

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 JAN. 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	HIGH		DIR
1	39.0	42.1	10:44a	35.9	6:46a	26.0	0.0	0.21	6.3	25.2	1:44p	SE
2	37.6	40.6	1:31p	34.0	6:41p	27.4	0.0	0.00	8.3	32.2	4:35a	NNW
3	38.4	41.5	3:10p	35.6	2:09a	26.6	0.0	0.00	8.8	31.3	6:07p	S
4	36.5	39.5	12:59a	33.1	7:07p	28.5	0.0	0.26	6.3	27.8	4:31p	SSE
5	43.2	46.4	6:20p	35.0	12:01a	21.8	0.0	0.12	6.7	24.3	5:40p	S
6	48.5	52.9	7:09p	43.6	6:59a	16.5	0.0	0.11	13.8	42.6	3:22p	S
7	52.3	53.2	12:25a	51.3	10:18p	12.7	0.0	0.65	12.9	47.0	12:53a	S
8	46.1	51.4	12:01a	39.1	11:48p	18.9	0.0	0.16	9.0	29.6	4:02p	S
9	41.0	43.8	5:13p	35.6	1:26a	24.0	0.0	0.00	5.8	20.0	7:27p	SE
10	43.4	44.8	11:54p	42.3	12:01a	21.5	0.0	0.20	8.0	22.6	11:09a	SSE
11	46.9	48.8	1:37p	44.8	12:01a	18.1	0.0	0.02	3.1	18.3	12:23a	SSE
12	46.5	49.9	2:58p	44.3	6:34a	18.5	0.0	0.07	2.3	12.2	1:29p	NNE
13	44.7	47.0	1:24a	43.1	11:18p	20.3	0.0	0.04	2.4	11.3	5:08p	N
14	41.3	43.3	3:51a	39.3	2:32p	23.7	0.0	0.00	7.4	15.7	9:05a	NNE
15	38.2	40.3	12:24a	36.6	10:46a	26.8	0.0	0.00	5.2	12.2	12:45a	NNE
16	36.3	38.0	8:11p	34.6	10:40a	28.7	0.0	0.00	6.0	13.9	6:42p	NNE
17	37.0	41.6	5:16p	35.0	9:15a	27.9	0.0	0.00	7.7	15.7	12:35a	NNE
18	38.0	44.3	4:35p	34.6	6:51a	27.0	0.0	0.00	5.1	12.2	12:01a	NNE
19	39.1	44.8	3:31p	34.4	5:13a	25.9	0.0	0.02	2.7	8.7	9:58a	NNE
20	34.9	37.5	12:46a	32.7	8:07a	30.1	0.0	0.00	1.5	8.7	2:37a	NE
21	33.6	35.3	7:50p	31.3	7:50a	31.4	0.0	0.00	3.4	9.6	3:41p	NNE
22	33.7	35.9	5:51p	31.6	9:36a	31.3	0.0	0.01	4.4	12.2	3:10p	NNE
23	35.3	39.8	4:47p	33.1	7:54a	29.7	0.0	0.00	5.2	13.0	3:07a	NNE
24	36.5	40.1	12:34p	31.6	8:50a	28.5	0.0	0.02	4.1	13.9	12:36a	NNE
25	35.0	36.6	6:30a	31.8	11:58p	30.0	0.0	0.01	9.8	25.2	7:00a	NNE
26	32.7	39.1	3:16p	25.3	6:46a	32.3	0.0	0.00	3.7	12.2	11:59p	ESE
27	38.2	42.2	8:25p	32.8	9:19a	26.8	0.0	0.00	9.1	33.9	11:52a	SSE
28	41.7	45.1	11:29a	38.9	7:50a	23.3	0.0	0.00	2.4	10.4	12:11p	SE
29	41.4	45.5	4:26p	36.2	11:45p	23.6	0.0	0.00	3.5	12.2	1:41p	SE
30	40.6	48.5	4:58p	33.8	4:13a	24.4	0.0	0.00	5.0	27.0	7:42p	S
31	40.4	44.3	3:51p	35.0	5:01a	24.6	0.0	0.00	4.6	12.2	9:22a	SE
	39.9	53.2	7	25.3	26	776.8	0.0	1.90	6.0	47.0	7	NNE

Max >= 90.0: 0
 Max <= 32.0: 0
 Min <= 32.0: 5
 Min <= 0.0: 0

Max Rain: 0.65 ON 01/07/09

Days of Rain: 12 (>.01 in) 7 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration