

# NOAA Monthly Summary Report

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

The number of days on which the daily high temperature was  $90^{\circ}\text{F}$  ( $32^{\circ}\text{C}$ ) or above.

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

The number of days on which the daily high temperature was  $32^{\circ}\text{F}$  ( $0^{\circ}\text{C}$ ) or below.

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

The number of days on which the daily low temperature was  $32^{\circ}\text{F}$  ( $0^{\circ}\text{C}$ ) or below.

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

The number of days on which the daily low temperature was  $0^{\circ}\text{F}$  ( $-18^{\circ}\text{C}$ ) 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  $89.9^{\circ}\text{F}$  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  $90^{\circ}\text{F}$ ).

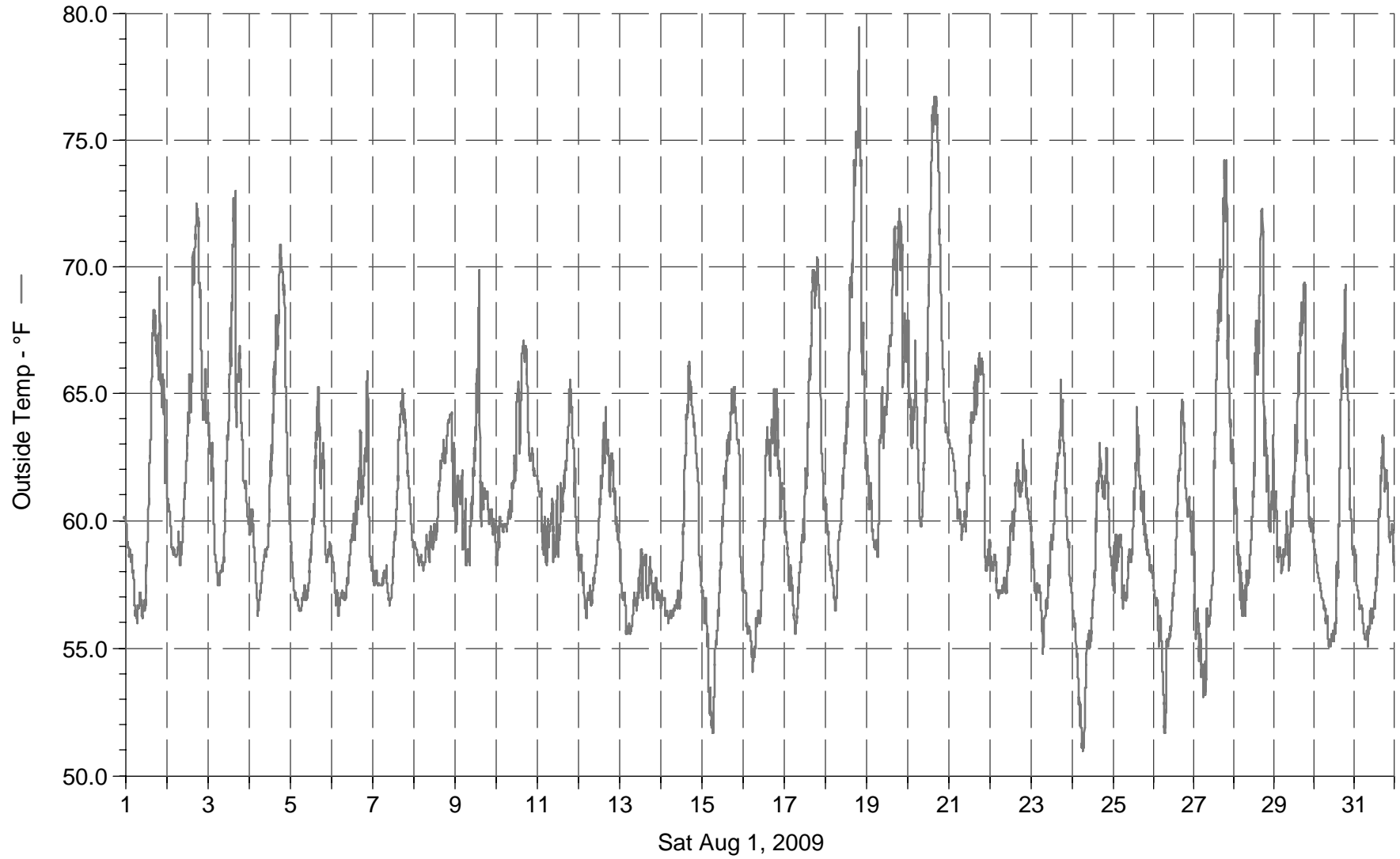
- **Max Rain**

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.

