



# Santa Fe Trail Ranch

Climatological Data  
for

2024

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

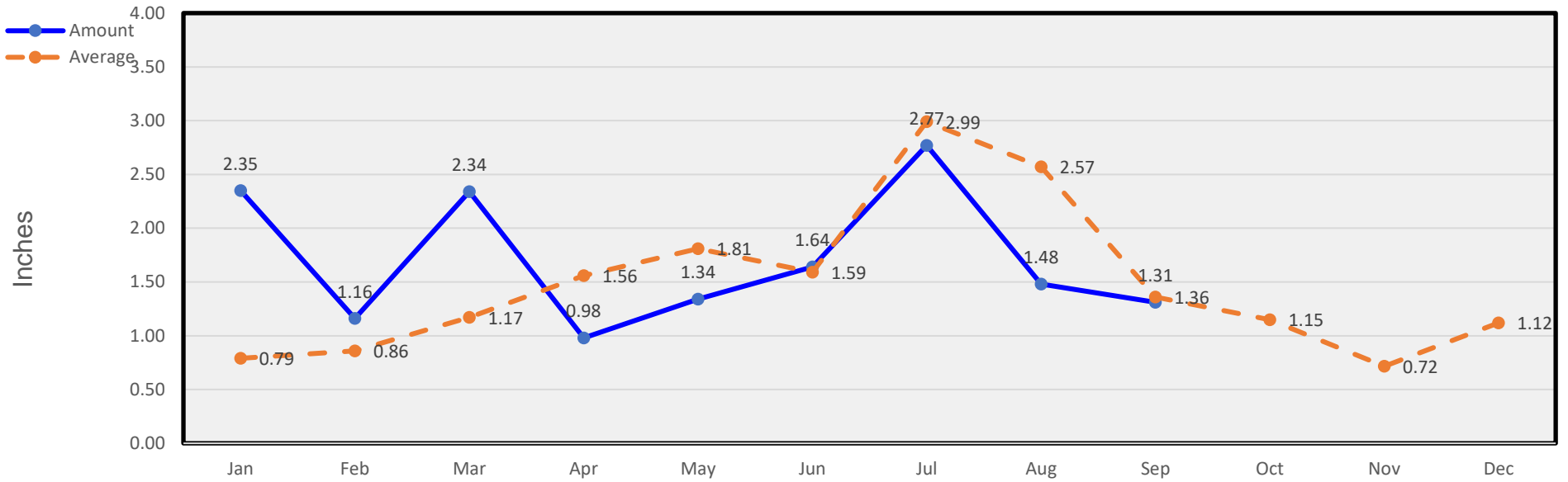
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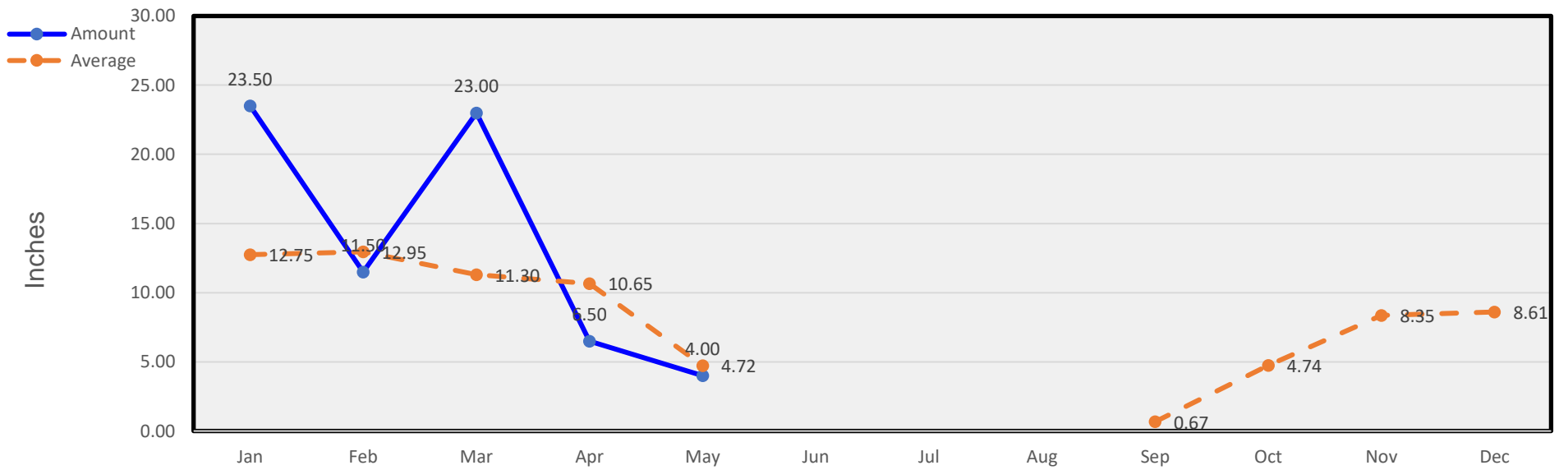
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# Charts

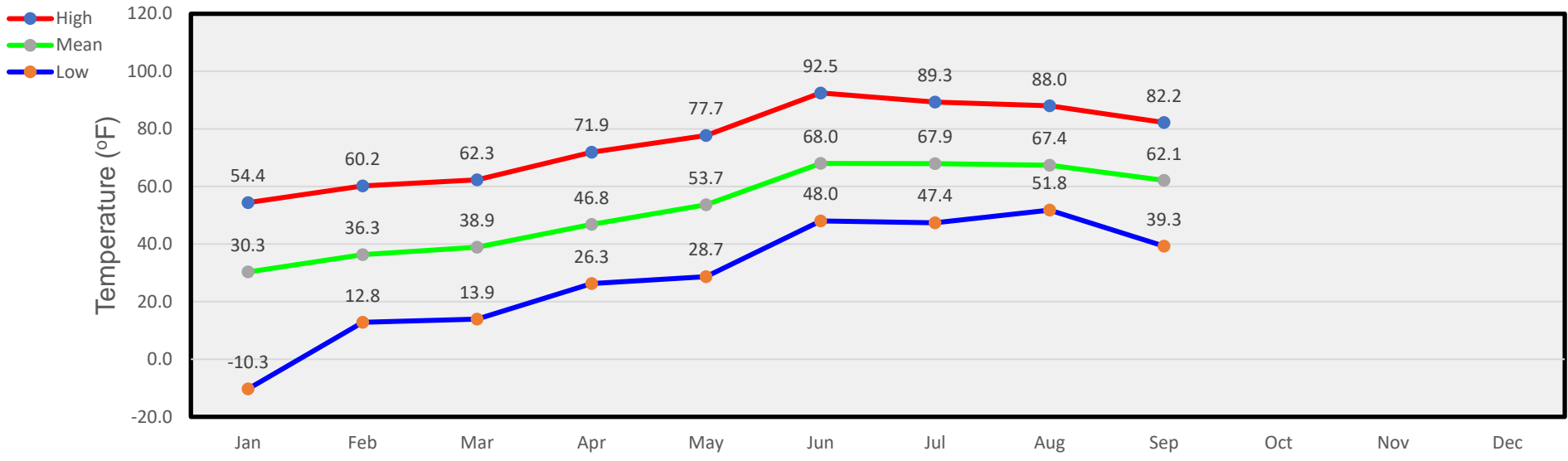
### Monthly Precipitation



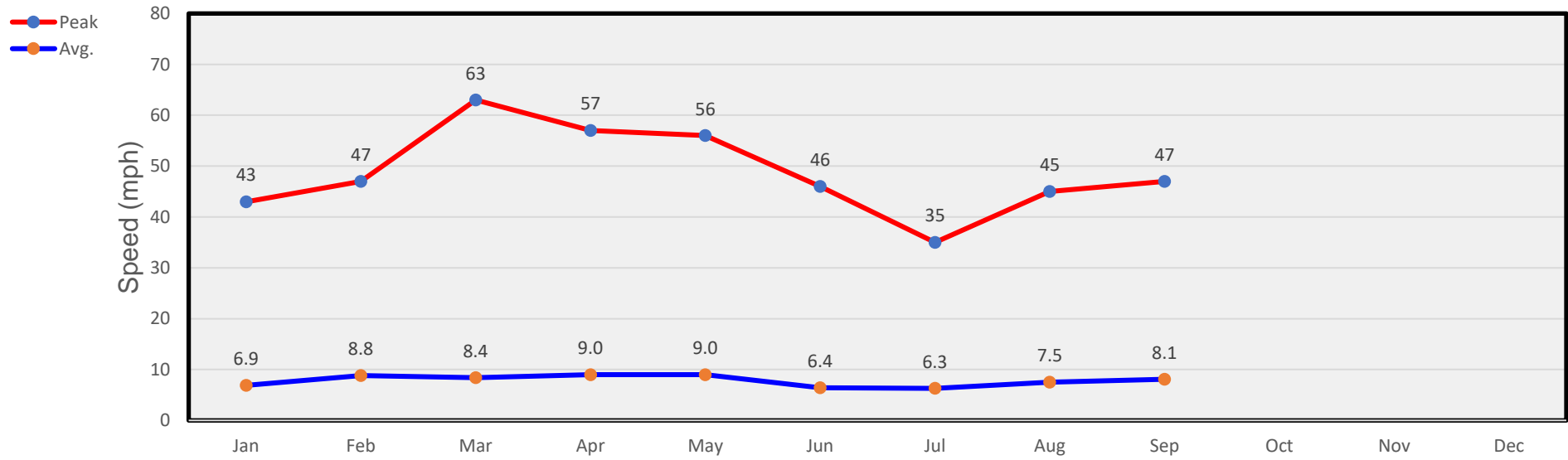
### Monthly Snow



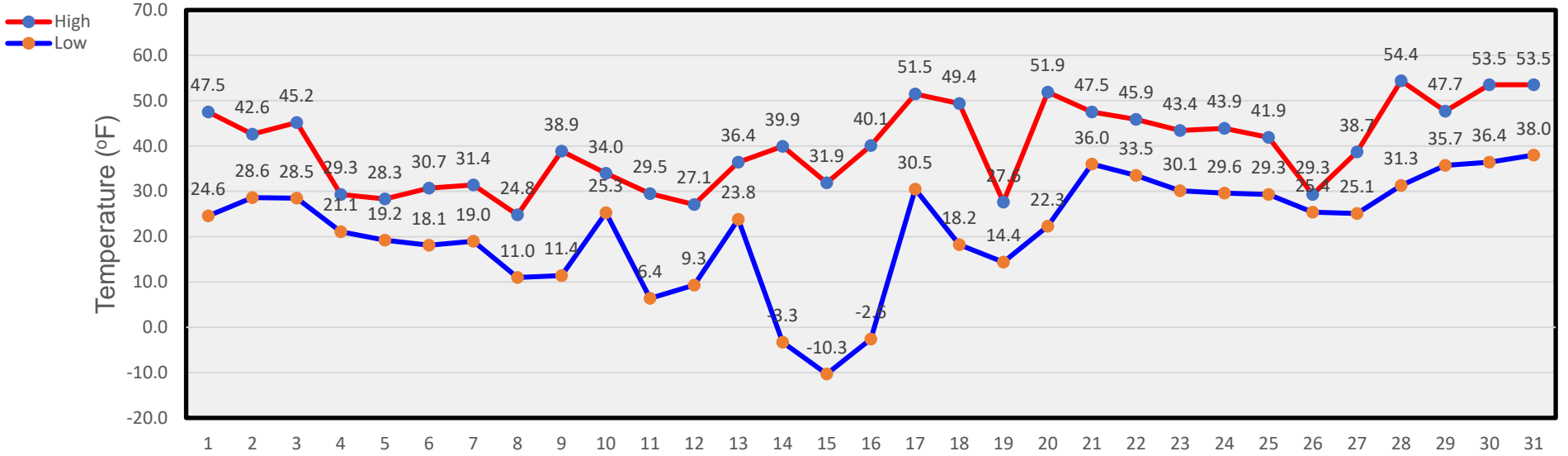
### Monthly Temperatures



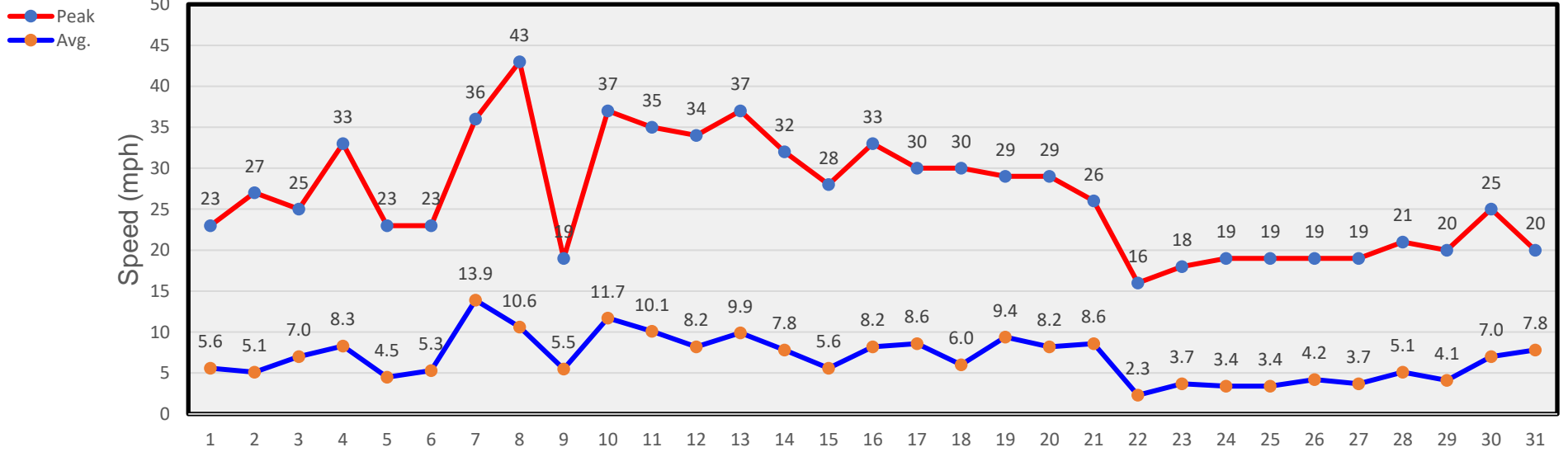
### Monthly Winds



### January Temperatures

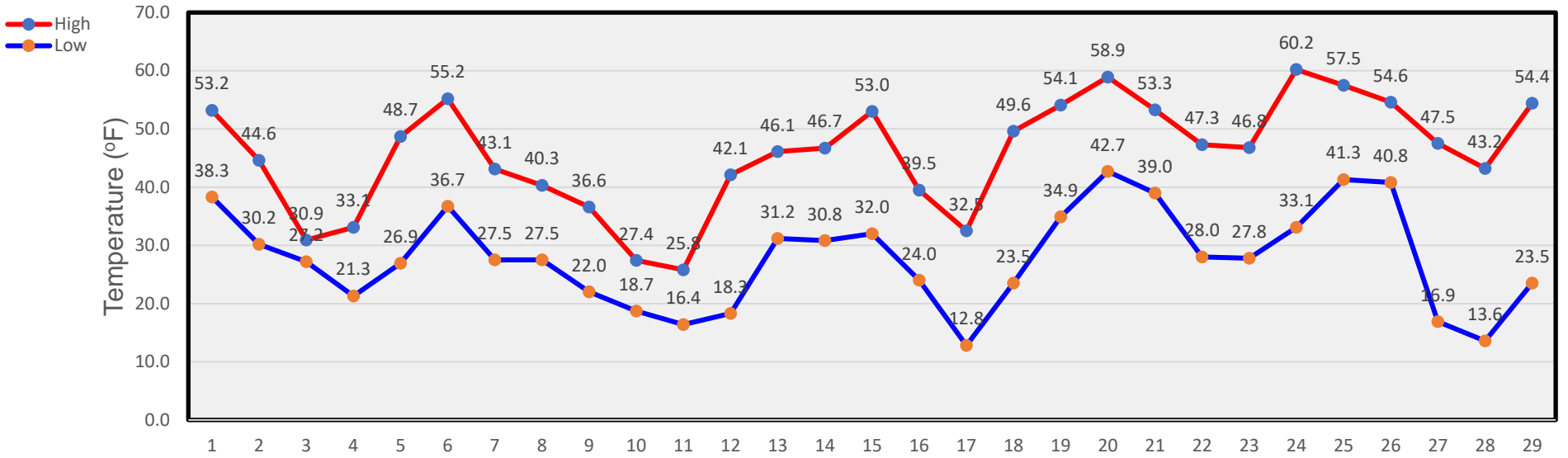


### January Winds

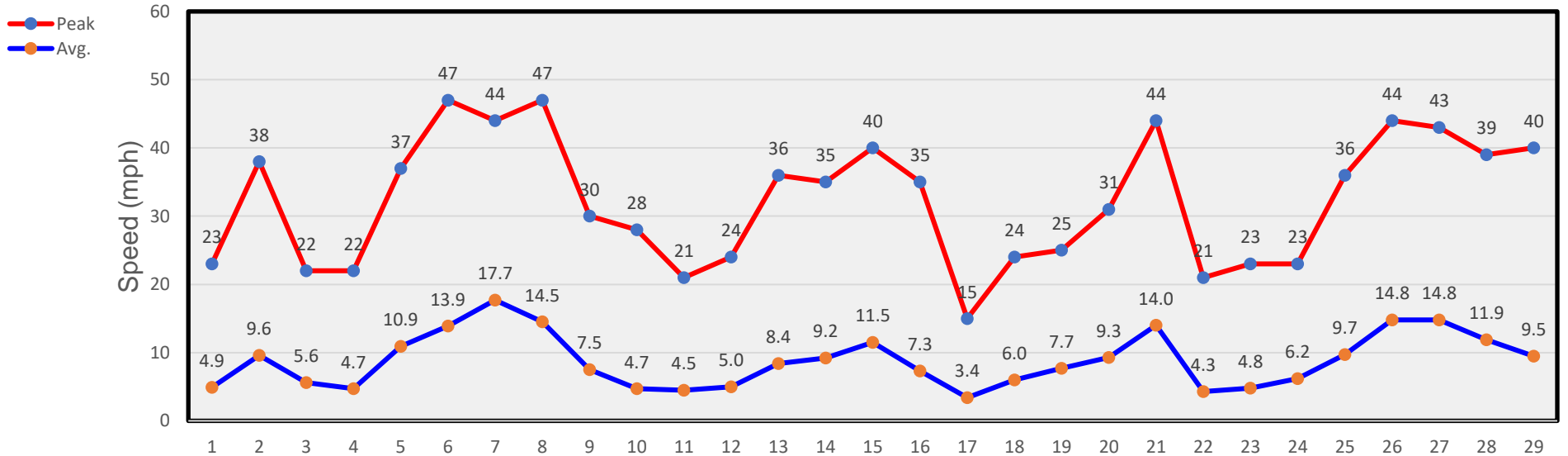




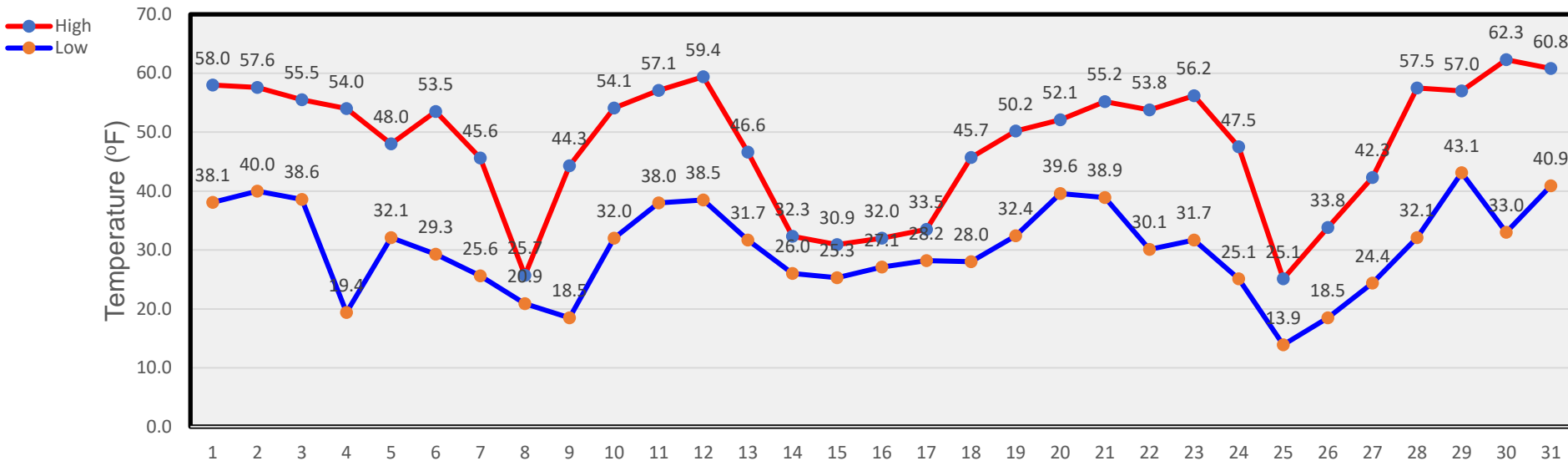
## February Temperatures



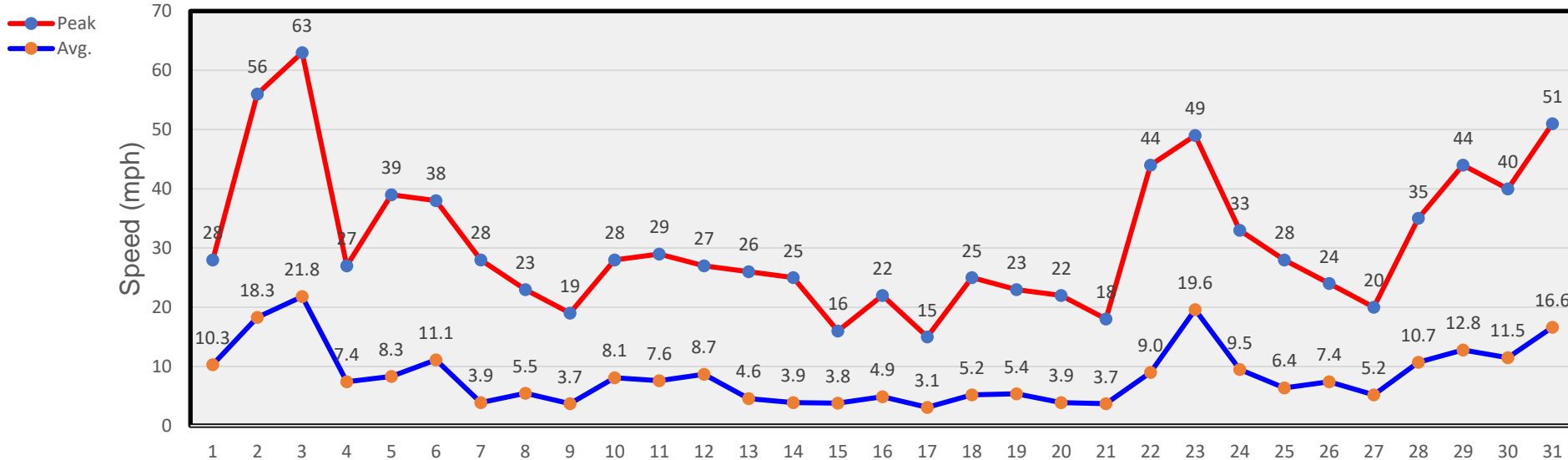
## February Winds



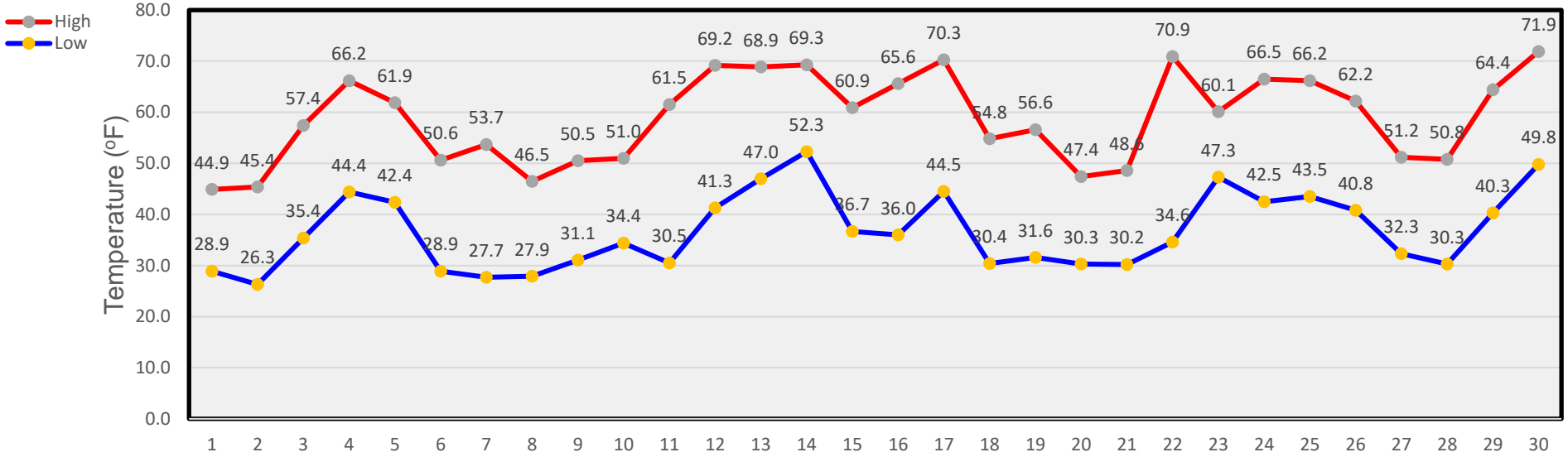
### March Temperatures



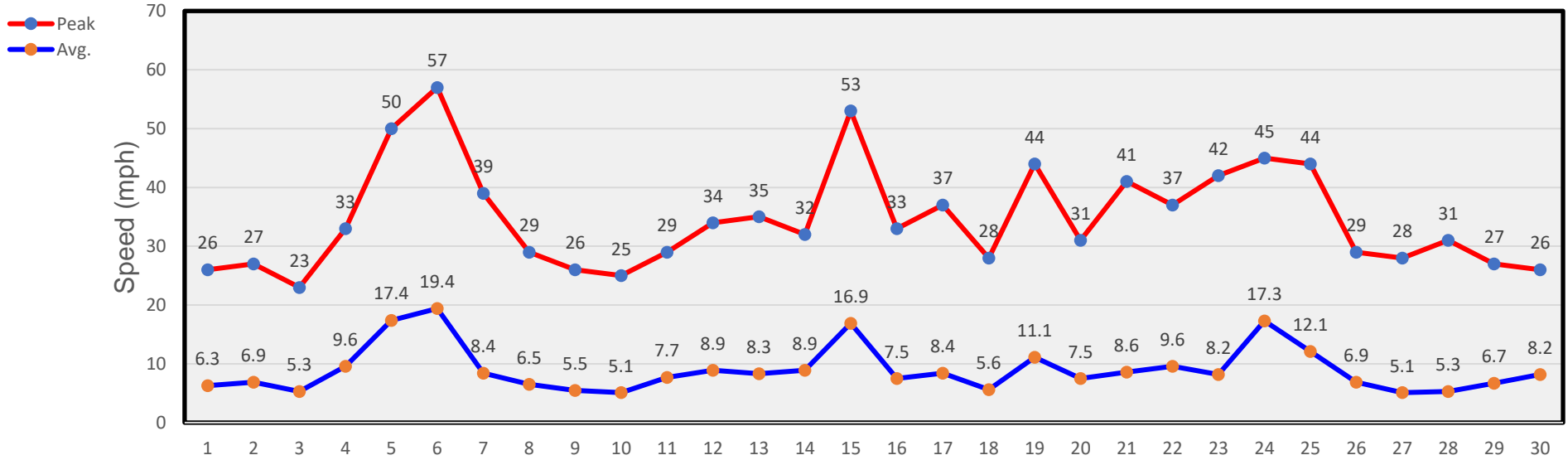
### March Winds



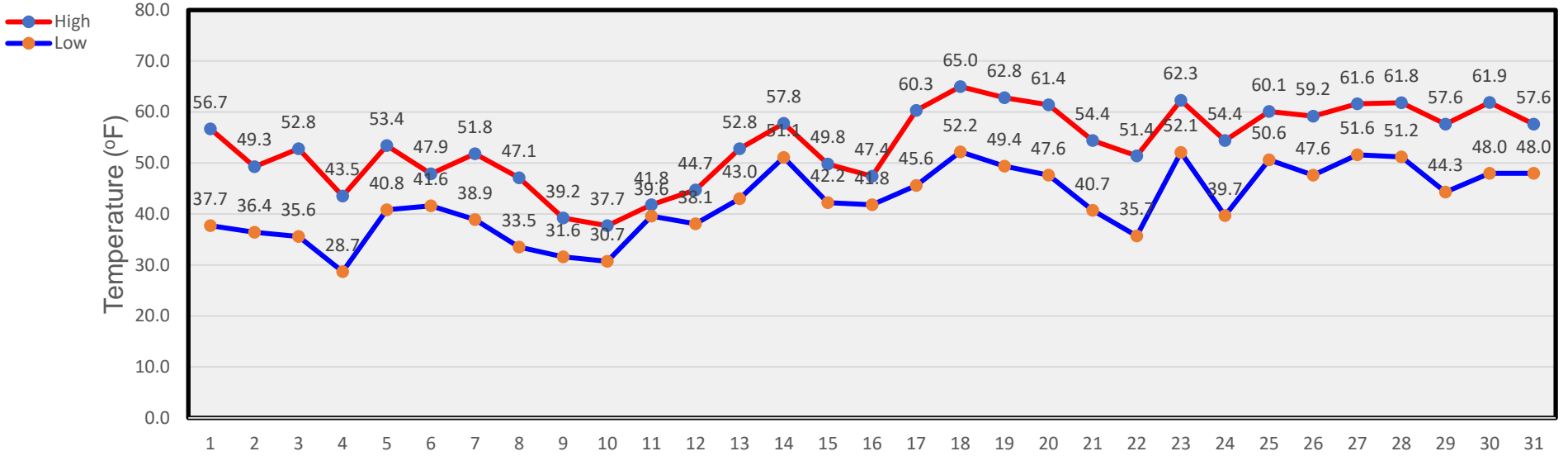
### April Temperatures



### April Winds

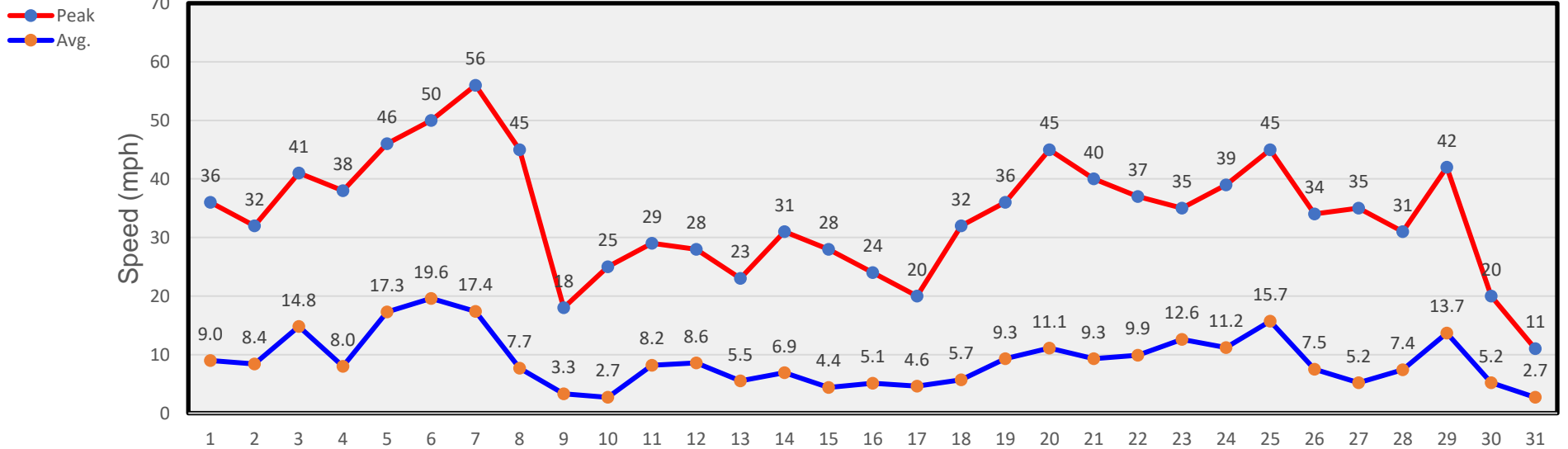


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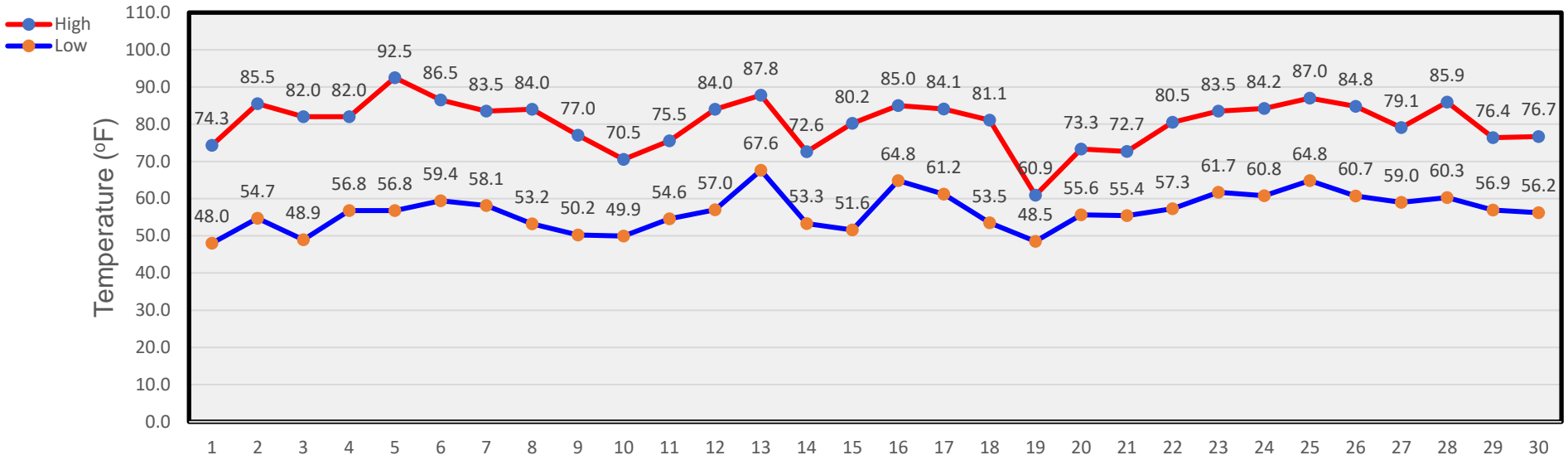


### May Winds

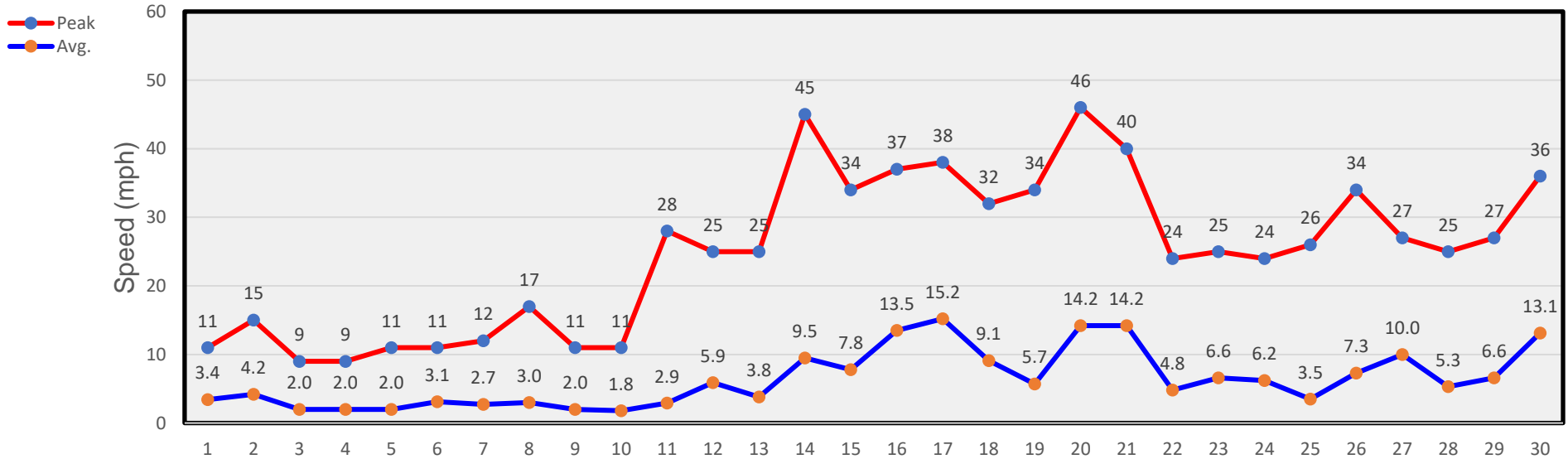
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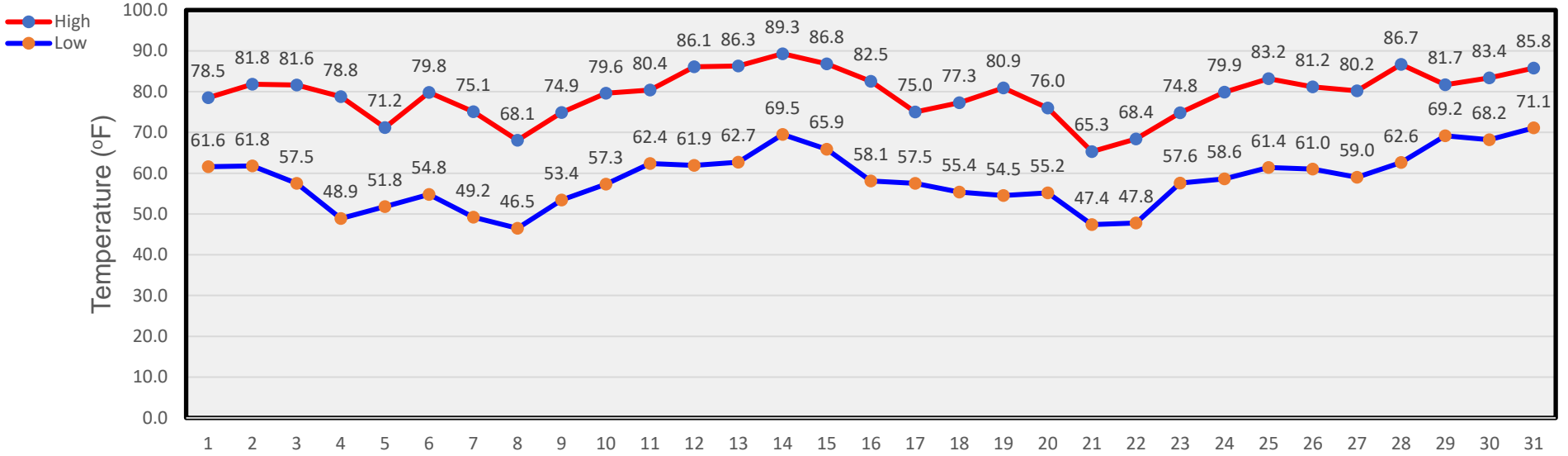
### June Temperatures



