

## Daily Summary Report

Site: ORNL Sodar

10/17/2018

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	.7	284.9	2.2	286.9	3.7	293.3	3.0	290.1	3.2
00:15	.9	264.1	2.3	284.5	3.5	291.4	3.7	290.2	4.2
00:30	2.3	264.5	2.4	285.1	3.8	292.1	5.0	290.7	5.6
00:45	3.0	265.9	3.0	287.5	4.5	296.6	6.0	295.9	6.5
01:00	3.0	273.3	3.3	289.4	5.1	300.3	6.8	303.2	7.0
01:15	3.0	273.7	3.4	284.8	5.0	295.6	6.9	301.1	7.6
01:30	2.5	263.7	3.0	279.7	4.3	289.3	6.2	295.4	8.0
01:45	1.8	261.4	2.3	278.4	3.7	289.7	5.3	294.3	7.3
02:00	2.3	267.8	2.2	279.7	3.5	288.5	5.0	293.1	6.9
02:15	3.5	269.5	2.8	279.1	3.7	289.3	5.2	293.8	7.3
02:30	2.0	269.0	3.4	276.3	3.6	291.0	4.8	292.8	6.8
02:45	1.3	270.6	3.1	275.5	3.7	287.8	5.2	288.5	7.0
03:00	3.3	270.8	3.4	272.3	4.6	280.9	6.2	286.1	7.7
03:15	4.8	270.0	4.2	271.2	5.3	280.2	6.7	288.2	7.8
03:30	4.1	270.8	4.9	270.9	5.7	281.9	6.9	289.3	8.1
03:45	2.9	268.3	3.5	271.7	4.9	284.8	6.3	290.4	8.1
04:00	1.9	265.5	1.6	278.0	2.6	297.1	4.0	300.8	6.4
04:15	1.0	264.9	1.1	282.8	2.2	303.5	3.5	305.5	4.6
04:30	2.0	275.7	2.9	288.1	3.4	300.9	4.5	305.8	5.3
04:45	2.7	284.7	3.5	294.3	3.9	305.1	4.7	313.0	5.5
05:00	1.3	273.5	2.4	287.5	2.7	302.3	3.6	311.1	3.7
05:15	.7	249.4	1.5	271.5	1.9	295.3	2.7	305.9	2.2
05:30	.7	255.3	1.5	270.0	1.9	296.9	2.5	315.0	1.7
05:45	.8	261.4	1.1	264.4	1.6	293.3	2.0	312.1	1.7
06:00	.7	261.7	.5	250.7	1.4	297.3	2.0	306.3	1.9
06:15	.5	252.0	.1	142.5	1.3	308.5	2.2	313.2	1.9
06:30	.3	230.6	.3	134.2	1.0	312.9	1.7	317.5	1.6
06:45	.2	198.5	.4	169.1	.6	316.7	1.0	329.8	1.0
07:00	.1	200.1	.1	190.9	.7	319.8	.9	336.6	.3
07:15	.2	280.6	.3	288.1	1.1	315.0	1.1	330.1	.1
07:30	.4	290.9	.3	292.2	1.3	321.2	2.0	327.4	1.2
07:45	.4	279.0	.5	309.6	1.7	316.1	2.7	320.1	1.9
08:00	.5	251.9	.6	294.8	1.8	306.2	2.4	320.3	1.6
08:15	.5	270.2	.5	285.1	1.8	308.7	2.6	324.7	1.3
08:30	.4	299.0	.6	297.1	2.3	316.1	3.0	324.6	1.4
08:45	.5	338.9	.7	327.9	2.6	325.2	2.9	335.3	1.5
09:00	.7	353.3	1.0	356.9	2.5	332.2	2.8	344.8	1.4
09:15	.3	334.5	.7	7.5	2.0	335.5	2.3	345.7	1.0
09:30	.2	350.4	.3	3.1	1.4	346.7	2.1	356.1	1.1
09:45	.3	23.4	.4	349.7	1.5	354.3	2.1	5.4	.8
10:00	.2	26.8	.4	66.0	1.0	3.6	1.0	8.0	.3
10:15	.1	47.4	.6	127.3	.1	94.5	.2	24.3	.2
10:30	.3	123.5	.7	194.7	.4	182.0	.4	108.9	.3
10:45	.4	136.8	.6	182.0	.7	157.3	.7	129.3	.5
11:00	.5	149.1	1.0	115.2	1.3	131.1	1.7	146.9	1.5
11:15	.6	140.0	1.2	132.2	1.3	125.0	1.7	142.7	1.5
11:30	.4	129.5	1.0	171.2	.9	170.0	.8	161.6	.3
11:45	.4	126.2	1.0	168.8	1.2	175.7	1.2	166.4	.7
12:00	1.0	119.4	1.1	173.1	1.1	147.7	.9	128.5	.5
12:15	.8	132.8	.9	184.0	.9	147.3	.8	115.4	.6
12:30	.4	209.3	.9	182.9	.5	169.5	.8	158.4	.4



## Daily Summary Report

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10/17/2018

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	271.0	3.3	272.5	6.0	267.7	6.0	265.0		
00:15	272.9	4.3	271.5	6.8	269.0	8.1	265.9		
00:30	276.8	4.5	276.5	7.0	271.9	8.7	260.9	8.6	248.3
00:45	283.1	5.5	283.2	6.8	271.1	7.6	265.0	8.7	245.6
01:00	289.7	6.3	283.8	7.1	275.9	7.0	268.5	8.6	250.2
01:15	293.3	7.5	284.3	7.8	283.8	6.7	269.7	8.3	262.3
01:30	292.6	9.0	288.4	9.3	285.5	8.2	273.1	8.1	273.3
01:45	295.3	8.7	294.7	9.8	288.8	9.3	277.7	8.5	274.0
02:00	299.1	8.3	300.5	10.2	292.3	9.8	284.4	8.5	275.0
02:15	299.9	8.5	301.1	10.8	293.0	9.9	283.3	8.5	276.0
02:30	299.0	8.1	299.9	10.7	292.7	9.5	285.0	9.0	277.0
02:45	296.2	8.3	302.7	10.1	297.1	9.4	287.7	9.0	278.0
03:00	295.8	9.1	305.9	9.4	305.4	9.0	293.2	9.1	279.7
03:15	298.4	9.2	308.2	10.2	315.9	9.9	302.8	9.3	287.8
03:30	299.1	9.2	308.9	10.9	319.4	11.0	309.4	11.2	302.2
03:45	299.8	9.0	308.9	9.8	320.5	10.4	318.8	12.1	311.8
04:00	301.8	7.3	311.2	8.0	325.2	8.7	329.3	10.3	317.6
04:15	306.8	5.5	315.9	6.6	328.7	7.0	333.6	8.6	319.8
04:30	319.1	5.8	328.1	5.8	336.4	5.9	334.1	7.3	324.9
04:45	324.0	5.1	331.4	4.5	340.2	5.1	334.3	6.6	330.4
05:00	332.6	3.4	345.0	3.3	353.4	3.3	354.7	5.3	332.3
05:15	341.6	2.1	10.9	2.1	16.6	2.5	10.9	4.0	343.6
05:30	343.0	1.5	7.7	1.3	27.3	2.6	.1	4.2	332.4
05:45	331.2	1.7	351.9	.8	30.2	3.2	5.6	3.9	335.4
06:00	323.8	1.2	359.4	1.2	80.0	1.7	44.0		
06:15	340.2	1.6	11.2	3.2	13.0	5.0	14.0		
06:30	351.0	1.6	14.8	2.1	17.3	4.8	16.0		
06:45	8.8	.9	54.1	1.0	359.0	4.5	18.0		
07:00	88.1	.5	51.8	.4	346.8	4.3	20.0		
07:15	16.6	.4	33.7	1.6	7.9	4.0	22.0		
07:30	338.4	1.6	7.3	1.6	5.0	4.0	25.0		
07:45	338.5	2.0	359.3	1.5	3.0	3.5	27.0		
08:00	347.1	1.4	4.5	1.4	1.0	3.0	29.0		
08:15	356.4	.9	358.3	1.2	359.0	2.5	31.0		
08:30	358.4	2.9	342.5	1.0	359.0	2.0	34.0		
08:45	4.6	2.2	352.9	.9	357.0	1.5	37.0		
09:00	6.7	1.0	43.5	.7	355.0	1.0	40.0		
09:15	7.6	.5	86.0	.5	353.0	.5	43.0		
09:30	11.2	.4	79.8	.3	351.9	.2	46.3		
09:45	22.0	.6	63.7	1.1	9.6	1.9	283.4		
10:00	37.7	.4	44.9	1.5	356.3	1.9	289.1		
10:15	57.0	.6	67.5	1.2	4.9	1.0	318.2		
10:30	80.5	.6	44.0	1.3	354.3	.8	345.0		
10:45	123.5	.8	19.8	1.4	353.4	.9	37.5	2.1	73.8
11:00	160.4	.6	108.0	.3	32.7	.5	68.6		
11:15	166.8	.9	167.2						
11:30	115.4	.3	342.4						
11:45	144.7	.2	91.9						
12:00	89.4	.5	120.9						
12:15	66.0	.8	125.2						
12:30	97.7	.6	112.0						



## Daily Summary Report

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10/17/2018

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	10.1	266.0				
01:45	10.0	268.0				
02:00	10.0	270.0				
02:15	9.8	271.0				
02:30	9.8	272.0				
02:45	9.8	273.0				
03:00	9.8	274.3				
03:15	9.1	278.0				
03:30	10.8	296.2				
03:45	11.9	303.7	12.1	296.6		
04:00	11.1	307.4	12.6	301.8		
04:15	10.1	308.1				
04:30	7.8	315.0				
04:45	7.0	319.7				
05:00	7.0	317.7				
05:15	6.9	324.4				
05:30	7.8	323.5				
05:45						
06:00						
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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						
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22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	9.3	293.4	12.4	299.2		
Max	11.9	324.4	12.6	301.8		
Hr. of Max	15	21	16	16		
Min	6.9	266.0	12.1	296.6		
Count	17	17	2	2	0	0
Total						