

## Daily Summary Report

Site: ORNL Sodar

6/5/2019

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	1.3	243.2	3.2	233.8	3.7	241.5	4.7	237.6	4.4
00:15	1.7	245.9	2.9	227.7	4.3	236.0	5.9	230.9	6.4
00:30	2.1	249.8	3.0	220.1	4.5	231.0	6.1	227.8	7.1
00:45	1.9	251.2	3.2	226.0	4.5	232.6	5.7	228.7	6.6
01:00	2.0	254.5	3.6	230.9	4.2	237.8	5.3	234.2	6.2
01:15	2.3	259.1	3.5	229.7	4.4	244.6	6.1	238.9	7.2
01:30	2.9	256.6	3.9	233.4	5.4	245.4	7.3	238.9	9.1
01:45	3.4	252.1	4.6	239.1	6.1	245.0	8.0	237.2	9.9
02:00	4.6	258.4	4.8	243.1	6.3	244.9	7.9	235.6	9.6
02:15	2.7	258.7	4.3	246.6	5.6	245.0	6.9	235.5	9.3
02:30	1.7	256.0	3.4	250.3	4.5	249.5	6.0	238.8	8.6
02:45	2.1	256.7	3.1	253.5	4.7	253.0	6.2	240.7	8.1
03:00	2.9	257.6	3.9	255.3	5.5	248.8	7.0	238.6	8.7
03:15	2.8	253.6	4.4	255.6	5.8	246.8	6.9	238.9	8.5
03:30	3.0	256.2	4.3	251.0	5.6	247.6	6.5	239.1	7.8
03:45	2.6	253.4	4.2	244.8	5.6	247.1	6.4	236.6	7.8
04:00	2.3	252.8	4.0	243.9	5.6	245.5	6.4	235.2	7.7
04:15	2.5	257.0	3.9	246.4	5.3	246.6	6.4	238.0	7.4
04:30	2.1	254.3	3.7	253.9	4.8	247.3	6.1	238.4	6.9
04:45	2.6	261.7	3.4	264.0	4.5	251.6	6.1	242.4	6.8
05:00	2.2	267.8	3.0	266.7	4.3	256.5	6.0	247.1	6.8
05:15	1.4	271.0	2.9	259.4	4.2	252.5	5.8	246.1	6.8
05:30	1.0	257.0	2.5	259.9	4.1	250.8	5.5	245.2	6.8
05:45	1.4	265.4	1.6	263.1	3.6	253.1	4.9	246.3	6.3
06:00	1.1	266.9	1.1	258.2	3.5	250.4	5.1	246.1	6.2
06:15	.3	272.6	1.1	268.3	2.8	249.6	4.6	243.0	5.5
06:30	.1	300.1	1.5	282.3	2.4	262.1	3.6	245.6	5.1
06:45	.4	259.1	1.6	277.8	2.5	264.0	3.3	249.5	5.4
07:00	.3	266.3	1.5	266.1	2.1	263.6	3.4	249.4	4.7
07:15	.4	300.1	1.8	274.5	2.2	264.9	3.8	252.8	4.4
07:30	.7	285.9	3.8	274.9	3.9	266.6	4.9	258.1	6.5
07:45	1.0	264.8	2.8	266.7	3.2	255.2	4.3	245.7	4.8
08:00	.3	300.5	1.0	254.7	2.2	236.3	3.8	232.9	4.6
08:15	.3	301.8	.4	265.0	2.3	235.3	3.9	238.8	5.2
08:30	.2	288.8	.1	269.8	2.2	238.5	3.9	249.6	4.9
08:45	.2	284.6	.6	263.5	2.0	240.0	3.5	243.0	4.5
09:00	.4	277.2	1.7	275.7	2.6	260.5	3.7	253.8	5.0
09:15	.4	298.2	1.9	302.1	2.3	279.1	3.0	266.5	4.0
09:30	.5	344.7	1.4	333.6	1.0	296.2	1.3	258.2	1.9
09:45	.5	359.4	1.1	352.1	.7	321.9	.7	242.6	1.6
10:00	.4	17.5	1.1	357.5	.8	354.7	.2	270.6	1.1
10:15	.1	38.5	.5	357.5	.5	19.2	.2	83.3	.7
10:30	.1	186.0	.3	159.6	.3	147.4	.6	174.7	1.6
10:45	.1	179.8	.5	245.1	.9	268.9	1.4	258.0	2.0
11:00	.2	321.3	1.1	331.7	2.8	327.3	3.4	318.1	3.2
11:15	.1	340.7	1.0	14.3	1.6	333.4	2.2	322.6	2.4
11:30	.3	120.4	.7	94.7	.2	28.1	.5	283.3	1.2
11:45	.5	108.7	.9	116.1	.7	118.7	.7	182.6	1.0
12:00	.6	106.9	1.0	111.1	.7	112.6	.8	152.1	1.3
12:15	.5	108.0	.8	95.1	.7	90.7	1.0	110.4	1.5
12:30	.3	79.4	.5	55.4	.8	80.7	1.1	95.0	1.0



## Daily Summary Report

Site: ORNL Sodar

6/5/2019

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	244.2	1.6	250.5	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:15	233.9	3.3	245.3	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:30	229.1	8.4	222.1	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:45	233.1	6.4	241.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:00	233.5	4.7	237.2	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:15	231.6	6.5	202.8	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:30	232.9	8.4	213.6	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:45	231.0	11.0	222.5	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:00	227.7	12.7	222.1	15.1	215.5	-999.9	-999.9	-999.9	-999.9
02:15	226.4	11.5	219.2	15.0	212.0	-999.9	-999.9	-999.9	-999.9
02:30	227.4	9.9	220.4	14.0	210.0	-999.9	-999.9	-999.9	-999.9
02:45	225.8	9.1	218.3	13.0	208.0	-999.9	-999.9	-999.9	-999.9
03:00	223.7	10.3	213.4	12.2	205.6	-999.9	-999.9	-999.9	-999.9
03:15	226.6	10.2	214.2	11.5	208.7	-999.9	-999.9	-999.9	-999.9
03:30	225.9	9.5	210.7	11.4	208.5	-999.9	-999.9	-999.9	-999.9
03:45	224.0	9.4	208.3	12.0	203.8	-999.9	-999.9	-999.9	-999.9
04:00	222.4	9.1	208.6	12.6	201.3	-999.9	-999.9	-999.9	-999.9
04:15	220.8	8.8	207.8	12.5	200.0	-999.9	-999.9	-999.9	-999.9
04:30	223.2	8.4	207.0	11.5	199.1	-999.9	-999.9	-999.9	-999.9
04:45	230.5	8.1	213.0	10.6	202.3	13.0	203.9	-999.9	-999.9
05:00	232.9	7.7	216.6	10.4	203.2	13.0	203.0	-999.9	-999.9
05:15	231.7	7.3	216.1	10.1	203.8	14.1	202.9	-999.9	-999.9
05:30	233.2	7.7	218.3	9.5	205.8	13.7	203.2	-999.9	-999.9
05:45	231.0	7.5	216.2	9.4	206.2	13.2	204.0	-999.9	-999.9
06:00	232.2	7.8	213.7	10.9	203.9	13.0	205.0	-999.9	-999.9
06:15	233.6	7.3	215.8	10.2	203.1	12.8	206.0	-999.9	-999.9
06:30	234.9	6.5	218.7	8.4	208.6	12.5	207.0	-999.9	-999.9
06:45	241.4	6.7	221.9	9.7	208.8	12.3	208.0	-999.9	-999.9
07:00	242.5	6.4	219.7	9.8	216.9	12.0	209.0	-999.9	-999.9
07:15	255.1	6.0	243.0	10.4	232.0	11.8	210.0	-999.9	-999.9
07:30	256.7	8.0	261.1	9.3	225.0	11.5	211.0	-999.9	-999.9
07:45	233.5	6.0	224.9	8.9	219.7	11.3	212.0	-999.9	-999.9
08:00	227.5	6.6	218.2	8.6	206.9	11.3	212.0	-999.9	-999.9
08:15	245.4	8.9	227.4	9.4	210.6	11.0	213.0	-999.9	-999.9
08:30	246.2	9.2	227.4	10.5	221.0	13.2	226.7	14.3	228.5
08:45	239.8	8.8	230.0	12.0	227.0	13.1	226.4	13.3	231.5
09:00	254.1	8.7	239.9	11.0	228.0	11.2	225.1	11.5	222.0
09:15	256.1	6.3	237.4	11.0	227.1	12.3	229.0	12.7	222.0
09:30	233.3	4.3	227.5	9.5	226.7	12.0	229.0	14.0	231.0
09:45	212.4	3.8	219.9	8.0	225.4	11.7	224.0	13.0	225.0
10:00	201.0	3.1	216.7	6.9	222.1	11.3	218.8	11.7	218.5
10:15	205.8	2.8	216.5	6.6	219.6	10.1	216.1	12.4	218.1
10:30	202.8	3.9	206.2	7.1	207.5	9.6	210.5	12.9	214.8
10:45	231.0	4.4	214.9	8.2	207.5	9.9	214.3	12.8	214.8
11:00	317.7	3.3	295.5	8.0	211.0	9.8	215.0	12.9	216.0
11:15	313.4	2.9	268.5	7.0	215.0	9.7	215.0	12.9	219.0
11:30	264.6	2.6	241.9	6.0	219.8	9.6	215.0	12.9	222.0
11:45	228.2	2.8	208.3	6.5	209.6	9.6	215.3	12.9	225.6
12:00	209.4	3.3	200.5	7.7	210.0	10.3	216.5	12.8	223.5
12:15	179.7	3.3	197.7	8.0	211.0	11.7	218.2	12.5	222.5
12:30	167.1	2.7	203.1	7.4	210.0	11.0	217.0	12.7	221.5



