

## Daily Summary Report

Site: ORNL Sodar

4/28/2018

Interval: 015m

	04_WS060m	05_WDir060m	06_WS100m	07_WDir100m	08_WS140m	09_WDir140m	10_WS180m	11_WDir180m	12_WS240m
Hour	M/SEC	DEG	M/SEC	DEG	KPH	DEG	M/SEC	DEG	M/SEC
00:00	.7	209.6	1.1	243.1	1.9	250.7	1.0	249.4	.4
00:15	.8	216.2	1.0	228.6	1.4	245.5	1.0	241.0	.5
00:30	.6	231.1	1.2	230.8	1.2	240.0	.9	237.2	.3
00:45	.4	207.6	1.3	232.3	1.4	244.4	1.3	247.4	.2
01:00	.5	242.6	1.5	253.7	1.9	254.9	1.8	256.7	.3
01:15	.8	273.4	2.2	279.1	2.3	269.9	2.2	268.5	.5
01:30	.8	256.2	2.1	284.3	2.2	279.7	2.1	276.5	1.9
01:45	.5	242.6	1.7	276.6	1.9	280.7	1.6	287.2	2.3
02:00	.6	278.5	1.4	262.7	2.2	278.1	1.5	289.8	.9
02:15	.9	269.7	1.4	265.3	2.4	279.4	1.9	284.9	1.1
02:30	1.0	265.8	1.8	275.3	2.3	285.8	1.8	286.7	1.2
02:45	1.0	263.1	2.2	275.7	2.2	282.2	2.2	286.9	.7
03:00	1.3	262.9	2.6	275.5	2.0	281.2	2.0	288.6	.6
03:15	1.5	266.2	2.4	277.7	2.5	287.8	2.4	296.1	.6
03:30	1.6	269.5	1.9	277.8	3.0	287.9	3.2	298.9	.7
03:45	1.4	264.5	2.3	275.6	2.9	287.1	2.6	296.3	.9
04:00	1.2	261.3	2.6	275.3	3.3	285.2	2.7	292.5	.9
04:15	1.2	262.0	2.2	273.0	3.5	285.2	3.5	295.3	1.0
04:30	1.3	260.8	1.6	268.3	3.5	287.3	3.4	298.5	.7
04:45	1.5	255.6	1.2	261.3	3.4	284.1	3.5	295.4	.4
05:00	1.5	251.2	1.6	249.5	3.2	277.5	4.5	288.3	.8
05:15	1.5	252.2	1.8	247.1	3.2	275.6	4.5	286.6	1.7
05:30	1.6	255.6	1.9	250.4	2.9	273.1	3.8	285.4	3.4
05:45	1.6	259.4	1.8	250.4	2.6	268.0	3.5	282.2	3.8
06:00	1.0	263.7	1.3	253.8	2.4	265.2	3.1	280.5	3.2
06:15	.6	274.1	1.3	250.5	2.3	264.8	2.8	278.8	2.4
06:30	.4	282.9	1.5	240.4	2.3	265.0	2.7	276.3	1.5
06:45	.3	273.4	1.4	234.6	2.1	258.2	2.7	271.8	.9
07:00	.2	245.4	1.6	236.6	2.2	245.7	2.9	258.3	.8
07:15	.3	234.9	1.7	220.7	2.3	230.1	3.3	242.8	1.8
07:30	.4	260.7	1.9	205.8	2.3	214.9	3.3	232.5	3.2
07:45	.3	275.4	1.6	217.1	2.3	215.5	3.3	234.9	3.8
08:00	.2	36.8	1.5	211.8	2.3	220.1	3.5	242.3	4.6
08:15	.1	61.1	1.5	211.1	2.1	232.8	3.3	243.4	5.4
08:30	.5	258.5	1.3	244.4	2.0	250.4	3.1	243.0	5.6
08:45	.7	257.0	1.6	265.7	2.4	258.4	3.1	243.6	5.2
09:00	.8	259.8	1.9	269.0	2.5	259.2	3.1	242.9	4.7
09:15	.4	246.2	1.6	264.0	2.2	260.0	3.2	245.9	4.4
09:30	.9	240.9	1.6	239.9	2.1	248.5	3.1	242.1	3.9
09:45	1.1	240.2	1.9	230.2	2.3	228.7	3.1	226.9	4.0
10:00	.7	223.0	2.1	237.6	2.3	233.1	3.0	226.2	3.7
10:15	1.1	232.8	2.4	237.1	2.4	232.9	2.9	231.9	3.6
10:30	1.2	231.1	1.9	227.6	2.4	221.0	3.1	231.5	3.7
10:45	1.4	240.3	2.3	225.6	2.5	220.1	3.0	226.9	3.2
11:00	1.6	227.8	2.8	220.5	3.5	221.9	3.4	221.3	3.3
11:15	1.3	219.8	2.1	210.7	3.1	219.6	3.0	217.1	3.5
11:30	1.4	217.6	2.3	202.9	2.7	203.9	3.1	204.3	3.4
11:45	1.4	214.3	2.0	207.9	2.4	214.5	2.5	216.4	2.4
12:00	1.3	243.5	1.7	233.2	2.4	245.6	2.3	241.3	2.2
12:15	2.2	258.4	2.8	246.2	3.1	244.5	2.8	233.8	2.5



## Daily Summary Report

Site: ORNL Sodar

4/28/2018

Interval: 015m

	13_WDir240m	14_WS300m	15_WDir300m	16_WS400m	17_WDir400m	18_WS500m	19_WDir500m	20_WS600m	21_WDir600m
Hour	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	273.3	.1	212.8	.1	300.6	-999.9	-999.9	-999.9	-999.9
00:15	274.2	.3	231.2	.1	182.9	-999.9	-999.9	-999.9	-999.9
00:30	266.0	.0	139.3	.6	348.2	-999.9	-999.9	-999.9	-999.9
00:45	253.4	.0	24.5	.6	334.1	.5	11.0	-999.9	-999.9
01:00	240.6	.2	328.7	.3	243.7	.6	137.9	-999.9	-999.9
01:15	265.6	.2	307.1	.3	222.8	.4	172.5	-999.9	-999.9
01:30	271.9	1.6	266.2	.4	202.2	1.1	290.1	.5	41.7
01:45	276.3	1.9	267.8	.4	269.7	.5	317.5	.8	51.9
02:00	290.1	.8	266.6	.5	292.0	.1	173.1	.7	87.7
02:15	272.3	.6	285.2	.4	298.4	.5	172.1	.8	92.3
02:30	270.1	.4	297.8	.5	342.6	.5	314.5	-999.9	-999.9
02:45	283.6	.1	289.5	.4	346.9	.6	331.8	-999.9	-999.9
03:00	292.4	.2	356.3	.1	204.8	.3	106.2	-999.9	-999.9
03:15	291.5	.4	332.8	.2	316.5	.2	135.3	-999.9	-999.9
03:30	286.0	.3	314.9	.6	336.4	.3	270.2	1.1	295.1
03:45	286.7	.3	312.0	.3	303.9	.8	266.6	1.7	285.3
04:00	294.4	.2	332.8	.3	324.3	1.7	276.7	1.1	303.0
04:15	301.3	.3	350.9	.5	345.8	.9	278.2	-999.9	-999.9
04:30	312.7	.3	330.1	.4	343.9	.4	40.3	.1	161.5
04:45	310.1	.2	336.3	.1	313.7	.7	71.5	.5	80.9
05:00	290.6	.2	347.6	.3	290.7	.3	179.6	1.2	155.2
05:15	280.3	.1	334.8	.4	331.3	.3	285.2	-999.9	-999.9
05:30	279.3	1.5	278.6	.8	312.5	.2	54.2	-999.9	-999.9
05:45	279.9	3.3	276.2	1.4	279.5	.7	116.6	2.8	275.1
06:00	280.7	1.7	277.3	.6	183.7	.2	322.2	-999.9	-999.9
06:15	284.8	.7	286.2	.7	180.2	.4	62.1	.6	92.5
06:30	282.8	.5	274.3	.7	182.8	.2	130.2	.4	165.2
06:45	281.8	.2	247.4	.2	221.5	.3	85.0	-999.9	-999.9
07:00	274.3	.2	253.6	.1	204.4	1.0	58.8	.8	23.7
07:15	260.3	.7	262.6	.7	180.5	.7	86.7	1.0	19.0
07:30	255.1	1.0	251.2	.6	208.8	.4	235.6	.6	319.3
07:45	252.6	1.4	241.8	.4	207.8	.8	154.0	.1	32.5
08:00	250.0	2.9	251.2	.7	284.9	.6	130.0	-999.9	-999.9
08:15	246.7	5.5	252.8	5.0	255.0	-999.9	-999.9	-999.9	-999.9
08:30	244.7	7.1	254.7	10.1	231.7	-999.9	-999.9	-999.9	-999.9
08:45	243.1	7.1	253.8	10.0	233.0	-999.9	-999.9	-999.9	-999.9
09:00	242.1	6.9	249.7	10.0	235.0	-999.9	-999.9	-999.9	-999.9
09:15	242.8	6.7	249.5	9.8	236.0	-999.9	-999.9	-999.9	-999.9
09:30	239.9	5.8	248.8	9.6	237.3	-999.9	-999.9	-999.9	-999.9
09:45	231.4	5.6	241.8	9.2	238.5	-999.9	-999.9	-999.9	-999.9
10:00	227.5	5.8	235.6	8.0	241.9	-999.9	-999.9	-999.9	-999.9
10:15	226.4	5.5	231.1	8.6	236.7	-999.9	-999.9	-999.9	-999.9
10:30	231.2	5.1	232.9	7.5	238.2	-999.9	-999.9	-999.9	-999.9
10:45	236.2	4.4	238.6	5.8	238.0	-999.9	-999.9	-999.9	-999.9
11:00	226.1	3.6	227.1	4.7	224.8	-999.9	-999.9	-999.9	-999.9
11:15	212.7	3.6	210.7	5.0	212.3	-999.9	-999.9	-999.9	-999.9
11:30	206.7	3.6	205.6	3.9	231.6	-999.9	-999.9	-999.9	-999.9
11:45	225.5	2.7	219.6	3.1	260.5	9.7	329.0	12.0	321.7
12:00	239.3	2.5	222.7	3.4	237.2	9.8	327.0	11.8	321.0
12:15	223.6	2.7	206.0	4.0	240.0	9.8	324.0	11.8	321.0



## Daily Summary Report

Site: ORNL Sodar

4/28/2018

Interval: 015m

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	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	12.8	315.6	14.0	315.8	19.1	315.3
12:00	12.9	316.0	14.5	317.0	-999.9	-999.9
12:15	13.0	316.0	14.5	317.0	-999.9	-999.9

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	13.1	316.0	14.5	317.0	-999.9	-999.9
12:45	13.2	316.0	14.5	317.0	-999.9	-999.9
13:00	13.3	316.0	14.5	317.0	-999.9	-999.9
13:15	13.5	316.0	14.5	317.0	-999.9	-999.9
13:30	13.7	316.0	14.5	317.0	-999.9	-999.9
13:45	13.9	316.0	14.5	317.0	-999.9	-999.9
14:00	14.1	316.0	14.5	317.0	-999.9	-999.9
14:15	14.3	316.0	14.5	317.0	-999.9	-999.9
14:30	14.6	316.0	14.5	317.0	-999.9	-999.9
14:45	14.8	316.0	14.5	317.0	-999.9	-999.9
15:00	15.0	316.0	14.5	317.0	-999.9	-999.9
15:15	15.2	316.0	14.5	317.0	-999.9	-999.9
15:30	15.4	316.0	14.5	317.0	-999.9	-999.9
15:45	15.6	316.0	14.5	317.0	-999.9	-999.9
16:00	15.8	316.0	14.5	317.0	-999.9	-999.9
16:15	16.0	316.0	14.5	317.0	-999.9	-999.9
16:30	16.2	316.0	14.5	317.0	-999.9	-999.9
16:45	16.4	316.0	14.5	317.0	-999.9	-999.9
17:00	16.6	316.0	14.5	317.0	-999.9	-999.9
17:15	16.9	316.0	14.5	317.0	-999.9	-999.9
17:30	17.1	316.0	14.5	317.0	-999.9	-999.9
17:45	17.3	316.0	14.5	317.0	-999.9	-999.9
18:00	17.5	316.0	14.5	317.0	-999.9	-999.9
18:15	17.7	316.0	14.5	317.0	-999.9	-999.9
18:30	17.8	316.0	14.5	317.0	-999.9	-999.9
18:45	17.9	316.0	14.5	317.0	-999.9	-999.9
19:00	18.0	316.0	14.5	317.0	-999.9	-999.9
19:15	18.1	316.0	14.5	317.0	-999.9	-999.9
19:30	18.2	316.0	14.5	317.0	-999.9	-999.9
19:45	18.8	317.2	15.4	318.3	-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	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:00	-999.9	-999.9	-999.9	-999.9	-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
Avg	-650.8	-547.6	-651.2	-547.2	-989.3	-986.2
Max	18.8	317.2	15.4	318.3	19.1	315.3
Hr. of Max	79	79	79	79	47	47
Min	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
Count	96	96	96	96	96	96
Total						