

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 SEP. 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	57.0	68.8	4:36p	51.0	6:44a	8.2	0.2	0.00	5.3	19.1	6:06p	SSW
2	58.0	62.7	4:41p	54.2	7:00a	7.0	0.0	0.00	4.3	15.7	6:25p	NNE
3	58.9	63.9	7:10p	54.8	5:13a	6.1	0.0	0.00	5.2	13.9	1:15p	NNE
4	60.9	70.6	6:20p	53.5	7:01a	5.1	0.9	0.00	3.1	7.8	2:56p	NE
5	58.5	65.5	4:31p	53.6	6:16a	6.5	0.0	0.00	3.8	11.3	4:53p	NNE
6	59.1	66.1	6:47p	53.9	5:03a	5.9	0.0	0.00	2.6	17.4	4:24p	NNE
7	61.8	73.3	8:07p	54.4	5:16a	4.7	1.5	0.00	4.3	13.0	12:22a	NNE
8	63.4	73.7	5:05p	56.0	6:40a	3.1	1.6	0.00	2.3	9.6	11:13p	NNE
9	61.9	68.9	3:31p	55.0	6:46a	4.0	0.9	0.00	2.6	13.9	5:26p	NNE
10	62.3	72.3	5:35p	55.7	5:33a	3.6	0.9	0.00	2.9	10.4	9:12a	NNE
11	64.4	73.0	7:09p	57.0	7:09a	2.6	2.0	0.00	3.0	13.0	8:52a	NNE
12	61.8	66.8	6:24p	58.6	2:55a	3.3	0.1	0.00	5.5	17.4	7:40a	S
13	59.7	63.1	2:42p	57.5	7:44a	5.3	0.0	0.00	3.6	13.9	12:07a	S
14	58.7	63.7	6:13p	56.5	9:35a	6.3	0.0	0.00	1.3	6.1	4:57p	N
15	57.5	59.3	6:06p	56.3	10:43p	7.5	0.0	0.00	3.8	13.9	9:33p	NNE
16	56.1	61.5	4:56p	51.4	6:41a	8.9	0.0	0.01	3.1	13.0	1:00a	NE
17	57.6	62.1	5:11p	54.1	10:53a	7.4	0.0	0.12	6.7	23.5	10:23a	SSE
18	59.6	65.3	4:01p	54.1	12:01a	5.4	0.0	0.10	6.4	27.0	8:24a	SSE
19	58.3	62.3	5:34p	54.1	11:41p	6.7	0.0	0.00	3.5	10.4	4:36a	NNE
20	56.0	62.0	6:17p	50.1	7:03a	9.0	0.0	0.00	2.0	9.6	6:44p	N
21	66.2	74.9	3:26p	56.0	1:00a	2.6	3.8	0.00	5.0	17.4	7:48p	SSE
22	67.9	73.2	3:50p	60.9	7:33a	0.3	3.2	0.01	7.2	26.1	9:52a	SSE
23	72.4	78.5	4:42p	67.6	6:21a	0.0	7.4	0.00	6.5	26.1	7:49a	SSE
24	68.5	75.1	5:25p	60.1	9:53a	0.5	4.0	0.00	5.1	19.1	11:53p	S
25	61.1	67.3	12:02a	56.0	5:50a	4.1	0.2	0.06	7.8	33.9	4:00a	S
26	57.7	61.0	10:07p	54.8	9:24a	7.3	0.0	0.26	5.7	22.6	8:57p	SE
27	59.4	65.0	3:13p	55.1	11:03p	5.6	0.0	0.00	6.6	23.5	1:06a	SSE
28	53.9	56.9	5:37p	49.4	7:33a	11.1	0.0	0.00	5.8	20.9	3:26p	NW
29	54.2	59.8	6:55p	48.6	6:04a	10.8	0.0	0.00	2.9	9.6	12:11a	NNE
30	54.7	58.4	1:27p	51.6	5:14a	10.3	0.0	0.00	4.7	19.1	3:11p	NE
	60.3	78.5	23	48.6	29	169.2	26.7	0.56	4.4	33.9	25	NNE

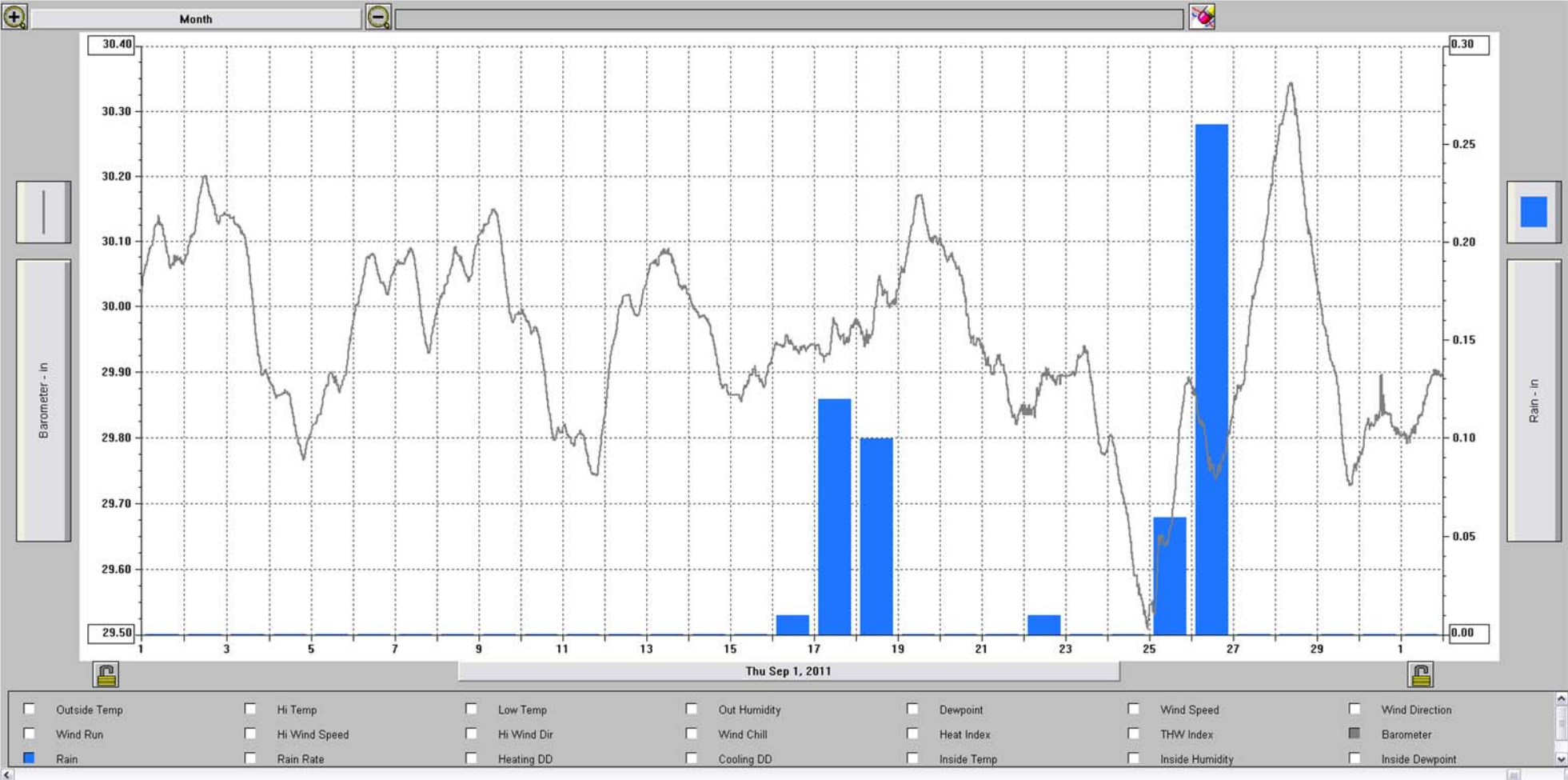
Max >= 90.0: 0
 Max <= 32.0: 0
 Min <= 32.0: 0
 Min <= 0.0: 0

Max Rain: 0.26 ON 09/26/11

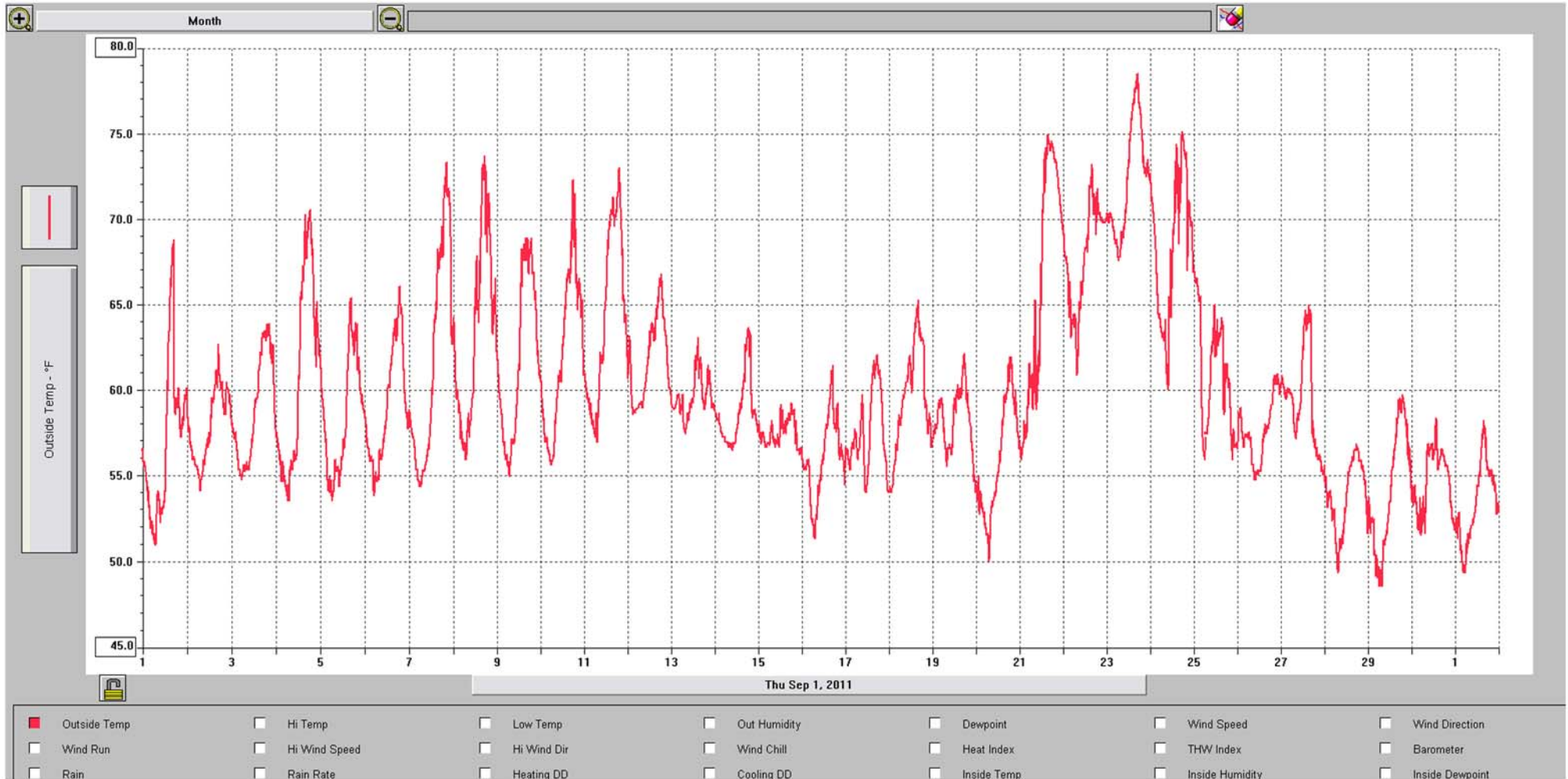
Days of Rain: 4 (>.01 in) 2 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

September 2011 Rain, Barometer



September 2011 Outside Temp



September 2011 Wind Speed

