

## Daily Summary Report

Site: ORNL Sodar

5/2/2017

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	3.0	255.9	4.3	258.3	5.4	257.6	6.3	260.9	7.1
00:15	2.5	251.2	4.0	253.3	5.2	254.2	6.3	256.1	7.5
00:30	2.2	224.7	3.5	232.7	5.4	235.8	6.3	235.6	7.1
00:45	3.4	212.3	4.5	212.3	6.6	219.5	7.6	219.7	8.1
01:00	3.4	212.9	5.1	210.4	7.0	216.1	7.9	216.9	8.5
01:15	3.0	221.5	5.0	212.3	6.4	215.7	7.5	214.8	8.3
01:30	2.8	223.5	4.6	221.1	6.0	219.1	7.2	220.1	8.5
01:45	2.3	234.7	3.8	241.2	5.3	237.0	6.6	237.0	8.1
02:00	3.3	267.0	3.8	266.1	5.7	269.0	6.8	270.6	7.8
02:15	1.3	261.3	4.0	272.0	5.4	279.3	6.9	283.0	7.7
02:30	.3	279.7	1.6	283.5	4.6	285.0	5.9	282.4	6.8
02:45	.7	321.9	1.8	280.2	4.5	281.0	5.5	279.5	7.1
03:00	.7	334.5	1.3	265.5	3.7	271.8	5.0	272.0	6.0
03:15	.4	321.1	1.4	254.0	3.2	266.1	4.2	268.0	5.0
03:30			1.5	253.0	3.3	264.0	4.3	266.0	5.1
03:45			1.5	252.0	3.3	262.0	4.3	264.0	5.2
04:00			1.6	251.0	3.3	260.0	4.3	262.0	5.3
04:15			1.6	250.0	3.3	258.0	4.4	260.0	5.4
04:30			1.7	249.0	3.3	256.0	4.4	258.0	5.5
04:45			1.7	248.0	3.4	254.0	4.5	256.0	5.5
05:00			1.8	247.0	3.4	252.0	4.5	254.0	5.6
05:15			1.9	246.0	3.5	250.0	4.6	252.0	5.7
05:30			2.0	245.0	3.5	247.0	4.7	250.0	5.8
05:45			2.1	244.0	3.5	245.0	4.7	247.0	5.9
06:00			2.2	243.0	3.5	243.0	4.8	244.0	5.9
06:15			2.3	243.0	3.6	240.0	4.8	242.0	6.0
06:30			2.3	243.0	3.6	239.0	4.8	242.0	6.0
06:45			2.3	243.0	3.6	238.0	4.8	241.0	6.0
07:00			2.3	243.0	3.6	237.0	4.8	240.0	6.0
07:15	1.2	267.9	2.3	242.7	3.6	236.0	4.9	239.0	6.1
07:30	1.1	276.3	2.0	238.4	3.2	236.4	4.4	240.2	5.7
07:45	1.1	302.1	1.6	230.2	2.4	244.7	3.7	245.9	5.8
08:00	.9	311.6	1.6	233.8	2.1	250.7	3.6	250.5	6.4
08:15	.9	297.9	1.7	246.0	2.7	251.9	4.3	249.4	6.9
08:30	.8	264.6	1.8	257.3	3.0	252.4	4.5	249.8	6.9
08:45	.8	233.9	1.7	250.6	2.8	249.3	3.9	249.1	5.9
09:00	1.2	240.8	1.8	233.7	2.6	247.0	3.3	249.5	4.6
09:15	1.0	234.9	1.7	232.9	2.2	250.9	2.8	256.1	4.0
09:30	1.0	252.2	1.8	260.0	2.5	268.1	3.0	267.4	3.8
09:45	1.5	260.9	2.3	275.5	2.8	279.0	3.1	278.7	3.6
10:00	1.7	275.3	2.3	295.0	2.6	287.3	3.1	289.8	3.9
10:15	2.4	278.5	3.3	284.4	3.5	280.0	4.0	281.8	4.7
10:30	2.6	269.9	3.5	272.4	4.0	272.1	4.4	273.8	4.9
10:45	2.5	268.6	3.0	278.5	3.5	276.7	3.9	276.3	4.3
11:00	2.8	271.8	4.7	273.3	4.1	278.9	4.4	283.4	4.7
11:15	3.6	268.4	6.6	266.8	6.1	271.5	6.1	276.8	6.1
11:30	3.9	267.0	5.8	264.9	5.9	264.9	6.0	266.1	5.8
11:45	3.2	270.2	4.5	266.2	4.7	264.2	5.0	264.1	5.0
12:00	2.4	257.9	3.4	254.0	4.5	257.1	4.9	259.0	4.5
12:15	2.7	245.1	4.3	247.5	4.8	245.9	5.0	247.3	4.9



## Daily Summary Report

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5/2/2017

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	261.0	8.2	261.6	9.7	251.8	14.9	224.5	15.0	226.0
00:15	255.5	8.6	255.5	10.2	246.8	14.3	225.4	14.2	231.0
00:30	237.2	8.4	234.9	10.7	232.3	12.4	229.4	13.9	231.9
00:45	222.5	8.8	224.6	10.7	228.0	12.8	229.3	14.4	231.0
01:00	217.6	9.2	219.9	10.8	227.9	13.3	227.3	15.0	227.3
01:15	217.3	9.5	220.6	11.2	226.2	13.5	225.8	15.4	224.6
01:30	226.9	9.7	229.7	12.0	230.6	14.7	227.5	15.6	227.8
01:45	238.5	9.3	240.4	12.2	235.1	15.6	226.8	16.3	228.2
02:00	268.1	8.8	265.5	13.8	230.5	16.4	223.5	16.8	226.0
02:15	276.5	8.6	279.0	12.0	260.0	14.3	265.0	15.0	260.0
02:30	278.0	8.0	282.9	10.6	296.2	12.6	310.8	13.9	311.2
02:45	275.6	8.3	279.6	10.5	291.7	13.1	311.6	14.5	310.1
03:00	270.4	7.8	273.4	12.0	312.1	13.4	314.1	15.5	316.9
03:15	267.4	6.8	267.2	8.9	293.8	11.6	309.0	15.6	320.3
03:30	267.0	6.8	267.0	8.8	288.0	11.4	306.0	15.3	318.0
03:45	266.0	6.8	266.0	8.8	285.0	11.3	303.0	15.0	316.0
04:00	265.0	6.8	264.0	8.8	282.0	11.0	300.0	14.8	314.0
04:15	264.0	6.7	263.0	8.8	279.0	10.8	297.0	14.5	312.0
04:30	263.0	6.7	262.0	8.8	276.0	10.5	294.0	14.3	310.0
04:45	262.0	6.7	261.0	8.8	274.0	10.5	291.0	14.0	308.0
05:00	260.0	6.7	260.0	8.8	271.0	10.3	288.0	13.8	306.0
05:15	258.0	6.7	258.0	8.8	268.0	10.3	285.0	13.5	304.0
05:30	256.0	6.7	257.0	8.8	265.0	10.0	282.0	13.3	302.0
05:45	255.0	6.6	256.0	8.8	263.0	9.8	278.0	13.0	300.0
06:00	253.0	6.6	255.0	8.8	261.0	9.5	275.0	12.8	299.0
06:15	251.0	6.6	254.0	8.8	259.0	9.3	272.0	12.5	298.0
06:30	251.0	6.6	254.0	8.8	259.0	9.2	272.0	12.3	297.0
06:45	250.0	6.6	253.0	8.8	258.0	9.2	271.0	12.0	296.0
07:00	250.0	6.6	253.0	8.8	258.0	9.1	271.0	11.8	295.0
07:15	250.2	6.6	252.2	8.8	257.8	9.1	270.0	12.3	297.0
07:30	249.3	6.5	251.2	8.0	259.6	9.9	269.5	12.0	296.0
07:45	254.2	6.3	256.0	8.2	262.2	11.2	268.5	11.8	295.0
08:00	255.0	7.0	257.8	8.6	266.2	11.5	270.2	11.5	295.0
08:15	250.8	8.1	255.1	9.2	270.0	11.8	276.0	11.3	294.0
08:30	251.2	8.3	255.6	9.3	269.4	12.0	285.0	11.0	294.0
08:45	252.6	7.8	257.3	9.1	271.2	12.3	292.0	10.8	293.0
09:00	254.8	6.3	261.6	9.2	275.2	12.5	298.0	10.5	292.0
09:15	263.2	5.7	268.8	8.8	277.0	12.8	305.4	10.3	291.0
09:30	270.3	5.7	273.3	8.4	281.3	11.4	299.2	10.0	290.0
09:45	276.7	5.2	282.6	8.0	289.2	10.8	298.5	9.8	290.0
10:00	284.2	5.0	290.3	7.5	294.4	9.8	297.7	9.5	289.0
10:15	281.1	5.8	284.6	7.3	286.7	8.8	292.6	9.3	289.0
10:30	274.9	5.8	275.6	7.5	275.4	8.1	279.6	9.1	288.7
10:45	276.3	4.8	272.2	6.0	273.2	7.2	277.3	8.5	284.0
11:00	282.5	5.1	273.4	5.8	269.8	7.6	277.0	8.0	280.0
11:15	276.2	6.6	268.5	7.6	269.4	8.1	276.6	7.5	275.0
11:30	266.5	6.3	262.5	7.2	269.0	7.5	270.0	7.0	270.0
11:45	266.3	5.5	265.0	6.7	262.2	6.8	264.8	6.5	265.0
12:00	263.9	4.8	264.3	5.7	255.9	5.8	266.0	6.1	259.6
12:15	249.9	5.2	253.5	5.8	252.0	6.0	266.0	6.0	264.0



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5/2/2017

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	15.0	233.0	15.2	239.6	16.9	236.0
00:15	15.3	238.3	15.5	235.0	16.9	234.0
00:30	15.0	237.7	16.0	231.0	17.0	232.0
00:45	15.0	235.0	16.5	227.7	17.1	229.5
01:00	14.4	229.2	15.8	218.7	14.0	235.5
01:15	16.3	224.7	15.1	222.6	14.4	231.4
01:30	15.8	227.0	15.6	225.7	14.8	228.0
01:45	15.0	226.0	15.8	225.7	15.3	224.2
02:00	15.9	223.4	15.4	224.4	16.4	223.0
02:15	15.4	265.0	16.0	240.0		
02:30	15.1	315.9	16.5	260.0		
02:45	15.3	314.9	17.0	280.0		
03:00	16.3	317.1	17.2	307.8		
03:15	15.3	315.9	15.7	309.7		
03:30						
03:45						
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	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	10.4	232.7	12.0	234.1		
13:15	11.0	230.4				
13:30	11.4	231.6				
13:45	11.4	233.0				
14:00	11.5	235.0				
14:15	11.5	236.4				
14:30						
14:45						
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22:45						
23:00						
23:15						
23:30						
23:45						
Avg	14.1	250.1	15.7	245.5	15.9	230.4
Max	16.3	317.1	17.2	309.7	17.1	236.0
Hr. of Max	12	12	12	13	03	00
Min	10.4	223.4	12.0	218.7	14.0	223.0
Count	20	20	15	15	9	9
Total						