

## Daily Summary Report

Site: ORNL Sodar

7/15/2018

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	1.5	229.7	2.3	219.8	3.9	216.3	5.4	213.5	7.0
00:15	.8	258.8	1.6	235.1	2.4	232.1	3.8	223.9	5.4
00:30	.3	224.1	1.7	226.1	2.1	229.7	2.9	232.7	3.8
00:45	.3	232.9	1.5	222.9	2.0	226.7	2.5	229.8	3.8
01:00	.2	264.1	1.0	226.4	1.5	229.0	2.5	224.9	4.5
01:15	.2	158.6	.7	222.0	1.0	237.4	2.0	235.0	4.0
01:30	.5	181.8	1.3	228.3	1.8	238.7	2.4	237.9	4.0
01:45	.5	198.4	1.8	227.9	2.6	231.9	3.5	230.5	5.0
02:00	.4	177.7	1.3	220.5	2.2	230.1	3.4	230.6	5.0
02:15	.3	140.2	.7	220.1	2.0	237.1	3.4	233.1	4.8
02:30	.1	220.7	1.0	245.2	2.3	245.8	3.9	238.1	5.0
02:45	.4	260.7	1.1	247.5	2.3	247.0	3.7	245.1	4.6
03:00	.3	256.0	.8	242.2	1.9	249.3	2.7	250.6	3.3
03:15	.3	243.6	.8	246.2	1.4	258.3	1.7	259.3	2.8
03:30	.5	257.6	1.2	261.1	1.6	264.7	2.3	264.4	3.4
03:45	.6	266.4	1.3	267.9	1.8	265.5	2.5	261.8	3.3
04:00	.6	288.7	1.3	271.4	2.1	270.4	3.0	263.9	4.0
04:15	.7	282.9	1.8	277.8	2.8	274.4	3.8	265.9	4.7
04:30	.8	268.6	2.0	278.0	3.1	271.6	3.9	263.6	4.3
04:45	.5	259.3	1.9	276.4	2.8	270.6	3.2	261.6	3.8
05:00	.1	203.4	1.3	278.8	2.5	273.2	2.2	265.1	2.5
05:15	.2	227.9	1.4	279.9	2.4	270.7	2.1	264.8	1.3
05:30	.3	251.9	1.1	283.5	2.3	265.2	2.5	261.0	2.2
05:45	.4	263.1	1.4	285.4	1.8	264.7	2.1	261.0	1.7
06:00	.5	267.4	2.4	288.9	2.3	270.4	1.5	260.9	.9
06:15	.4	255.0	2.2	289.9	2.7	272.7	2.1	262.8	1.3
06:30	.3	228.0	1.4	282.6	2.2	272.2	2.0	264.6	3.7
06:45	.3	226.0	1.1	282.7	1.8	276.3	1.4	270.0	4.0
07:00	.3	249.9	1.4	284.8	1.3	281.1	.7	284.0	1.0
07:15	.3	269.9	1.5	284.6	1.0	274.4	.6	279.4	.5
07:30	.4	261.1	1.1	282.4	1.1	266.9	1.4	260.2	1.7
07:45	.2	230.7	.6	278.1	.9	258.8	1.3	249.9	2.1
08:00	.2	157.3	.3	259.0	.5	248.8	.8	229.2	1.4
08:15	.2	167.7	.3	229.3	.4	235.7	1.1	227.7	1.5
08:30	.1	261.2	.4	136.5	.5	194.4	1.2	213.0	1.9
08:45	.3	71.8	.5	140.7	.7	182.8	1.3	199.6	2.1
09:00	.3	88.3	.4	170.6	.9	186.4	1.2	202.8	1.4
09:15	.4	169.8	.7	166.2	.9	196.0	.8	211.7	1.0
09:30	.6	165.1	.8	157.6	.4	192.7	.3	241.5	.7
09:45	.6	189.9	.7	201.1	.6	205.8	.4	243.9	.7
10:00	.4	241.2	.5	242.8	.6	186.8	.6	203.5	.8
10:15	.1	223.8	.1	241.4	.4	122.7	.4	185.8	.8
10:30	.5	186.3	.6	240.6	.5	207.7	.7	201.8	1.1
10:45	.3	218.6	.5	221.1	.7	214.5	1.1	189.3	1.7
11:00	.9	206.6	2.0	186.8	2.2	197.1	2.6	190.2	2.4
11:15	1.7	213.6	2.7	206.6	2.6	211.4	2.8	205.6	1.8
11:30	1.2	238.7	1.3	234.2	1.2	247.7	1.4	247.3	1.1
11:45	.9	277.0	.7	252.8	.6	262.6	.9	275.2	.7
12:00	1.0	264.1	1.4	244.9	1.3	253.0	1.2	244.8	.7
12:15	1.3	253.5	1.6	247.2	1.5	250.5	1.5	233.0	1.0



## Daily Summary Report

Site: ORNL Sodar

7/15/2018

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	210.8	8.0	202.6	13.1	211.7				
00:15	215.9	6.8	208.3	12.7	219.3	14.8	217.7	16.1	218.1
00:30	228.0	4.8	216.9	12.0	215.0	14.5	218.0	16.0	219.0
00:45	228.2	5.0	212.0	11.0	210.0	14.3	218.0	16.0	220.0
01:00	219.9	6.1	206.0	10.4	206.9	14.0	219.0	15.5	221.0
01:15	220.8	5.4	207.8	9.4	204.1	13.8	219.0	15.0	222.0
01:30	222.6	5.7	212.4	10.1	209.1	13.5	220.0	14.5	223.0
01:45	221.3	7.0	207.0	10.5	205.6	13.3	221.0	14.0	224.0
02:00	225.7	7.3	194.5	8.8	189.3	13.3	222.0	13.5	225.0
02:15	230.8	6.9	200.7	8.7	200.0	13.0	223.0	13.0	226.0
02:30	236.7	7.9	217.2	8.6	210.0	12.5	224.0	12.5	228.0
02:45	247.5	5.0	230.7	8.5	219.5	12.3	224.3	12.3	228.1
03:00	259.4	2.7	256.3	7.4	218.5	10.9	221.0	13.5	227.2
03:15	267.0	3.7	263.4	8.3	231.0	9.8	221.3	14.1	226.0
03:30	262.4	5.1	254.4	8.4	230.6	9.6	211.5	14.6	225.7
03:45	259.1	4.9	248.9	8.2	227.0	9.5	215.9	14.5	222.5
04:00	259.4	5.3	251.2	8.1	227.3	10.1	218.8	14.0	222.0
04:15	258.6	6.0	249.0	8.3	229.8	11.6	219.3	13.5	222.0
04:30	257.1	6.0	254.8	9.4	232.8	12.5	225.0	13.1	222.3
04:45	261.6	5.3	263.1	9.3	251.3			12.8	223.0
05:00	263.2	4.8	266.8	8.0	244.5			12.3	223.0
05:15	264.2	1.8	262.1	9.8	224.4			11.8	224.0
05:30	262.5	2.1	258.6	9.5	224.9			11.3	224.0
05:45	256.9	3.9	267.5	9.2	225.4			10.8	225.0
06:00	242.8	1.0	272.9	8.9	225.9			10.3	225.0
06:15	247.2	1.0	256.2	8.6	226.4			9.8	226.0
06:30	260.9	4.4	259.0	8.3	226.9			9.3	226.0
06:45	264.9	5.4	260.7	8.0	227.4			9.0	226.0
07:00	259.7	2.0	258.6	7.7	227.9			8.5	228.0
07:15	227.8	.9	247.2	7.4	228.4			8.0	229.0
07:30	256.0	2.0	251.3	7.1	228.9			7.5	229.0
07:45	250.8	1.8	247.7	6.8	229.4			7.0	230.0
08:00	240.5	.7	224.0	6.5	229.9			6.3	230.0
08:15	242.7	.4	241.4	6.2	230.4			6.0	231.0
08:30	222.7	1.9	213.9	5.9	230.9			5.8	231.0
08:45	216.2	2.9	218.1	5.6	231.4			5.5	233.0
09:00	218.6	1.8	236.2	5.3	231.9			5.5	232.0
09:15	212.0	1.9	229.7	5.0	232.4			5.0	233.0
09:30	221.2	1.4	229.8	3.6	231.5			4.8	234.0
09:45	259.1	1.0	240.5	2.4	208.4			4.5	234.0
10:00	216.3	1.0	224.3	2.1	200.3	3.4	197.3	4.3	234.0
10:15	198.4	.8	197.8	1.6	193.3	3.4	205.7	4.0	234.0
10:30	200.7	1.2	196.4	1.0	193.0	2.0	212.9	3.8	234.4
10:45	185.3	1.4	202.8	1.1	183.4	1.2	315.0		
11:00	189.5	2.4	202.7	2.6	183.6				
11:15	211.1	2.6	201.6	2.5	198.1				
11:30	261.3	1.4	229.7	1.7	251.9				
11:45	280.9	.9	252.2	1.6	267.5				
12:00	227.4	1.2	199.5	2.0	232.0				
12:15	209.7	1.2	212.8	1.5	234.7				



## Daily Summary Report

Site: ORNL Sodar

7/15/2018

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						
01:00						
01:15						
01:30						
01:45						
02:00						
02:15						
02:30						
02:45	14.0	229.2	14.0	228.7		
03:00	15.1	224.5	12.5	229.6		
03:15	14.0	228.0				
03:30	13.3	229.2				
03:45						
04:00						
04:15						
04:30						
04:45						
05:00						
05:15						
05:30						
05:45						
06:00						
06:15						
06:30						
06:45						
07:00						
07:15						
07:30						
07:45						
08:00						
08:15						
08:30						
08:45						
09:00						
09:15						
09:30						
09:45						
10:00						
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30						
12:45						
13:00						
13:15						
13:30						
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	14.1	227.7	13.3	229.2		
Max	15.1	229.2	14.0	229.6		
Hr. of Max	12	14	11	12		
Min	13.3	224.5	12.5	228.7		
Count	4	4	2	2	0	0
Total						