

Daily Summary Report

Site: ORNL Sodar

3/31/2019

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	2.7	269.5	6.0	269.8	8.1	265.9	9.0	267.0	10.0
00:15	.8	261.6	3.9	279.6	5.9	275.5	7.0	275.2	8.0
00:30	.4	199.2	2.1	278.7	4.3	280.7	5.5	282.8	6.9
00:45	.5	229.3	1.7	261.5	3.6	276.7	3.8	287.6	6.3
01:00	.4	256.8	2.3	271.4	3.9	279.3	5.2	283.7	6.7
01:15	.3	288.6	1.1	277.4	2.4	284.9	4.7	281.6	6.3
01:30	.2	290.9	1.3	280.4	2.3	287.3	4.8	284.2	8.1
01:45	.2	280.7	1.6	280.7	2.7	283.3	6.7	278.8	9.0
02:00	.4	297.0	.7	284.0	2.2	290.0	4.9	282.4	8.4
02:15	.2	296.7	1.0	287.9	5.4	280.4	7.8	281.7	9.8
02:30	.1	272.9	.9	287.3	5.3	276.5	8.9	278.0	8.5
02:45	.5	278.5	2.2	282.3	4.4	279.1	8.3	279.3	8.2
03:00	.9	274.1	3.1	277.3	5.0	281.4	8.0	283.3	8.5
03:15	1.6	272.7	2.5	271.6	4.3	280.2	7.2	282.6	8.0
03:30	.9	279.9	1.2	269.0	3.0	278.9	4.3	283.2	5.7
03:45	.2	316.4	.3	275.0	1.4	291.2	1.9	295.0	3.0
04:00	.4	303.1	.1	286.8	1.2	299.9	2.0	294.6	2.6
04:15	.6	304.9	.3	274.7	1.3	308.1	2.4	297.2	2.9
04:30	.3	321.8	.7	274.9	1.4	313.4	3.1	296.4	4.4
04:45	.3	15.4	.7	280.2	1.7	306.0	3.0	300.8	4.2
05:00	.3	19.9	.3	280.0	1.6	305.1	2.8	307.4	3.0
05:15	.4	358.9	.3	275.4	1.3	313.1	2.4	310.2	2.1
05:30	.5	350.7	.3	296.6	1.0	320.4	1.9	309.4	1.4
05:45	.5	322.8	.3	300.6	.9	316.9	1.5	301.6	1.4
06:00	.4	320.2	.6	293.6	1.6	296.7	2.5	292.1	3.5
06:15	.5	326.5	.9	295.9	2.8	287.6	4.0	288.6	5.4
06:30	.3	315.3	1.9	286.7	4.0	289.6	5.2	296.2	6.3
06:45	.2	33.6	1.8	291.1	3.9	294.0	5.0	305.6	4.9
07:00	.2	40.0	.9	311.5	2.3	299.7	3.5	313.4	3.0
07:15	.4	52.9	.7	315.4	1.8	308.0	2.5	313.3	1.8
07:30	.5	58.7	1.0	319.8	2.0	310.0	2.3	313.2	1.3
07:45	.5	53.8	.8	308.3	1.7	307.7	2.3	314.4	1.5
08:00	.5	45.3	.3	299.6	1.1	319.1	1.7	324.8	1.3
08:15	.3	40.6	.3	354.9	.9	336.8	1.4	333.6	1.2
08:30	.2	30.2	.1	353.1	.4	340.9	.8	323.4	1.1
08:45	.2	50.0	.0	333.5	.2	348.7	.4	328.5	.7
09:00	.2	66.0	.0	192.9	.2	359.4	.4	333.6	.4
09:15	.3	66.1	.1	247.9	.2	350.9	.3	327.4	.3
09:30	.3	77.4	.0	314.1	.3	341.6	.6	333.9	.5
09:45	.2	78.5	.1	320.7	.5	355.8	.9	348.1	.7
10:00	.0	357.8	.2	293.6	.4	346.8	.8	343.6	.9
10:15	.1	311.8	.2	293.3	.3	355.1	.5	353.1	.5
10:30	.1	266.4	.4	313.7	.3	12.2	.7	3.1	.3
10:45	.2	92.4	.4	340.8	.6	34.2	.9	14.7	.9
11:00	.6	335.4	1.3	11.5	2.8	15.5	3.1	11.1	3.2
11:15	.9	324.1	2.2	7.4	3.8	1.3	4.0	358.1	3.6
11:30	.6	305.4	.6	.9	1.5	329.4	2.5	329.3	2.2
11:45	1.3	303.5	1.4	311.2	2.6	319.1	3.0	325.6	2.6
12:00	1.6	316.0	2.1	314.0	3.1	316.7	3.1	326.0	3.3
12:15	.5	356.3	1.1	350.7	1.5	343.4	2.0	347.9	2.5
12:30	.9	329.4	1.9	328.6	2.4	323.4	2.9	330.9	3.2

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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	266.0	11.7	262.0						
00:15	275.0	10.5	273.0						
00:30	283.8	9.6	283.1	13.5	310.5	15.3	309.5	15.3	304.3
00:45	290.2	7.4	303.7	12.4	314.9	14.6	310.5	16.8	303.7
01:00	290.1	9.1	301.2	12.7	308.5	14.7	309.7	16.7	307.4
01:15	284.1	9.6	292.5	12.6	305.5	15.0	308.0	15.5	310.0
01:30	289.1	10.9	297.9	13.7	309.5	14.5	307.2	15.0	309.7
01:45	289.1	12.4	302.6	15.1	310.3	13.8	307.2	14.7	309.4
02:00	285.2	11.4	302.6	14.2	309.0	12.7	309.9	12.2	310.3
02:15	285.3	11.6	299.7	13.4	306.9	13.2	316.0	11.7	313.2
02:30	282.8	12.0	289.6	13.6	307.9	13.6	312.1	13.6	318.7
02:45	283.8	12.1	294.1	13.2	311.1	12.6	310.3	11.4	320.3
03:00	289.2	11.6	299.0	12.9	311.6	12.5	314.0	11.0	318.1
03:15	286.2	10.5	295.3	11.6	307.8	11.3	310.7	10.6	316.3
03:30	284.9	9.3	292.3	9.3	303.5	8.7	302.7	7.9	308.5
03:45	290.5	6.3	292.3	8.4	297.0	8.2	295.6	7.2	297.4
04:00	286.1	5.1	284.7	8.1	286.9	7.8	283.4	6.9	285.6
04:15	304.1	6.1	296.1	8.4	301.6	6.9	294.9	5.8	285.5
04:30	306.2	8.0	309.6	9.9	315.9	8.2	314.0	5.8	288.3
04:45	309.1	6.9	314.1	9.4	323.6	7.7	318.0	5.8	280.7
05:00	325.6	3.9	313.9	5.7	313.4	4.5	290.0	4.5	285.2
05:15	318.5	3.1	304.4	5.3	311.9	5.1	301.3	5.4	305.4
05:30	305.2	2.4	302.6	6.3	314.0	7.0	315.2	6.1	301.0
05:45	301.9	2.1	304.5	6.5	308.5	7.4	318.7	7.1	312.2
06:00	291.0	4.9	302.0	7.0	317.4	7.2	323.9	7.9	323.5
06:15	296.3	6.5	305.5	8.2	322.3	7.2	322.6	7.9	318.7
06:30	304.9	6.9	312.9	9.0	321.9	5.0	310.0	7.8	320.0
06:45	314.3	5.5	319.8	7.4	324.5	3.0	295.0	7.5	322.0
07:00	323.1	3.1	322.8	3.8	329.4	2.8	282.2	7.5	324.0
07:15	324.5	1.7	322.2	1.8	331.5	1.5	284.8	7.3	326.0
07:30	318.1	1.1	305.9	1.9	328.2	2.3	305.0	7.0	328.0
07:45	326.5	1.1	305.7	1.8	323.0	3.0	315.3	6.8	330.0
08:00	325.8	1.4	307.9	4.3	335.7	3.6	318.0	6.5	334.0
08:15	318.4	1.8	320.3	7.3	342.6	6.1	339.7	6.4	338.8
08:30	329.3	1.5	327.3	4.3	338.9	5.0	348.0	5.0	332.0
08:45	330.7	1.0	340.3	2.4	339.3	2.2	325.7	3.0	325.0
09:00	310.9	.7	342.7	2.4	346.9	1.6	303.5	1.7	316.9
09:15	307.6	.3	332.3	1.9	347.6	1.0	295.6	2.1	308.5
09:30	316.2	.5	331.2	.9	323.0	1.1	263.7		
09:45	338.5	.6	330.8	1.5	315.0	1.6	302.3		
10:00	349.7	.7	330.1	2.4	337.7	3.1	342.1		
10:15	6.6	.4	334.4	3.0	352.7	3.1	355.8		
10:30	3.4	.5	4.6	1.3	2.0	1.7	357.2		
10:45	10.7	1.5	3.4	2.0	359.1	1.4	340.2		
11:00	8.1	3.7	1.3	3.6	4.6	1.3	7.1	1.0	149.4
11:15	357.7	4.0	352.1	3.4	351.2	2.9	351.5	.7	295.4
11:30	330.6	2.5	332.9	2.3	328.8	2.9	332.4	2.0	303.0
11:45	330.9	2.7	334.5	2.2	326.8	2.2	291.1	5.0	287.0
12:00	328.4	2.6	316.6	3.3	278.1	6.0	266.8	8.1	265.5
12:15	349.0	2.0	330.9	2.8	297.2	4.8	278.8	8.0	265.3
12:30	335.7	3.1	341.1	3.2	333.2	3.0	320.1	4.1	316.1

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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	16.6	303.4				
01:15	15.5	307.1	17.0	306.0	20.6	296.5
01:30	16.0	311.6	15.1	307.6		
01:45	12.9	318.8	13.0	309.0		
02:00	11.8	315.1	12.0	311.0		
02:15	11.7	311.0	11.0	313.0		
02:30	12.8	320.0	10.7	315.8		
02:45	11.4	314.9	11.1	320.7		
03:00	10.9	315.1	10.0	319.0		
03:15	9.5	310.0	9.0	317.0		
03:30	8.5	304.1	8.0	314.0		
03:45	8.0	299.6	7.1	311.4		
04:00	7.0	289.8	6.0	300.0		
04:15	6.5	290.7	4.8	298.8		
04:30	5.8	274.6				
04:45	5.0	266.2				
05:00	4.3	270.8				
05:15	5.0	285.0				
05:30	6.0	300.0				
05:45	7.0	312.0				
06:00	7.9	324.6				
06:15	6.3	320.7				
06:30						
06:45						
07:00						
07:15						
07:30						
07:45						
08:00						
08:15						
08:30						
08:45						
09:00						
09:15						
09:30						
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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	15.5	313.7				
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						
17:45						
18:00						
18:15						
18:30						
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21:00						
21:15						
21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	9.6	303.4	10.4	311.0	20.6	296.5
Max	16.6	324.6	17.0	320.7	20.6	296.5
Hr. of Max	04	24	05	11	05	05
Min	4.3	266.2	4.8	298.8	20.6	296.5
Count	23	23	13	13	1	1
Total						