

## Daily Summary Report

Site: ORNL Sodar

2/8/2019

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	.6	252.3	1.3	264.0	2.7	273.6	6.8	273.2	8.6
00:15	.3	276.7	1.4	256.5	2.4	274.9	7.5	273.0	9.0
00:30	1.0	283.5	3.7	269.1	6.2	276.8	8.0	273.0	10.0
00:45	1.2	272.5	3.6	272.8	5.9	276.0	8.6	273.6	10.1
01:00	2.6	265.2	3.4	264.5	6.4	271.1	8.1	271.4	9.6
01:15	4.0	265.0	3.3	257.6	7.4	269.2	8.6	269.5	9.6
01:30	2.5	262.2	2.9	251.2	7.8	269.7	8.7	270.6	10.1
01:45	3.0	268.2	5.5	256.6	8.0	267.0	9.6	270.1	11.5
02:00	2.5	240.0	4.6	260.7	7.9	268.3	9.7	270.9	11.4
02:15	2.0	222.0	3.3	250.0	5.7	272.6	7.7	272.9	7.8
02:30	1.0	205.0	2.0	240.0	2.0	268.9	3.9	271.2	3.8
02:45	.2	188.2	1.1	231.9	.9	272.0	1.4	286.7	1.8
03:00	.1	200.9	.6	238.3	.9	285.2	1.6	298.0	3.6
03:15	.3	270.7	.2	265.0	.8	301.8	1.3	300.0	3.3
03:30	.4	275.7	.3	237.4	1.1	314.3	1.6	302.7	3.1
03:45	.1	295.3	.8	266.8	2.2	295.7	3.7	293.3	5.1
04:00	.1	161.3	.6	279.8	2.1	281.1	2.9	289.9	3.3
04:15	.2	237.5	.5	306.1	1.3	288.0	1.7	297.6	2.1
04:30	.4	298.2	1.0	315.1	2.0	303.9	2.4	301.8	3.7
04:45	.4	327.1	.9	315.0	2.2	295.5	2.9	289.2	3.6
05:00	.3	334.0	.5	324.0	1.0	297.7	1.6	299.1	1.5
05:15	.1	336.5	.5	320.6	.5	321.4	1.2	332.7	.7
05:30	.1	318.3	.3	300.9	.3	358.0	1.0	345.3	.6
05:45	.3	290.1	.1	282.7	.3	359.2	.5	352.0	.6
06:00	.4	285.4	.4	287.7	.4	310.8	.6	311.0	.8
06:15	.3	277.9	.6	290.4	.7	311.6	1.1	310.9	.9
06:30	.4	291.5	.5	283.8	.9	298.4	1.2	305.4	.9
06:45	.4	310.4	.2	272.7	.8	283.8	.9	297.1	.4
07:00	.4	291.5	.1	123.0	.2	353.1	1.2	283.1	.1
07:15	.5	275.6	.1	114.4	.3	32.9	1.3	274.4	.4
07:30	.4	278.9	.3	253.8	.6	315.3	.9	285.1	.7
07:45	.3	313.2	.8	240.2	.7	311.7	.5	314.0	.9
08:00	.4	352.6	.6	218.7	.4	335.6	.4	305.9	.4
08:15	.5	49.3	.3	232.0	.3	357.6	.8	281.9	.5
08:30	.8	77.5	.6	279.1	.3	313.2	.8	288.5	.3
08:45	.4	109.2	.3	269.4	.3	317.8	.6	300.1	2.8
09:00	.7	259.7	.1	164.4	.4	20.9	2.3	280.7	8.0
09:15	1.2	277.6	.4	305.4	.8	304.7	4.6	275.4	7.9
09:30	1.0	267.7	.9	290.0	1.1	284.9	1.9	282.4	3.6
09:45	1.7	269.6	1.8	273.5	1.4	287.5	2.5	284.3	2.6
10:00	1.9	282.5	3.2	275.2	3.5	284.4	4.8	280.0	3.7
10:15	1.9	276.4	2.9	283.9	4.6	285.8	5.3	285.5	4.7
10:30	2.7	286.2	3.3	292.5	4.6	289.5	5.1	288.6	5.3
10:45	6.0	284.0	5.0	290.8	6.1	287.1	6.1	287.3	6.3
11:00	5.7	281.1	5.3	297.5	6.5	290.4	7.0	288.6	7.4
11:15	5.3	281.1	4.5	302.7	5.7	295.7	6.0	291.5	6.3
11:30	3.9	300.6	3.6	300.1	4.5	299.4	5.1	297.4	4.8
11:45	2.4	291.1	2.3	291.6	3.4	293.0	4.2	292.7	4.0
12:00	2.5	267.1	1.7	269.3	3.1	279.6	3.8	283.9	4.1
12:15	2.9	275.0	2.4	284.9	3.4	285.0	3.8	285.5	4.1
12:30	3.0	276.1	3.0	289.2	3.3	279.6	3.8	277.8	4.0



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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	271.9			14.3	262.0				
00:15	273.0			14.0	270.0				
00:30	275.0			14.0	278.0				
00:45	276.7			13.8	285.0				
01:00	275.2	10.5	279.5	13.8	292.0				
01:15	272.0	10.7	274.5	13.6	301.2				
01:30	268.1	11.4	272.3	14.0	298.0				
01:45	269.3	12.7	273.1	14.7	296.3				
02:00	270.1	12.4	271.1	14.5	295.4				
02:15	269.5	9.8	271.5	14.0	298.0				
02:30	273.4	7.2	274.8	13.0	300.0				
02:45	275.9	7.1	275.1	12.0	303.0				
03:00	274.9	7.8	275.6	11.2	306.9	12.3	311.9	14.2	316.5
03:15	283.5	6.9	277.3	8.6	286.1	8.8	281.4	12.0	290.0
03:30	287.8	7.4	276.6	8.6	278.5	11.0	275.3	10.6	270.2
03:45	284.6	8.5	279.6	9.3	278.7	11.6	275.7	10.9	271.5
04:00	287.3	5.9	290.3	8.4	292.8	9.3	278.2	9.0	274.9
04:15	313.3	4.8	306.6	7.8	304.8	8.4	287.1	8.9	278.1
04:30	310.2	6.5	314.5	8.5	308.1	8.0	296.2		
04:45	294.2	6.7	301.0	9.1	301.5	8.6	297.4		
05:00	306.0	4.1	290.0	9.2	301.1	10.3	300.4		
05:15	333.6	1.4	326.5	8.3	310.8	10.6	304.8		
05:30	317.3	1.4	308.3	6.3	301.1	8.3	295.8		
05:45	319.0	1.4	294.8	5.8	292.7	8.0	297.3		
06:00	328.2	1.9	280.5	4.0	279.8	8.0	298.8		
06:15	320.6	3.1	272.5	5.1	268.2	7.8	300.3		
06:30	306.2	2.9	283.9	5.5	272.0	7.5	301.8		
06:45	306.5	1.5	330.1	6.0	276.0	7.5	303.3		
07:00	355.2	.3	300.4	6.0	280.0	7.3	304.8		
07:15	340.0	.7	229.5	6.5	283.0	7.3	306.3		
07:30	267.2	.7	236.6	6.5	286.0	7.0	307.8		
07:45	260.2	.6	322.0	7.0	289.0	7.0	309.3		
08:00	329.2	.6	300.0	7.0	292.0	7.0	310.8		
08:15	345.9	.6	275.0	7.5	295.0	7.0	312.3		
08:30	355.9	.5	255.4	7.5	298.0	7.0	313.8		
08:45	273.6	4.0	275.0	8.0	302.0	7.0	315.3		
09:00	273.6	8.6	296.1	8.3	305.7	6.8	317.6		
09:15	276.0	8.2	293.7	7.6	304.9	6.7	317.5		
09:30	275.9	7.7	289.5	7.3	300.9	6.9	308.6		
09:45	282.2	7.8	293.2	7.5	304.5	7.0	311.5		
10:00	289.5	7.3	300.5	7.0	310.9	7.1	315.1		
10:15	288.3	6.6	302.5	7.2	307.4	7.2	307.2		
10:30	289.0	6.5	300.0	7.9	303.8	6.7	305.3		
10:45	297.7	7.4	303.0	8.3	308.5	7.5	311.2	9.7	331.4
11:00	301.1	7.8	310.3	8.4	313.1	8.5	323.8	8.0	333.6
11:15	302.7	7.3	316.0	7.5	318.7	8.4	331.6	7.8	340.6
11:30	309.1	6.6	318.6	7.3	334.7	7.7	353.8	8.7	9.5
11:45	297.1	5.0	309.3	6.9	336.3	7.0	351.5	8.1	352.8
12:00	279.7	4.0	288.2	5.1	307.0	5.3	315.7	6.0	333.7
12:15	282.8	4.3	286.0	3.7	297.7	3.7	302.4	5.5	332.0
12:30	280.1	4.2	284.3	3.4	307.6	2.4	290.5	5.5	332.0



## Daily Summary Report

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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	14.7	318.6	14.9	317.6	14.5	312.9
03:15	13.0	305.0				
03:30	11.0	295.0				
03:45	10.0	280.0				
04:00	8.6	270.2				
04:15	10.2	271.0				
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						
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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						
12:30						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45						
13:00						
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						
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17:30						
17:45						
18:00						
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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	7.7	36.8				
22:45	8.0	37.5				
23:00	8.0	38.2				
23:15	8.5	38.9				
23:30	8.5	39.6				
23:45	9.0	40.3				
Avg	9.8	164.3	14.9	317.6	14.5	312.9
Max	14.7	318.6	14.9	317.6	14.5	312.9
Hr. of Max	12	12	12	12	12	12
Min	7.7	36.8	14.9	317.6	14.5	312.9
Count	12	12	1	1	1	1
Total						