

## Daily Summary Report

Site: ORNL Sodar

5/11/2019

Interval: 015m

	04_WS060m	05_WDir060m	06_WS100m	07_WDir100m	08_WS140m	09_WDir140m	10_WS180m	11_WDir180m	12_WS240m
Time	M/SEC	DEG	M/SEC	DEG	KPH	DEG	M/SEC	DEG	M/SEC
00:00	.4	255.7	.6	313.4	.6	28.2	1.1	31.2	1.6
00:15	.8	264.1	1.0	284.2	.6	299.6	.7	344.2	1.0
00:30	1.5	271.1	1.4	291.2	1.2	301.0	.8	269.4	.7
00:45	1.0	285.5	1.4	313.3	1.7	311.1	1.3	281.0	.9
01:00	.4	72.9	1.0	30.6	.8	21.9	.8	350.8	.2
01:15	.9	91.9	2.1	77.4	2.1	83.5	2.1	80.3	1.7
01:30	.9	85.0	2.3	86.9	3.1	89.9	3.2	90.6	2.5
01:45	.7	72.1	2.3	86.4	3.5	87.0	4.1	89.9	3.3
02:00	.8	78.9	1.9	82.2	3.4	83.1	4.5	84.8	5.0
02:15	1.3	86.2	1.9	81.3	3.2	83.1	4.3	84.8	5.3
02:30	1.3	89.7	1.8	81.3	3.6	86.4	4.5	89.0	5.4
02:45	.6	92.5	1.6	64.3	3.1	81.2	4.3	86.4	4.9
03:00	.4	74.2	1.9	66.3	2.2	77.3	3.4	85.8	3.5
03:15	.4	74.0	1.7	69.4	1.8	76.8	2.6	85.8	2.2
03:30	.1	70.9	2.1	75.2	2.3	77.4	2.7	85.3	2.9
03:45	.2	357.8	2.5	85.1	3.2	81.1	3.3	89.2	4.9
04:00	.3	33.0	1.8	79.2	2.7	80.5	3.7	86.7	5.6
04:15	.4	48.0	1.3	47.9	1.5	79.0	2.4	68.6	6.1
04:30	.2	20.8	1.3	49.5	1.2	61.3	.9	55.4	1.1
04:45	.2	227.9	.9	19.3	1.5	50.0	1.1	53.0	1.3
05:00	.4	226.1	.8	57.7	1.8	36.0	1.4	51.0	1.5
05:15	.2	308.8	.9	70.8	1.5	71.5	1.7	50.0	1.8
05:30	.2	288.5	.5	33.6	1.1	67.4	1.1	45.2	2.0
05:45	.2	238.8	.9	64.2	1.0	70.8	1.1	40.3	2.1
06:00	.2	250.8	.9	91.7	1.2	71.0	1.4	45.3	1.8
06:15	.3	271.3	.3	131.3	.7	82.8	1.0	46.8	1.5
06:30	.3	285.7	.7	249.2	.6	85.3	.9	40.6	1.1
06:45	.3	288.8	.2	9.0	1.0	77.5	1.2	47.7	1.4
07:00	.3	300.2	.3	48.1	.9	79.5	1.4	52.8	1.4
07:15	.2	319.0	.1	66.7	.8	63.8	1.5	52.8	1.7
07:30	.1	300.1	.2	154.3	.6	43.1	1.3	55.1	1.7
07:45	.1	257.3	.3	133.4	.7	65.0	1.3	69.0	2.4
08:00	.2	258.2	.5	110.6	1.2	71.5	1.7	74.0	3.3
08:15	.3	268.2	.8	98.0	1.2	77.3	2.1	69.6	3.5
08:30	.2	277.8	.6	98.1	1.1	78.8	2.3	75.5	3.5
08:45	.1	69.2	.5	105.4	1.1	67.7	2.3	83.0	3.3
09:00	.1	55.7	.6	106.1	.9	62.9	1.9	73.6	3.2
09:15	.1	51.6	.3	132.7	.7	69.9	1.5	72.2	2.5
09:30	.1	53.8	.3	198.2	.6	70.3	1.4	74.1	1.8
09:45	.1	237.4	.3	191.0	.6	53.0	1.1	55.0	1.3
10:00	.4	255.5	.2	142.7	.4	67.0	.8	46.0	.7
10:15	.2	266.6	.3	79.9	.4	92.4	.7	82.3	.6
10:30	.1	99.6	.4	72.3	.4	71.8	.5	84.7	.4
10:45	.2	57.3	.4	67.4	.4	68.2	.6	64.4	.3
11:00	.2	55.3	.7	74.8	.7	79.4	.6	69.8	.3
11:15	.1	9.0	.7	63.4	.4	79.0	.3	150.1	.4
11:30	.1	3.9	.3	66.9	.3	164.4	.6	192.1	.8
11:45	.0	331.8	.1	200.8	.6	208.8	1.1	220.0	1.2
12:00	.2	223.3	.4	244.6	.6	245.1	1.1	247.6	1.5
12:15	.2	220.1	.4	238.1	.6	253.5	.9	260.5	1.3
12:30	.1	152.8	.5	256.5	.8	256.7	1.1	254.5	1.7



