

## Daily Summary Report

Site: ORNL Sodar

1/16/2018

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	1.3	141.0	1.2	203.1	2.6	213.5	3.4	210.1	5.7
00:15	1.5	142.1	1.5	205.6	2.7	207.9	4.0	206.5	6.7
00:30	.7	76.9	1.2	221.3	2.4	220.3	3.9	216.3	5.9
00:45	.5	326.6	1.4	259.2	2.2	243.6	3.0	229.6	4.4
01:00	2.2	275.5	2.6	273.4	2.9	258.4	3.0	245.7	3.6
01:15	2.3	271.2	2.8	266.2	3.6	254.9	3.8	246.9	3.9
01:30	2.4	271.8	2.6	259.4	3.5	250.3	4.1	243.4	4.1
01:45	2.2	267.0	2.4	259.8	3.6	250.8	4.2	242.8	4.4
02:00	2.1	263.0	2.1	253.1	4.0	249.7	4.4	239.3	5.1
02:15	2.0	260.6	2.1	249.3	4.0	246.1	4.2	235.9	4.8
02:30	2.4	261.3	2.3	249.3	3.7	244.4	4.1	237.7	4.7
02:45	3.5	258.0	2.7	252.3	3.8	244.2	4.4	243.0	4.8
03:00	3.5	258.0	3.3	260.7	4.1	250.4	4.5	249.5	5.0
03:15	3.5	262.3	4.1	269.1	4.7	263.9	4.2	257.4	6.3
03:30	3.6	261.7	4.1	268.5	5.6	267.0	6.0	265.0	8.4
03:45	3.5	259.9	3.5	265.3	5.1	267.3	4.8	265.4	6.5
04:00	2.8	266.4	2.8	273.0	4.1	280.0	4.5	275.5	5.5
04:15	2.6	267.8	4.4	272.9	3.8	282.4	4.7	276.8	5.4
04:30	2.6	256.6	3.9	267.3	3.7	271.9	5.1	269.8	5.9
04:45	2.5	254.4	2.0	262.3	3.2	267.5	4.5	270.2	5.7
05:00	3.1	259.0	2.3	262.5	2.4	269.7	3.7	278.3	5.4
05:15	3.4	256.5	2.4	259.1	2.1	271.9	3.2	280.2	4.6
05:30	3.3	248.8	2.5	258.0	2.0	273.5	2.9	282.1	3.8
05:45	2.8	255.6	2.4	266.1	2.4	278.8	3.3	282.7	3.9
06:00	2.7	258.1	1.8	269.4	2.6	277.4	4.1	280.3	4.7
06:15	2.1	253.5	1.3	266.8	2.2	276.9	3.6	282.3	4.7
06:30	.8	271.3	.7	265.5	1.9	276.2	3.0	285.6	4.9
06:45	.9	280.3	1.0	272.3	2.1	281.2	3.4	286.9	4.9
07:00	1.4	273.9	1.3	270.7	2.6	287.3	3.8	292.7	4.9
07:15	2.4	265.4	1.8	271.6	3.1	289.2	4.2	296.9	5.4
07:30	2.8	259.7	1.7	272.5	3.1	290.4	4.5	297.3	5.6
07:45	2.4	258.6	.9	271.5	2.8	289.3	4.5	292.2	5.6
08:00	1.1	272.9	.6	273.0	2.6	286.0	4.9	283.7	6.2
08:15	.6	348.6	.8	271.2	2.0	290.8	4.8	288.9	6.6
08:30	.8	54.9	.5	270.2	1.2	299.6	3.3	291.7	4.8
08:45	.2	60.0	.2	219.2	.3	293.8	1.5	288.3	2.9
09:00	.8	357.0	.3	239.7	.3	305.2	.9	298.7	2.0
09:15	.6	.6	.3	257.5	.4	291.8	1.0	293.0	1.9
09:30	.7	11.5	.4	266.3	.4	277.3	.7	276.5	1.5
09:45	.4	336.5	.5	269.4	.5	279.9	.9	272.4	1.5
10:00	.1	163.1	.8	261.8	.6	273.2	1.0	272.2	1.4
10:15	.2	95.9	1.1	270.6	1.2	280.7	1.2	276.2	1.3
10:30	.5	85.5	1.3	287.0	1.6	292.5	1.5	282.6	1.2
10:45	1.2	95.3	1.4	285.4	2.0	280.5	2.1	273.4	1.8
11:00	1.9	271.0	2.0	283.6	2.6	280.2	3.0	277.1	2.9
11:15	1.9	281.6	2.3	287.2	2.9	287.4	2.9	287.0	3.0
11:30	.7	283.7	2.7	286.9	3.4	284.7	3.0	284.8	3.2
11:45	3.1	277.8	3.6	283.8	4.2	282.3	4.3	281.5	4.6
12:00	5.3	271.3	3.6	283.0	4.4	282.3	5.0	284.6	5.4
12:15	4.1	273.6	3.6	282.6	4.2	285.0	4.8	288.8	5.4



## Daily Summary Report

Site: ORNL Sodar

1/16/2018

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	199.1	8.9	192.6	11.9	194.5	12.5	174.0	11.8	180.7
00:15	198.8	9.8	191.6	12.5	192.9	12.0	177.0	10.7	169.8
00:30	203.4	8.4	195.2	11.8	194.5	12.7	206.9	12.1	184.3
00:45	212.8	7.1	200.8	11.2	198.2	13.1	208.2	11.8	189.7
01:00	224.2	6.3	211.1	11.1	200.6	13.0	214.6	12.0	200.0
01:15	227.1	6.6	214.9	10.8	203.8	13.4	219.0	13.0	205.0
01:30	226.8	6.6	212.6	11.1	203.5	15.1	213.7	14.0	211.0
01:45	223.7	7.1	213.8	11.5	206.8	14.3	212.9	14.9	216.3
02:00	225.7	8.1	215.1	12.1	208.4	14.2	211.0	14.6	216.6
02:15	224.9	8.1	210.5	11.6	206.7	14.3	209.5	15.1	223.8
02:30	223.8	8.2	199.3	10.6	204.6	14.6	210.9	15.0	215.0
02:45	230.4	7.0	200.3	10.3	200.1	13.7	209.9	14.9	209.7
03:00	243.1	4.9	217.6	9.8	200.6	12.2	208.0	15.0	212.4
03:15	260.4	5.8	242.6	8.9	210.0	10.8	209.9	13.9	216.7
03:30	264.7	6.8	252.0	8.8	224.3	9.5	214.3	12.3	216.3
03:45	264.0	6.6	260.9	8.8	239.3	10.1	216.1	12.1	211.0
04:00	271.7	6.3	268.5	8.1	252.0	11.1	230.0	11.8	215.1
04:15	269.5	6.5	266.2	9.1	248.6	10.8	238.0	11.8	223.8
04:30	262.9	7.1	260.2	9.9	246.3	14.8	227.0	13.5	223.5
04:45	269.0	6.5	260.5	8.8	244.7	12.8	232.6	13.8	222.7
05:00	274.8	5.4	261.5	7.5	249.2	11.3	230.1	12.6	225.4
05:15	277.2	4.3	261.4	6.7	247.5	10.4	231.6	12.3	226.0
05:30	280.4	3.9	259.8	6.6	237.3	9.1	235.4	12.0	226.0
05:45	281.6	4.0	265.3	5.9	240.8	8.1	235.1	11.7	227.0
06:00	283.7	4.8	270.6	5.8	243.0	8.3	231.7	11.5	228.0
06:15	286.1	4.8	276.7	5.8	248.5	7.5	235.8	11.3	228.3
06:30	289.5	4.9	280.4	6.0	261.4	6.5	250.6	9.9	230.8
06:45	288.4	5.1	282.4	5.8	262.3	9.1	264.9	10.3	240.2
07:00	297.9	5.5	300.0	6.0	282.2	7.6	275.2	9.9	248.5
07:15	302.4	6.1	299.8	8.4	294.4	7.0	278.0	7.8	263.2
07:30	302.4	6.1	300.5	8.0	288.0	8.1	268.5	6.7	248.6
07:45	301.4	5.7	303.8	6.8	294.0	7.5	270.1	6.7	247.1
08:00	295.5	6.4	305.7	8.3	300.0			6.7	245.6
08:15	296.9	6.9	309.1	10.7	307.3			6.7	244.1
08:30	305.9	5.5	315.5					6.7	242.6
08:45	313.0	3.6	320.3					6.7	241.1
09:00	309.0	2.9	318.5					6.7	239.6
09:15	304.8	2.4	319.6					6.7	238.1
09:30	296.7	1.0	312.5					6.7	236.6
09:45	281.5	1.1	291.4	.8	262.1			6.7	235.1
10:00	269.7	1.5	298.6	.4	212.3			6.7	233.6
10:15	271.0	1.5	294.4	.7	256.5	.8	185.6	6.7	232.1
10:30	271.2	2.0	281.4	1.9	284.7	.7	154.7	6.7	230.6
10:45	269.9	2.6	277.8	2.5	284.2	.7	200.9	6.7	229.1
11:00	278.0	3.5	276.6	2.5	284.5	1.4	243.7	6.7	227.6
11:15	284.1	3.1	275.0	2.5	279.4	1.9	254.5	6.7	226.1
11:30	278.1	3.1	276.4	2.8	271.8	1.6	238.4	6.7	224.6
11:45	279.8	4.1	281.7	3.3	271.1	3.0	239.0	6.7	223.1
12:00	288.2	5.4	290.4	3.9	276.5	4.0	241.0	6.7	221.6
12:15	291.7	6.0	293.3	4.8	279.9	4.6	242.5	6.7	220.1



## Daily Summary Report

Site: ORNL Sodar

1/16/2018

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	14.8	223.5				
00:15	14.9	223.3				
00:30	14.9	223.1				
00:45	14.9	222.9				
01:00	14.9	222.7				
01:15	14.9	222.5				
01:30	15.0	222.3				
01:45	15.0	222.1				
02:00	15.0	221.9				
02:15	15.3	216.4				
02:30	13.7	217.8				
02:45	13.6	220.0				
03:00	13.5	223.0				
03:15	13.5	226.5	16.0	221.5		
03:30	14.1	221.7	14.7	221.1		
03:45	12.9	221.2	14.4	223.7	14.3	214.7
04:00	12.3	216.6	14.8	221.7	15.5	217.6
04:15	12.0	219.6	14.1	221.4	16.0	218.0
04:30	12.9	220.9	13.7	219.7	16.6	219.7
04:45	14.9	223.0	13.7	220.8	16.2	219.0
05:00	14.7	223.2				
05:15	14.5	223.4				
05:30	14.3	223.6				
05:45	14.1	223.8				
06:00	13.9	224.0				
06:15	13.7	224.2				
06:30	13.5	224.4				
06:45	13.3	224.6				
07:00	13.1	224.8				
07:15	12.9	225.0				
07:30	12.7	225.2				
07:45	12.5	225.4				
08:00	12.3	225.6				
08:15	12.1	225.8				
08:30	11.9	226.0				
08:45	11.7	226.2				
09:00	11.5	226.4				
09:15	11.3	226.6				
09:30	11.1	226.8				
09:45	10.9	227.0				
10:00	10.7	227.2				
10:15	10.5	227.4				
10:30	10.3	227.6				
10:45	10.1	227.8				
11:00	9.9	228.0				
11:15	9.7	228.2				
11:30	9.5	228.4				
11:45	9.3	228.6				
12:00	9.1	228.8				
12:15	8.9	229.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	8.7	229.2				
12:45	8.5	229.4				
13:00	8.3	229.6				
13:15	8.1	229.8				
13:30	7.9	230.0				
13:45	7.1	232.1				
14:00	7.0	230.0				
14:15						
14:30						
14:45						
15:00						
15:15						
15:30						
15:45						
16:00						
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						
17:45						
18:00						
18:15						
18:30						
18:45						
19:00						
19:15						
19:30						
19:45						
20:00						
20:15						
20:30						
20:45						
21:00						
21:15						
21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	12.2	225.0	14.5	221.4	15.7	217.8
Max	15.3	232.1	16.0	223.7	16.6	219.7
Hr. of Max	09	55	13	15	18	18
Min	7.0	216.4	13.7	219.7	14.3	214.7
Count	57	57	7	7	5	5
Total						