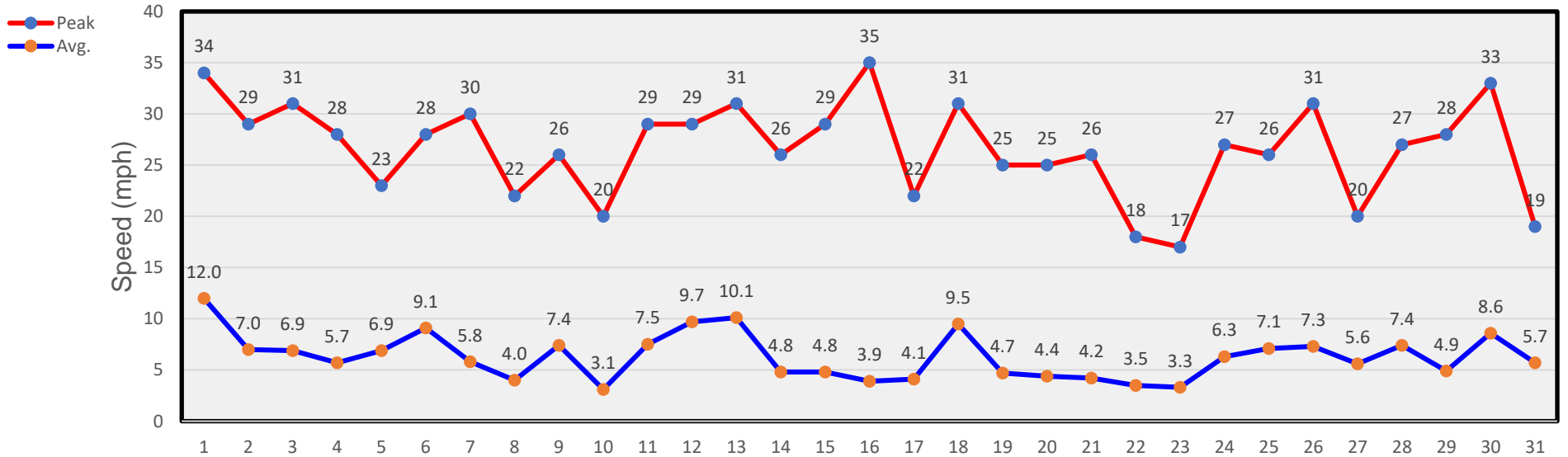
### June Winds



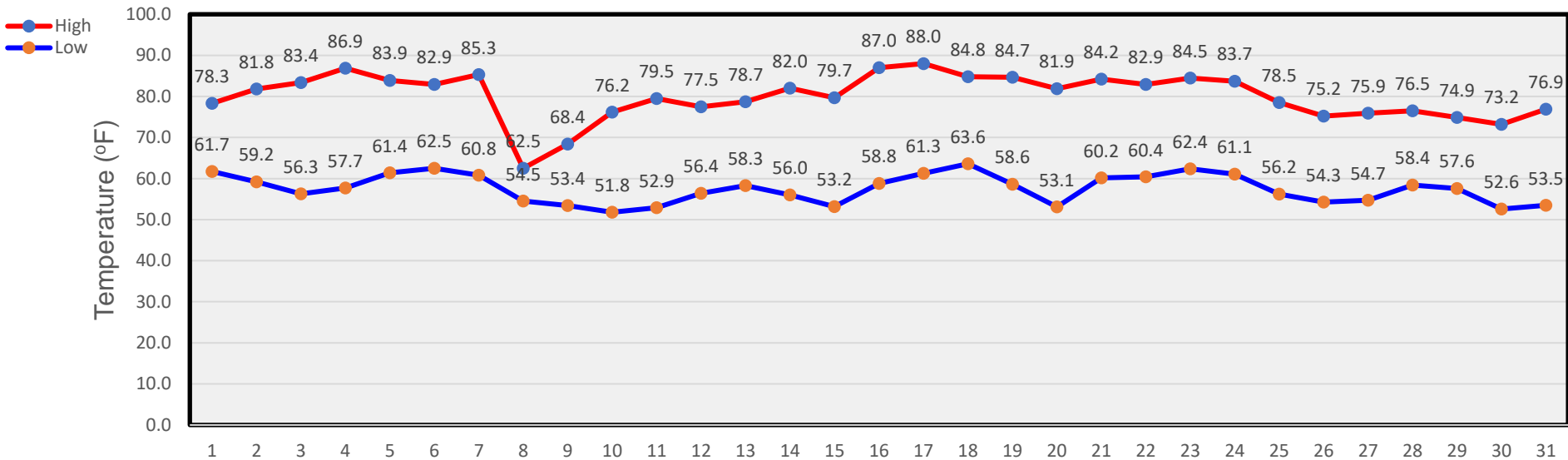
### July Temperatures



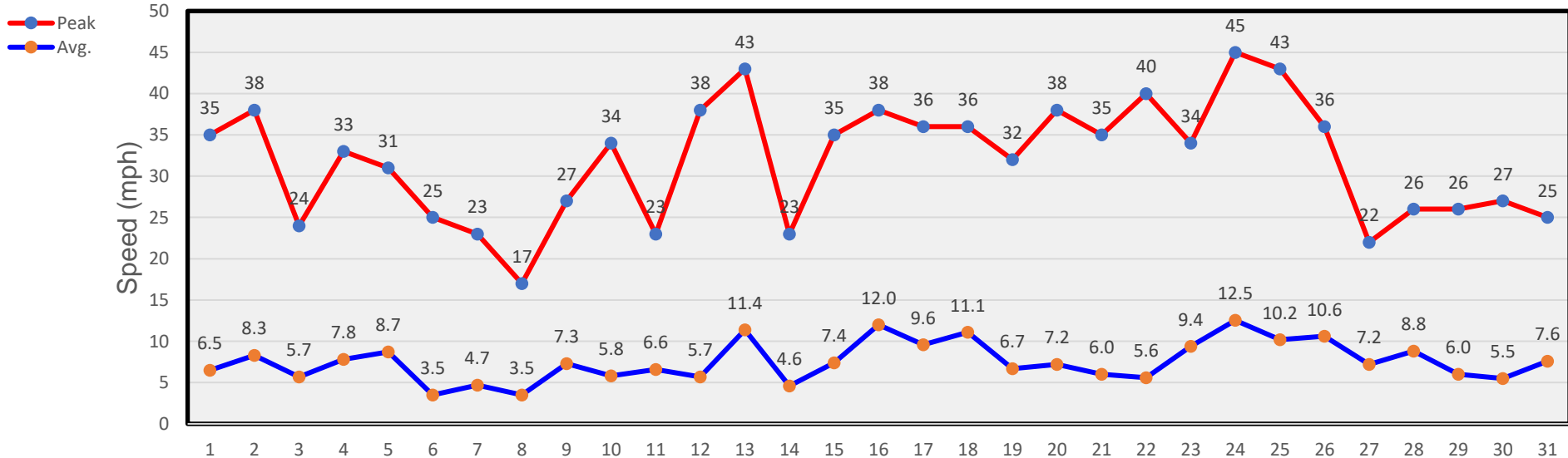
### July Winds



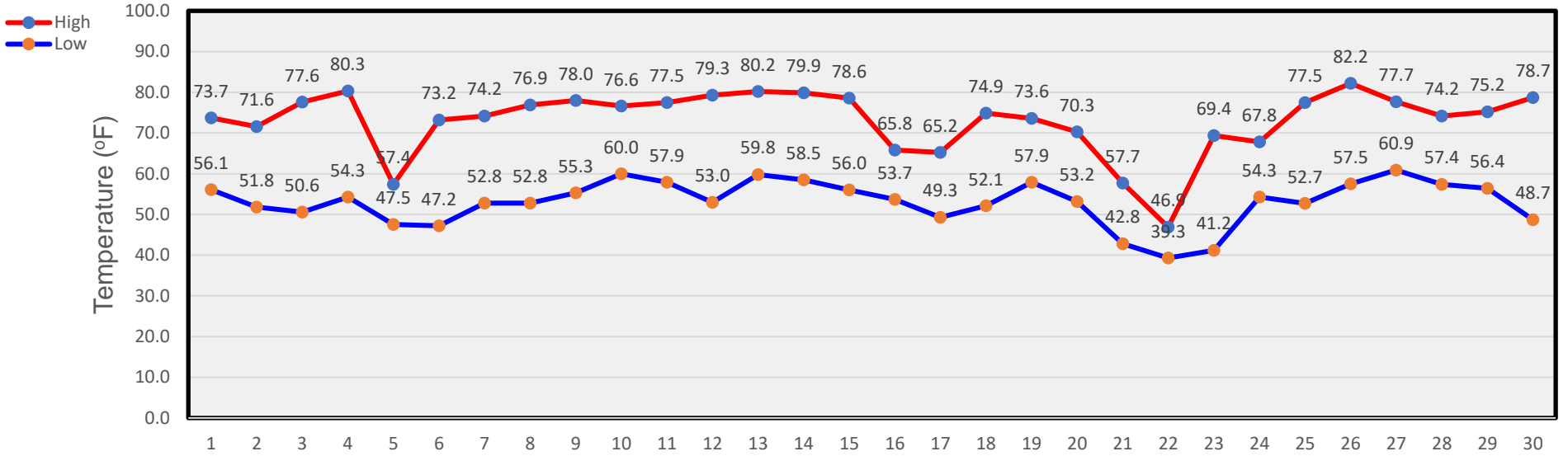
### August Temperatures



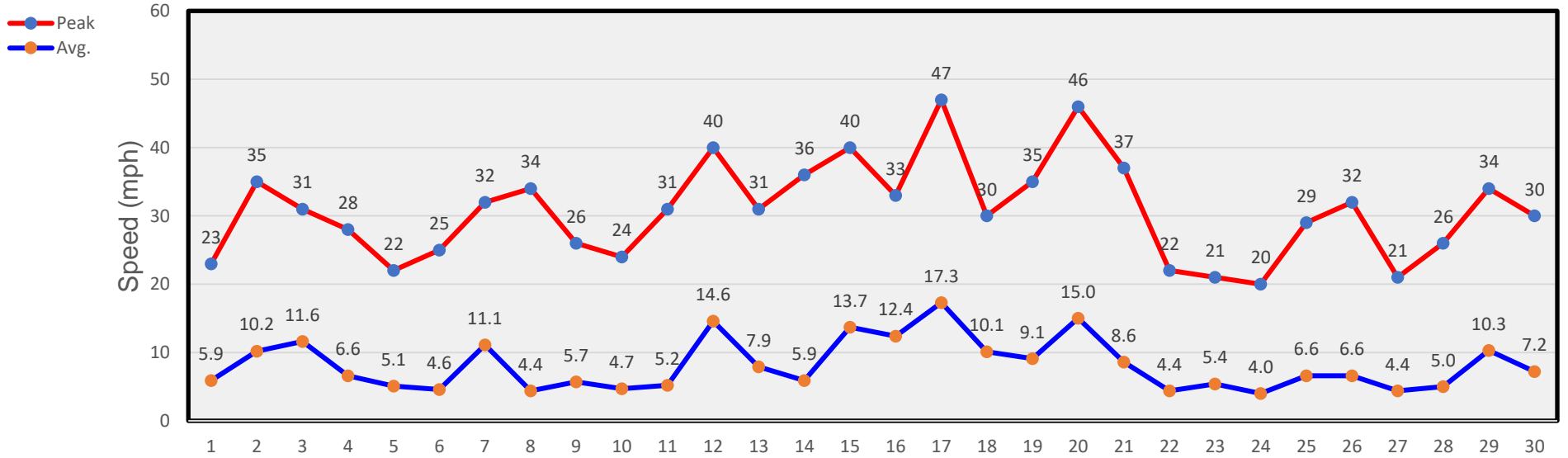
### August Winds



### 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	36.1	47.5	13:00	24.6	02:00	28.9			5.6	23	00:30	SSW
2	34.2	42.6	13:45	28.6	07:30	30.8			5.1	27	22:00	N
3	35.1	45.2	12:30	28.5	01:15	29.9			7.0	25	23:30	S
4	25.5	29.3	00:15	21.1	23:45	39.6		0.55	8.3	33	02:30	S
5	22.8	28.3	13:45	19.2	23:30	42.2			4.5	23	05:00	NE
6	22.8	30.7	15:30	18.1	09:30	42.2		0.15	5.3	23	22:15	NNE
7	24.2	31.4	12:30	19.0	06:00	40.8			13.9	36	13:00	SW
8	15.1	24.8	00:30	11.0	23:00	49.9		1.0	10.6	43	10:00	NE
9	26.8	38.9	12:30	11.4	00:15	38.2			5.5	19	14:15	SSE
10	29.0	34.0	15:45	25.3	07:15	36.0			11.7	37	03:00	W
11	21.0	29.5	13:00	6.4	23:00	41.7			10.1	35	05:30	W
12	19.1	27.1	15:15	9.3	04:00	42.6		.05	8.2	34	13:45	WNW
13	29.6	36.4	15:15	23.8	07:15	35.4			9.9	37	01:45	WNW
14	21.8	39.9	11:00	-3.3	06:00	43.2			7.8	32	11:30	NW
15	7.6	31.9	03:30	-10.3	19:00	57.4			5.6	28	23:00	NE
16	21.1	40.1	16:00	-2.6	00:15	43.9			8.2	33	01:00	S
17	40.3	51.5	12:15	30.5	00:15	24.7			8.6	30	14:45	SSW
18	34.6	49.4	15:15	18.2	22:00	30.4			6.0	30	13:15	N
19	20.7	27.6	15:00	14.4	07:30	44.3			9.4	29	06:15	SSE
20	36.5	51.9	13:00	22.3	00:30	28.5			8.2	29	15:00	SSW
21	40.4	47.5	13:30	36.0	20:15	24.6			8.6	26	00:30	SW
22	39.1	45.9	12:45	33.5	23:45	25.9			2.3	16	13:45	W
23	35.8	43.4	14:45	30.1	00:00	29.2			3.7	18	15:45	NNW
24	35.3	43.9	12:15	29.6	00:45	29.7			3.4	19	03:00	S
25	34.3	41.9	11:45	29.3	00:00	30.7			3.4	19	14:45	WSW
26	27.3	29.3	00:15	25.4	23:00	37.7		0.6	4.2	19	8:15	NNE
27	31.2	38.7	16:15	25.1	05:15	33.8			3.7	19	20:30	NNW
28	43.9	54.4	12:45	31.3	00:15	21.1			5.1	21	13:15	E
29	41.7	47.7	12:00	35.7	22:45	23.3			4.1	20	13:45	S
30	43.7	53.5	13:30	36.4	00:15	21.3			7.0	25	22:15	S
31	44.1	53.5	16:00	38.0	05:15	20.9			7.8	20	01:45	SSW
--	30.3 <sup>1</sup>	54.4 <sup>3</sup>	28 <sup>th</sup>	-10.3 <sup>3</sup>	15 <sup>th</sup>	1068.0 <sup>2</sup>	0.0 <sup>2</sup>	2.35 <sup>2</sup>	6.9 <sup>1</sup>	43 <sup>3</sup>	8 <sup>th</sup>	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)

- 4<sup>th</sup>: 5 ½" of soft snow
- 6<sup>th</sup>: Another 1 ½" of wetter snow
- 8<sup>th</sup>: Another 10" of BLIZZARD snow
- 12<sup>th</sup>: Another ½" of snow
- 26<sup>th</sup>: Another 6" of fairly light snow

- 31<sup>st</sup>: We had 23 ½" of snow for the month – the highest I've recorded since I started measuring snow amounts in 2015. The mean temperature for the month was about 2 ½ degrees below normal.

