

# 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  $90^{\circ}\text{F}$ ).

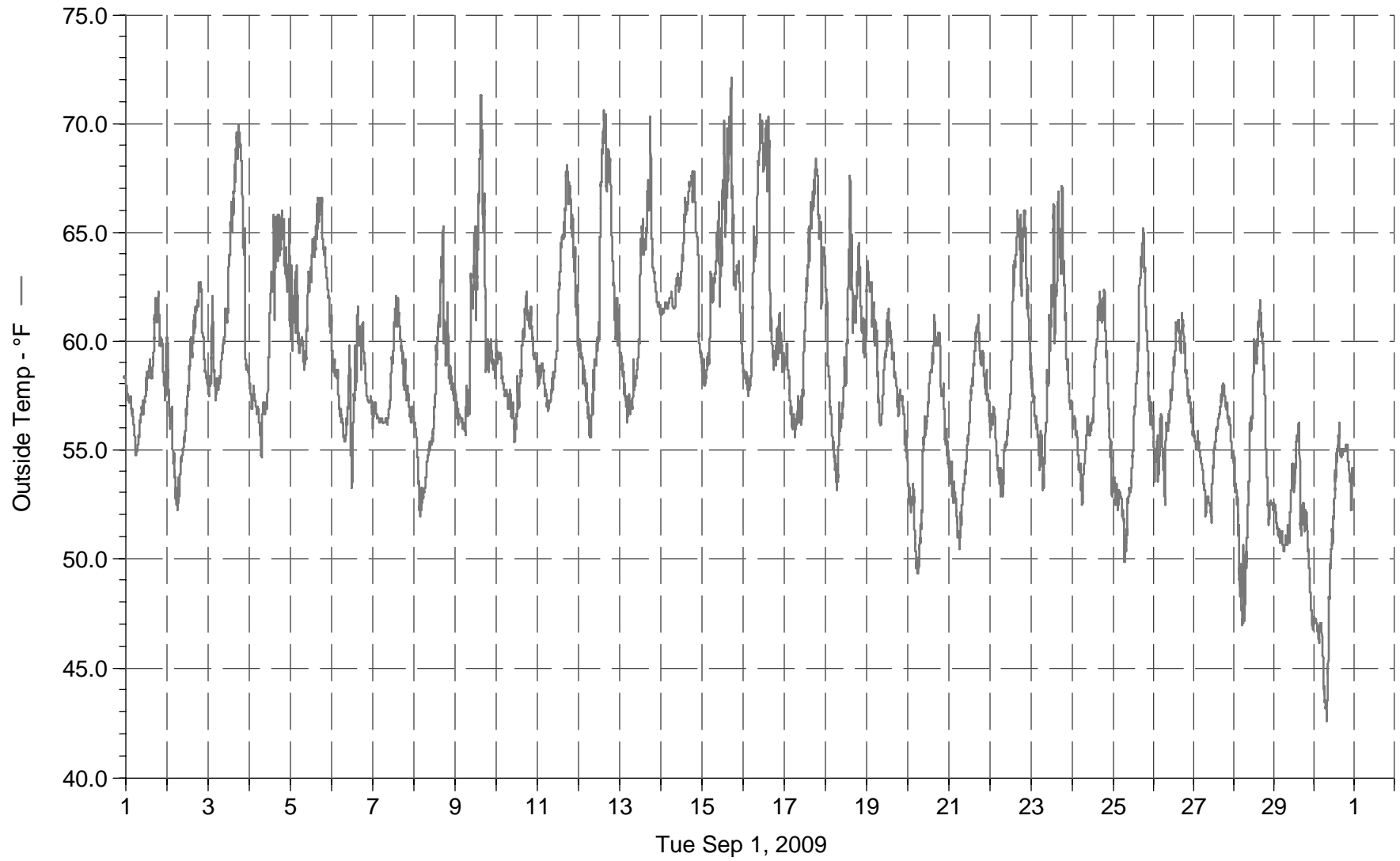
- **Max Rain**

The maximum daily rainfall during the month.

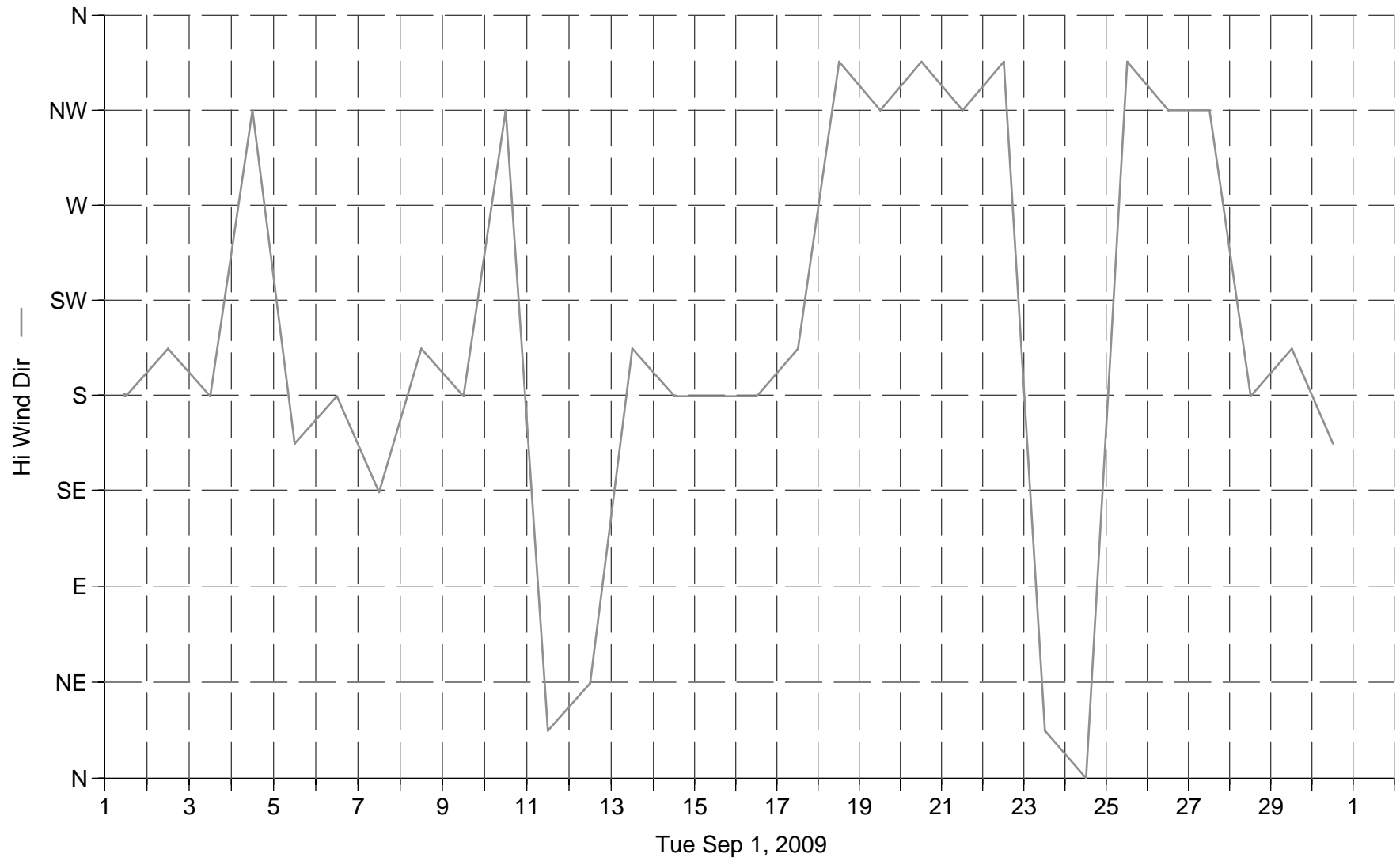
- **Days of Rain**

The number of days on which rainfall exceeded  $0.01$ " ( $0.2$  mm),  $0.1$ " ( $2$  mm), or  $1$ " ( $20$  mm) is displayed.

data



data



MONTHLY CLIMATOLOGICAL SUMMARY for SEP. 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	DIR		
1	58.1	62.3	6:52p	54.8	5:33a	6.9	0.0	0.01	4.2	16.5	9:52a	SSW
2	57.8	62.7	6:44p	52.3	6:06a	7.2	0.0	0.05	2.0	7.8	12:01a	NNE
3	62.3	69.9	5:49p	57.3	4:13a	3.6	0.8	0.09	6.4	23.5	8:25a	SSE
4	60.5	66.0	6:49p	54.7	7:05a	4.5	0.1	0.00	1.9	8.7	2:38p	NNE
5	62.5	66.6	4:12p	58.7	7:44a	2.6	0.1	0.15	6.9	24.3	10:36a	S
6	57.8	61.6	3:10p	53.3	11:43a	7.2	0.0	0.47	8.3	30.4	5:24p	SSE
7	57.9	62.1	1:30p	56.0	12:03a	7.1	0.0	0.04	5.1	24.3	1:24a	S
8	57.2	65.3	4:57p	52.0	3:37a	7.8	0.0	0.00	1.9	9.6	3:02p	SSW
9	60.5	71.3	3:04p	55.7	6:02a	5.0	0.4	0.00	5.0	28.7	4:03p	S
10	58.8	62.3	5:35p	55.3	10:49a	6.2	0.0	0.00	5.9	13.9	2:44p	NNW
11	61.4	68.1	5:25p	56.7	6:22a	3.9	0.3	0.00	4.5	12.2	7:01p	NE
12	61.8	70.6	2:51p	55.6	6:31a	4.1	0.9	0.00	2.0	9.6	10:27p	NNE
13	61.2	70.3	5:53p	56.3	4:06a	4.0	0.3	0.00	3.4	26.1	6:16p	S
14	63.4	67.8	6:20p	59.0	11:45p	2.1	0.5	0.00	4.7	15.7	5:49a	SSE
15	63.4	72.1	5:03p	58.0	1:29a	2.4	0.8	0.00	3.4	11.3	4:17a	SSW
16	62.7	70.4	10:01a	57.5	3:09a	3.4	1.1	0.00	4.6	20.9	11:22a	SSE
17	61.3	68.4	6:16p	55.6	6:17a	4.1	0.4	0.00	3.7	11.3	11:38a	SSW
18	59.4	67.6	2:25p	53.2	6:54a	5.6	0.0	0.00	2.3	16.5	4:01p	N
19	58.9	63.7	12:27a	54.1	12:00m	6.1	0.0	0.26	5.4	19.1	7:12a	NE
20	55.5	61.2	3:22p	49.4	5:47a	9.5	0.0	0.00	3.0	15.7	6:01p	ESE
21	56.0	61.2	5:04p	50.5	6:14a	9.0	0.0	0.00	4.3	15.7	2:38p	NE
22	59.2	66.1	4:02p	52.8	6:15a	5.9	0.1	0.00	2.5	8.7	6:02p	ENE
23	59.3	67.1	6:02p	53.2	6:46a	5.8	0.1	0.00	3.6	23.5	9:42p	NE
24	57.1	62.4	6:42p	52.5	5:40a	7.9	0.0	0.00	1.6	8.7	5:45p	N
25	56.3	65.2	5:31p	49.8	6:59a	8.7	0.0	0.00	2.2	9.6	7:00p	NNE
26	57.3	61.3	5:15p	52.5	6:48a	7.7	0.0	0.00	4.1	13.9	6:36p	NNW
27	55.2	58.1	5:26p	51.7	10:29a	9.8	0.0	0.00	8.3	20.9	12:25p	NNW
28	54.6	62.0	3:33p	47.0	5:07a	10.4	0.0	0.02	6.5	27.0	12:58p	S
29	51.7	56.3	3:03p	46.8	11:16p	13.3	0.0	0.26	7.0	25.2	12:12a	S
30	50.7	56.3	3:05p	42.6	7:29a	14.3	0.0	0.00	3.6	11.3	4:20a	SE
	58.7	72.1	15	42.6	30	196.1	5.9	1.35	4.3	30.4	6	NNE

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

Max Rain: 0.47 ON 09/06/09

Days of Rain: 8 (>.01 in) 4 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration