

## Daily Summary Report

Site: ORNL Sodar

6/12/2019

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	3.0	52.0	5.1	57.8	6.8	52.8	8.6	51.0	11.0
00:15	3.0	50.0	4.8	55.0	6.7	50.9	8.6	49.7	11.0
00:30	3.0	42.0	4.6	50.4	6.0	47.6	8.0	47.4	10.2
00:45	3.0	42.0	4.1	47.7	5.5	45.8	7.5	44.9	9.5
01:00	2.4	58.6	3.9	49.8	5.7	47.3	7.3	44.5	9.1
01:15	2.0	319.9	4.3	51.3	5.8	51.4	7.3	48.7	9.1
01:30	1.9	314.3	4.2	50.4	5.8	50.4	7.3	49.5	9.1
01:45	1.0	33.9	4.0	49.0	5.8	48.3	7.4	45.5	8.9
02:00	2.5	53.0	4.0	49.7	5.2	50.4	6.7	47.1	8.3
02:15	2.1	80.2	3.6	56.6	4.3	52.7	5.7	51.0	7.6
02:30	1.9	82.9	3.1	63.3	4.2	54.9	5.3	52.2	7.1
02:45	.1	11.5	2.8	64.0	4.0	59.6	5.0	53.1	6.8
03:00	.6	74.6	3.0	62.5	4.0	58.1	5.2	53.0	6.9
03:15	.9	73.5	2.9	59.8	3.9	56.8	5.4	51.6	7.0
03:30	.9	68.8	2.5	56.1	3.9	55.1	5.1	48.8	6.6
03:45	2.2	78.6	2.4	58.4	3.9	55.5	5.0	52.6	6.1
04:00	3.0	73.6	2.9	53.6	3.9	53.6	5.2	52.5	6.0
04:15	2.4	67.8	3.0	50.2	4.1	49.5	5.2	48.3	5.7
04:30	2.1	75.8	2.8	61.5	4.0	52.8	5.1	49.3	5.3
04:45	1.9	75.9	2.9	65.1	4.0	54.8	5.1	53.2	5.0
05:00	1.6	80.4	2.8	65.7	4.1	59.4	5.3	59.3	4.7
05:15	2.3	85.3	2.5	72.7	4.4	64.7	5.3	63.0	4.7
05:30	2.2	79.5	2.4	71.0	4.5	62.8	5.4	60.3	4.7
05:45	.9	66.0	1.8	68.4	3.5	60.6	4.9	56.5	4.4
06:00	.3	65.2	1.6	75.3	2.9	60.9	4.2	57.7	4.1
06:15	.5	78.9	1.7	72.7	2.8	61.4	3.9	59.0	3.7
06:30	.9	77.2	2.1	59.4	3.5	61.3	4.2	61.4	3.3
06:45	1.2	75.1	3.3	63.7	4.6	63.7	5.0	67.6	3.9
07:00	1.5	70.5	3.3	69.2	4.6	66.9	5.3	68.5	4.6
07:15	1.5	69.4	2.6	72.8	3.4	69.5	4.4	73.3	4.0
07:30	1.2	82.4	1.8	82.2	2.4	77.7	3.4	87.9	3.8
07:45	1.0	80.6	1.4	74.9	2.2	74.9	3.1	93.7	3.6
08:00	.6	55.3	1.5	65.5	2.3	74.7	3.0	92.6	3.2
08:15	.2	354.4	1.5	68.9	2.3	74.1	2.9	82.6	2.8
08:30	.2	336.9	1.5	76.9	2.3	69.6	3.2	74.6	2.8
08:45	.2	358.3	2.1	79.5	2.3	74.2	3.1	75.7	2.9
09:00	.4	61.1	2.4	73.6	2.5	78.6	3.3	78.9	3.0
09:15	.7	82.7	2.2	67.4	2.9	75.3	4.0	79.1	3.7
09:30	.9	89.9	2.3	67.1	3.4	73.3	4.7	76.5	4.0
09:45	.9	85.1	2.5	72.2	3.4	72.2	5.1	75.6	4.6
10:00	.8	81.5	2.3	73.0	3.0	73.9	4.8	73.4	5.3
10:15	1.1	86.9	2.2	67.6	3.0	72.3	4.4	71.2	5.5
10:30	1.3	90.3	2.0	62.8	3.0	72.3	4.2	72.2	5.2
10:45	1.6	85.5	2.6	68.0	3.4	73.5	3.8	68.6	4.2
11:00	1.5	75.2	2.3	60.2	2.8	64.3	2.5	63.4	3.2
11:15	1.7	76.0	2.1	59.5	2.5	63.6	2.5	67.7	3.0
11:30	2.6	84.5	3.1	76.9	3.1	72.8	3.6	68.0	3.5
11:45	2.9	86.5	3.0	74.6	3.5	76.4	3.8	73.1	3.9
12:00	2.5	78.3	3.1	71.2	3.5	78.0	3.6	80.0	4.2
12:15	2.2	56.8	3.3	55.9	3.2	60.1	3.4	64.7	3.9
12:30	2.0	53.2	3.6	53.4	3.6	56.2	4.0	65.2	3.7