## 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	44.3	53.2	14:15	38.3	07:00	20.7			4.9	23	12:45	SSW
2	37.4	44.6	15:15	30.2	00:00	27.6		0.01	9.6	38	16:00	SW
3	29.0	30.9	01:45	27.2	00:00	36.0		0.55	5.6	22	18:15	NNE
4	28.0	33.1	14:15	21.3	07:00	37.0			4.7	22	11:45	NNW
5	37.1	48.7	13:45	26.9	07:15	27.9			10.9	37	20:00	S
6	45.4	55.2	13:15	36.7	00:15	19.6			13.9	47	22:00	SW
7	36.3	43.1	13:30	27.5	00:00	28.7			17.7	44	03:15	W
8	32.4	40.3	13:30	27.5	00:15	32.6			14.5	47	09:15	WNW
9	28.6	36.6	12:15	22.0	06:30	36.4			7.5	30	06:45	W
10	24.0	27.4	10:15	18.7	00:00	41.0		0.55	4.7	28	01:15	S
11	19.9	25.8	15:30	16.4	06:45	45.1			4.5	21	04:00	NE
12	29.5	42.1	13:30	18.3	02:00	35.5			5.0	24	15:45	N
13	37.8	46.1	12:30	31.2	23:45	27.2			8.4	36	21:15	S
14	38.7	46.7	15:15	30.8	01:15	26.3			9.2	35	11:15	WSW
15	41.4	53.0	14:00	32.0	02:00	23.6			11.5	40	15:00	WNW
16	30.6	39.5	14:45	24.0	00:00	34.4			7.3	35	19:00	SSW
17	20.5	32.5	16:00	12.8	04:30	44.5		0.05	3.4	15	01:30	SE
18	35.5	49.6	12:45	23.5	00:45	29.5			6.0	24	17:00	WNW
19	44.0	54.1	13:30	34.9	06:00	21.0			7.7	25	14:45	WSW
20	48.8	58.9	12:15	42.7	06:15	16.2			9.3	31	13:15	W
21	45.2	53.3	15:00	39.0	00:00	19.8			14.0	44	10:15	WSW
22	35.7	47.3	15:45	28.0	22:15	29.3			4.3	21	01:45	NNW
23	37.2	46.8	14:15	27.8	07:00	27.8			4.8	23	22:15	ENE
24	45.8	60.2	14:30	33.1	04:30	19.2			6.2	23	14:00	SSW
25	49.2	57.5	14:30	41.3	02:00	15.8			9.7	36	16:15	NW
26	47.7	54.6	12:30	40.8	00:00	17.3			14.8	44	15:30	WNW
27	36.2	47.5	13:15	16.9	23:15	28.8			14.8	43	08:15	W
28	26.2	43.2	15:15	13.6	06:45	38.8			11.9	39	20:30	S
29	39.6	54.4	14:30	23.5	03:15	25.4			9.5	40	02:00	NW
--	36.3 <sup>1</sup>	60.2 <sup>3</sup>	24 <sup>th</sup>	12.8 <sup>3</sup>	17 <sup>th</sup>	833.0 <sup>2</sup>	0.0 <sup>2</sup>	1.16 <sup>2</sup>	8.8 <sup>1</sup>	47 <sup>3</sup>	6 <sup>th</sup>	WNW

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)

- 2<sup>nd</sup>: We got a little bit of rain (.01"); very rare for this time of year!
- 3<sup>rd</sup>: 5 ½" of light snow; other parts of the Ranch got much more.
- 10<sup>th</sup>: Another 5 ½" of light snow. It melted fairly quickly.
- 17<sup>th</sup>: Got about ½" of snow but melted quickly.
- 29<sup>th</sup>: The month ended 2.7° above normal and the snowfall was about 1 ½" below normal.

## 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	58.0	14:00	38.1	06:45	18.4			10.3	28	12:15	WSW
2	48.2	57.6	14:45	40.0	03:30	16.8			18.3	56	20:30	W
3	45.7	55.5	15:30	38.6	06:00	19.3			21.8	63	02:00	WNW
4	39.5	54.0	15:30	19.4	07:00	25.5			7.4	27	20:30	WSW
5	38.2	48.0	12:30	32.1	23:00	26.8			8.3	39	20:00	SSW
6	41.7	53.5	13:45	29.3	03:00	23.3			11.1	38	00:45	WSW
7	35.8	45.6	11:15	25.6	00:00	29.2			3.9	28	17:15	ENE
8	22.2	25.7	00:15	20.9	23:00	42.8		0.075	5.5	23	15:00	NE
9	31.0	44.3	14:45	18.5	05:45	34.1			3.7	19	21:45	NE
10	43.2	54.1	15:45	32.0	00:30	20.9			8.1	28	21:00	SW
11	47.0	57.1	17:00	38.0	06:00	18.0			7.6	29	20:45	WSW
12	47.9	59.4	15:45	38.5	06:30	17.1			8.7	27	20:30	W
13	39.1	46.6	10:45	31.7	00:00	25.9		0.01	4.6	26	02:15	E
14	28.7	32.3	10:15	26.0	20:15	36.3		0.81	3.9	25	11:30	NE
15	27.5	30.9	16:30	25.3	04:15	37.5		0.35	3.8	16	20:30	N
16	29.3	32.0	13:30	27.1	01:30	35.7			4.9	22	11:45	NE
17	29.7	33.5	18:15	28.2	07:45	35.3		0.2	3.1	15	05:30	NE
18	36.0	45.7	16:30	28.0	07:15	29.0			5.2	25	23:00	S
19	41.8	50.2	15:00	32.4	05:15	23.2			5.4	23	00:15	ENE
20	45.2	52.1	13:30	39.6	06:00	19.8			3.9	22	13:30	ESE
21	47.4	55.2	16:15	38.9	04:00	17.6			3.7	18	10:15	S
22	42.8	53.8	16:45	30.1	08:00	22.2		0.02	9.0	44	00:00	NW
23	42.2	56.2	15:15	31.7	05:00	22.8			19.6	49	01:45	S
24	37.7	47.5	12:45	25.1	00:00	27.3			9.5	33	109:45	SW
25	17.4	25.1	00:15	13.9	07:30	47.6		0.80	6.4	28	01:15	NE
26	26.5	33.8	16:00	18.5	00:15	38.5		0.075	7.4	24	12:15	SSW
27	32.9	42.3	17:15	24.4	04:15	32.1			5.2	20	12:00	SW
28	45.1	57.5	14:30	32.1	03:00	19.9			10.7	35	17:45	SSW
29	49.0	57.0	17:00	43.1	05:30	16.0			12.8	44	12:30	WNW
30	50.7	62.3	15:15	33.0	03:45	14.3			11.5	40.0	12:15	SW
31	51.0	60.8	16:15	40.9	00:00	14.0			16.6	51	16:30	WSW
--	38.9	62.3 <sup>3</sup>	30 <sup>th</sup>	13.9 <sup>3</sup>	25 <sup>th</sup>	807.2 <sup>2</sup>	0.0 <sup>2</sup>	2.34 <sup>2</sup>	8.4 <sup>1</sup>	63 <sup>3</sup>	3 <sup>rd</sup>	WSW

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)

- 8<sup>th</sup>: We got ¾" of snow
- 13<sup>th</sup>: We got .01" of rain
- 14<sup>th</sup>: We got another .01" of rain and 8" of snow
- 15<sup>th</sup>: More Snow – 3 ½"
- 17<sup>th</sup>: MORE Snow – 2"
- 25<sup>th</sup>: New snow – 8"; ice, then wet snow, then light snow
- 26<sup>th</sup>: Additional snow -- ¾"

- 31<sup>st</sup>: March was cooler than average by 1.7 degrees and we had DOUBLE the average amount of snow: 23".

## 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	35.7	44.9	09:45	28.9	21:30	29.3			6.3	26	21:15	ENE
2	34.4	45.4	17:30	26.3	07:15	30.6		0.60	6.9	27	13:45	NE
3	46.8	57.4	15:30	35.4	07:15	18.2			5.3	23	16:00	ENE
4	54.2	66.2	16:30	44.4	04:00	10.8			9.6	33	16:15	WSW
5	52.3	61.9	17:30	42.4	07:00	12.7			17.4	50	13:45	SW
6	35.2	50.6	00:15	28.9	23:00	29.8			19.4	57	11:30	WNW
7	39.6	53.7	16:30	27.7	05:30	25.4			8.4	39	00:15	NW
8	37.7	46.5	15:00	27.9	04:15	27.3			6.5	29	13:15	N
9	39.4	50.5	16:00	31.1	05:30	25.6			5.5	26	20:15	N
10	41.7	51.0	15:15	34.4	00:00	23.3			5.1	25	12:15	ENE
11	43.5	61.5	16:30	30.5	05:30	21.5			7.7	29	15:15	NNW
12	56.5	69.2	15:30	41.3	00:15	8.9	0.4		8.9	34	23:30	SW
13	57.2	68.9	17:00	47.0	02:45	8.2	0.4		8.3	35	00:15	WNW
14	59.5	69.3	16:15	52.3	05:45	6.0	0.5		8.9	32	16:30	WSW
15	51.2	60.9	14:15	36.7	00:00	13.8			16.9	53	13:30	WNW
16	50.7	65.6	15:00	36.0	02:15	14.3			7.5	33	01:45	NW
17	56.0	70.3	15:30	44.5	05:00	9.5	0.5		8.4	37	18:30	WNW
18	37.0	54.8	00:30	30.4	08:45	28.0			5.6	28	01:30	NW
19	39.9	56.6	16:15	31.6	05:30	25.1			11.1	44	07:15	SSW
20	36.4	47.4	13:45	30.3	03:00	28.6		0.05	7.5	31	17:45	SSW
21	37.1	48.6	17:45	30.2	04:30	27.9		0.01	8.6	41	23:00	SW
22	56.1	70.9	16:30	34.6	02:00	9.6	0.7		9.6	37	00:30	WNW
23	54.8	60.1	14:45	47.3	22:45	10.2			8.2	42	23:30	S
24	53.6	66.5	16:00	42.5	06:00	11.4			17.3	45	04:30	SSW
25	55.5	66.2	16:00	43.5	00:00	9.5			12.1	44	16:30	WSW
26	50.9	62.2	16:00	40.8	06:15	14.1			6.9	29	15:15	W
27	40.2	51.2	12:45	32.3	00:00	24.8		.05	5.1	28	06:30	N
28	38.8	50.8	13:00	30.3	02:45	26.2		.27	5.3	31	17:30	N
29	51.7	64.4	16:45	40.3	00:30	13.3			6.7	27	14:30	SSW
30	59.9	71.9	16:45	49.8	03:45	6.2	1.1		8.2	26	04:30	W
--	46.8 <sup>1</sup>	71.9 <sup>3</sup>	30 <sup>th</sup>	26.3 <sup>3</sup>	2 <sup>nd</sup>	500.1 <sup>2</sup>	3.6 <sup>2</sup>	.98 <sup>2</sup>	9.0 <sup>1</sup>	57 <sup>3</sup>	6 <sup>th</sup>	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)

- 2<sup>nd</sup>: 6" of wet snow overnight
- 20<sup>th</sup>: Got a little rain (06")
- 27<sup>th</sup>: Received about ½" of icy snow
- 28<sup>th</sup>: We got a decent rain – a little over ¼"
- 30<sup>th</sup>: We reached the 70's for the first time this year
- 30<sup>th</sup>: Temperatures were right on the average.



