

## Daily Summary Report

Site: ORNL Sodar

11/19/2017

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	.2	43.0	1.0	272.1	1.3	293.5	1.9	296.1	1.2
00:15	.3	19.9	.5	265.1	1.4	297.2	1.9	304.4	1.3
00:30	.4	345.8	.6	285.3	1.3	296.4	2.0	308.1	1.3
00:45	.4	334.9	.5	294.5	1.1	307.6	2.0	313.4	1.5
01:00	.2	329.1	.5	294.4	1.1	316.6	2.5	322.4	2.9
01:15	.2	338.2	.5	308.1	1.2	312.6	2.2	317.0	3.1
01:30	.3	346.0	.4	324.1	1.1	298.7	1.8	292.4	1.5
01:45	.3	348.6	.4	303.3	.9	284.7	1.2	288.1	1.0
02:00	.2	9.9	.5	273.6	.7	278.1	.8	291.7	.8
02:15	.2	2.1	.4	281.7	.6	287.5	1.0	298.2	.8
02:30	.2	348.0	.4	270.0	.6	288.0	1.0	300.0	.9
02:45	.2	347.0	.4	259.0	.7	289.0	1.0	302.0	1.0
03:00	.2	346.5	.3	246.7	.7	290.4	1.0	303.7	1.1
03:15	.2	3.7	.3	233.9	.7	291.2	1.2	302.2	1.4
03:30	.2	45.1	.1	290.2	.6	299.1	1.0	304.8	1.2
03:45	.3	51.9	.2	305.7	.8	292.9	1.0	307.8	1.0
04:00	.3	29.1	.3	282.6	1.1	293.5	1.4	298.2	.9
04:15	.5	38.8	.5	283.3	1.2	299.4	1.8	300.1	1.3
04:30	.1	323.4	.5	288.8	1.3	303.5	1.7	309.1	1.4
04:45	.6	259.9	.4	275.7	1.2	300.8	1.6	304.5	1.4
05:00	.6	271.7	.4	280.3	1.1	299.6	1.7	293.5	1.2
05:15	.2	309.5	.5	269.3	1.3	294.7	1.8	295.0	1.0
05:30	.1	9.6	.5	262.4	1.2	301.6	1.8	299.5	1.2
05:45	.3	317.9	.4	269.2	.9	309.8	1.3	299.1	1.1
06:00	.5	303.7	.4	249.8	.9	297.3	1.1	294.9	.9
06:15	.4	307.3	.3	251.5	1.1	302.2	1.5	304.1	1.1
06:30	.9	283.0	1.0	282.1	1.9	304.7	2.5	303.2	2.0
06:45	.7	294.2	1.1	282.3	1.9	302.1	2.4	303.7	1.6
07:00	.4	335.0	.6	269.3	1.0	308.2	1.4	304.9	.7
07:15	.3	329.8	.5	254.5	.9	296.4	1.4	286.2	1.1
07:30	.3	325.0	.4	245.9	1.1	286.3	1.9	287.9	1.3
07:45	.3	324.0	.6	256.5	1.1	286.5	1.7	290.0	1.1
08:00	.2	342.1	.6	251.0	1.0	286.0	1.2	287.9	.7
08:15	.1	27.7	.5	256.9	1.1	286.9	1.5	292.2	.5
08:30	.5	91.7	.4	285.8	.8	293.1	1.4	292.5	.5
08:45	.6	93.3	.3	331.4	.5	284.0	.7	289.7	.3
09:00	.2	70.3	.3	8.9	.5	273.1	.4	276.3	.3
09:15	.2	37.3	.2	345.8	.5	288.7	.3	279.9	.3
09:30	.2	17.6	.5	305.7	.9	293.3	.6	287.6	.3
09:45	.3	324.2	1.0	283.4	1.7	284.3	1.7	283.1	.5
10:00	.3	308.0	1.2	274.5	2.2	278.8	2.5	286.9	1.0
10:15	.9	279.2	2.3	276.1	3.3	275.7	4.1	281.5	2.7
10:30	2.0	276.2	3.0	275.4	4.3	274.5	5.1	277.9	3.9
10:45	1.1	282.4	2.4	280.1	4.2	281.9	4.7	286.6	3.4
11:00	.8	284.8	2.1	286.0	3.7	292.8	3.6	299.1	2.4
11:15	1.0	283.7	2.2	286.5	3.6	292.8	3.5	295.9	2.2
11:30	1.0	306.5	2.3	301.5	3.8	304.0	4.0	305.5	3.1
11:45	1.3	349.2	2.6	327.1	3.4	323.5	3.4	328.6	3.3
12:00	1.2	357.5	2.5	326.9	2.5	314.8	2.6	320.1	2.9
12:15	1.4	292.8	1.9	298.8	2.4	289.9	2.8	289.6	2.6



## Daily Summary Report

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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	289.4	.8	339.9	3.1	1.3				
00:15	304.3	2.0	326.9						
00:30	341.5	2.7	326.0						
00:45	346.0	2.6	302.5						
01:00	334.2	6.9	325.5	13.3	317.0	14.6	316.4	14.9	314.4
01:15	335.2	6.8	335.1	13.2	314.1	14.3	317.9	15.0	316.8
01:30	332.7	5.7	348.2	11.7	322.9	13.7	320.4	13.9	319.8
01:45	309.1	2.6	344.8	9.4	328.6	11.4	319.9	12.9	321.5
02:00	288.5	1.3	329.9	9.4	315.8	11.5	320.0	13.6	323.7
02:15	294.5	1.0	328.4	10.0	318.0	11.5	320.0	13.6	323.0
02:30	303.0	1.2	329.0	10.5	322.0	11.5	320.0	13.6	322.0
02:45	315.0	1.4	329.0	11.0	326.0	11.5	320.0	13.5	321.0
03:00	328.3	1.6	327.7	11.6	330.6	11.5	320.0	13.4	320.0
03:15	331.2	2.9	335.6	11.0	329.0	11.5	320.0	13.3	319.0
03:30	323.2	3.9	336.6	10.5	327.0	11.5	320.0	13.2	319.0
03:45	305.9	2.2	316.3	10.1	326.1	11.5	320.4	13.1	318.8
04:00	320.8	1.3	303.1	6.8	319.6	10.0	315.2	12.1	317.2
04:15	314.8	1.9	323.1	8.3	319.8	11.4	318.1	13.3	323.9
04:30	310.1	2.8	336.7	10.4	319.9	12.5	321.0	13.9	326.8
04:45	323.6	1.6	329.0	9.6	329.0	12.9	324.5	13.9	326.6
05:00	326.7	.9	323.6			12.9	325.0	13.9	326.5
05:15	318.0	1.0	324.0			12.8	325.0	13.9	326.3
05:30	309.7	1.4	296.6			12.8	326.0	13.9	326.2
05:45	315.4	1.0	303.3			12.8	326.0	13.9	326.0
06:00	320.0	.5	322.6	.9	298.4	12.7	327.0	13.9	325.9
06:15	318.5	1.1	285.0	3.0	307.3	12.7	327.0	13.9	325.7
06:30	313.6	2.0	297.3	4.3	312.0	12.7	327.0	13.9	325.6
06:45	303.4	1.4	298.9	2.5	312.7	12.6	328.0	13.9	325.4
07:00	305.0	.8	303.6	1.9	312.7	12.6	328.0	13.9	325.3
07:15	303.8	.9	309.3	3.4	320.5	12.5	328.0	13.9	325.1
07:30	299.6	.9	308.7	3.2	307.0	12.5	329.0	13.9	325.0
07:45	309.6	1.2	307.9	2.9	308.5	12.4	329.0	13.9	324.8
08:00	320.5	.8	292.9	1.9	315.3	12.4	330.0	13.9	324.7
08:15	311.0	.5	237.2			12.3	330.0	13.9	324.5
08:30	298.0	.5	270.0			12.3	331.0	13.9	324.4
08:45	304.0	.5	324.0			12.2	331.0	13.9	324.2
09:00	287.3	.5	308.4			12.2	332.0	13.9	324.1
09:15	262.7	.4	334.1			12.1	332.0	13.9	323.9
09:30	302.3	.7	358.2			12.1	333.0	13.9	323.8
09:45	305.3	.5	339.0			12.0	333.0	13.9	323.6
10:00	308.2	.6	283.9			12.0	333.0	13.9	323.5
10:15	288.9	2.3	278.8			11.9	334.0	13.9	323.3
10:30	282.7	3.7	278.2			11.9	334.0	13.9	323.2
10:45	293.2	3.5	290.2			11.8	335.0	13.9	323.0
11:00	308.1	2.4	314.0	9.1	326.3	11.8	335.0	13.9	322.9
11:15	301.7	2.5	301.3	9.0	330.0	11.7	335.0	13.9	322.7
11:30	312.1	3.4	316.3	8.5	335.0	11.7	336.0	13.9	322.6
11:45	337.2	3.8	341.8	8.3	339.3	11.6	336.6	13.9	322.4
12:00	327.8	2.7	319.9	8.5	335.2	11.7	331.6	13.8	322.5
12:15	291.7	2.7	279.9	6.4	317.0	13.0	334.0	14.9	316.1



## Daily Summary Report

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11/19/2017

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						
00:15						
00:30						
00:45						
01:00	14.7	319.6	14.2	324.4	16.4	320.9
01:15	14.0	319.5	14.6	324.7	16.4	320.5
01:30	13.1	317.3	15.6	314.6	16.4	320.2
01:45	12.1	316.3	14.6	317.3	17.1	315.4
02:00	12.8	319.1	14.5	317.0	18.2	316.6
02:15	12.9	320.0	14.5	317.0	18.0	317.0
02:30	12.9	320.0	14.4	317.0	17.8	318.0
02:45	12.9	320.0	14.3	317.0	17.7	319.0
03:00	13.0	321.0	14.2	317.0	17.6	320.0
03:15	13.0	321.0	14.1	317.0	17.5	321.0
03:30	13.0	322.0	14.0	317.0	17.4	322.0
03:45	13.1	322.0	13.8	316.9	17.3	323.0
04:00	11.9	319.2	13.7	316.9	17.2	324.0
04:15	12.8	322.3	14.2	314.2	17.0	325.0
04:30	15.1	328.7	14.9	325.9	16.8	326.0
04:45	15.0	328.7				
05:00	15.0	328.7				
05:15	15.0	328.7				
05:30	15.0	328.7				
05:45	15.0	328.7				
06:00	15.0	328.7				
06:15	15.0	328.7				
06:30	14.9	328.7				
06:45	14.9	328.7				
07:00	14.9	328.7				
07:15	14.9	328.7				
07:30	14.9	328.7				
07:45	14.9	328.7				
08:00	14.9	328.7				
08:15	14.9	328.7				
08:30	14.9	328.7				
08:45	14.9	328.7				
09:00	14.9	328.7				
09:15	14.9	328.7				
09:30	14.8	328.7				
09:45	14.8	328.7				
10:00	14.8	328.7				
10:15	14.8	328.7				
10:30	14.8	328.7				
10:45	14.7	328.7				
11:00	14.7	328.7				
11:15	14.7	328.7				
11:30	14.7	328.7				
11:45	14.7	328.7				
12:00	14.6	328.8				
12:15	14.0	327.3				

	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						
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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	14.3	326.0	14.4	318.3	17.3	320.6
Max	15.1	328.8	15.6	325.9	18.2	326.0
Hr. of Max	18	48	06	18	08	18
Min	11.9	316.3	13.7	314.2	16.4	315.4
Count	46	46	15	15	15	15
Total						