

Daily Summary Report

Site: ORNL Sodar

11/2/2018

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	.8	221.8	5.7	266.6	6.2	262.0	6.9	259.6	9.0
00:15	2.5	240.0	6.3	268.8	6.9	265.8	7.8	264.0	9.3
00:30	4.1	260.8	5.9	268.1	8.2	271.6	9.5	270.4	11.3
00:45	6.0	258.0	7.0	270.2	8.8	271.3	9.7	270.3	11.6
01:00	3.9	262.9	7.0	268.7	8.6	268.5	9.8	269.2	11.0
01:15	3.1	270.6	5.9	262.5	7.8	265.5	9.1	267.8	10.0
01:30	2.2	267.8	5.9	259.6	6.9	262.0	8.1	264.4	9.9
01:45	1.5	265.0	4.1	257.3	5.9	259.0	7.3	262.5	8.4
02:00	1.6	262.0	4.7	260.4	6.1	263.1	7.4	266.1	8.6
02:15	2.2	258.5	5.2	262.3	6.5	271.2	7.4	260.0	10.0
02:30	1.6	267.5	4.2	260.1	6.3	264.6	7.4	255.5	11.0
02:45	1.8	263.8	3.8	252.8	6.4	257.2	11.0	300.0	13.0
03:00	2.4	262.6	3.8	253.1	5.7	249.0	15.3	332.9	15.7
03:15	2.1	260.1	3.1	252.1	4.5	251.6	6.4	254.9	10.5
03:30	2.2	264.6	2.5	250.8	4.5	260.5	6.2	261.7	7.8
03:45	1.9	264.2	2.4	253.5	4.2	262.0	5.3	261.7	13.0
04:00	.9	252.7	1.5	249.6	2.4	254.5	12.3	347.1	13.0
04:15	.6	243.8	1.4	258.0	1.7	255.4	1.6	260.2	9.0
04:30	.6	251.5	.9	256.9	1.2	254.0	1.5	249.0	.9
04:45	.6	251.5	.4	248.6	1.0	238.6	1.3	242.4	1.3
05:00	.4	222.6	.6	235.7	1.2	221.6	1.2	228.5	.6
05:15	.2	164.0	.8	230.7	1.3	227.0	1.6	234.7	.6
05:30	.2	239.8	.6	247.7	1.2	239.2	1.7	246.9	1.2
05:45	.3	262.2	.5	260.1	.7	241.8	1.2	256.8	.9
06:00	.1	224.1	.5	248.1	.6	252.0	.9	267.7	.8
06:15	.2	135.4	.4	229.0	.5	278.0	.8	297.2	1.6
06:30	.1	129.8	.6	219.7	.7	284.5	.7	295.4	1.2
06:45	.2	251.1	.8	265.4	1.0	276.0	.9	262.9	1.0
07:00	.4	259.8	1.0	288.0	1.0	288.5	1.1	275.0	1.0
07:15	.2	287.6	.7	282.7	.5	311.2	.7	295.5	.7
07:30	.1	284.2	.4	275.7	.7	333.5	.6	327.5	.5
07:45	.3	259.3	.7	276.5	1.1	311.1	1.2	301.6	.7
08:00	.3	272.7	.5	310.5	1.2	298.3	1.2	287.4	.8
08:15	.3	274.9	.4	334.7	.9	309.8	1.0	288.0	.7
08:30	.4	254.8	.2	311.8	.7	326.3	.8	300.0	.6
08:45	.3	264.4	.2	330.4	.5	310.4	.5	307.3	.8
09:00	.3	270.3	.3	326.0	.9	299.3	1.3	313.4	2.2
09:15	.4	215.2	.4	326.7	1.6	303.1	3.2	306.8	3.8
09:30	.6	190.8	.3	333.6	1.6	298.6	3.3	298.2	3.3
09:45	.4	177.6	.3	90.7	1.1	292.6	2.6	289.0	2.8
10:00	.5	180.6	.2	96.3	.9	290.9	1.8	284.9	2.3
10:15	.7	187.7	.1	311.6	.8	278.4	1.0	270.8	1.5
10:30	.3	150.0	.4	304.5	.7	263.1	.8	261.1	1.7
10:45	.3	166.0	.3	317.7	.5	262.1	.8	253.7	1.7
11:00	1.3	188.3	.2	315.1	.4	288.7	.6	238.3	1.4
11:15	1.6	185.4	.3	256.3	.7	288.7	.9	269.8	1.3
11:30	1.3	181.7	.2	297.8	1.3	280.1	1.5	280.1	2.3
11:45	.5	175.3	.5	274.8	1.2	276.1	1.3	267.5	1.6
12:00	.2	148.5	1.1	249.8	1.4	265.2	1.4	266.9	1.1
12:15	.3	222.4	1.5	253.8	1.8	261.5	1.8	268.5	1.3
12:30	.8	235.6	1.9	258.9	3.0	268.9	2.7	268.5	1.9

