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 >= 90ºF (32ºC)**

The number of days on which the daily high temperature was 90° F (32°C) or above.

- **Max <= 32ºF (0ºC)**

The number of days on which the daily high temperature was 32° F (0°C) or below.

- **Min <= 32ºF (0ºC)**

The number of days on which the daily low temperature was 32° F (0°C) or below.

- **Min <= 0ºF (-18ºC)**

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 ifferent, 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 ºF the maximum would not count as >= 90 ºF; however, if you were using metric units, the maximum would count as >= 32 ºC (the equivalent of 90 ºF).

- **Max Rain**

he maximum daily rainfall during the month.

- **Days of Rain**

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

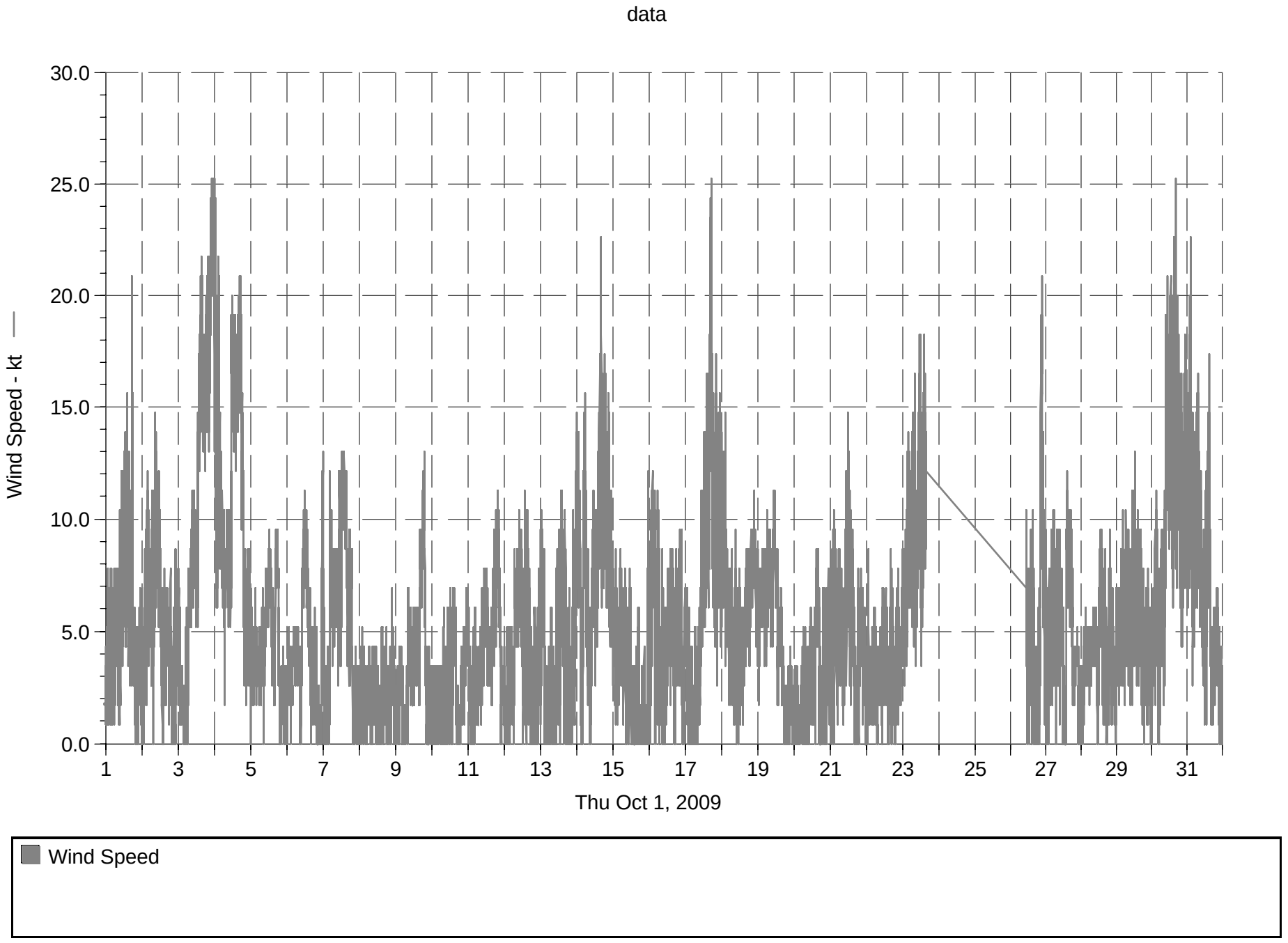
MONTHLY CLIMATOLOGICAL SUMMARY for OCT. 2009