## Daily Summary Report

Site: ORNL Sodar

6/12/2019

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	51.6	13.0	55.9	13.7	60.5	12.0	66.0	11.0	78.0
00:15	51.1	12.9	54.9	14.7	59.6	11.5	70.0	10.5	82.0
00:30	49.6	12.3	54.2	14.3	56.0	11.0	73.0	10.0	85.0
00:45	47.0	11.1	53.9	12.7	60.1	11.0	77.0	10.0	80.0
01:00	47.6	10.1	54.3	11.2	66.8	10.6	81.3	9.5	96.1
01:15	51.8	10.2	56.4	10.8	69.5	10.3	85.6	7.6	104.1
01:30	51.8	10.4	56.7	10.8	68.8	9.9	85.8	6.4	108.9
01:45	48.2	10.2	54.4	10.7	65.2	9.6	84.6	6.2	107.0
02:00	47.8	9.8	52.8	9.8	68.1	8.6	88.2	5.9	112.5
02:15	49.0	9.2	52.5	8.6	71.0	7.8	93.8	6.2	119.4
02:30	51.2	8.7	55.0	8.0	75.6	7.4	99.7	6.5	128.6
02:45	53.7	8.0	58.2	8.0	80.4	7.1	106.4	6.8	135.2
03:00	50.2	7.5	59.3	7.6	82.4	6.6	112.4	7.3	140.1
03:15	48.2	7.3	61.2	7.0	85.7	6.0	116.9	7.8	142.9
03:30	50.4	6.6	65.1	6.2	95.1	6.1	130.1	8.4	145.1
03:45	56.6	5.6	74.1	5.5	110.7	6.9	147.3	9.8	153.6
04:00	57.4	5.4	75.5	5.0	122.5	7.3	153.3	10.8	157.8
04:15	58.8	5.1	74.6	4.6	130.1	7.9	156.5	11.2	157.3
04:30	60.2	4.5	78.4	4.6	138.4	8.2	159.9	11.4	155.5
04:45	63.8	4.0	83.3	4.7	144.2	8.0	160.0	11.7	150.9
05:00	70.5	3.5	94.6	4.9	152.6	8.0	161.4	12.7	148.2
05:15	77.6	3.6	101.8	5.0	154.1	8.1	163.7	12.0	152.0
05:30	77.0	3.6	100.5	4.7	147.5	7.9	157.0	11.2	155.2
05:45	72.3	3.6	93.1	4.4	146.3	7.9	156.6	-999.9	-999.9
06:00	70.7	3.6	89.6	4.9	142.4	8.2	163.8	-999.9	-999.9
06:15	70.4	3.1	93.8	4.5	141.6	7.2	153.0	-999.9	-999.9
06:30	76.1	2.7	106.5	3.8	149.8	6.4	144.5	-999.9	-999.9
06:45	84.7	3.6	106.7	4.6	140.4	6.3	141.0	-999.9	-999.9
07:00	80.9	4.3	103.8	5.4	134.1	6.3	138.0	-999.9	-999.9
07:15	92.6	4.2	120.6	6.8	148.4	6.3	135.0	-999.9	-999.9
07:30	118.9	5.0	142.3	7.6	153.6	6.3	132.0	-999.9	-999.9
07:45	123.0	4.5	146.6	7.2	148.7	6.3	130.0	-999.9	-999.9
08:00	105.8	2.6	112.6	6.4	140.0	6.3	128.0	-999.9	-999.9
08:15	91.1	3.2	110.5	4.5	117.8	6.3	126.0	-999.9	-999.9
08:30	85.7	3.0	115.8	4.0	131.3	6.3	124.0	-999.9	-999.9
08:45	86.6	2.6	103.8	3.3	125.8	6.3	122.0	-999.9	-999.9
09:00	84.3	3.4	97.0	4.1	119.1	6.2	121.7	-999.9	-999.9
09:15	79.4	3.8	89.7	4.7	115.9	6.5	115.0	-999.9	-999.9
09:30	78.4	4.3	88.5	5.9	106.5	6.8	112.0	-999.9	-999.9
09:45	74.3	4.6	83.3	6.5	105.1	7.0	108.0	-999.9	-999.9
10:00	74.0	5.1	80.2	6.8	100.1	7.3	104.0	-999.9	-999.9
10:15	74.7	6.2	85.0	7.4	100.7	7.5	100.0	-999.9	-999.9
10:30	75.6	6.5	83.9	7.3	99.2	7.8	98.0	-999.9	-999.9
10:45	72.5	5.6	73.7	7.4	89.8	8.0	95.0	-999.9	-999.9
11:00	71.6	4.5	67.5	6.5	79.3	8.0	93.0	-999.9	-999.9
11:15	75.5	3.8	74.2	5.7	79.7	8.1	91.8	-999.9	-999.9
11:30	73.1	4.0	72.1	6.0	83.0	8.7	95.7	-999.9	-999.9
11:45	76.7	4.7	78.1	6.3	85.3	8.5	96.9	-999.9	-999.9
12:00	86.3	5.5	86.8	6.4	89.9	7.9	100.5	8.6	112.6
12:15	78.2	4.5	80.1	5.2	89.4	6.1	99.4	7.8	119.0
12:30	76.6	4.5	77.9	4.4	88.0	5.0	97.7	7.6	118.3



