

NOAA Monthly Summary Report

General station information (Station Name, City, State, Units of Measure, etc.) appears at the top of the report. For each day in the report, you can view the following information (and a total for the month):

- **Day**

Each row in the report shows information for a single day. The date for each row appears at the left of the row.

- **Mean Temperature**

The mean temperature for the day. At the bottom of the column, the mean temperature for the month is displayed.

If "Calculate using integration method" is checked in the Degree-Day section of the [NOAA setup dialog window](#), then the mean temperature is calculated by adding up all the temperature measurements for that day and then dividing by the number of samples. If "Calculate using integration method" is not checked in the NOAA setup, the mean temperature is the average of the daily high and low temperatures.

- **High Temperature & Time**

The high temperature for the day and the time at which it occurred. At the bottom of the column, the highest temperature recorded during the month and the day on which it occurred is displayed.

- **Low Temperature & Time**

The low temperature for the day and the time at which it occurred. At the bottom of the column, the lowest temperature recorded during the month and the day on which it occurred is displayed.

- **Heating Degree-Days**

The number of [heating degree-days](#) accumulated on each day. At the bottom of the column, the total heating degree-days accumulated during the month is displayed. Heating degree-days can be calculated using either the high/low summary or the integration methods. See [NOAA Setup](#) for more info.

- **Cooling Degree-Days**

The number of [cooling degree-days](#) accumulated on each day. At the bottom of the column, the total cooling degree-days accumulated during the month is displayed. Cooling degree-days can be calculated using either the high/low summary or the integration methods. See [NOAA Setup](#) for more info.

- **Rain**

The rainfall accumulated on each day. At the bottom of the column, the total rainfall accumulated during the month is displayed.

- **Average Wind Speed**

The average wind speed for each day. At the bottom of the column, the accumulated average wind speed during the month is displayed.

- **High Wind Speed & Time**

The high wind speed for each day and the time at which it occurred. At the bottom of the column, the highest wind speed for the month and the day on which it occurred is displayed.

- **Dominant Wind Direction**

The dominant wind direction for the day. At the bottom of the column, the dominant wind direction for the month is displayed.

At the bottom of the report, the following monthly information is summarized.

- **Max $\geq 90^{\circ}\text{F}$ (32°C)**

The number of days on which the daily high temperature was 90°F (32°C) or above.

- **Max $\leq 32^{\circ}\text{F}$ (0°C)**

The number of days on which the daily high temperature was 32°F (0°C) or below.

- **Min $\leq 32^{\circ}\text{F}$ (0°C)**

The number of days on which the daily low temperature was 32°F (0°C) or below.

- **Min $\leq 0^{\circ}\text{F}$ (-18°C)**

The number of days on which the daily low temperature was 0°F (-18°C) or below.

Note: Thresholds are always in whole degrees. It's therefore possible for the number of days in these last four items to be different, depending on whether you're using US or metric units. For example, if there were a daily high registered between 9.6 and 89.9°F the maximum would not count as $\geq 90^{\circ}\text{F}$; however, if you were using metric units, the maximum would count as $\geq 32^{\circ}\text{C}$ (the equivalent of 90°F).

- **Max Rain**

The maximum daily rainfall during the month.

- **Days of Rain**

The number of days on which rainfall exceeded 0.01 " (0.2 mm), 0.1 " (2 mm), or 1 " (20 mm) is displayed.

MONTHLY CLIMATOLOGICAL SUMMARY for JUN. 2011

NAME: data CITY: Edmonds STATE: WA
 ELEV: 0 ft LAT: 47° 48' 41" N LONG: 122° 22' 57" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (kt)

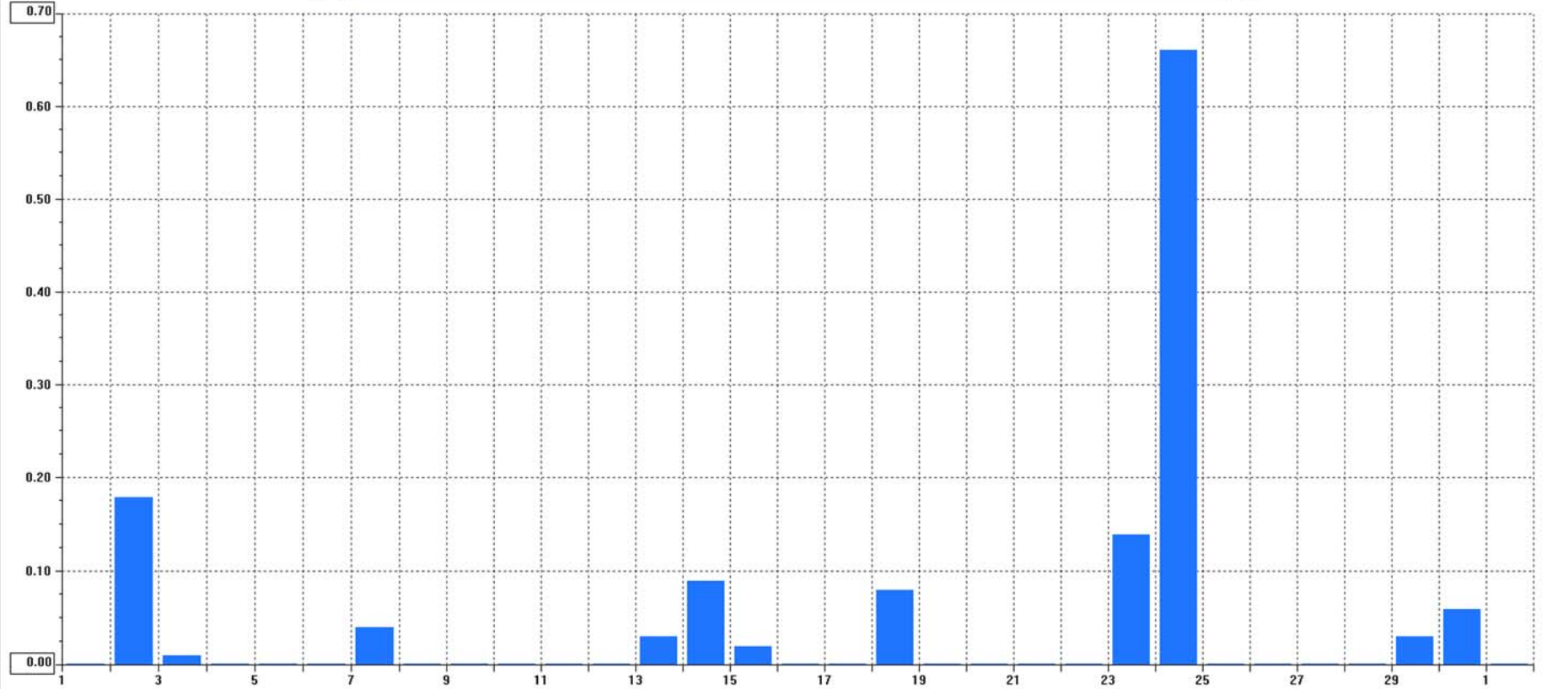
| DAY | MEAN | | TIME | LOW | TIME | HEAT | COOL | RAIN | AVG | | TIME | DOM |
|-----|------|------|--------|------|--------|-------|------|------|------|-------|--------|-----|
| | TEMP | HIGH | | | | DEG | DEG | | WIND | SPEED | | DIR |
| 1 | 53.3 | 56.3 | 5:12p | 51.1 | 8:02a | 11.7 | 0.0 | 0.00 | 4.3 | 15.7 | 8:56a | S |
| 2 | 53.9 | 60.5 | 3:56p | 50.4 | 7:35a | 11.1 | 0.0 | 0.18 | 4.7 | 22.6 | 5:04p | S |
| 3 | 54.5 | 59.0 | 10:02p | 48.2 | 5:40a | 10.5 | 0.0 | 0.01 | 6.4 | 21.7 | 5:04p | NW |
| 4 | 57.7 | 62.6 | 9:51p | 53.2 | 5:32a | 7.3 | 0.0 | 0.00 | 7.4 | 19.1 | 5:34p | NNW |
| 5 | 60.8 | 68.4 | 6:02p | 54.5 | 5:20a | 4.6 | 0.4 | 0.00 | 3.6 | 12.2 | 11:40p | NNE |
| 6 | 59.9 | 70.4 | 7:02p | 54.5 | 6:18a | 5.7 | 0.5 | 0.00 | 6.5 | 24.3 | 9:46p | SSW |
| 7 | 54.4 | 58.0 | 1:38a | 51.1 | 4:36p | 10.6 | 0.0 | 0.04 | 6.7 | 25.2 | 6:26a | S |
| 8 | 55.4 | 61.8 | 6:40p | 51.9 | 6:13a | 9.6 | 0.0 | 0.00 | 4.6 | 13.0 | 7:14p | SSW |
| 9 | 56.0 | 62.6 | 2:19p | 51.7 | 8:11a | 9.0 | 0.0 | 0.00 | 6.3 | 19.1 | 8:07p | S |
| 10 | 53.9 | 55.6 | 12:01a | 52.0 | 11:43a | 11.1 | 0.0 | 0.00 | 5.8 | 16.5 | 5:19p | NNE |
| 11 | 55.2 | 62.0 | 6:08p | 52.2 | 6:31a | 9.8 | 0.0 | 0.00 | 3.9 | 13.0 | 8:21p | N |
| 12 | 57.0 | 66.1 | 5:31p | 49.1 | 4:42a | 8.0 | 0.1 | 0.00 | 4.0 | 15.7 | 6:34p | SSW |
| 13 | 56.9 | 65.0 | 1:37p | 53.6 | 2:32a | 8.1 | 0.0 | 0.03 | 7.7 | 26.1 | 10:01a | S |
| 14 | 52.7 | 56.0 | 11:26a | 50.1 | 11:25p | 12.3 | 0.0 | 0.09 | 6.5 | 20.0 | 4:06p | NNE |
| 15 | 53.5 | 59.6 | 6:12p | 48.3 | 6:12a | 11.5 | 0.0 | 0.02 | 4.7 | 21.7 | 1:52a | NNW |
| 16 | 53.9 | 62.3 | 3:11p | 48.6 | 5:25a | 11.1 | 0.0 | 0.00 | 6.0 | 16.5 | 5:05p | SSW |
| 17 | 54.9 | 63.4 | 3:26p | 47.9 | 5:27a | 10.1 | 0.0 | 0.00 | 3.9 | 15.7 | 7:03p | ENE |
| 18 | 54.7 | 57.2 | 3:10a | 52.8 | 12:37p | 10.3 | 0.0 | 0.08 | 3.8 | 15.7 | 10:38a | NNE |
| 19 | 55.7 | 61.5 | 4:42p | 52.3 | 7:42a | 9.3 | 0.0 | 0.00 | 3.5 | 16.5 | 1:30p | S |
| 20 | 58.1 | 66.6 | 6:58p | 53.6 | 4:23a | 6.9 | 0.1 | 0.00 | 2.4 | 8.7 | 1:17p | NW |
| 21 | 58.6 | 67.4 | 4:10p | 53.8 | 4:34a | 6.5 | 0.1 | 0.00 | 2.8 | 11.3 | 7:42p | N |
| 22 | 55.5 | 58.4 | 12:01a | 53.8 | 10:32p | 9.5 | 0.0 | 0.00 | 7.0 | 18.3 | 1:17a | NNE |
| 23 | 55.5 | 60.1 | 5:09p | 51.7 | 7:04a | 9.4 | 0.0 | 0.14 | 4.6 | 16.5 | 9:19p | NNE |
| 24 | 55.0 | 58.6 | 4:51p | 52.0 | 5:35a | 10.0 | 0.0 | 0.66 | 4.1 | 13.0 | 7:26p | NNW |
| 25 | 55.6 | 59.3 | 7:10p | 52.9 | 4:57a | 9.4 | 0.0 | 0.00 | 4.2 | 16.5 | 9:21p | NNE |
| 26 | 57.0 | 64.0 | 6:26p | 51.6 | 5:11a | 7.9 | 0.0 | 0.00 | 3.9 | 13.0 | 2:15a | NNE |
| 27 | 60.9 | 70.8 | 3:03p | 56.6 | 4:29a | 4.7 | 0.6 | 0.00 | 2.2 | 13.0 | 8:26p | N |
| 28 | 59.8 | 63.7 | 7:39p | 57.0 | 4:00a | 5.2 | 0.0 | 0.00 | 2.0 | 13.9 | 10:37p | N |
| 29 | 58.2 | 62.7 | 12:37p | 52.2 | 11:57p | 6.8 | 0.0 | 0.03 | 8.1 | 26.1 | 8:13a | S |
| 30 | 54.7 | 59.5 | 3:08p | 51.3 | 7:18a | 10.3 | 0.0 | 0.06 | 5.6 | 20.0 | 5:20p | NNE |
| | 56.1 | 70.8 | 27 | 47.9 | 17 | 268.3 | 1.8 | 1.34 | 4.9 | 26.1 | 13 | NNE |

Max >= 90.0: 0
 Max <= 32.0: 0
 Min <= 32.0: 0
 Min <= 0.0: 0

Max Rain: 0.66 ON 06/24/11

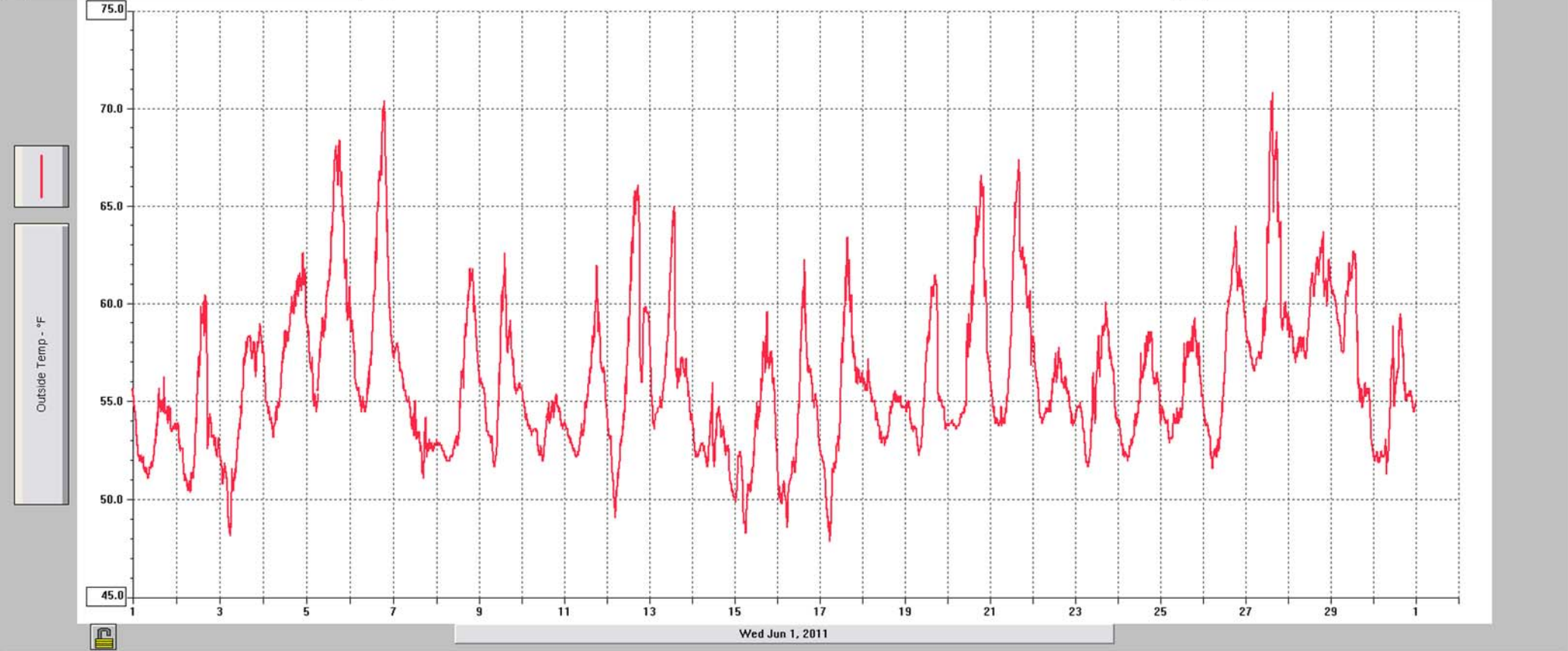
Days of Rain: 10 (>.01 in) 3 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