## 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	56.7	70.3	14:15	37.7	06:30	9.2	0.8		9.0	36	10:45	WSW
2	49.3	66.2	17:30	36.4	05:15	15.7			8.4	32	14:15	NNW
3	52.8	69.8	15:45	35.6	00:00	12.5	0.2		14.8	41	22:00	S
4	43.5	56.8	16:45	28.7	06:15	21.5			8.0	38	00:00	NNW
5	53.4	68.2	16:30	40.8	02:15	11.7	0.1		17.3	46	17:15	SSW
6	47.9	57.6	00:15	41.6	00:00	17.1			19.6	50	11:00	WNW
7	51.8	64.5	16:00	38.9	01:30	13.2			17.4	56	11:15	WNW
8	47.1	58.6	14:45	33.5	05:15	17.9			7.7	45	10:15	W
9	39.2	47.3	15:15	31.6	00:00	25.8		0.24	3.3	18	14:45	NNW
10	37.7	49.4	17:00	30.7	04:30	27.3		0.72	2.7	25	16:45	NNW
11	41.8	45.1	17:45	39.6	01:15	23.2		0.23	8.2	29	12:30	SSW
12	44.7	53.1	17:00	38.1	05:00	20.3		0.05	8.6	28	03:15	N
13	52.8	62.2	14:15	43.0	03:15	12.2		0.02	5.5	23	12:15	ENE
14	57.8	67.4	11:00	51.1	04:00	7.3	0.1		6.9	31	15:30	SSW
15	49.8	59.0	12:15	42.2	00:00	15.2		0.08	4.4	28	20:30	ENE
16	47.4	54.9	13:15	41.8	01:15	17.6			5.1	24	2:00	SW
17	60.3	73.1	17:45	45.6	01:00	6.2	1.5		4.6	20	14:45	NW
18	65.0	71.6	11:15	52.2	00:00	2.1	2.1		5.7	32	16:30	SSW
19	62.8	73.4	16:45	49.4	02:30	4.2	2.0		9.3	36	11:30	WNW
20	61.4	74.3	16:30	47.6	00:00	5.8	2.2		11.1	45	22:45	WNW
21	54.4	66.7	16:30	40.7	00:00	10.6			9.3	40	16:00	NW
22	51.4	66.4	16:45	35.7	06:00	13.6			9.9	37	15:30	SW
23	62.3	72.8	15:15	52.1	06:00	4.3	1.6		12.6	35	12:15	WSW
24	54.4	64.4	13:45	39.7	03:15	10.6			11.2	39	14:45	S
25	60.1	68.8	14:30	50.6	06:00	5.5	0.6		15.7	45	12:45	WNW
26	59.2	69.5	16:45	47.6	06:15	6.5	0.7		7.5	34	10:30	NW
27	61.6	73.1	14:45	51.6	04:00	4.7	1.2		5.2	35	18:00	NE
28	61.8	73.0	15:30	51.2	00:00	4.6	1.4		7.4	31	12:45	SSE
29	57.6	71.3	17:00	44.3	05:30	8.0	0.6		13.7	42	18:30	S
30	61.9	77.7	05:30	48.0	22:45	4.7	1.6		5.2	20	07:45	E
31	57.6	73.0	15:30	48.0	22:45	8.0	0.6	.05	2.7	11	02:30	SSE
--	53.7 <sup>1</sup>	77.7 <sup>3</sup>	30 <sup>th</sup>	28.7 <sup>3</sup>	4 <sup>th</sup>	367.1	17.3 <sup>2</sup>	1.39 <sup>2</sup>	9.0 <sup>1</sup>	56 <sup>3</sup>	7 <sup>th</sup>	WNW

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)

- 9<sup>th</sup>: We got .24" of rain – good for the trees (and the weeds!)
- 10<sup>th</sup>: We got 4" of snow and an additional .26" of rain
- 13<sup>th</sup>: Just a little rain: 2/100<sup>th</sup> of an inch
- 15<sup>th</sup>: A little more rain: 8/100<sup>th</sup> of an inch
- 31<sup>st</sup>: Westher station died; data supplied from another station
- 31<sup>st</sup>: May was a little over 2° below normal and precipitation was about 30% above normal.

## 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	61.0	74.3	16:15	48.0	04:15	6.0	2.0		3.4	11	15:45	SSW
2	68.6	85.5	15:30	54.7	05:30	2.0	5.6		4.2	15	05:30	SSW
3	66.4	82.0	16:00	48.9	06:00	7.3	8.7		2.0	9	14:00	SSE
4	68.8	82.0	17:30	56.8	06:30	2.9	6.7		2.0	9	15:00	S
5	72.4	92.5	16:00	56.8	01:45	5.3	12.7		2.0	11	19:30	SSE
6	70.8	86.5	17:15	59.4	05:15	5.0	10.8		3.1	11	13:00	S
7	66.1	83.5	11:45	58.1	06:00	2.9	4.0	0.03	2.7	12	17:15	S
8	70.7	84.0	11:45	53.2	23:30	2.9	8.6	0.14	3.0	17	12:30	SSE
9	61.7	77.0	15:30	50.2	21:15	5.4	2.1	0.15	2.0	11	15:30	SSE
10	58.3	70.5	16:45	49.9	03:30	5.5	0.3	0.78	1.8	11	17:30	SSE
11	65.4	75.5	12:45	54.6	00:15	1.5	1.7		2.9	28	14:30	NNW
12	72.2	84.0	17:30	57.0	06:00	1.4	8.3		5.9	25	03:15	SSE
13	80.0	87.8	13:30	67.6	00:00		13.4		3.8	25	15:15	SSE
14	63.1	72.6	13:15	53.3	15:00	3.0	1.0	0.01	9.5	45	14:30	SSE
15	65.4	80.2	17:00	51.6	03:00	3.8	4.1		7.8	34	00:30	SSE
16	75.4	85.0	16:30	64.8	02:30		10.4		13.5	37	15:30	SSE
17	73.6	84.1	17:30	61.2	05:45	0.5	9.1		15.2	38	00:45	SSE
18	70.4	81.1	17:00	53.5	00:00	0.9	6.2		9.1	32	13:15	SW
19	53.2	60.9	12:45	48.5	07:00	7.5		0.01	5.7	34	16:45	NNW
20	63.4	73.3	16:15	55.6	05:45	2.8	1.6	0.05	14.2	46	10:30	SSE
21	63.0	72.7	15:00	55.4	23:30	3.2	1.3	0.09	14.2	40	18:45	SSE
22	68.1	80.5	14:15	57.3	00:15	1.7	4.8	0.01	4.8	24	20:00	SW
23	71.2	83.5	12:30	61.7	06:00	0.5	6.7		6.6	25	16:30	SSE
24	73.7	84.2	11:45	60.8	04:14	0.4	9.1		6.2	24	02:45	SSE
25	76.6	87.0	16:00	64.8	01:00		11.6		3.5	26	16:15	N
26	71.1	84.8	12:45	60.7	15:00	0.2	6.3		7.3	34	14:00	SSE
27	66.5	79.1	12:45	59.0	06:30	1.7	3.3		10.0	27	00:30	SSE
28	73.9	85.9	15:00	60.3	03:15	0.6	9.4		5.3	25	03:30	SSE
29	65.0	76.4	15:15	56.9	09:00	2.2	2.2		6.6	27	07:45	NNW
30	66.9	76.7	16:30	56.2	06:30	2.4	4.3	.37	13.1	36	13:15	SSE
--	68.0 <sup>1</sup>	92.5 <sup>3</sup>	5 <sup>th</sup>	48.0 <sup>3</sup>	1 <sup>st</sup>	79.5 <sup>2</sup>	176.3 <sup>2</sup>	1.64 <sup>2</sup>	6.4 <sup>1</sup>	46 <sup>3</sup>	20 <sup>th</sup>	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)

- 1<sup>st</sup> through 30<sup>th</sup>: Weather data from 2 other stations until ours is fixed
- 10<sup>th</sup>: Decent amount of rain – .78”
- 12<sup>th</sup>: We reached the 80’s & 90’s for the first time this year
- 14<sup>th</sup>: A tiny bit of rain: 0.01”
- 19<sup>th</sup>: Barely enough rain to register at the weather station
- 20<sup>th</sup>: Another 0.05” of rain
- 21<sup>st</sup>: More rain: 0.09”
- 22<sup>nd</sup>: Tiny bit of rain: 0.01”
- 30<sup>th</sup>: A nice rain to end the month.
- 30<sup>th</sup>: Average temp was about 2” above average; precipitation was slightly above average.

## 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	70.2	78.5	17:30	61.6	07:00	0.5	5.6		12.0	34	17:45	SSE
2	70.4	81.8	15:00	61.8	07:15	0.2	5.6		7.0	29	22:3-	SSE
3	70.0	81.6	17:15	57.5	06:30	1.6	6.6		6.9	31	16:00	SSE
4	64.0	78.8	16:30	48.9	06:15	4.2	3.3	.02	5.7	28	16:30	NNW
5	61.4	71.2	16:30	51.8	06:30	4.5	0.9	.24	6.9	23	22:45	SSE
6	66.5	79.8	19:30	54.8	05:45	3.3	4.7	.39	9.1	28	04:00	SSE
7	60.4	75.1	15:15	49.2	00:00	5.4	0.8	.36	5.8	30	18:00	N
8	56.6	68.1	14:45	46.5	06:15	8.6	0.2	.02	4.0	22	23:45	SSE
9	62.0	74.9	18:00	53.4	05:00	4.8	1.8	.34	7.4	26	22:00	SSE
10	68.4	79.6	18:00	57.3	01:00	1.5	4.9		3.1	20	18:45	E
11	70.9	80.4	13:30	62.4	04:00	0.2	6.1		7.5	29	16:15	SSE
12	73.2	86.1	13:45	61.9	05:30	0.2	8.4		9.7	29	14:45	SSE
13	73.9	86.3	13:15	62.7	03:00	0.2	9.0		10.1	31	18:30	SSE
14	77.4	89.3	14:30	69.5	04:45		12.4		4.8	26	19:15	SW
15	74.3	86.8	11:30	65.9	00:00		9.3		4.8	29	12:15	SW
16	68.3	82.5	12:15	58.1	17:15	1.3	4.6	.03	3.9	35	16:30	NNW
17	63.6	75.0	11:00	57.5	23:45	2.8	1.4	.11	4.1	22	17:00	SSW
18	63.3	77.3	13:15	55.4	06:00	4.0	2.3	.11	9.5	31	08:30	SSW
19	66.6	80.9	13:30	54.5	00:45	2.1	3.7	.03	4.7	25	16:45	SSE
20	62.9	76.0	14:15	55.2	16:15	4.2	2.0	.15	4.4	25	15:45	ENE
21	54.7	65.3	10:45	47.4	22:45	10.3		.97	4.2	26	20:00	NW
22	59.2	68.4	16:15	47.8	00:30	0.4	0.6		3.5	18	14:15	ENE
23	66.2	74.8	14:45	57.6	01:45	2.1	3.3		3.3	17	15:45	E
24	69.7	79.9	15:00	58.6	06:00	1.4	6.0		6.3	27	22:45	SSE
25	71.8	83.2	15:45	61.4	05:15	0.7	7.5		7.1	26	01:30	SSE
26	67.3	81.2	13:00	61.0	23:45	1.0	3.4		7.3	31	13:45	SSE
27	69.5	80.2	12:45	59.0	03:00	0.9	5.3		5.6	20	18:00	SSW
28	74.7	86.7	16:00	62.6	03:00	0.2	9.9		7.4	27	14:00	NW
29	75.1	81.7	14:00	69.2	02:30		10.1		4.9	28	15:30	WNW
30	75.0	83.4	12:45	68.2	06:15		10.0		8.6	33	13:45	SSW
31	77.6	85.8	15:00	71.1	03:30		9.8		5.7	19	00:30	ENE
--	67.9 <sup>1</sup>	89.3 <sup>3</sup>	14 <sup>th</sup>	47.4 <sup>3</sup>	21 <sup>st</sup>	72.6 <sup>2</sup>	159.5 <sup>2</sup>	2.77 <sup>2</sup>	6.3 <sup>1</sup>	35 <sup>3</sup>	16 <sup>th</sup>	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)

- 4<sup>th</sup> – 9<sup>th</sup>: Six straight days of rain: 1.37"
- 16<sup>th</sup> – 21<sup>st</sup>: Another 6-day streak of rain: 1.40"
- 31<sup>st</sup>: Despite the hot last half of the month, the month was still almost 2 degrees below normal. AND, it was slightly cooler than June (by a tenth of a degree ☺)

## 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	68.9	78.3	16:00	61.7	06:30	0.5	4.5		6.5	35	16:00	NNW
2	69.0	81.8	16:45	59.2	03:15	0.8	4.8		8.3	38	01:30	SSW
3	70.3	83.4	16:45	56.3	07:45	1.5	6.8		5.7	24	17:15	ENE
4	72.6	86.9	13:45	57.7	02:00	1.2	8.8		7.8	33	23:45	SSW
5	70.6	83.9	13:45	61.4	06:15	0.6	6.2		8.7	31	02:45	SSE
6	71.3	82.9	16:30	62.5	04:45	0.4	6.7	.25	3.5	25	13:00	NE
7	72.2	85.3	14:30	60.8	18:45	0.2	7.4	.03	4.7	23	18:15	SSW
8	59.6	62.5	13:15	54.5	00:00	5.4			3.5	17	08:15	NE
9	57.6	68.4	13:00	53.4	03:30	7.6	0.2	.30	7.3	27	00:30	SSW
10	61.7	76.2	15:45	51.8	02:00	5.5	2.1	.02	5.8	34	07:45	SSW
11	65.8	79.5	11:30	52.9	06:00	2.5	3.3	.17	6.6	23	12:45	SW
12	65.6	77.5	13:15	56.4	16:00	1.8	2.4	.11	5.7	38	15:45	ENE
13	65.3	78.7	12:15	58.3	19:30	2.2	2.5	.02	11.4	43	18:00	SW
14	69.7	82.0	16:45	56.0	05:45	1.6	6.3		4.6	23	12:15	NW
15	66.3	79.7	14:15	53.2	06:15	3.3	4.5		7.4	35	20:30	S
16	71.4	87.0	15:00	58.8	06:00	1.3	7.6	.02	12.0	38	03:00	S
17	74.7	88.0	15:15	61.3	06:30	0.5	10.2		9.6	36	01:15	S
18	73.6	84.8	14:15	63.6	00:00	0.1	8.6		11.1	36	16:00	S
19	71.6	84.7	16:00	58.6	23:45	1.1	7.7		6.7	32	19:45	NNW
20	65.7	81.9	11:45	53.1	20:15	3.0	3.8	.20	7.2	38	19:45	SSW
21	70.4	84.2	13:45	60.2	02:30	0.4	5.8	.01	6.0	35	00:15	NW
22	69.9	82.9	13:30	60.4	01:45	0.9	5.8	.01	5.6	40	19:30	NNW
23	71.6	84.5	14:45	62.4	07:30	0.1	6.7		9.4	34	13:45	SW
24	70.0	83.7	13:30	61.1	22:45	0.5	5.5	.01	12.54	45	18:30	WSW
25	65.1	78.5	12:15	56.2	15:00	2.3	2.4	.09	10.2	43	14:30	WSW
26	60.7	75.2	13:30	54.3	04:00	5.5	1.2	.24	10.6	36	20:45	SSW
27	63.7	75.9	15:45	54.7	02:00	3.5	2.2		7.2	22	00:15	S
28	65.1	76.5	14:45	58.4	01:45	2.3	2.4		8.8	26	18:45	SSE
29	66.3	74.9	13:15	57.6	00:00	1.9	3.2		6.0	26	01:45	ENE
30	60.0	73.2	13:15	52.6	06:30	5.6	0.6		5.5	27	23:15	NNW
31	64.2	76.9	14:45	53.5	05:00	4.1	3.3		7.6	25	21:45	SSE
--	67.4 <sup>1</sup>	88.0 <sup>3</sup>	17 <sup>th</sup>	51.8 <sup>3</sup>	10 <sup>th</sup>	68.2 <sup>2</sup>	143.5 <sup>2</sup>	1.48 <sup>2</sup>	7.5 <sup>1</sup>	45 <sup>3</sup>	24 <sup>th</sup>	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)

- 6<sup>th</sup>: First rain of the month: .25"
- 24<sup>th</sup>: Last rain of the month: .24"
- 31<sup>st</sup>: Temps started going down towards the end of the month but finished the month just barely cooler than July.
- 31<sup>st</sup>: It rained 14 out of 31 days but we got just over half the normal rainfall. ☹️

## 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	63.7	73.7	14:30	56.1	05:00	3.6	2.3		5.9	23	23:00	E
2	60.8	71.6	16:15	51.8	06:45	5.6	1.4		10.2	35	22:45	SSW
3	63.5	77.6	16:00	50.6	05:45	4.9	3.4		11.6	31	00:15	SSE
4	65.5	80.3	14:15	54.3	06:45	4.0	4.5		6.6	28	01:00	SSE
5	51.3	57.4	00:15	47.5	22:30	13.7		.27	5.1	22	05:45	NE
6	58.4	73.2	17:00	47.2	06:00	7.8	1.2		4.6	25	22:45	N
7	61.9	74.2	16:15	52.8	07:00	5.1	2.0	.02	11.1	32	03:00	S
8	64.5	76.9	14:00	52.8	01:00	3.6	3.1		4.4	34	16:15	NNW
9	66.4	78.0	14:30	55.3	04:30	2.3	3.7		5.7	26	16:45	SSW
10	66.5	76.6	11:45	60.0	06:30	1.2	2.7		4.7	24	14:15	SW
11	65.0	77.5	15:15	57.9	02:15	2.2	2.2		5.2	31	16:00	SSW
12	66.7	79.3	15:00	53.0	06:45	3.2	4.9		14.6	40	12:45	SSW
13	69.9	80.2	16:00	59.8	05:15	0.7	5.5		7.9	31	10:00	NW
14	69/0	79.9	14:00	58.5	06:30	1.0	5.1		5.9	36	22:45	ENE
15	65.3	78.6	12:15	56.0	22:30	2.8	3.1		13.7	40	15:00	SSW
16	57.4	65.8	13:15	53.7	05:30	7.6		.03	12.4	33	06:30	SSW
17	56.0	65.2	13:15	49.3	17:45	9.0		.23	17.3	47	14:30	SSW
18	62.4	74.9	16:30	52.1	03:45	4.7	2.1		10.1	30	14:45	SW
19	65.0	73.6	15:45	57.9	04:00	2.3	2.2		9.1	35	17:45	SSW
20	60.6	70.3	15:15	53.2	23:15	5.2	0.8	.03	15.0	46	18:15	SSW
21	50.8	57.7	09:00	42.8	00:00	14.2		.67	8.6	37	00:15	S
22	42.6	46.9	21:45	39.3	10:45	22.4		.06	4.4	22	23:15	NE
23	56.2	69.4	16:30	41.2	04:30	9.2	0.4		5.4	21	00:45	SW
24	60.1	67.8	14:45	54.3	01:30	5.2	0.3		4.0	20	10:15	ENE
25	63.0	77.5	15:45	52.7	03:45	4.8	2.9		6.6	29	23:45	S
26	69.2	82.2	15:30	57.5	04:00	1.9	6.1		6.6	32	01:15	S
27	67.1	77.7	14:30	60.9	04:30	1.0	3.1		4.4	21	13:45	ENE
28	63.8	74.2	13:30	57.4	07:15	2.5	1.3		5.0	26	23:15	SSW
29	64.0	75.2	15:00	56.4	06:45	3.2	2.2		10.3	34	22:45	S
30	66.5	78.7	13:00	48.7	00:00	2.6	4.1		7.2	30	00:30	ENE
--	62.1 <sup>1</sup>	82.2 <sup>3</sup>	26 <sup>th</sup>	39.3 <sup>3</sup>	22 <sup>nd</sup>	157.5 <sup>2</sup>	70.6 <sup>2</sup>	1.31 <sup>2</sup>	8.1 <sup>1</sup>	47 <sup>3</sup>	17 <sup>th</sup>	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)

- 31<sup>st</sup>: September ended up almost exactly average: .1° above normal temperature and .058.1" below normal precipitation
- 31<sup>st</sup>: Look at the September charts. We had 2 \*major\* cold fronts go through: one on the 5<sup>th</sup> and one on the 22<sup>nd</sup>, but neither lasted very long. The winds on the 20<sup>th</sup> indicated a good-sized front was coming.

## 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												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
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20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
--	XX.X <sup>1</sup>	XX.X <sup>3</sup>	X <sup>th</sup>	XX.X <sup>3</sup>	X <sup>th</sup>	XXX.X <sup>2</sup>	XXX.X <sup>2</sup>	XX.XX <sup>2</sup>	XX.X <sup>1</sup>	XX <sup>3</sup>	X <sup>th</sup>	XXX

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												
2												
3												
4												
5												
6												
7												
8												
9												
10												
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23												
24												
25												
26												
27												
28												
29												
30												
--	XX.X <sup>1</sup>	XX.X <sup>3</sup>	X <sup>th</sup>	XX.X <sup>3</sup>	X <sup>th</sup>	XXX.X <sup>2</sup>	XXX.X <sup>2</sup>	XX.XX <sup>2</sup>	XX.X <sup>1</sup>	XX <sup>3</sup>	X <sup>th</sup>	XXX

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												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
--	XX.X <sup>1</sup>	XX.X <sup>3</sup>	X <sup>th</sup>	XX.X <sup>3</sup>	X <sup>th</sup>	XXX.X <sup>2</sup>	XXX.X <sup>2</sup>	XX.XX <sup>2</sup>	XX.X <sup>1</sup>	XX <sup>3</sup>	X <sup>th</sup>	XXX

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)