

## Daily Summary Report

Site: ORNL Sodar

1/20/2018

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	1.9	261.3	3.0	235.9	3.7	230.1	5.5	230.0	8.0
00:15	3.0	270.0	3.5	219.9	5.1	221.8	6.5	224.3	8.3
00:30	3.4	230.0	3.3	208.6	4.5	217.1	5.4	219.6	6.5
00:45	3.8	194.1	2.4	215.7	3.4	219.9	3.6	225.9	2.7
01:00	2.6	202.5	2.0	225.0	2.8	234.5	3.4	232.5	1.7
01:15	1.7	226.5	1.8	225.1	2.1	246.2	2.9	235.3	1.9
01:30	1.6	248.6	1.8	232.4	1.3	244.2	1.8	232.6	2.0
01:45	1.7	254.6	2.3	236.2	1.4	241.0	1.6	231.8	1.5
02:00	1.2	253.7	2.3	233.8	1.6	240.5	1.8	235.1	1.5
02:15	.6	226.0	1.7	229.6	1.9	236.4	1.9	234.8	2.3
02:30	.5	216.3	1.7	226.1	2.1	235.6	2.1	244.7	3.1
02:45	.7	247.4	1.6	224.3	2.2	237.2	2.1	247.6	2.5
03:00	.7	250.6	1.4	233.9	1.8	242.3	2.1	244.4	2.3
03:15	.3	225.5	1.3	236.2	1.5	244.1	2.2	239.0	3.0
03:30	.5	245.8	1.2	232.3	2.2	230.2	3.2	223.7	3.4
03:45	.7	254.3	1.2	228.2	2.4	226.0	3.4	222.4	2.5
04:00	.4	262.8	1.1	227.4	1.8	225.4	2.5	223.9	2.4
04:15	.6	272.1	.9	232.0	1.4	227.1	2.5	223.0	2.8
04:30	.2	329.7	1.0	242.2	1.4	232.7	2.5	224.2	2.9
04:45	.3	5.6	1.0	250.3	1.5	236.2	2.7	224.3	3.3
05:00	.8	298.4	1.3	266.8	1.3	246.7	2.1	232.4	3.1
05:15	.9	299.5	1.6	272.1	1.6	259.6	1.6	243.4	3.4
05:30	.6	329.8	1.1	273.8	1.7	260.0	1.9	241.3	3.9
05:45	.6	346.3	.9	296.5	1.4	271.5	1.9	247.8	3.1
06:00	.5	342.8	.7	291.1	1.5	280.8	2.0	261.0	2.7
06:15	.4	17.5	.4	276.3	1.3	279.5	2.1	260.0	3.4
06:30	.3	15.1	.5	306.0	1.1	278.9	2.0	252.7	3.5
06:45	.2	339.1	.5	312.0	.9	274.9	1.9	246.5	3.5
07:00	.3	17.9	.4	300.4	.6	271.5	1.6	245.1	3.1
07:15	.4	14.0	.2	313.9	.6	285.1	1.5	254.2	2.3
07:30	.4	13.9	.3	335.3	.9	293.8	1.4	259.3	2.0
07:45	.3	10.3	.6	324.5	1.3	295.2	1.2	262.1	2.0
08:00	.3	40.2	.5	335.9	1.1	291.9	1.0	253.1	2.2
08:15	.2	43.4	.4	324.9	1.0	294.3	1.0	260.3	2.4
08:30	.2	18.4	.7	307.5	1.6	298.2	1.6	280.5	2.5
08:45	.3	18.0	1.0	318.9	1.9	297.0	2.1	278.9	2.7
09:00	.4	18.4	1.2	328.2	2.1	298.9	2.1	277.7	2.5
09:15	.4	34.6	1.0	334.5	1.8	299.5	1.9	275.5	2.0
09:30	.4	23.2	1.0	316.6	1.3	287.9	1.5	270.1	1.7
09:45	.4	352.9	1.0	295.6	1.6	276.2	1.5	268.9	1.7
10:00	.4	330.2	.8	281.4	2.0	277.2	2.3	270.2	1.9
10:15	.4	291.3	.7	279.3	1.8	277.6	2.6	270.5	2.4
10:30	.3	263.1	.7	284.0	1.2	278.7	2.4	270.6	2.9
10:45	.1	240.0	.6	276.3	.8	272.6	2.1	265.4	3.2
11:00	.4	265.8	.5	254.3	.9	254.9	1.7	254.3	3.5
11:15	.7	278.8	.4	252.4	1.1	252.9	1.6	256.4	3.5
11:30	1.1	274.8	.5	243.9	1.1	240.4	1.6	248.5	3.2
11:45	1.0	269.8	.7	220.8	1.1	219.8	1.6	232.7	2.9
12:00	.7	261.1	.7	208.2	1.0	222.0	1.5	230.7	2.4
12:15	.5	241.7	.7	228.4	1.0	217.6	1.5	218.8	1.9



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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	224.0	8.3	224.2						
00:15	216.7	7.0	226.7	3.5	260.8				
00:30	211.3	3.4	233.4	1.3	254.8				
00:45	214.2	1.4	225.1	.7	236.2	1.4	262.3	2.0	299.1
01:00	224.1	1.3	227.6	.5	216.5	1.8	272.7	2.5	306.2
01:15	223.6	1.1	245.1	.5	194.6	2.2	269.8	4.0	300.0
01:30	227.7	1.0	237.7	.9	182.6	2.6	244.9	5.0	293.0
01:45	235.5	1.4	238.0	.4	189.3	5.0	254.0	7.5	285.0
02:00	240.4	2.3	251.8	.6	350.6	7.8	264.8	9.0	275.0
02:15	227.1	2.1	235.3	1.4	292.1	8.1	263.9	9.3	265.5
02:30	229.3	2.3	243.8	3.0	272.0	8.3	261.0	10.0	266.0
02:45	236.3	2.9	250.7	6.2	252.9	8.7	259.8	10.3	267.8
03:00	237.9	2.3	243.6	2.7	251.7	6.8	263.3	10.4	263.5
03:15	231.5	2.4	253.3	2.0	274.4	7.3	260.3	9.5	264.2
03:30	217.6	1.9	246.8	.8	316.3	6.4	265.5	8.7	265.8
03:45	211.4	.9	228.8	.3	197.1	3.0	264.7	7.5	262.7
04:00	217.6	1.0	248.5	.2	27.6	1.7	242.9	3.3	275.6
04:15	216.0	1.3	240.2	.5	1.3	1.4	241.7	1.2	301.3
04:30	213.8	2.4	220.5	1.8	217.6	2.0	242.0		
04:45	212.4	3.8	202.3	1.7	230.0	2.5	242.0		
05:00	218.9	1.6	218.0	1.6	245.0	2.8	242.0		
05:15	222.3	2.9	228.1	1.6	259.6	3.0	243.0		
05:30	218.6	6.0	215.3	1.8	258.0	3.3	243.0		
05:45	222.9	5.1	215.0	2.0	257.0	3.5	243.0		
06:00	230.2	3.8	233.1	2.3	256.0	4.0	243.0		
06:15	224.6	5.3	224.7	2.5	255.0	4.3	243.0		
06:30	220.2	4.7	219.4	2.8	254.0	4.5	243.0		
06:45	221.2	3.2	226.2	2.9	253.2	4.5	243.0		
07:00	218.2	4.6	214.8	3.0	240.0	4.8	243.0		
07:15	216.1	4.0	214.7	3.5	225.0	5.0	243.0		
07:30	219.7	3.5	214.4	4.0	206.8	5.0	243.3	6.7	259.3
07:45	226.7	4.0	214.7	6.5	219.0	6.5	255.1	6.4	261.1
08:00	217.4	4.5	210.5	6.3	212.8	6.0	264.4	6.1	260.7
08:15	222.9	4.8	212.5	5.5	202.4	4.4	240.0	5.7	255.9
08:30	244.9	3.4	229.0	3.5	237.3	5.5	266.0	6.3	254.0
08:45	247.8	2.9	234.5	4.4	226.0	5.1	269.5	7.0	255.0
09:00	251.6	3.0	230.9	5.4	217.1	5.3	263.3	5.8	269.3
09:15	253.2	2.6	228.9	3.6	250.0	5.8	263.0	6.0	272.0
09:30	252.5	2.4	228.1	5.0	235.0	6.9	256.5	7.4	269.0
09:45	254.4	2.3	233.5	8.8	218.1	8.0	245.0	8.0	250.0
10:00	252.7	2.6	225.6	10.3	216.1	10.0	233.0	9.0	230.0
10:15	249.1	3.2	220.0	9.7	213.7	12.5	221.5	10.1	219.0
10:30	245.6	4.2	216.0	9.1	211.4	12.6	222.3	11.0	218.8
10:45	249.8	4.5	217.6	9.0	208.5	11.0	228.0	11.6	220.7
11:00	249.1	4.7	230.7	9.0	209.3	10.0	228.0		
11:15	248.8	5.0	237.2	8.4	211.0	9.0	228.0		
11:30	244.1	5.1	231.1	7.6	213.9	7.9	228.3		
11:45	235.7	5.0	223.6	7.0	219.4	7.8	231.8		
12:00	230.7	4.3	220.3	6.3	220.8	7.4	230.0		
12:15	218.1	3.5	214.6	6.3	215.9	7.0	229.0		



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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						
03:00						
03:15						
03:30	11.4	265.1				
03:45	10.7	265.5				
04:00	10.7	266.0				
04:15	10.7	266.0				
04:30	10.7	267.0				
04:45	10.7	267.0				
05:00	10.7	268.0				
05:15	10.7	268.0				
05:30	10.7	269.0				
05:45	10.7	269.0				
06:00	10.6	270.0				
06:15	10.5	270.0				
06:30	10.4	270.0				
06:45	10.3	269.0				
07:00	10.2	269.0				
07:15	10.1	269.0				
07:30	10.0	268.9				
07:45	9.1	268.9	10.3	271.4		
08:00	9.1	270.8	10.7	272.0		
08:15	8.8	267.1	11.0	274.0		
08:30	8.2	261.0	11.3	275.9		
08:45	8.6	262.3	11.4	269.7		
09:00	7.9	270.5	10.5	267.9		
09:15	7.5	268.7	9.3	266.9		
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						
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21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	10.0	267.7	10.6	271.1		
Max	11.4	270.8	11.4	275.9		
Hr. of Max	14	32	35	34		
Min	7.5	261.0	9.3	266.9		
Count	24	24	7	7	0	0
Total						