

Daily Summary Report

Site: ORNL Sodar

11/20/2018

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	.9	276.8	.6	280.4	1.4	300.1	2.0	302.8	1.6
00:15	.8	275.9	.9	286.3	1.2	292.5	1.7	304.0	1.9
00:30	.5	276.7	.9	296.7	1.0	293.7	1.4	306.5	1.9
00:45	.4	275.9	.8	296.6	1.2	304.4	1.4	309.8	1.6
01:00	.3	283.8	.9	289.4	.9	302.1	1.3	307.2	1.1
01:15	.4	287.9	.7	286.1	.9	290.6	1.4	304.4	1.2
01:30	.3	280.1	.3	316.2	.9	297.8	1.4	313.1	1.1
01:45	.1	299.1	.5	301.7	1.0	304.5	1.7	312.8	.8
02:00	.3	286.7	.6	300.9	1.0	318.2	1.6	321.9	.8
02:15	.7	289.7	.6	291.4	1.4	337.7	1.7	333.5	.9
02:30	.6	303.2	1.0	295.9	1.5	335.3	1.6	340.0	.9
02:45	.5	304.8	.7	297.7	1.2	324.2	1.4	340.1	1.2
03:00	.4	302.6	.5	263.2	.9	305.0	1.7	317.7	3.0
03:15	.2	12.9	.5	262.0	.9	300.0	2.1	301.4	4.1
03:30	.2	64.0	.5	241.3	.7	301.9	1.5	301.8	2.7
03:45	.3	85.7	.3	244.8	.6	285.0	1.0	308.3	1.8
04:00	.4	67.9	.2	275.5	.7	295.6	.9	296.1	1.3
04:15	.4	52.3	.3	253.8	.4	301.1	.4	297.4	.6
04:30	.2	27.4	.1	236.7	.5	289.1	.6	314.8	.4
04:45	.2	339.9	.1	311.1	.7	298.9	1.0	302.1	.4
05:00	.3	350.9	.4	293.1	1.0	303.4	1.5	297.4	1.1
05:15	.2	347.5	.8	282.8	1.3	292.0	2.0	291.9	1.7
05:30	.3	304.8	1.3	273.2	1.4	286.0	1.9	293.1	1.3
05:45	.4	301.9	1.0	266.8	1.4	288.4	1.6	300.9	1.5
06:00	.2	308.3	.6	272.8	1.0	303.4	1.0	307.4	1.3
06:15	.2	325.3	.5	282.0	.9	305.8	1.2	301.2	1.1
06:30	.2	323.0	.4	287.1	.8	286.6	1.1	297.1	1.1
06:45	.2	338.4	.6	284.7	.6	293.8	.6	299.6	.7
07:00	.3	346.2	.4	276.7	.3	312.7	.3	333.0	.9
07:15	.3	315.8	.3	285.4	.2	310.0	.4	327.7	1.0
07:30	.3	317.4	.2	282.5	.3	296.6	.5	314.9	1.0
07:45	.2	349.0	.2	229.9	.3	278.6	.3	301.7	.4
08:00	.4	337.6	.2	227.4	.5	276.4	.6	267.4	.5
08:15	.4	325.6	.2	238.4	.5	282.9	.4	272.5	.6
08:30	.3	308.8	.2	247.6	.5	284.9	.3	286.5	1.2
08:45	.3	318.7	.3	308.6	.7	298.8	.7	306.0	2.2
09:00	.2	286.7	.8	292.4	1.2	297.0	1.4	303.1	1.8
09:15	.9	278.7	1.8	286.7	2.7	285.3	2.8	295.7	2.8
09:30	1.1	291.7	2.4	290.5	3.6	294.9	4.0	304.4	3.2
09:45	.9	289.9	2.1	295.6	3.2	298.5	4.1	296.1	2.6
10:00	2.2	308.9	2.9	301.0	4.1	299.1	4.8	293.5	4.8
10:15	3.1	306.9	4.2	300.7	5.2	300.2	5.3	300.5	5.7
10:30	2.0	302.3	4.0	311.8	4.9	304.9	5.3	303.9	5.3
10:45	1.1	302.9	3.4	314.7	4.2	310.8	4.6	308.1	4.8
11:00	1.0	286.7	3.2	296.8	3.5	314.3	3.4	314.6	3.1
11:15	.9	279.8	2.8	304.8	3.7	309.3	3.6	311.2	2.2
11:30	1.2	265.1	2.8	309.2	3.6	294.9	4.1	297.8	3.3
11:45	1.5	268.3	3.5	297.0	3.7	290.0	4.0	288.0	3.8
12:00	1.7	279.0	3.4	292.3	3.2	289.0	3.2	282.8	3.4
12:15	2.6	297.6	2.9	298.0	3.6	300.7	3.7	305.6	4.0
12:30	3.3	293.1	5.1	285.7	5.8	293.8	5.8	298.2	6.0

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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	320.6	4.2	296.8	7.6	297.3	8.4	294.3	9.4	287.8
00:15	314.1	4.0	299.7	7.7	299.8	8.3	292.8	8.5	286.2
00:30	307.2	4.0	298.4	8.3	296.3	9.0	294.9	9.3	286.6
00:45	317.4	3.3	298.9	7.8	294.3	8.6	293.4	9.8	287.5
01:00	311.2	3.0	290.3	6.5	290.9	8.2	288.5	9.7	286.0
01:15	303.0	3.0	287.5	7.3	291.2	8.9	290.1	9.7	287.1
01:30	299.7	2.4	294.8	7.9	293.8	9.4	294.3	10.0	294.0
01:45	310.0	2.1	291.7	8.0	299.4	9.2	297.2	10.0	297.2
02:00	324.7	1.3	295.9	7.8	298.1	9.1	297.1	9.9	298.4
02:15	318.9	1.4	295.8	7.5	291.0	9.2	297.4	10.3	300.0
02:30	307.5	2.6	302.1	7.6	298.1	9.3	296.9	10.9	303.8
02:45	305.5	4.0	293.0	8.6	296.3	10.3	295.7	11.7	303.8
03:00	287.9	6.4	282.0	10.1	289.5	11.9	292.3	12.9	300.2
03:15	285.2	6.7	281.3	10.0	288.5	12.4	289.2	13.0	292.8
03:30	291.3	5.4	281.2	8.1	290.3	10.0	290.3	11.0	295.0
03:45	290.8	4.3	280.8	6.8	291.2	8.1	290.7	9.0	299.0
04:00	286.1	3.1	283.3	6.3	287.0	7.1	288.3	8.1	301.9
04:15	283.9	.8	309.0	4.8	287.7	6.2	289.4	7.2	298.8
04:30	270.7	.6	323.1	3.2	311.0	6.4	284.5	8.4	300.4
04:45	301.1	1.0	310.7	5.4	305.7	8.2	294.7	11.3	298.0
05:00	305.7	1.5	309.8	7.0	295.3	8.9	300.8		
05:15	283.5	2.2	293.6	7.1	293.8	8.5	302.3		
05:30	296.1	2.5	295.8	8.4	305.9	11.2	316.9		
05:45	297.8	2.5	297.1	8.8	308.8	11.1	316.0		
06:00	288.2	3.2	277.7	9.0	306.0	11.1	315.0		
06:15	284.5	3.2	276.2	9.3	305.0	11.1	315.0		
06:30	291.8	2.3	284.4	9.5	303.0	11.0	314.0		
06:45	283.6	1.1	309.7	9.5	301.0	11.0	314.0		
07:00	276.3	1.0	301.5	9.8	300.0	10.8	314.0		
07:15	301.4	2.4	286.2	10.0	298.0	10.8	313.0		
07:30	307.0	5.3	284.3	10.3	296.4	10.5	313.0		
07:45	279.5	4.9	284.9	9.8	300.5	10.5	312.0		
08:00	292.3	3.2	284.1	8.8	311.8	10.3	312.0		
08:15	302.5	1.6	285.8	7.7	312.7	10.3	312.0		
08:30	272.1	4.8	281.7	8.3	301.3	10.0	311.4		
08:45	276.2	5.9	288.2	8.7	300.5	8.7	301.9		
09:00	282.9	5.6	300.7	7.3	307.7	8.5	310.0		
09:15	300.8	5.4	310.2	5.5	311.8	7.5	320.0		
09:30	314.8	5.4	316.1	5.7	316.6	6.8	332.3		
09:45	294.9	4.3	317.0	5.9	317.3	6.8	326.8		
10:00	289.1	5.1	299.5	5.5	309.3	6.6	324.0		
10:15	299.7	5.6	301.2	5.9	305.9	6.4	321.0		
10:30	308.2	5.6	314.2	6.2	312.7	6.3	319.0		
10:45	309.6	5.1	314.5	6.2	316.9	6.2	316.0		
11:00	315.6	3.2	323.0	6.2	326.2	6.1	313.0		
11:15	306.7	2.5	317.1	5.1	322.8	6.0	311.0		
11:30	291.9	3.4	297.2	4.6	298.4	5.7	309.0		
11:45	290.8	3.6	296.5	4.7	288.7	5.6	307.0		
12:00	281.4	3.2	288.2	4.5	283.0	5.5	305.0		
12:15	307.1	3.6	306.8	5.7	314.3	5.3	302.4		
12:30	302.4	5.6	306.8	6.3	314.6	6.0	310.2		

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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	9.6	274.1	9.8	272.8		
00:15	9.6	272.6	10.0	272.0		
00:30	10.0	282.0				
00:45	10.2	279.0				
01:00	10.1	276.1				
01:15	10.2	280.3				
01:30	10.0	286.0				
01:45	9.4	291.6				
02:00	9.6	296.0				
02:15						
02:30						
02:45						
03:00						
03:15						
03:30						
03:45						
04:00						
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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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22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	9.9	282.0	9.9	272.4		
Max	10.2	296.0	10.0	272.8		
Hr. of Max	05	08	01	00		
Min	9.4	272.6	9.8	272.0		
Count	9	9	2	2	0	0
Total						