## Daily Summary Report

Site: ORNL Sodar

6/5/2019

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	13.7	222.1	-999.9	-999.9	-999.9	-999.9
09:15	13.5	222.0	-999.9	-999.9	-999.9	-999.9
09:30	13.4	222.0	-999.9	-999.9	-999.9	-999.9
09:45	13.4	222.0	-999.9	-999.9	-999.9	-999.9
10:00	13.3	222.6	13.3	220.7	-999.9	-999.9
10:15	13.5	222.2	14.1	216.4	-999.9	-999.9
10:30	14.6	219.6	14.2	216.5	-999.9	-999.9
10:45	14.6	220.5	13.7	219.0	13.8	223.8
11:00	14.0	221.0	14.0	222.0	13.5	223.0
11:15	13.5	221.0	14.0	224.0	13.5	223.0
11:30	13.0	221.0	14.0	226.0	13.5	223.0
11:45	12.8	221.2	14.3	228.0	13.2	222.2
12:00	13.8	226.2	13.4	226.5	12.7	227.7
12:15	13.5	223.2	12.9	224.0	13.2	226.6
12:30	12.3	218.0	13.5	225.0	15.9	230.5

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Time	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	11.7	219.6	15.0	224.1	15.6	231.1
13:00	12.0	218.6	14.5	227.0	-999.9	-999.9
13:15	12.3	220.0	14.5	227.0	-999.9	-999.9
13:30	12.3	220.0	14.5	227.0	-999.9	-999.9
13:45	12.3	220.0	14.5	227.0	-999.9	-999.9
14:00	12.5	220.0	14.5	227.0	-999.9	-999.9
14:15	12.5	220.0	14.5	227.0	-999.9	-999.9
14:30	12.8	220.0	14.5	227.0	-999.9	-999.9
14:45	13.0	220.0	14.5	227.0	-999.9	-999.9
15:00	13.0	220.0	14.5	227.0	-999.9	-999.9
15:15	13.3	220.0	14.5	227.0	-999.9	-999.9
15:30	13.3	220.0	14.5	227.0	-999.9	-999.9
15:45	13.5	220.0	14.5	227.0	-999.9	-999.9
16:00	13.5	220.0	14.5	227.0	-999.9	-999.9
16:15	13.8	220.0	14.5	227.0	-999.9	-999.9
16:30	13.8	220.0	14.5	227.0	-999.9	-999.9
16:45	14.0	220.0	14.0	227.0	-999.9	-999.9
17:00	14.0	220.0	14.0	227.0	-999.9	-999.9
17:15	14.0	220.0	14.0	227.0	-999.9	-999.9
17:30	14.0	220.0	14.0	227.0	-999.9	-999.9
17:45	14.0	220.0	14.0	227.0	-999.9	-999.9
18:00	14.0	220.0	14.0	227.0	-999.9	-999.9
18:15	14.0	220.0	14.0	227.0	-999.9	-999.9
18:30	14.0	220.0	14.0	227.0	-999.9	-999.9
18:45	14.0	220.0	14.0	227.0	-999.9	-999.9
19:00	14.0	220.0	14.0	227.0	-999.9	-999.9
19:15	14.4	222.2	14.0	227.0	-999.9	-999.9
19:30	15.5	227.0	13.5	227.0	-999.9	-999.9
19:45	14.6	228.6	13.5	227.0	-999.9	-999.9
20:00	15.5	227.4	13.5	227.0	-999.9	-999.9
20:15	17.0	225.7	13.5	227.0	-999.9	-999.9
20:30	15.4	222.5	13.5	227.0	-999.9	-999.9
20:45	15.0	223.1	13.5	227.0	-999.9	-999.9
21:00	14.5	224.0	13.5	227.0	-999.9	-999.9
21:15	14.5	224.0	13.5	227.0	-999.9	-999.9
21:30	14.0	224.0	13.5	227.0	-999.9	-999.9
21:45	14.0	224.8	13.4	230.0	-999.9	-999.9
22:00	13.5	225.0	13.5	227.2	-999.9	-999.9
22:15	13.6	226.0	13.6	227.0	-999.9	-999.9
22:30	13.7	227.0	13.6	227.0	-999.9	-999.9
22:45	13.8	228.0	13.6	227.0	-999.9	-999.9
23:00	13.9	228.5	13.6	227.0	-999.9	-999.9
23:15	13.7	229.0	13.6	227.0	-999.9	-999.9
23:30	13.7	229.0	13.6	227.0	-999.9	-999.9
23:45	13.7	229.0	13.6	227.0	-999.9	-999.9
<b>Avg</b>	-366.4	187.0	-408.5	181.0	-904.9	85.0
<b>Max</b>	17.0	229.0	15.0	230.0	15.9	231.1
<b>Max Time</b>	20:15	23:45	12:45	21:45	12:30	12:45
<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>						