## Daily Summary Report

Site: ORNL Sodar

5/11/2019

Interval: 015m

	13_WDir240m	14_WS300m	15_WDir300m	16_WS400m	17_WDir400m	18_WS500m	19_WDir500m	20_WS600m	21_WDir600m
Time	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	20.0	1.2	20.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:15	358.2	1.0	350.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:30	302.1	.6	325.3	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:45	291.4	.5	339.1	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:00	292.1	1.2	90.8	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:15	82.5	2.7	84.6	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:30	83.0	3.0	82.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:45	90.0	4.0	80.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:00	86.7	5.0	78.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:15	84.1	6.7	77.2	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:30	85.5	6.6	78.6	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:45	84.3	5.5	87.6	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:00	83.3	3.4	96.3	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:15	90.0	4.2	90.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:30	80.8	5.0	85.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:45	92.0	6.1	92.9	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:00	85.5	8.5	93.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:15	80.2	8.1	94.1	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:30	66.4	4.0	91.1	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:45	65.0	3.9	89.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:00	63.0	3.9	86.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:15	62.0	3.8	83.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:30	61.0	3.7	78.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:45	60.9	3.6	71.3	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:00	59.2	2.2	87.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:15	60.6	2.0	65.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:30	78.0	1.5	45.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:45	79.0	.8	28.6	2.8	82.6	3.2	99.0	-999.9	-999.9
07:00	76.5	1.6	87.0	2.8	98.0	2.3	120.5	-999.9	-999.9
07:15	92.1	1.6	97.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:30	85.0	1.7	106.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:45	76.2	2.3	93.5	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:00	74.6	3.0	88.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:15	69.3	3.9	84.1	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:30	71.2	3.8	86.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:45	77.7	3.5	88.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:00	81.6	3.3	90.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:15	85.5	3.0	92.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:30	85.5	2.4	94.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:45	91.3	1.6	90.9	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:00	111.2	.8	67.3	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:15	120.0	.5	98.3	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:30	126.5	.3	145.1	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:45	95.0	.2	340.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:00	92.4	.6	270.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:15	180.5	1.1	186.6	3.6	188.7	-999.9	-999.9	-999.9	-999.9
11:30	196.1	1.2	208.7	3.6	198.1	5.4	210.6	-999.9	-999.9
11:45	223.0	1.6	220.6	4.1	208.8	7.8	215.8	-999.9	-999.9
12:00	233.1	2.5	209.1	5.2	208.7	8.4	213.9	-999.9	-999.9
12:15	236.4	2.7	209.7	4.8	212.9	8.3	212.0	-999.9	-999.9
12:30	238.7	2.0	223.9	5.0	210.0	8.0	211.0	-999.9	-999.9



## Daily Summary Report

Site: ORNL Sodar

5/11/2019

Interval: 015m

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Time	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
12:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
12:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
12:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Time	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
13:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
13:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
13:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
13:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
14:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
14:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
14:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
14:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:15	11.8	223.2	12.5	223.4	13.4	227.4
16:30	12.0	226.6	13.8	226.5	14.0	229.7
16:45	12.6	227.9	13.0	231.0	14.2	229.6
17:00	10.0	236.0	11.3	234.0	13.2	226.6
17:15	11.0	228.0	12.5	227.0	14.1	226.3
17:30	12.0	231.6	13.0	228.0	-999.9	-999.9
17:45	12.4	228.3	13.2	230.5	-999.9	-999.9
18:00	12.5	220.8	11.4	226.9	-999.9	-999.9
18:15	12.6	221.0	-999.9	-999.9	-999.9	-999.9
18:30	12.7	221.0	-999.9	-999.9	-999.9	-999.9
18:45	12.8	221.0	-999.9	-999.9	-999.9	-999.9
19:00	12.9	221.0	-999.9	-999.9	-999.9	-999.9
19:15	13.0	221.0	-999.9	-999.9	-999.9	-999.9
19:30	13.1	221.0	-999.9	-999.9	-999.9	-999.9
19:45	13.2	221.0	-999.9	-999.9	-999.9	-999.9
20:00	13.3	221.0	-999.9	-999.9	-999.9	-999.9
20:15	13.4	221.0	-999.9	-999.9	-999.9	-999.9
20:30	13.5	221.0	-999.9	-999.9	-999.9	-999.9
20:45	13.6	221.0	-999.9	-999.9	-999.9	-999.9
21:00	13.7	221.0	-999.9	-999.9	-999.9	-999.9
21:15	13.8	221.0	-999.9	-999.9	-999.9	-999.9
21:30	13.9	221.0	-999.9	-999.9	-999.9	-999.9
21:45	14.0	221.0	-999.9	-999.9	-999.9	-999.9
22:00	14.1	221.0	-999.9	-999.9	-999.9	-999.9
22:15	14.2	221.0	-999.9	-999.9	-999.9	-999.9
22:30	14.3	221.0	-999.9	-999.9	-999.9	-999.9
22:45	14.4	221.0	-999.9	-999.9	-999.9	-999.9
23:00	14.5	221.0	-999.9	-999.9	-999.9	-999.9
23:15	14.6	221.0	-999.9	-999.9	-999.9	-999.9
23:30	14.7	221.0	-999.9	-999.9	-999.9	-999.9
23:45	14.8	221.0	-999.9	-999.9	-999.9	-999.9
<b>Avg</b>	<b>-672.8</b>	<b>106.0</b>	<b>-915.5</b>	<b>84.0</b>	<b>-947.1</b>	<b>83.0</b>
<b>Max</b>	<b>14.8</b>	<b>236.0</b>	<b>13.8</b>	<b>234.0</b>	<b>14.2</b>	<b>229.7</b>
<b>Max Time</b>	<b>23:45</b>	<b>17:00</b>	<b>16:30</b>	<b>17:00</b>	<b>16:45</b>	<b>16:30</b>
<b>Min</b>	<b>-999.9</b>	<b>-999.9</b>	<b>-999.9</b>	<b>-999.9</b>	<b>-999.9</b>	<b>-999.9</b>
<b>Count</b>	<b>96</b>	<b>96</b>	<b>96</b>	<b>96</b>	<b>96</b>	<b>96</b>
<b>Total</b>						