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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	258.7	11.5	236.0	16.5	225.0	17.5	242.0		
00:15	269.2	12.0	242.0	16.3	230.0	17.4	249.0		
00:30	269.1	12.5	248.0	16.3	240.0	17.2	255.0		
00:45	267.5	12.5	254.0	16.0	245.0	17.0	261.0		
01:00	266.0	13.0	260.0	16.0	250.0	17.0	267.0		
01:15	265.0	13.0	266.0	15.8	255.0	16.9	273.0		
01:30	264.9	13.5	272.0	15.8	265.0	16.8	280.0		
01:45	267.1	13.5	280.0	15.5	275.0	16.7	286.0		
02:00	267.1	14.0	288.0	15.5	285.0	16.6	292.0		
02:15	280.0	14.5	296.0	15.5	295.0	16.5	298.0		
02:30	290.0	15.0	304.0	15.5	303.0	16.4	304.0		
02:45	310.0	15.5	312.0	15.5	310.0	16.3	309.0		
03:00	327.0	16.0	320.3	15.2	317.1	16.2	314.9	17.3	317.4
03:15	275.0	15.9	319.2	15.6	315.2	15.8	312.9	16.0	314.1
03:30	262.5	14.6	317.6	15.5	314.0	16.0	312.6	16.0	310.7
03:45	305.0	14.1	326.0	15.8	314.9	16.6	313.8	16.3	311.7
04:00	346.1	13.1	344.1	16.6	317.0	16.7	315.6	16.1	314.1
04:15	325.0	13.0	340.0	13.8	319.0	14.8	317.0	16.0	316.0
04:30	236.6	.6	175.2			14.5	316.0	15.8	314.0
04:45	239.0	.7	193.7			14.3	315.0	15.5	312.0
05:00	226.0	.5	182.9			14.0	314.0	15.3	310.0
05:15	227.3	.5	198.0			13.8	313.0	15.0	308.0
05:30	241.5	.4	185.0			13.5	312.0	14.8	306.0
05:45	227.3	.3	172.8			13.3	311.0	14.5	304.0
06:00	280.0	.6	265.7			13.0	310.0	14.3	302.0
06:15	271.9	1.5	268.0			12.8	308.0	14.0	301.0
06:30	272.3	2.6	271.8			12.5	306.0	13.8	300.0
06:45	282.0	1.4	254.5			12.3	304.0	13.5	299.0
07:00	261.4	1.0	257.1			12.0	302.0	13.3	298.0
07:15	283.9	1.5	274.3			11.8	300.0	13.0	297.0
07:30	302.8	2.1	280.8			11.5	298.0	12.8	296.0
07:45	300.1	2.4	285.5			11.3	296.0	12.5	295.0
08:00	289.1	1.4	304.1			11.0	294.0	12.3	294.0
08:15	285.8	1.6	303.0	1.7	325.8	10.8	292.0	12.0	293.0
08:30	298.7	1.3	294.8	2.0	315.0	10.5	290.0	11.8	292.0
08:45	303.0	1.1	291.7	2.8	307.6	10.3	288.0	11.5	291.0
09:00	314.1	3.3	309.0	3.4	314.8	10.0	286.0	11.3	290.0
09:15	306.0	4.8	307.5	4.0	305.0	9.8	284.0	11.0	289.0
09:30	305.2	4.7	294.4	4.0	300.0	9.5	282.0	10.8	288.0
09:45	291.9	5.0	287.8	4.5	290.0	9.3	280.0	10.5	287.0
10:00	280.5	4.2	290.3	5.0	280.0	9.0	278.0	10.3	286.0
10:15	265.6	3.6	280.2	5.5	268.9	8.8	277.0	10.0	285.0
10:30	258.2	4.0	279.2	6.0	270.0	8.5	276.0	9.8	283.0
10:45	263.6	4.0	284.0	6.0	271.0	8.3	275.0	9.5	281.0
11:00	258.3	4.5	278.3	7.0	274.0	8.0	274.0	9.3	279.0
11:15	266.9	5.3	279.1	7.3	275.2	7.8	273.0	9.0	277.0
11:30	275.2	4.3	280.3	7.4	281.9	7.0	271.1	8.8	275.0
11:45	267.8	2.8	269.9	6.2	281.9	6.9	280.3	8.5	273.0
12:00	252.2	1.9	262.6	5.5	280.0	7.5	276.0	8.3	271.0
12:15	252.5	1.5	274.8	4.7	276.1	7.0	273.6	8.0	269.0
12:30	262.8	4.0	276.3	5.8	278.6	7.1	276.6	7.8	267.0

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11/2/2018

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						
01:45						
02:00						
02:15						
02:30						
02:45						
03:00	16.9	317.1	16.9	314.8	17.2	309.2
03:15	17.0	317.4	16.3	313.7	16.5	310.1
03:30	16.8	315.7	16.2	312.2	16.4	310.4
03:45	16.4	312.6	16.6	309.9	17.6	311.4
04:00	16.5	313.1	16.0	311.8	17.8	309.0
04:15	16.4	315.0	16.4	315.9	17.6	308.5
04:30	16.3	313.5	16.1	314.9	17.5	308.0
04:45	16.1	312.3	15.9	313.9	17.3	307.5
05:00	15.8	311.0	15.8	312.9	17.2	306.5
05:15	15.6	309.8	15.6	311.9	17.0	305.5
05:30	15.3	308.5	15.3	310.9	16.9	304.5
05:45	15.1	307.3	15.2	309.9	16.7	303.5
06:00	14.8	306.0	14.9	308.9	16.6	302.5
06:15	14.6	304.8	14.8	307.9	16.4	301.5
06:30	14.3	303.8	14.6	306.9	16.2	300.5
06:45	14.1	302.8	14.3	305.9	16.0	299.5
07:00	13.8	301.8	14.2	304.9	15.8	298.5
07:15	13.6	300.8	13.9	303.9	15.5	297.5
07:30	13.3	299.8	13.8	302.9	15.3	296.5
07:45	13.1	298.8	13.6	301.9	15.0	295.5
08:00	12.8	297.8	13.3	300.9	14.8	294.5
08:15	12.6	296.8	13.2	299.9	14.5	293.5
08:30	12.3	295.8	12.9	298.9	14.3	292.5
08:45	12.1	294.8	12.8	297.9	14.0	291.5
09:00	11.8	293.8	12.6	296.9	13.8	290.5
09:15	11.6	292.8	12.3	295.9	13.5	289.5
09:30	11.3	291.8	12.2	294.9	13.3	288.5
09:45	11.1	290.8	11.9	293.9	13.0	287.5
10:00	10.8	289.8	11.8	292.9	12.8	286.5
10:15	10.6	288.8	11.6	291.9	12.5	285.5
10:30	10.3	287.5	11.3	290.9	12.3	284.5
10:45	10.2	286.3	11.2	289.9	12.0	284.0
11:00	10.1	285.0	10.9	288.9	11.8	283.5
11:15	9.9	283.8	10.8	287.9	11.5	282.5
11:30	9.8	282.5	10.6	286.9	11.3	281.5
11:45	9.6	281.3	10.3	285.9	11.1	280.5
12:00	9.4	280.0	10.2	284.9	10.9	279.5
12:15	9.3	278.8	9.9	283.9	10.6	278.5
12:30	9.2	277.5	9.8	282.9	10.4	277.5

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	9.0	276.3	9.6	281.9	10.1	276.5
13:00	8.8	275.0	9.3	280.9	9.9	275.5
13:15	8.7	273.8	9.2	279.9	9.7	274.5
13:30	8.6	272.5	8.9	278.9	9.6	273.5
13:45	7.9	276.7	8.8	277.9	9.4	273.0
14:00	6.8	272.5	8.7	271.8	9.3	271.8
14:15	7.5	272.0	7.9	272.5	9.5	272.8
14:30	6.8	274.0	7.3	274.0	9.7	274.0
14:45	7.0	275.5	7.4	274.8	9.9	275.3
15:00	7.1	277.0	7.5	275.6	10.1	276.5
15:15	7.3	278.5	7.6	276.8	10.3	277.8
15:30	7.4	280.0	7.7	278.0	10.5	279.0
15:45	7.5	281.5	7.8	279.2	10.7	280.3
16:00	7.7	283.0	8.1	280.4	10.9	281.5
16:15	7.8	284.5	8.3	281.6	11.1	282.8
16:30	8.0	286.0	8.6	282.8	11.3	284.0
16:45	8.2	287.5	8.8	284.0	11.5	285.3
17:00	8.3	289.0	9.1	285.2	11.7	286.5
17:15	8.4	290.5	9.3	286.4	11.9	287.8
17:30	8.6	292.0	9.6	287.6	12.1	289.0
17:45	8.8	293.5	9.8	288.8	12.3	290.3
18:00	8.9	295.0	10.1	290.0	12.5	291.5
18:15	9.1	296.5	10.3	291.2	12.7	292.8
18:30	9.2	298.0	10.6	292.4	12.9	294.0
18:45	9.3	299.5	10.8	293.6	13.1	295.3
19:00	9.5	301.0	11.1	294.8	13.3	296.5
19:15	9.7	302.5	11.3	296.0	13.5	297.8
19:30	9.8	304.0	11.6	296.8	13.7	299.0
19:45	9.9	305.5	11.8	297.6	13.9	300.3
20:00	10.1	307.0	12.1	298.8	14.1	301.5
20:15	10.3	308.5	12.3	300.0	14.3	302.8
20:30	10.4	310.0	12.6	301.2	14.5	303.8
20:45	10.6	311.5	12.8	302.4	14.7	305.0
21:00	10.7	313.0	12.9	303.6	14.9	306.3
21:15	10.8	314.5	13.0	304.8	15.1	307.5
21:30	11.0	316.0	13.1	306.0	15.3	308.8
21:45	11.2	317.5	13.2	307.2	15.5	310.0
22:00	11.3	319.0	13.3	308.4	15.7	311.3
22:15	11.4	320.5	13.4	309.2	15.9	312.5
22:30	12.5	314.3	15.0	314.4	16.1	313.5
22:45	15.0	313.1	15.9	315.5	16.2	318.5
23:00						
23:15						
23:30						
23:45						
Avg	11.1	296.3	11.9	295.6	13.5	293.2
Max	17.0	320.5	16.9	315.9	17.8	318.5
Hr. of Max	13	89	12	17	16	91
Min	6.8	272.0	7.3	271.8	9.3	271.8
Count	80	80	80	80	80	80
Total						