data



MONTHLY CLIMATOLOGICAL SUMMARY for AUG. 2009

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		HIGH
1	61.1	69.6	7:50p	56.0	6:29a	4.4	0.5	0.00	4.3	13.9	7:25p	N
2	63.5	72.5	5:14p	58.3	7:38a	2.8	1.2	0.00	3.4	9.6	2:07a	NNE
3	62.7	73.2	4:04p	57.5	5:48a	3.1	0.8	0.00	5.0	15.7	3:08a	SSW
4	62.2	71.1	6:10p	56.3	5:07a	3.7	0.9	0.00	5.4	17.4	3:44a	S
5	59.1	65.3	4:16p	56.5	5:01a	5.9	0.0	0.00	5.2	16.5	12:41a	SSW
6	59.3	66.0	8:41p	56.3	3:50a	5.7	0.0	0.00	2.4	12.2	9:16p	NNW
7	59.8	65.2	5:18p	56.7	9:45a	5.2	0.0	0.00	5.1	15.7	6:05p	SSW
8	60.5	64.3	9:55p	58.1	5:32a	4.5	0.0	0.00	4.4	15.7	2:09a	S
9	61.0	69.9	2:13p	58.3	6:24a	4.1	0.1	0.00	4.6	19.1	6:05p	SSW
10	62.3	67.1	4:01p	58.3	12:04a	3.0	0.2	0.10	5.5	20.0	3:22p	SSE
11	60.8	65.6	7:05p	58.3	5:14a	4.2	0.0	0.12	2.7	13.0	6:17a	NNE
12	59.7	64.5	3:49p	56.2	4:27a	5.3	0.0	0.02	3.1	12.2	5:06p	NNE
13	57.2	59.2	12:01a	55.6	3:51a	7.8	0.0	0.22	2.6	12.2	9:37a	S
14	59.4	66.3	4:21p	56.0	4:19a	5.6	0.0	0.00	3.4	12.2	6:11p	S
15	58.9	65.3	6:40p	51.7	6:05a	6.1	0.0	0.00	4.5	15.7	12:04p	S
16	59.3	65.2	6:01p	54.1	5:35a	5.7	0.0	0.00	3.2	13.0	3:29p	N
17	61.9	70.4	7:09p	55.6	6:26a	4.1	1.0	0.00	2.3	10.4	12:44a	NNE
18	64.5	79.4	7:33p	56.5	5:48a	3.0	2.5	0.00	2.2	9.6	10:43p	NNE
19	65.1	72.3	6:54p	58.6	6:22a	1.7	1.8	0.00	3.6	12.2	10:42a	NE
20	67.0	76.7	3:22p	59.8	7:38a	1.0	3.0	0.00	6.5	20.9	12:29p	S
21	62.2	66.6	5:55p	58.1	9:42p	3.0	0.2	0.00	6.3	15.7	3:38a	S
22	59.5	63.2	7:13p	57.0	4:52a	5.5	0.0	0.00	7.7	20.9	3:49a	NNE
23	59.2	65.6	5:15p	54.8	6:48a	5.8	0.0	0.00	2.0	9.6	12:02a	NE
24	57.3	63.1	4:10p	50.8	6:07a	7.7	0.0	0.00	2.3	10.4	8:42p	N
25	59.2	64.5	1:56p	56.6	5:31a	5.8	0.0	0.00	7.1	23.5	2:03a	SSE
26	58.2	64.8	4:58p	51.7	6:35a	6.8	0.0	0.00	3.0	13.0	12:13a	NNE
27	61.6	74.2	6:24p	53.1	5:32a	4.9	1.5	0.00	2.7	11.3	4:11p	NNE
28	61.7	72.3	4:44p	56.3	5:03a	4.1	0.8	0.00	3.2	17.4	3:16p	NE
29	61.6	69.4	6:00p	58.0	4:35a	3.9	0.5	0.01	2.9	11.3	3:15p	SSW
30	59.4	69.3	6:40p	55.1	8:56a	5.9	0.3	0.00	3.3	9.6	8:27a	NNE
31	58.3	63.4	5:09p	55.1	8:04a	6.7	0.0	0.00	2.8	10.4	5:08a	NNE
	60.8	79.4	18	50.8	24	147.0	15.3	0.47	4.0	23.5	25	NNE

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 0.22 ON 08/13/09

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

Heat Base: 65.0 Cool Base: 65.0 Method: Integration