

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 FEB. 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		DIR
1	41.2	48.0	11:00p	34.9	3:26a	23.8	0.0	0.00	5.3	22.6	10:59p	SE
2	46.5	52.9	4:28p	40.9	11:53p	18.5	0.0	0.00	4.3	18.3	12:18a	SE
3	42.1	49.1	2:40p	36.5	7:58a	22.9	0.0	0.00	2.1	9.6	2:24p	E
4	44.2	50.2	12:46p	38.3	4:25a	20.8	0.0	0.00	2.4	12.2	9:00a	ESE
5	41.9	44.9	9:18p	37.6	2:37a	23.1	0.0	0.01	2.1	7.8	7:12p	E
6	43.5	45.2	5:02p	38.2	11:34p	21.5	0.0	0.05	7.7	21.7	12:46p	NNW
7	39.5	43.1	3:28p	35.8	11:07p	25.5	0.0	0.00	2.4	7.8	11:33a	E
8	41.5	48.6	3:18p	35.9	12:24a	23.5	0.0	0.01	4.9	21.7	10:48p	SSE
9	36.5	40.6	3:18p	33.1	8:46p	28.5	0.0	0.44	6.1	26.1	12:07a	SE
10	35.6	38.3	12:49p	33.7	7:41a	29.4	0.0	0.13	6.3	17.4	3:49p	SE
11	38.8	43.3	2:30p	33.1	6:26a	26.2	0.0	0.00	6.3	18.3	1:49p	E
12	39.2	44.2	3:53p	32.2	2:09a	25.8	0.0	0.00	4.4	18.3	9:53p	ESE
13	40.1	43.2	4:08p	34.1	1:47a	24.9	0.0	0.00	6.9	18.3	1:18p	N
14	41.3	46.7	4:26p	34.7	11:47p	23.7	0.0	0.00	3.1	13.0	5:54a	NNE
15	40.1	43.5	3:59p	34.7	1:19a	24.9	0.0	0.01	6.0	18.3	11:53a	NNW
16	41.9	44.5	4:37p	39.3	5:00a	23.1	0.0	0.00	10.0	23.5	1:37p	N
17	45.1	52.2	4:04p	39.1	11:55p	19.9	0.0	0.00	4.6	19.1	11:37a	S
18	41.7	47.7	4:04p	36.2	5:45a	23.3	0.0	0.00	2.3	8.7	1:27p	ESE
19	41.0	45.5	5:46p	37.2	4:19a	24.0	0.0	0.01	4.5	13.9	12:46p	NE
20	39.8	46.2	5:19p	31.9	6:31a	25.2	0.0	0.00	2.9	7.0	10:50a	ESE
21	41.7	46.8	3:43p	35.6	5:58a	23.3	0.0	0.00	3.6	12.2	7:01a	NNE
22	48.0	54.8	3:15p	42.8	1:10a	17.0	0.0	0.11	3.5	13.9	11:37a	SSW
23	47.6	50.8	3:11p	45.1	7:05a	17.4	0.0	0.14	3.9	19.1	6:48p	SE
24	47.1	50.2	12:55p	44.1	7:22a	17.9	0.0	0.16	11.7	34.8	1:18p	S
25	42.5	46.1	10:06a	35.8	11:00p	22.5	0.0	0.04	11.2	33.9	10:34a	S
26	35.7	38.2	4:32p	32.1	7:44a	29.3	0.0	0.03	8.2	33.0	8:11a	SE
27	40.3	44.2	4:46p	35.6	5:29a	24.7	0.0	0.00	3.7	12.2	10:13p	ESE
28	42.1	45.2	4:07p	34.4	6:08a	22.9	0.0	0.00	5.1	18.3	4:36p	NNW
	41.7	54.8	22	31.9	20	653.5	0.0	1.14	5.2	34.8	24	ESE

Max >= 90.0: 0
 Max <= 32.0: 0
 Min <= 32.0: 1
 Min <= 0.0: 0

Max Rain: 0.44 ON 02/09/09

Days of Rain: 8 (>.01 in) 5 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration