

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 MAR. 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 TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	47.3	52.5	2:28p	42.8	4:05a	17.7	0.0	0.25	4.0	24.3	5:48p	ESE
2	49.7	55.9	2:05p	43.3	11:46p	15.3	0.0	0.10	6.1	33.9	6:24a	S
3	46.6	55.1	3:45p	41.1	2:02a	18.4	0.0	0.13	3.7	17.4	5:25a	SSW
4	45.3	48.2	1:55p	42.3	12:57a	19.7	0.0	0.00	4.2	21.7	9:46p	S
5	42.4	46.0	1:23a	38.8	9:59a	22.6	0.0	0.14	9.0	27.8	1:37p	NNW
6	39.7	46.7	3:09p	32.8	7:34a	25.3	0.0	0.00	5.5	19.1	12:21a	SE
7	39.4	42.9	8:05a	34.7	11:34p	25.6	0.0	0.19	8.3	28.7	6:14p	S
8	37.2	41.3	3:12p	32.9	7:05a	27.8	0.0	0.00	4.3	18.3	1:53a	E
9	35.6	37.5	12:03p	34.4	12:06a	28.2	0.0	0.02	10.9	33.0	3:33p	NW
10	33.5	37.8	5:55p	28.1	7:27a	31.5	0.0	0.00	6.2	19.1	12:14a	NNW
11	34.7	40.1	5:29p	27.5	5:18a	30.3	0.0	0.00	7.9	20.9	1:37p	NW
12	38.6	45.2	7:31p	30.7	5:11a	26.4	0.0	0.00	4.6	12.2	12:52a	ENE
13	43.8	55.6	5:28p	32.7	6:29a	21.2	0.0	0.00	5.9	27.8	11:47p	ESE
14	42.8	44.9	2:42a	40.2	10:03p	22.1	0.0	0.09	13.0	40.0	3:29a	S
15	40.1	46.0	3:33p	34.1	10:07a	24.9	0.0	0.34	13.7	51.3	3:41p	S
16	40.9	44.6	3:24p	38.3	10:39a	24.1	0.0	0.05	10.9	36.5	1:09a	SSE
17	42.5	47.3	1:50p	38.2	3:07a	22.5	0.0	0.03	9.7	31.3	8:05a	S
18	46.6	53.1	4:35p	41.3	12:47a	18.4	0.0	0.00	6.6	23.5	2:47p	SE
19	48.8	52.6	6:13p	45.5	5:59a	16.2	0.0	0.02	8.3	27.0	12:42p	S
20	48.3	54.1	1:31p	39.8	12:00m	16.7	0.0	0.14	8.3	36.5	3:26p	S
21	41.2	51.6	6:07p	32.1	7:31a	23.8	0.0	0.00	2.8	11.3	5:55p	ESE
22	42.2	45.1	12:01p	38.9	3:27a	22.8	0.0	0.30	4.7	16.5	12:23p	ESE
23	41.7	45.5	12:44p	39.3	6:53a	23.3	0.0	0.02	7.4	25.2	8:27a	SSE
24	44.6	49.4	1:48p	41.8	4:21a	20.4	0.0	0.20	6.4	22.6	2:57p	S
25	41.8	45.2	6:17p	38.2	7:52a	23.2	0.0	0.39	4.7	18.3	5:37p	ENE
26	42.1	51.7	4:55p	33.4	5:42a	22.9	0.0	0.00	5.1	15.7	6:17p	SSW
27	44.3	48.0	3:47p	42.1	12:21a	20.7	0.0	0.13	4.2	19.1	10:15a	S
28	40.0	42.6	12:01a	38.0	9:07a	25.0	0.0	0.32	7.0	24.3	7:47p	NNW
29	42.8	47.4	5:14p	37.9	3:41a	22.2	0.0	0.04	9.0	26.1	3:27a	NW
30	43.4	47.6	4:16p	38.8	1:12a	21.6	0.0	0.00	6.8	28.7	11:21p	S
31	44.9	47.3	3:51p	40.9	11:41p	20.1	0.0	0.02	14.0	36.5	10:32a	NNW
	42.3	55.9	2	27.5	11	700.9	0.0	2.92	7.2	51.3	15	S

Max >= 90.0: 0
 Max <= 32.0: 0
 Min <= 32.0: 3
 Min <= 0.0: 0

Max Rain: 0.39 ON 03/25/09

Days of Rain: 20 (>.01 in) 11 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration