

## Daily Summary Report

Site: ORNL Sodar

10/15/2018

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	132.4	.3	107.0	1.4	165.9	2.2	160.5	3.9
00:15	.1	104.3	.3	169.2	1.8	177.0	2.2	181.1	4.5
00:30	.3	288.1	.3	203.6	1.8	199.2	2.5	213.3	5.4
00:45	.1	317.9	.6	237.2	1.8	225.3	3.3	225.4	6.3
01:00	.2	94.9	.6	203.7	1.8	226.7	3.3	221.3	6.1
01:15	.1	254.0	.4	210.6	1.9	238.9	3.4	228.9	5.8
01:30	.6	269.1	1.1	288.4	2.2	259.4	3.5	242.1	5.7
01:45	.9	267.5	2.0	286.4	2.8	261.0	3.9	245.3	5.8
02:00	1.1	259.7	2.5	271.1	3.7	254.4	5.0	243.9	7.0
02:15	1.6	259.0	3.0	258.8	4.6	251.1	6.4	242.8	8.0
02:30	1.4	250.3	3.3	256.0	5.2	249.2	7.2	241.4	8.7
02:45	2.4	256.2	3.1	264.7	5.0	256.0	6.9	247.8	8.8
03:00			2.4	269.1	4.6	259.8	6.4	252.9	8.3
03:15			1.9	261.7	4.1	255.7	5.9	248.8	7.9
03:30			2.2	271.5	4.4	261.8	6.0	252.0	7.6
03:45			2.5	277.2	4.9	266.3	6.3	256.2	7.8
04:00			2.5	276.0	4.8	266.0	6.3	256.5	7.8
04:15			2.5	275.0	4.7	266.0	6.2	256.7	7.8
04:30			2.5	274.0	4.7	266.0	6.2	257.0	7.8
04:45			2.5	273.0	4.6	266.0	6.1	257.2	7.7
05:00			2.5	272.0	4.5	266.0	6.1	257.5	7.7
05:15			2.5	272.0	4.5	266.0	6.1	257.7	7.7
05:30			2.5	271.0	4.4	266.0	6.1	258.0	7.6
05:45			2.5	270.0	4.4	266.0	6.1	258.2	7.6
06:00			2.5	270.0	4.3	266.0	6.0	258.5	7.6
06:15			2.5	269.0	4.2	266.0	6.0	258.7	7.5
06:30			2.5	269.0	4.1	266.0	6.0	259.0	7.5
06:45			2.5	268.0	4.0	266.0	6.0	259.2	7.5
07:00			2.5	267.0	4.0	266.0	6.0	259.5	7.5
07:15			2.5	266.0	4.0	266.0	5.9	259.7	7.4
07:30			2.5	265.0	4.0	266.0	5.9	260.0	7.4
07:45			2.5	265.0	4.0	266.0	5.9	260.2	7.4
08:00			2.5	265.0	4.0	266.0	5.8	260.5	7.3
08:15			2.5	264.0	4.0	266.0	5.8	260.7	7.3
08:30			2.5	264.0	3.9	266.0	5.7	261.0	7.3
08:45			2.5	263.0	3.9	266.0	5.7	261.2	7.2
09:00			2.5	262.0	3.9	266.0	5.6	261.5	7.2
09:15			2.5	262.0	3.9	266.0	5.6	261.7	7.2
09:30			2.5	261.0	3.9	266.0	5.5	262.0	7.2
09:45			2.5	261.0	3.9	266.0	5.5	262.2	7.1
10:00			2.5	261.0	3.9	266.0	5.4	262.5	7.1
10:15			2.5	261.0	3.9	266.0	5.4	262.7	7.1
10:30	1.0	272.1	2.4	260.6	3.8	266.3	5.5	263.9	6.5
10:45	1.4	271.4	2.1	271.9	3.6	266.5	5.0	265.3	5.7
11:00	1.7	273.7	2.5	262.8	3.1	261.7	4.0	263.4	4.7
11:15	1.1	273.9	1.8	255.2	2.1	252.8	2.6	261.5	3.4
11:30	.8	271.1	1.1	273.1	1.6	272.7	2.1	271.7	2.5
11:45	.7	264.0	1.8	263.1	2.2	269.8	3.0	267.6	3.0
12:00	.3	280.1	1.9	253.7	1.9	255.5	2.4	262.7	3.0
12:15	.4	292.4	1.6	241.0	1.9	253.2	2.7	252.2	3.6
12:30	.7	286.6	1.6	244.6	2.4	251.7	3.5	242.4	4.3



## Daily Summary Report

Site: ORNL Sodar

10/15/2018

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	185.9	7.3	195.1	11.1	194.3	13.4	203.6		
00:15	200.2	7.7	201.6	12.1	197.8	15.1	203.8		
00:30	210.7	8.3	207.7	13.0	199.8	15.0	208.4		
00:45	213.7	8.7	209.9	13.2	202.8	14.7	210.9	16.2	220.4
01:00	215.4	8.1	208.8	12.3	205.2	14.8	205.2	14.3	220.0
01:15	219.5	7.8	209.4	11.7	205.0	14.1	205.4	14.8	223.4
01:30	229.2	7.6	215.7	11.6	205.5	14.6	212.7	16.4	221.2
01:45	231.8	7.7	221.6	11.8	205.7	13.5	212.7	16.0	221.0
02:00	229.3	8.5	220.9	12.7	207.0	13.7	207.9	15.2	221.0
02:15	231.2	9.3	218.7	12.3	207.6	14.0	208.0	16.0	223.0
02:30	232.7	9.9	218.8	12.4	208.6	14.0	209.5	16.0	224.3
02:45	236.9	9.9	222.3	12.7	210.0	14.3	210.0	16.9	226.5
03:00	239.4	9.7	223.0	12.4	210.2	14.3	209.8	16.2	227.2
03:15	233.9	9.8	217.8	11.9	208.0	14.5	206.3	16.3	223.8
03:30	235.7	9.6	217.4	11.7	207.2	13.6	206.0	15.0	220.0
03:45	241.4	9.1	223.0	11.7	208.4	13.4	207.8	14.8	217.1
04:00	241.9	8.9	224.5	11.5	208.9	13.3	210.0	14.5	222.0
04:15	242.4	8.7	226.0	11.3	209.4	13.3	210.0	14.5	222.0
04:30	243.1	8.5	227.5	11.1	209.9	13.3	210.0	14.5	222.0
04:45	243.9	8.4	229.0	10.9	210.4	13.3	210.0	14.5	222.0
05:00	244.6	8.3	230.5	10.7	210.9	13.3	210.0	14.5	222.0
05:15	245.4	8.2	232.0	10.5	211.4	13.3	210.0	14.5	222.0
05:30	246.1	8.1	233.5	10.3	211.9	13.3	210.0	14.5	222.0
05:45	246.9	8.0	235.0	10.1	212.4	13.3	210.0	14.5	222.0
06:00	247.6	7.9	236.5	9.9	212.9	13.3	210.0	14.5	222.0
06:15	248.4	7.8	238.0	9.7	213.4	13.3	210.0	14.5	222.0
06:30	249.1	7.7	239.5	9.5	213.9	13.3	210.0	14.5	222.0
06:45	249.9	7.6	241.0	9.3	214.4	13.3	210.0	14.5	222.0
07:00	250.6	7.5	242.5	9.1	214.9	13.3	210.0	14.5	222.0
07:15	251.4	7.4	244.0	8.9	215.4	13.3	210.0	14.5	222.0
07:30	251.9	7.2	245.5	8.7	215.9	13.3	210.0	14.5	222.0
07:45	252.4	7.0	247.0	8.5	216.4	13.3	210.0	14.5	222.0
08:00	252.9	6.8	248.5	8.3	216.9	13.3	210.0	14.5	222.0
08:15	253.4	6.6	250.0	8.1	217.4	13.3	210.0	14.5	222.0
08:30	253.9	6.4	251.5	7.9	217.9	13.3	210.0	14.5	222.0
08:45	254.4	6.2	253.0	7.7	218.4	13.3	210.0	14.5	222.0
09:00	254.9	6.0	254.5	7.5	218.9	13.3	210.0	14.5	222.0
09:15	255.4	5.8	256.0	7.3	219.4	13.3	210.0	14.5	222.0
09:30	255.9	5.6	257.5	7.1	219.9	13.3	210.0	14.5	222.0
09:45	256.4	5.4	259.0	6.9	220.4	13.3	210.0	14.5	222.0
10:00	256.9	5.2	260.5	6.7	220.9	13.3	210.0	14.5	222.0
10:15	257.4	5.0	262.0	6.5	221.4	13.3	210.0	14.5	222.0
10:30	262.5	5.5	260.4	6.3	221.9	13.3	210.0	14.5	222.0
10:45	262.9	5.7	262.4	6.1	222.4	13.3	210.0	14.5	222.0
11:00	256.8	5.4	253.5	7.0	227.8	13.3	210.0	14.5	222.0
11:15	253.1	4.4	244.1	7.1	223.0	13.3	210.0	14.5	222.0
11:30	259.9	3.9	256.7	6.8	224.8	13.3	210.0	14.5	222.0
11:45	259.2	4.5	261.4	6.5	233.8	13.3	210.0	14.5	222.0
12:00	252.4	4.9	250.9	8.0	227.0	13.3	210.0	14.5	222.0
12:15	239.2	5.7	232.1	9.1	220.6	13.3	210.0	14.5	222.0
12:30	232.4	6.3	225.5	9.6	218.2	13.3	210.0	14.5	222.0



## Daily Summary Report

Site: ORNL Sodar

10/15/2018

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						
00:15						
00:30						
00:45	15.9	223.1	15.9	216.8		
01:00	15.4	229.0	15.8	217.0		
01:15	15.0	229.0	15.7	218.0		
01:30	16.5	223.0	15.6	219.0		
01:45	16.0	222.0	15.6	220.0		
02:00	15.9	222.1	15.6	222.1		
02:15	15.5	223.0	15.5	225.0		
02:30	15.4	224.5	15.4	228.0		
02:45	16.5	226.9	16.9	228.4	15.8	222.7
03:00	16.9	229.2	17.2	227.5	16.0	223.0
03:15	16.7	228.7	17.8	223.5	16.0	224.0
03:30	16.0	226.0	16.0	224.0	16.0	225.0
03:45	15.7	223.0	14.0	224.2	17.0	225.6
04:00	15.7	222.0				
04:15	15.6	222.0				
04:30	15.6	222.0				
04:45	15.5	222.0				
05:00	15.5	222.0				
05:15	15.4	222.0				
05:30	15.4	222.0				
05:45	15.3	222.0				
06:00	15.3	222.0				
06:15	15.2	222.0				
06:30	15.2	222.0				
06:45	15.1	222.0				
07:00	15.1	222.0				
07:15	15.0	222.0				
07:30	15.0	222.0				
07:45	14.9	222.0				
08:00	14.9	222.0				
08:15	14.8	222.0				
08:30	14.8	222.0				
08:45	14.7	222.0				
09:00	14.7	222.0				
09:15	14.6	222.0				
09:30	14.6	222.0				
09:45	14.5	222.0				
10:00	14.5	222.0				
10:15	14.4	222.0				
10:30	14.4	222.0				
10:45	14.3	222.0				
11:00	14.3	222.0				
11:15	14.2	222.0				
11:30	14.2	222.0				
11:45	14.1	222.0				
12:00	14.1	222.0				
12:15	14.0	222.0				
12:30	14.0	222.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	13.9	222.0				
13:00	13.9	222.0				
13:15	12.3	220.1				
13:30	10.9	223.7				
13:45						
14:00						
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	14.9	222.8	15.9	222.6	16.2	224.1
Max	16.9	229.2	17.8	228.4	17.0	225.6
Hr. of Max	12	12	13	11	15	15
Min	10.9	220.1	14.0	216.8	15.8	222.7
Count	52	52	13	13	5	5
Total						