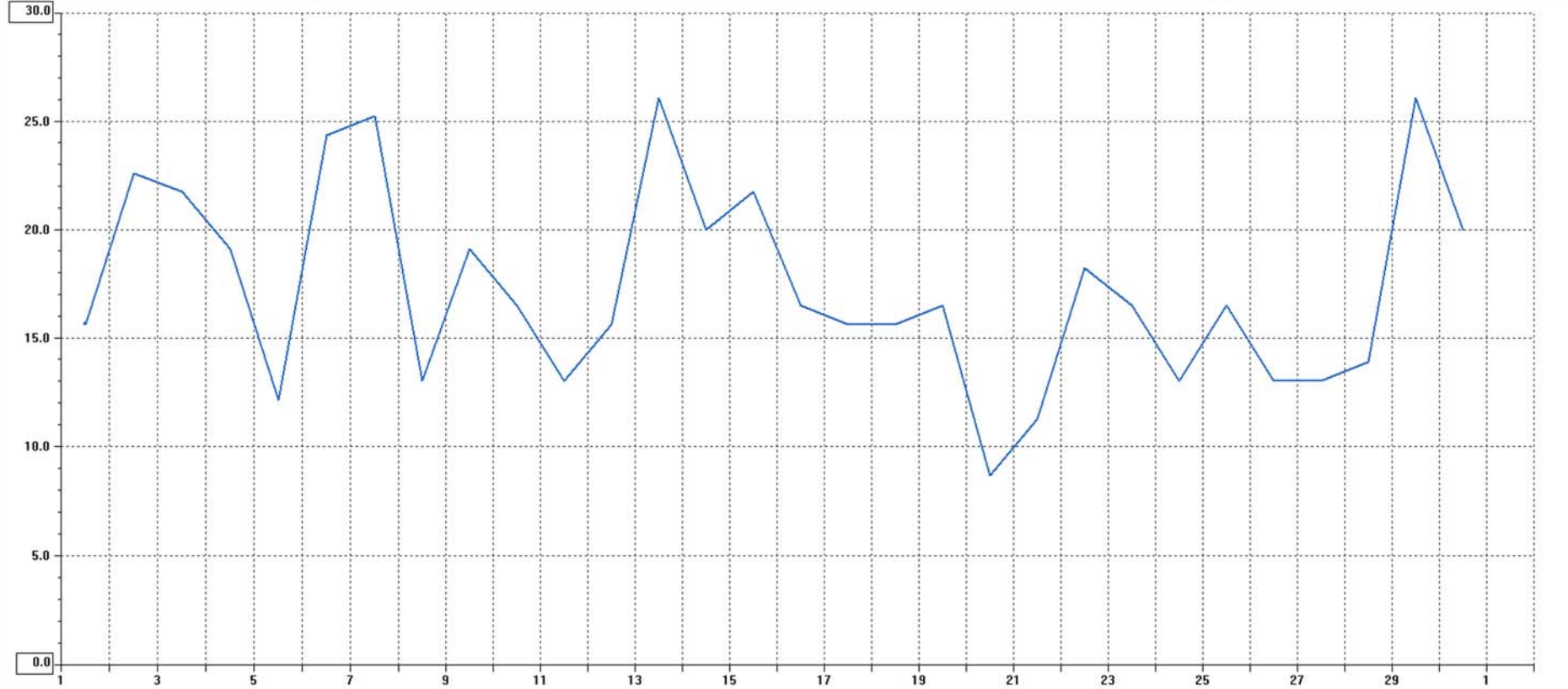


Wed Jun 1, 2011

- Outside Temp
- Hi Temp
- Low Temp
- Out Humidity
- Dewpoint
- Wind Speed
- Wind Direction
- Wind Run
- Hi Wind Speed
- Hi Wind Dir
- Wind Chill
- Heat Index
- THW Index
- Barometer
- Rain
- Rain Rate
- Heating DD
- Cooling DD
- Inside Temp
- Inside Humidity
- Inside Dewpoint

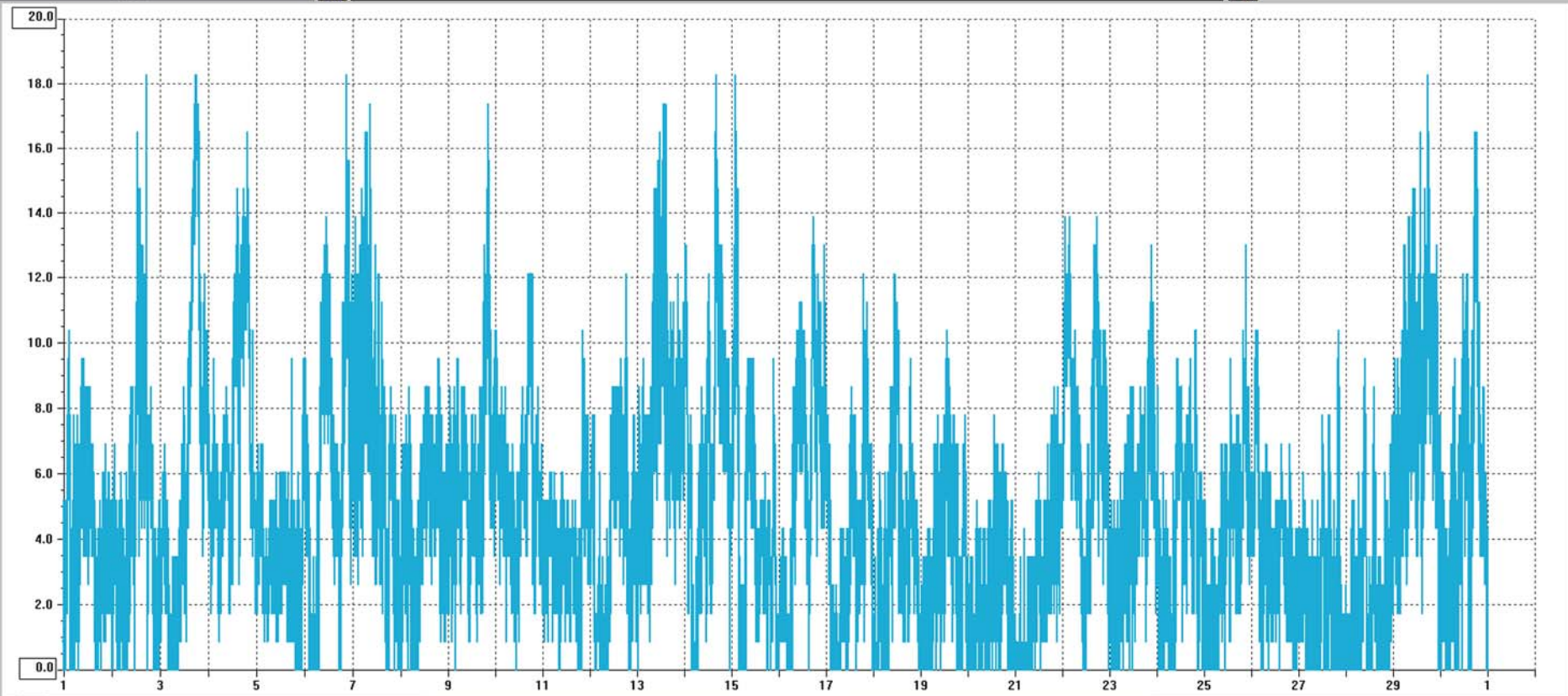


- | | | | | | | |
|--|--|--------------------------------------|---------------------------------------|--------------------------------------|--|--|
| <input checked="" type="checkbox"/> Outside Temp | <input type="checkbox"/> Hi Temp | <input type="checkbox"/> Low Temp | <input type="checkbox"/> Out Humidity | <input type="checkbox"/> Dewpoint | <input type="checkbox"/> Wind Speed | <input type="checkbox"/> Wind Direction |
| <input type="checkbox"/> Wind Run | <input type="checkbox"/> Hi Wind Speed | <input type="checkbox"/> Hi Wind Dir | <input type="checkbox"/> Wind Chill | <input type="checkbox"/> Heat Index | <input type="checkbox"/> THW Index | <input type="checkbox"/> Barometer |
| <input type="checkbox"/> Rain | <input type="checkbox"/> Rain Rate | <input type="checkbox"/> Heating DD | <input type="checkbox"/> Cooling DD | <input type="checkbox"/> Inside Temp | <input type="checkbox"/> Inside Humidity | <input type="checkbox"/> Inside Dewpoint |



Wed Jun 1, 2011

- | | | | | | | |
|---------------------------------------|---|--------------------------------------|---------------------------------------|--------------------------------------|--|--|
| <input type="checkbox"/> Outside Temp | <input type="checkbox"/> Hi Temp | <input type="checkbox"/> Low Temp | <input type="checkbox"/> Out Humidity | <input type="checkbox"/> Dewpoint | <input type="checkbox"/> Wind Speed | <input type="checkbox"/> Wind Direction |
| <input type="checkbox"/> Wind Run | <input checked="" type="checkbox"/> Hi Wind Speed | <input type="checkbox"/> Hi Wind Dir | <input type="checkbox"/> Wind Chill | <input type="checkbox"/> Heat Index | <input type="checkbox"/> THW Index | <input type="checkbox"/> Barometer |
| <input type="checkbox"/> Rain | <input type="checkbox"/> Rain Rate | <input type="checkbox"/> Heating DD | <input type="checkbox"/> Cooling DD | <input type="checkbox"/> Inside Temp | <input type="checkbox"/> Inside Humidity | <input type="checkbox"/> Inside Dewpoint |



Wed Jun 1, 2011

- | | | | | | | |
|---------------------------------------|--|--------------------------------------|---------------------------------------|--------------------------------------|--|--|
| <input type="checkbox"/> Outside Temp | <input type="checkbox"/> Hi Temp | <input type="checkbox"/> Low Temp | <input type="checkbox"/> Out Humidity | <input type="checkbox"/> Dewpoint | <input checked="" type="checkbox"/> Wind Speed | <input type="checkbox"/> Wind Direction |
| <input type="checkbox"/> Wind Run | <input type="checkbox"/> Hi Wind Speed | <input type="checkbox"/> Hi Wind Dir | <input type="checkbox"/> Wind Chill | <input type="checkbox"/> Heat Index | <input type="checkbox"/> THW Index | <input type="checkbox"/> Barometer |
| <input type="checkbox"/> Rain | <input type="checkbox"/> Rain Rate | <input type="checkbox"/> Heating DD | <input type="checkbox"/> Cooling DD | <input type="checkbox"/> Inside Temp | <input type="checkbox"/> Inside Humidity | <input type="checkbox"/> Inside Dewpoint |