## Daily Summary Report

Site: ORNL Sodar

6/12/2019

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	7.2	121.8	9.3	141.0	-999.9	-999.9
01:15	7.1	127.5	9.7	138.6	-999.9	-999.9
01:30	7.4	137.1	10.3	138.0	-999.9	-999.9
01:45	6.9	137.0	10.9	138.5	-999.9	-999.9
02:00	8.2	140.0	10.4	136.1	-999.9	-999.9
02:15	8.8	141.3	10.2	137.2	-999.9	-999.9
02:30	9.8	140.8	11.0	138.0	-999.9	-999.9
02:45	11.1	139.6	11.0	138.0	-999.9	-999.9
03:00	10.8	141.6	11.0	138.0	-999.9	-999.9
03:15	10.8	141.4	11.0	138.0	-999.9	-999.9
03:30	11.8	135.8	11.0	138.0	-999.9	-999.9
03:45	-999.9	-999.9	11.0	138.0	-999.9	-999.9
04:00	-999.9	-999.9	11.0	138.0	-999.9	-999.9
04:15	-999.9	-999.9	11.0	138.0	-999.9	-999.9
04:30	-999.9	-999.9	11.0	138.0	-999.9	-999.9
04:45	-999.9	-999.9	11.0	138.0	-999.9	-999.9
05:00	-999.9	-999.9	11.0	138.0	-999.9	-999.9
05:15	-999.9	-999.9	11.0	138.0	-999.9	-999.9
05:30	-999.9	-999.9	11.0	138.0	-999.9	-999.9
05:45	-999.9	-999.9	11.0	138.0	-999.9	-999.9
06:00	-999.9	-999.9	11.0	138.0	-999.9	-999.9
06:15	-999.9	-999.9	11.0	138.0	-999.9	-999.9
06:30	-999.9	-999.9	11.0	138.0	-999.9	-999.9
06:45	-999.9	-999.9	11.0	138.0	-999.9	-999.9
07:00	-999.9	-999.9	11.0	138.0	-999.9	-999.9
07:15	-999.9	-999.9	11.0	138.0	-999.9	-999.9
07:30	-999.9	-999.9	11.0	138.0	-999.9	-999.9
07:45	-999.9	-999.9	11.0	138.0	-999.9	-999.9
08:00	-999.9	-999.9	11.0	138.0	-999.9	-999.9
08:15	-999.9	-999.9	11.0	138.0	-999.9	-999.9
08:30	-999.9	-999.9	11.0	138.0	-999.9	-999.9
08:45	-999.9	-999.9	11.0	138.0	-999.9	-999.9
09:00	-999.9	-999.9	11.0	138.0	-999.9	-999.9
09:15	-999.9	-999.9	11.0	138.0	-999.9	-999.9
09:30	-999.9	-999.9	11.0	138.0	-999.9	-999.9
09:45	-999.9	-999.9	11.0	138.0	-999.9	-999.9
10:00	-999.9	-999.9	11.0	138.0	-999.9	-999.9
10:15	-999.9	-999.9	11.0	138.0	-999.9	-999.9
10:30	-999.9	-999.9	11.0	138.0	-999.9	-999.9
10:45	-999.9	-999.9	11.0	138.0	-999.9	-999.9
11:00	-999.9	-999.9	11.0	138.0	-999.9	-999.9
11:15	-999.9	-999.9	11.0	138.0	-999.9	-999.9
11:30	-999.9	-999.9	11.0	138.0	-999.9	-999.9
11:45	-999.9	-999.9	11.0	138.0	-999.9	-999.9
12:00	-999.9	-999.9	11.0	138.0	-999.9	-999.9
12:15	-999.9	-999.9	11.0	138.0	-999.9	-999.9
12:30	10.3	127.6	11.0	138.0	-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	10.5	129.0	11.0	138.0	-999.9	-999.9
13:00	10.5	132.0	11.0	138.0	-999.9	-999.9
13:15	10.5	134.0	11.0	138.0	-999.9	-999.9
13:30	10.5	137.0	11.0	138.0	-999.9	-999.9
13:45	10.5	139.0	11.0	138.0	-999.9	-999.9
14:00	10.8	141.2	11.5	140.4	-999.9	-999.9
14:15	11.1	140.6	12.3	141.7	-999.9	-999.9
14:30	12.5	136.0	13.6	134.1	-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	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:30	12.3	211.8	-999.9	-999.9	-999.9	-999.9
20:45	12.6	216.0	14.9	226.7	-999.9	-999.9
21:00	15.2	218.9	15.8	231.0	-999.9	-999.9
21:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
23:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
23:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
23:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
23:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
<b>Avg</b>	-757.9	94.0	-399.6	116.0	-999.9	81.0
<b>Max</b>	15.2	218.9	15.8	231.0	-999.9	-999.9
<b>Max Time</b>	21:00	21:00	21:00	21:00	23:45	23:45
<b>Min</b>	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
<b>Count</b>	96	96	96	96	96	96
<b>Total</b>						