:00p	NW
17	64.0	74.5	10:45a	55.8	2:30p		0.2	0.15	2.9	32	2:00p	WSW
18	72.2	85.4	4:00p	59.4	2:45a		7.4	0.11	2.4	25	12:15p	S
19	76.2	86.4	1:30p	66.6	4:15a		11.5	0.07	4.2	25	2:45a	SSW
20	74.3	83.5	12:15p	68.8	11:45p		11.2		3.9	28	3:15p	SSW
21	74.2	85.2	5:00p	65.6	6:00a		10.4		5.2	30	5:00p	SW
22	73.9	88.5	1:00p	61.4	11:30p		9.9		2.5	25	5:45p	ENE
23	64.1	79.6	1:45p	56.3	5:45p		2.9	0.05	3.2	38	5:15p	NE
24	65.7	82.3	12:30p	55.8	3:15a		4.1	0.24	1.3	30	11:45p	S
25	66.3	83.0	1:45p	56.1	10:30p		4.6	0.02	3.9	29	12:30a	S
26	61.4	74.0	12:15p	55.2	6:00a	0.4		0.03	3.0	29	5:45p	NE
27	59.6	68.2	2:00p	53.9	4:45a	4.0		0.34	6.8	31	11:30a	SSW
28	64.3	78.5	1:00p	55.0	6:30a		1.8	0.15	3.7	27	3:00p	SSE
29	69.6	79.7	4:30p	58.2	12:15a		3.9		2.6	32	6:45p	NE
30	58.9	70.6	2:45p	49.3	5:00a	5.1		0.02	1.8	25	12:30a	NE
31	62.8	76.1	5:00p	53.5	6:00a	0.2			3.9	25	9:30a	SSE
--	66.7 ¹	88.5 ³	22 nd	48.7 ³	21 st	14.1 ²	112.7 ²	2.65 ²	5.5 ¹	46 ³	3 rd	S

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	65.2	80.2	2:30p	54.7	8:45p		2.4	0.06	3.1	33	6:00p	SSE
2	66.6	80.9	2:00p	53.5	5:00a		2.2		5.1	31	3:00a	S
3	64.4	76.6	12:45p	58.2	9:45p		2.4	0.35	3.6	25	1:00a	SSW
4	71.7	82.0	3:30p	61.9	1:00a		6.9		2.8	26	9:15p	S
5	68.9	79.9	1:30p	59.5	5:45a		4.7	0.03	12.8	36	5:15p	S
6	65.7	76.5	4:00p	54.9	12:00m		0.7		7.2	34	1:15a	SSE
7	63.1	73.7	3:15p	54.2	6:00a	1.1		0.04	5.1	29	6:15p	SSE
8	61.1	70.4	1:30p	55.2	6:30a	2.2		0.15	5.2	29	8:00a	S
9	62.8	71.1	4:45p	54.2	6:15a	2.3			1.7	21	8:00p	SSE
10	64.1	74.7	2:15p	58.4	4:30a		1.6		1.9	24	2:15p	ENE
11	63.9	73.9	3:15p	55.7	6:00a	0.2			3.0	28	9:30p	SSE
12	63.9	74.7	3:45p	54.9	3:15a	0.2			6.5	30	9:15p	S
13	65.9	78.3	4:15p	52.9	6:30a		0.6		6.1	30	3:45a	SSE
14	66.2	76.9	4:30p	54.7	11:30p		0.8	0.35	0.8	20	9:00p	E
15	61.7	74.6	1:15p	54.2	6:45a	0.6		0.07	4.0	27	7:00a	SSW
16	67.4	78.1	1:15p	57.4	5:45a		2.8		4.3	29	4:15a	S
17	64.6	77.5	12:45p	55.1	12:00m		1.3	0.59	3.2	32	3:30p	SSE
18	60.1	71.0	12:15p	54.2	3:00a	2.4		0.53	3.5	32	3:30p	S
19	58.5	68.3	1:30p	49.6	6:30a	6.0			3.5	25	8:45p	NE
20	60.0	70.5	4:30p	48.6	7:15a	5.5			7.0	43	11:00p	S
21	58.0	69.5	1:30p	52.5	11:45p	4.0		0.11	8.3	42	12:15a	SSE
22	60.5	73.3	4:15p	52.4	12:15a	2.1		0.01	10.8	33	6:30a	S
23	65.0	76.3	5:00p	53.3	8:00p	0.2		0.34	4.3	40	7:45p	SW
24	68.6	77.7	2:00p	60.9	1:00a		4.3		4.5	29	11:15p	S
25	65.1	77.1	1:45p	55.9	10:45p		1.5	0.07	7.8	34	8:45p	SSW
26	67.3	80.7	4:15p	55.1	5:45a		2.9		4.7	29	1:45a	W
27	70.1	79.9	5:00p	59.8	5:30a		4.8		7.7	34	4:30p	W
28	66.6	78.2	5:00p	53.2	12:00m		0.7		1.2	20	5:00p	NE
29	63.8	79.2	4:45p	52.3	3:00a		0.8		8.4	36	9:00p	S
30	71.3	85.0	3:30p	59.9	2:45a		7.4		8.5	33	1:00p	SW
31	69.1	80.4	12:15p	61.6	12:00m		6.0	0.11	5.9	31	11:15p	SSW
--	64.9 ¹	85.0 ³	30 th	48.6 ³	20 th	26.8 ²	54.8 ²	2.81 ²	5.2 ¹	43 ³	20 th	S

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	61.4	70.1	3:00p	53.2	7:00a	3.3			9.3	36	5:15a	S
2	60.0	68.0	11:15a	52.0	12:00m	5.0		0.06	2.9	27	11:45a	NE
3	55.3	64.6	12:45p	50.0	1:30a	7.7		0.15	1.2	19	2:45p	E
4	57.9	68.1	1:30p	51.7	6:45a	5.1		0.02	1.2	26	1:45p	S
5	55.0	64.1	1:45p	49.7	11:00p	8.1			1.3	22	6:15p	NE
6	54.7	62.2	1:30p	48.4	6:15a	9.7		0.01	0.1	12	10:30p	NW
7	57.3	68.3	2:00p	50.8	1:45a	5.4			1.0	17	3:15a	S
8	60.3	72.2	2:15p	51.0	5:45a	3.4			3.4	30	12:00m	S
9	61.1	73.9	3:15p	51.9	6:45a	2.1			2.9	32	12:30a	E
10	67.9	77.3	3:45p	60.2	12:15a		3.8		5.1	30	10:00p	S
11	63.7	77.8	12:00p	55.0	6:00a		1.4	0.09	10.3	38	10:30p	S
12	69.3	81.1	4:15p	56.5	3:30a		3.8		10.0	35	1:00a	WSW
13	70.7	83.4	4:00p	57.6	5:30a		5.5		7.7	26	12:45a	W
14	69.8	81.5	2:45p	59.0	5:15a		5.3		5.9	35	12:00m	SSE
15	64.3	75.8	2:45p	54.1	6:45a	0.1			15.6	36	5:00p	SSE
16	67.0	81.1	2:30p	53.3	6:30a		2.2		9.8	35	2:45a	SSE
17	70.8	82.0	4:30p	57.3	3:15a		4.7		6.2	35	12:15a	S
18	70.7	83.2	2:15p	58.7	4:15a		5.9		7.9	38	12:00m	S
19	66.3	80.6	2:15p	57.5	6:15a		4.1	0.04	9.2	38	12:15a	SSE
20	57.8	65.6	2:15p	53.1	9:45a	5.7		0.13	3.9	28	12:15a	SSE
21	52.5	62.9	3:30p	45.4	9:30a	10.8		0.03	5.2	37	9:45p	NE
22	58.8	72.4	3:30p	46.9	7:15a	5.3			8.4	37	11:00p	S
23	64.4	74.4	3:00p	52.8	2:30a	1.4			8.2	34	8:45p	S
24	64.6	75.5	4:15p	54.3	12:00m	0.1			4.6	29	3:30p	W
25	50.8	58.8	6:00a	43.2	9:30a	14.0			2.7	24	8:45a	N
26	46.9	56.8	3:45p	38.6	6:45a	17.3			12.6	45	11:00a	S
27	62.5	76.7	3:15p	44.7	12:15a	4.3			3.9	27	9:00p	SSE
28	52.6	64.0	2:00a	42.9	11:45p	11.5			1.9	26	11:00p	NNW
29	62.3	77.9	3:30p	42.4	2:00a	4.8			10.2	31	1:15a	WSW
30	67.0	77.1	5:00p	58.7	11:45p		2.9		5.5	30	1:30p	WSW
--	61.5 ¹	83.4 ³	13 th	38.6 ³	21 st	125.3 ²	39.5 ²	0.53 ²	5.9 ¹	45 ³	26 th	S

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)

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	63.0	73.5	3:15p	54.2	5:30a	1.2			6.8	28	4:00a	SSW
2	61.9	74.7	1:15p	54.6	7:00a	0.4			8.9	31	4:00p	SW
3	65.4	78.4	1:30p	53.2	2:30a		0.8		5.6	27	5:45a	E
4	54.3	70.9	4:00p	39.6	7:30a	9.8			9.5	41	3:30p	SSW
5	58.0	70.9	2:45p	38.3	12:00m	10.4			12.0	39	5:15a	WSW
6	43.5	55.2	3:30p	33.2	7:00a	20.8			8.1	34	9:00p	SSW
7	49.9	61.1	3:00p	44.0	11:45p	12.5			12.7	43	4:15p	SSW
8	39.2	44.0	12:15a	36.2	10:45p	24.9		0.13	0.4	15	12:45p	NE
9	32.0	36.2	12:15a	29.4	11:00a	32.2		0.13	0.8	17	7:15a	NNE
10	36.9	53.8	3:15p	29.8	12:00m	23.2		0.01	5.4	33	3:15p	S
11	39.0	49.1	5:00p	29.3	12:45a	25.8			13.5	42	6:00a	S
12	47.1	57.1	2:45p	40.6	12:00m	16.2			7.0	36	10:30p	SSW
13	51.3	64.5	2:30p	38.9	6:15a	13.3			5.3	31	2:00a	S
14	22.8	51.0	12:15a	13.7	11:45p	32.7		0.10	5.7	27	2:15a	NNE
15	23.5	36.2	4:45p	13.1	2:30a	40.3			0.1	10	2:30p	N
16	35.8	44.0	4:45p	27.2	7:15a	29.4			1.9	23	2:00p	NE
17	36.4	39.3	12:15p	34.1	9:30p	28.3		0.01	2.9	20	11:45p	SSW
18	37.0	40.5	5:00p	34.5	12:15a	27.5			11.4	35	1:15p	SSW
19	47.0	55.0	2:00p	37.9	12:15a	18.5			2.2	22	12:30p	NE
20	49.2	58.5	2:15p	42.1	12:00m	14.7			5.8	34	11:30p	S
21	50.0	62.7	3:30p	38.9	6:45a	14.2			7.4	30	1:45a	SSE
22	53.8	62.1	2:15p	48.1	12:15a	9.9			2.7	23	8:00p	S
23	48.5	57.5	12:15p	43.9	10:45p	14.3		0.08	4.5	30	3:30p	SSE
24	41.5	44.1	12:15a	39.8	2:15p	23.1		0.34	0.8	15	8:45a	SSW
25	46.3	54.1	3:30p	40.1	12:30a	17.9			1.3	21	12:15p	NE
26	49.7	59.6	4:30p	42.3	3:00a	14.1			0.2	15	1:30p	S
27	55.9	66.7	5:30p	46.7	4:15a	8.3			2.7	21	10:30a	SSE
28	52.5	62.3	3:00p	39.4	4:45a	14.2			6.6	31	8:15p	S
29	58.8	66.4	3:00p	50.2	12:30a	6.7			6.0	34	12:45p	SW
30	39.7	56.3	12:30a	29.3	12:00m	22.2		0.08	0.9	24	2:15a	NNW
31	27.3	29.8	1:30p	25.3	9:00a	37.5		0.80	N/A	N/A	N/A	N/A
--	45.7 ¹	78.4 ³	3 rd	13.1 ³	13 th	564.1 ²	0.8 ²	1.68 ²	5.1 ¹	43 ³	7 th	SSW

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)

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	33.7	41.2	5:00p	25.2	1:45a	31.8			0.8	19	12:30p	NNE
2	45.6	55.5	3:15p	36.2	12:15a	19.2			0.4	15	2:00p	SSW
3	37.4	46.6	1:00a	29.7	12:00m	26.8			2.8	28	1:15p	NE
4	37.3	47.7	6:30p	27.5	1:45a	27.4			8.2	36	2:30p	S
5	42.9	49.5	2:45p	38.2	6:45a	21.2			3.5	30	1:00p	NW
6	39.8	53.0	2:15p	28.3	11:15p	24.3			0.3	19	2:30p	NW
7	31.6	37.4	2:00p	28.3	6:45a	32.2			7.6	31	2:45p	S
8	27.6	30.9	1:15a	22.9	9:30p	38.1			2.3	23	1:30a	NE
9	29.3	39.8	12:30p	20.9	5:30a	34.7			8.9	43	7:30p	S
10	37.5	54.1	2:00p	23.7	5:15a	26.1			7.8	42	1:30a	SSE
11	20.3	25.8	12:15a	15.8	12:00m	44.2		1.20	4.6	22	7:15a	NE
12	14.3	17.4	12:00m	11.8	6:15p	50.4			4.5	26	3:00a	NE
13	24.8	33.5	3:15p	12.9	5:15a	41.8			1.0	23	11:30a	NE
14	39.4	48.8	4:15p	26.9	1:45a	27.2			0.4	15	11:00a	SSW
15	46.4	52.9	2:30p	38.5	11:00p	19.3			1.8	25	11:45p	NE
16	44.3	56.0	1:30p	35.5	6:00a	19.3			6.8	33	1:00a	S
17	27.6	41.5	12:15a	21.4	11:45p	33.5			2.2	24	12:15a	NNW
18	29.0	38.9	2:45p	18.9	2:45a	36.1			1.6	21	11:30a	SSE
19	34.7	41.0	2:30p	28.5	12:00m	30.3			3.8	40	12:00m	S
20	37.7	50.5	2:30p	27.3	6:00a	26.1			5.0	34	12:30a	SSE
21	45.2	54.9	2:00p	36.5	12:15a	19.3			0.6	18	8:00p	S
22	43.8	49.2	2:15p	36.8	11:00p	22.0			7.3	44	7:30p	SW
23	39.0	47.2	2:45p	32.9	7:00a	24.9			5.2	33	11:00a	NW
24	41.1	52.9	12:15p	26.3	12:00m	25.4			8.9	48	2:15p	WNW
25	24.9	31.5	4:15p	18.0	7:30a	40.3			6.9	29	6:00a	NE
26	32.3	44.0	3:15p	21.0	4:30a	32.5			3.2	26	12:15a	SSE
27	46.6	56.4	3:45p	39.2	4:30a	17.2			1.0	21	1:00p	SSE
28	49.4	59.0	12:30p	42.8	10:15p	14.1			2.4	30	6:30a	NW
29	44.5	50.4	3:00p	39.0	5:45a	20.3			9.1	39	4:45a	W
30	37.8	46.8	12:00p	28.3	11:45p	27.5			7.1	27	4:30a	SSW
--	36.2 ¹	59.0 ³	28 th	11.8 ³	12 th	853.2 ²	²	1.20 ²	4.2 ¹	48 ³	24 th	S

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)

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	32.0	39.1	1:00p	22.9	11:30p	34.0			5.6	38	2:45p	NW
2	22.1	25.6	12:00p	17.8	6:00a	43.3			1.4	21	12:00p	SSE
3	21.9	29.5	4:00p	18.2	9:15a	41.1		0.05	1.6	24	2:15p	SSE
4	24.5	32.1	1:45p	18.6	2:00a	39.7			2.5	25	9:30p	S
5	36.2	53.2	1:45p	20.6	12:00m	28.1			7.5	31	2:45p	SSW
6	21.4	33.6	1:30p	11.0	7:00a	42.7			6.8	42	6:45p	SSW
7	29.2	36.4	12:45p	23.6	2:15a	35.0			0.5	19	12:15a	NE
8	33.9	45.4	1:00p	24.5	12:15a	30.0			0.1	14	1:15p	NNE
9	30.4	37.5	12:30p	25.5	6:30a	33.5			0.8	20	2:45p	NE
10	39.1	50.2	12:45p	26.8	1:45a	26.5			3.3	27	5:45p	SSE
11	46.7	56.5	12:15p	34.9	12:00m	19.3			4.7	37	12:00p	SW
12	40.1	55.1	1:00p	24.0	12:00m	25.5			4.9	44	10:30p	WNW
13	21.9	28.3	12:00m	16.8	7:00a	42.5		0.40	8.2	48	1:15a	NE
14	38.0	50.3	1:30p	28.3	12:15a	25.7			4.9	31	9:00p	SSE
15	45.5	54.4	2:00p	35.0	1:00a	20.3			1.2	21	12:30a	SSE
16	42.2	49.3	12:15p	35.3	12:00m	22.7			8.0	35	8:45p	S
17	38.2	46.5	12:15p	32.4	7:15a	25.5			12.4	35	12:15a	SSE
18	40.4	46.6	3:30p	37.1	8:00a	23.2			1.5	19	7:00p	NE
19	36.6	45.5	12:15p	24.9	11:45p	29.8			3.6	29	1:00p	NW
20	30.9	42.7	3:45p	22.5	6:15a	32.4			1.9	20	6:30p	S
21	47.7	58.9	12:15p	38.8	12:15a	16.2			3.1	41	2:30p	NW
22	33.4	45.3	12:00p	21.4	11:00p	31.7			4.5	41	1:30p	NE
23	30.5	42.6	2:15p	20.1	3:45a	33.7			3.9	23	6:00a	S
24	39.0	45.7	3:15p	32.4	11:45p	25.9			3.0	31	1:30p	NW
25	32.8	40.2	3:15p	28.4	12:00m	30.7			12.0	38	11:00a	S
26	31.6	40.9	2:30p	20.3	12:00m	34.4			9.8	41	12:45a	NE
27	16.2	20.3	12:15a	9.2	12:00m	50.3		0.60	4.1	29	2:15a	NE
28	9.9	16.0	3:00p	7.2	3:00a	53.4			1.2	19	11:00p	NNW
29	19.6	32.0	2:15p	6.4	5:15a	45.8			3.5	23	2:45a	SSE
30	34.4	43.6	12:30p	26.1	12:15a	30.2			3.4	21	10:00a	SSE
31	16.3	28.6	12:15a	0.8	11:30p	50.3		0.70	3.4	21	6:00p	N
--	31.7 ¹	58.9 ³	21 st	0.8 ³	31 st	1,023.2 ²	²	1.75 ²	4.3 ¹	48 ³	13 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)