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	54.6	59.3	1:30p	51.6	5:52a	10.4	0.0	0.11	5.6	24.3	5:26p	SSE
2	53.1	55.6	2:22p	50.4	9:52p	11.9	0.0	0.01	5.5	17.4	8:39a	NNW
3	51.1	55.6	9:02p	46.4	8:16a	13.9	0.0	0.00	11.0	29.6	9:38p	NNE
4	55.6	59.9	5:37p	50.1	8:19a	9.4	0.0	0.00	11.3	27.8	12:38a	NNE
5	52.9	57.6	3:59p	46.1	5:55a	12.1	0.0	0.00	4.3	11.3	4:24p	ENE
6	51.9	62.1	3:45p	43.3	7:34a	13.1	0.0	0.00	4.2	13.9	11:43p	ESE
7	53.0	56.6	5:33p	48.6	12:00m	12.0	0.0	0.00	5.7	17.4	12:58p	NNW
8	50.5	57.0	5:14p	44.9	6:08a	14.5	0.0	0.00	2.2	8.7	9:24p	ESE
9	51.9	56.2	4:41p	47.9	3:51a	13.1	0.0	0.00	3.7	13.9	6:08p	N
10	51.2	57.6	1:51p	46.2	8:51p	13.8	0.0	0.00	2.5	10.4	12:13p	ESE
11	47.4	52.9	3:53p	39.2	7:48a	17.6	0.0	0.00	4.3	13.0	7:27p	NNW
12	46.5	51.6	2:38p	36.9	5:29a	18.5	0.0	0.00	3.9	13.9	9:45a	ESE
13	51.5	58.1	3:45p	45.5	8:49a	13.5	0.0	0.11	3.8	21.7	11:32p	ESE
14	55.0	60.7	11:28a	50.5	12:41a	10.0	0.0	0.60	8.0	35.7	4:11p	SSE
15	55.5	59.9	4:26p	51.7	7:10a	9.5	0.0	0.03	3.0	15.7	11:26p	SE
16	58.7	61.0	5:42p	55.9	10:08a	6.3	0.0	0.73	5.0	16.5	2:10a	SE
17	59.5	63.9	2:47p	56.3	4:13a	5.5	0.0	0.48	7.0	35.7	5:13p	SSE
18	55.1	57.5	12:31p	52.8	10:15p	9.9	0.0	0.00	6.0	20.9	12:10a	NNW
19	52.4	54.5	4:30p	48.9	9:47p	12.6	0.0	0.00	5.0	13.9	11:05a	NNW
20	51.1	55.4	8:27p	47.3	5:46a	13.9	0.0	0.00	2.8	11.3	3:03p	SSW
21	55.5	60.4	4:04p	52.0	11:13p	9.5	0.0	0.17	4.8	24.3	11:41a	SSE
22	52.4	54.2	2:59p	49.8	7:55a	12.6	0.0	0.04	3.5	12.2	12:00m	SE
23	53.4	58.1	3:18p	49.8	4:14a	7.5	0.0	0.05	9.3	30.4	11:14a	SE
24												
25												
26	50.2	51.7	2:50p	45.2	11:34p	8.4	0.0	0.04	5.1	24.3	9:17p	SSE
27	46.0	51.4	2:03p	42.2	7:09a	19.0	0.0	0.03	4.7	13.9	5:21a	ESE
28	44.8	47.9	12:23p	40.9	7:34a	20.2	0.0	0.01	4.1	12.2	2:28p	ESE
29	47.1	55.0	11:31p	42.8	3:40a	17.9	0.0	0.03	5.4	17.4	11:36a	SE
30	57.8	60.7	2:27p	54.8	12:23a	7.2	0.0	0.08	9.7	38.3	3:56p	SSE
31	52.7	57.0	1:15p	47.6	11:36p	12.3	0.0	0.04	7.5	31.3	2:31a	S
	52.4	63.9	17	36.9	12	356.1	0.0	2.56	5.5	38.3	30	ESE

Max >= 90.0: 0
Max <= 32.0: 0
Min <= 32.0: 0
Min <=   0.0: 0
Max Rain: 0.73 ON 10/16/09
Days of Rain: 14 (>.01 in) 6 (>.1 in) 0 (>1 in)
Heat Base: 65.0 Cool Base: 65.0 Method: Integration


data
30.0
25.0
20.0
15.0
10.0
5.0
0.0
Wind Speed - kt
1
3
5
7
9
11
13
15
17
19
21
23
25
27
29
31
Thu Oct 1, 2009
Wind Speed