

Daily Summary Report

Site: ORNL Sodar

1/20/2019

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	.1	242.1	.2	266.0	.4	3.7	.7	9.9	1.2
00:15	.2	175.1	.3	232.9	.1	336.1	.3	325.1	1.0
00:30	.2	133.7	.4	226.7	.8	265.2	1.3	274.3	.9
00:45	.2	93.8	.3	182.3	.5	277.9	1.0	280.8	.2
01:00	.2	75.5	.2	201.9	.2	285.7	.2	327.8	.2
01:15	.2	345.4	.3	282.5	.7	285.5	1.0	296.1	.4
01:30	.2	310.4	.5	298.2	.8	300.6	1.2	301.4	.5
01:45	.1	298.4	.2	275.3	.7	301.9	.9	295.0	.4
02:00	.2	1.4	.1	337.1	.7	286.6	1.0	280.4	.5
02:15	.4	40.1	.4	270.6	1.0	271.5	1.4	275.1	.9
02:30	.7	45.3	.5	257.4	.9	273.1	1.1	277.5	.5
02:45	.4	348.3	.2	299.7	.8	288.4	1.1	289.5	.7
03:00	.4	292.1	.5	280.3	2.2	277.8	3.4	280.4	5.4
03:15	.1	288.5	.3	270.7	4.0	271.9	6.5	273.4	8.4
03:30	.7	74.1	.1	264.1	2.9	270.5	5.9	272.0	8.8
03:45	.3	339.5	.7	275.1	2.5	274.5	5.0	276.8	7.2
04:00	.2	287.4	.8	274.4	2.7	280.4	5.3	281.8	5.5
04:15	.3	267.0	.5	269.7	1.3	291.2	2.3	292.1	2.8
04:30	.6	268.1	.5	276.2	1.9	284.1	4.6	278.9	5.5
04:45	.6	269.9	.5	283.4	2.3	282.3	7.1	276.5	8.2
05:00	.6	263.5	.3	308.2	1.8	297.3	6.9	277.5	8.7
05:15	1.0	259.8	.7	291.4	2.6	290.5	5.0	283.0	9.9
05:30	.5	253.3	.9	277.0	2.0	293.3	4.1	284.0	7.4
05:45	.2	151.3	.5	287.3	.8	315.2	1.3	283.7	1.8
06:00	.3	177.9	.2	326.6	.6	291.8	1.1	272.7	.9
06:15	.3	197.5	.2	306.7	.9	290.6	1.6	280.9	.6
06:30	.3	230.3	.4	294.7	1.4	292.7	2.0	291.8	.7
06:45	.4	206.2	.3	307.7	.9	299.5	1.4	298.9	.9
07:00	.7	221.3	.1	244.6	.7	289.1	.9	286.9	.7
07:15	.7	246.3	.1	269.4	.7	300.7	.8	285.8	.6
07:30	.8	249.6	.3	318.2	.7	307.1	.8	287.7	.7
07:45	.9	248.0	.3	297.0	.7	298.1	.6	289.3	.8
08:00	.5	246.0	.3	282.5	.5	288.4	.5	287.9	.6
08:15	.5	261.9	.4	297.0	.7	284.3	.7	286.9	.7
08:30	.7	264.6	.3	268.8	.9	288.9	1.1	291.2	.8
08:45	.5	229.0	.2	259.7	.9	286.1	1.0	280.9	.5
09:00	.4	196.4	.1	317.0	.8	279.5	.9	280.3	.7
09:15	.4	199.7	.3	292.3	1.0	278.5	1.3	295.4	1.3
09:30	.5	191.7	.7	290.7	1.7	288.5	2.2	295.3	1.7
09:45	.6	186.8	.6	303.8	1.6	298.4	2.2	299.4	1.8
10:00	.3	184.2	.3	299.9	.9	316.4	1.2	316.7	1.7
10:15	.1	266.6	.4	308.4	.8	332.1	1.0	333.5	1.4
10:30	.3	272.8	.5	323.0	1.3	338.1	1.5	335.9	1.1
10:45	.5	275.8	.3	327.2	1.3	355.7	1.6	352.5	1.0
11:00	.6	255.8	.7	274.9	1.0	321.6	1.5	332.7	1.3
11:15	.6	231.6	.9	299.1	1.5	315.7	1.9	328.6	1.9
11:30	.6	278.9	1.8	348.4	2.5	347.1	3.1	356.2	3.5
11:45	1.2	315.5	2.5	346.4	3.4	345.2	3.8	344.2	4.0
12:00	3.0	340.7	3.8	340.6	4.4	331.6	4.7	328.0	5.3
12:15	3.0	329.1	4.4	330.2	4.9	321.8	5.1	322.1	5.8
12:30	1.4	272.7	3.5	314.9	4.8	317.5	5.6	314.6	5.4

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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	355.4								
00:15	290.0								
00:30	237.8								
00:45	276.3	.5	6.9						
01:00	347.3	.7	358.8	1.5	321.0				
01:15	354.0	.9	359.1	1.5	336.8				
01:30	331.4	.7	4.2	.9	353.3				
01:45	339.6	.5	358.6	.7	43.3				
02:00	5.7	.5	353.8	1.4	3.2				
02:15	292.9	.6	11.9	2.6	317.4				
02:30	313.6	.6	27.6	2.9	16.4				
02:45	317.3	.8	7.9	5.0	330.0				
03:00	278.2	7.3	281.1	9.5	287.9	9.9	286.2		
03:15	275.1	8.9	281.1	10.3	289.0	11.5	292.3		
03:30	273.8	10.2	279.6	11.6	289.5	12.6	297.0		
03:45	274.6	9.9	280.8	11.9	298.2	13.2	303.2	15.0	316.8
04:00	279.2	9.3	283.4	11.9	305.9	12.7	309.1	14.2	313.1
04:15	290.7	8.4	283.0	12.8	307.5	13.6	311.7	14.4	313.3
04:30	280.6	8.3	278.9	14.7	307.7	15.3	311.8	15.0	311.3
04:45	277.2	10.6	278.8	14.0	306.1	14.1	312.4	15.0	313.5
05:00	276.0	9.5	278.6	13.3	309.2	14.4	310.6	14.2	314.0
05:15	276.4	10.4	276.2	11.7	305.1	12.5	300.9	11.5	308.0
05:30	279.6	8.3	290.9	11.3	307.2	11.1	311.2	10.6	314.7
05:45	305.9	4.7	302.8	9.5	312.6	10.6	314.9	10.0	311.0
06:00	299.2	2.6	287.3	8.6	303.6	9.8	306.5	10.0	308.0
06:15	293.5	2.0	293.8	10.1	303.5	11.2	306.5	9.5	305.0
06:30	294.4	1.3	319.9	8.2	303.7	10.3	302.4	9.0	302.0
06:45	304.4	1.1	304.3	5.2	293.6	9.0	304.0	8.0	299.0
07:00	314.2	1.1	301.0	4.0	305.0	8.0	306.0	7.0	296.0
07:15	296.6	.8	312.3	3.0	315.0	7.0	308.0	6.0	293.0
07:30	306.0	.7	306.1	2.5	330.2	6.0	310.0	5.0	290.0
07:45	298.1	.5	293.2	1.6	330.9	5.0	311.0	4.5	290.0
08:00	299.6	.4	301.1	1.1	328.1	3.0	312.0	4.0	290.0
08:15	307.6	.7	313.9	.9	315.0	2.1	314.7	3.0	290.0
08:30	299.4	.6	307.7	1.3	320.9	2.3	295.3	2.7	287.8
08:45	295.3	.5	309.0	2.3	325.8	2.7	280.9	2.9	276.5
09:00	299.2	.8	290.0	2.5	331.1	3.3	322.9	4.0	315.0
09:15	304.0	1.2	305.1	3.1	343.1	4.9	347.2	6.8	354.3
09:30	302.4	2.0	332.8	5.0	351.9	5.8	347.6	6.6	339.6
09:45	306.8	1.8	329.2	4.8	343.4	6.6	322.8	7.5	329.0
10:00	325.9	1.0	310.1	2.9	326.2	6.8	310.0	8.7	318.5
10:15	340.5	.6	325.6	2.0	341.0	5.5	329.1	7.3	331.0
10:30	327.0	.4	337.6	2.4	342.0	5.0	341.0	7.0	335.8
10:45	343.5	.9	339.1	3.5	340.6	6.5	342.7	6.9	332.0
11:00	329.9	1.8	317.9	4.4	328.1	7.0	341.0	6.8	329.0
11:15	325.2	3.3	337.1	6.0	340.0	7.0	340.0	6.8	326.0
11:30	354.4	4.8	355.8	7.1	357.1	8.0	339.0	6.8	323.0
11:45	341.9	4.7	345.7	7.8	349.0	9.0	338.0	6.7	320.0
12:00	337.0	6.3	343.8	6.8	346.0	9.2	336.8	6.7	317.0
12:15	342.4	5.9	347.6	6.1	349.3	7.2	342.7	6.6	314.0
12:30	323.7	4.9	327.2	6.5	331.2	8.1	322.2	6.6	311.0

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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						
03:15						
03:30						
03:45						
04:00	13.4	313.5				
04:15	14.8	313.2	15.3	316.9	15.2	319.7
04:30	15.1	311.2	14.9	311.8		
04:45	14.4	309.8	14.4	310.9		
05:00	13.3	312.6				
05:15	12.7	314.5				
05:30	12.1	314.4				
05:45	12.0	318.0				
06:00	11.0	318.0				
06:15	10.0	318.0				
06:30	10.0	318.0				
06:45	9.0	318.0				
07:00	8.0	318.0				
07:15	8.0	318.0				
07:30	7.0	318.0				
07:45	6.0	318.0				
08:00	5.0	318.0				
08:15	5.0	318.0				
08:30	4.2	323.3				
08:45	3.2	294.6				
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	12.4	322.1				
15:00						
15:15						
15:30						
15:45						
16:00						
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						
17:45						
18:00						
18:15						
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						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	9.8	315.6	14.9	313.2	15.2	319.7
Max	15.1	323.3	15.3	316.9	15.2	319.7
Hr. of Max	18	34	17	17	17	17
Min	3.2	294.6	14.4	310.9	15.2	319.7
Count	21	21	3	3	1	1
Total						