

Daily Summary Report

Site: ORNL Sodar

5/7/2017

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	1.8	260.2	1.9	229.2	3.3	249.5	4.5	260.6	4.9
00:15	.6	242.9	2.0	226.5	3.3	248.5	4.8	260.7	5.5
00:30	1.0	248.6	2.1	220.5	3.4	248.2	5.0	264.6	5.2
00:45	1.7	257.1	2.2	231.6	3.8	252.0	5.0	266.8	4.7
01:00	1.8	261.6	2.5	241.0	4.4	249.8	4.9	259.4	4.5
01:15	1.3	254.5	3.0	243.7	4.7	248.1	5.0	253.1	4.5
01:30	2.0	256.1	3.6	245.9	4.9	250.5	5.6	250.3	5.0
01:45	2.4	259.0	3.3	249.8	4.8	249.5	6.2	247.0	5.4
02:00	3.1	266.2	2.9	255.7	4.6	249.1	6.6	246.1	5.9
02:15	3.0	266.2	2.7	259.2	4.9	253.2	6.9	250.8	6.6
02:30	2.6	270.8	2.9	264.5	5.0	260.5	6.6	261.2	6.8
02:45	1.2	270.3	3.1	266.7	4.5	267.3	6.1	271.3	6.4
03:00	.8	261.7	2.9	266.4	3.7	270.1	5.3	277.4	6.1
03:15	1.3	265.6	2.7	268.1	3.6	275.4	5.3	282.8	6.1
03:30	1.6	268.3	2.2	268.4	3.8	278.3	5.4	286.3	5.9
03:45	2.3	265.2	2.3	263.2	4.0	272.7	5.5	282.9	6.5
04:00	2.1	264.8	3.2	263.8	5.1	271.2	6.5	281.0	6.9
04:15	1.4	269.9	3.1	264.3	5.2	273.4	6.7	282.7	7.3
04:30	1.7	270.1	3.1	261.0	4.8	273.3	6.1	284.0	7.6
04:45	2.1	267.1	3.5	260.0	4.9	272.6	5.8	284.7	7.3
05:00	2.3	263.3	3.9	265.3	5.3	275.7	6.1	287.0	6.6
05:15	2.1	265.3	3.8	271.7	5.4	281.8	6.0	293.6	5.8
05:30	2.6	284.6	4.1	286.9	5.2	297.0	5.3	312.2	5.3
05:45	2.9	301.5	4.3	296.6	5.0	312.6	5.0	329.7	4.6
06:00	1.4	286.6	2.5	293.3	3.5	307.7	3.8	321.3	3.5
06:15	.7	255.4	1.3	272.3	2.7	284.5	3.2	305.0	3.3
06:30	.4	140.6	.6	242.7	1.7	274.5	2.4	289.0	3.0
06:45	.5	119.5	.5	144.5	.8	247.6	2.0	263.6	3.2
07:00	.1	198.9	.3	186.5	1.3	234.0	2.2	249.5	2.6
07:15	.2	288.2	1.0	228.8	2.1	237.8	2.2	246.9	1.9
07:30	1.4	264.8	1.6	235.1	3.0	247.7	2.3	253.3	1.5
07:45	2.1	261.0	1.1	245.1	3.0	249.7	3.0	255.2	2.1
08:00	2.9	272.6	1.4	256.8	2.6	247.9	3.6	256.3	4.0
08:15	3.1	274.2	2.3	260.2	3.0	256.3	4.4	261.0	4.8
08:30	2.9	266.8	2.1	263.3	3.6	265.3	5.0	266.7	4.2
08:45	2.1	266.1	2.3	267.5	3.5	270.6	4.8	270.2	4.3
09:00	1.6	267.5	2.0	266.9	3.2	272.7	4.5	271.9	4.1
09:15	1.2	260.6	1.4	267.3	2.3	271.2	3.5	269.2	3.2
09:30	.5	170.6	1.0	243.3	1.4	258.1	2.1	261.6	2.5
09:45	.4	177.3	1.0	215.5	1.2	237.0	1.5	242.5	2.0
10:00	.2	214.9	1.2	237.2	1.2	242.9	1.4	240.4	1.5
10:15	.6	217.0	1.5	229.3	1.3	233.9	1.3	241.6	1.3
10:30	1.2	195.1	2.2	212.2	2.1	221.1	2.1	218.6	1.9
10:45	1.2	187.8	2.3	213.2	2.5	218.2	2.8	209.3	2.5
11:00	1.3	181.2	2.2	210.5	2.6	199.7	2.6	200.2	2.8
11:15	1.8	177.3	2.7	208.5	3.1	198.0	3.2	200.1	3.2
11:30	2.2	190.3	2.7	218.1	3.3	204.4	3.5	198.6	3.1
11:45	2.0	199.5	2.5	204.4	3.4	201.8	3.4	195.4	3.2
12:00	.8	247.3	2.0	195.2	2.6	215.9	2.5	226.6	2.5
12:15	.7	343.5	.6	181.0	1.0	219.8	1.1	262.2	1.0

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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	272.0	4.6	284.7	4.3	317.3	5.4	334.9	7.7	346.4
00:15	269.9	4.4	281.6	4.4	311.6	5.4	329.8	7.4	338.6
00:30	269.5	4.5	280.1	4.3	304.7	5.7	325.5	8.3	331.5
00:45	271.7	4.3	280.8	4.1	298.5	5.8	326.2	8.3	333.1
01:00	268.3	4.2	280.2	4.3	288.7	5.2	317.1	7.8	330.8
01:15	263.4	5.5	271.9	5.0	288.9	5.2	307.9	7.3	322.1
01:30	260.2	5.8	267.8	5.3	294.5	5.8	310.8	7.3	320.6
01:45	258.6	5.4	269.0	5.7	290.6	6.4	312.1	8.0	321.6
02:00	258.8	5.3	269.1	6.1	288.4	6.9	308.6	9.2	317.6
02:15	262.6	5.8	272.5	6.6	293.0	7.5	307.6	9.9	317.2
02:30	271.5	6.5	281.4	7.3	301.9	7.7	312.1	10.5	315.3
02:45	279.5	6.5	290.2	7.3	309.7	7.6	318.1	12.3	312.5
03:00	287.0	6.3	300.6	7.0	317.6	7.5	322.6	13.8	323.3
03:15	295.7	6.1	310.3	6.7	324.7	7.1	326.1	11.2	323.8
03:30	298.0	5.6	312.0	6.0	327.3	7.0	329.9	9.1	332.0
03:45	295.0	5.4	308.1	5.2	324.2	6.2	327.8	9.0	329.1
04:00	295.7	5.6	308.0	5.2	322.9	6.0	328.9	8.6	329.8
04:15	297.1	5.7	307.5	5.4	322.5	6.5	331.9	9.0	330.0
04:30	297.7	6.1	304.2	5.6	316.6	7.1	331.9	8.7	331.9
04:45	298.9	6.4	307.0	5.5	316.1	7.4	332.0	8.4	331.0
05:00	302.1	5.8	314.1	6.5	325.2	8.6	333.2	10.4	328.2
05:15	312.8	5.3	328.3	7.1	335.7	8.3	338.9	10.1	333.3
05:30	331.4	5.2	338.4	6.2	342.8	6.9	342.5	8.5	341.7
05:45	343.4	4.3	348.9	5.4	348.1	6.5	345.4	8.0	346.0
06:00	340.4	3.6	357.8	4.8	351.8	7.1	354.3	8.0	350.1
06:15	332.0	3.7	351.2	5.4	350.9	7.7	357.4	8.1	354.1
06:30	310.1	3.8	331.0	6.2	348.2	6.6	357.0	7.0	4.8
06:45	292.1	3.9	316.5	5.7	340.8	5.5	348.6	6.1	7.2
07:00	276.6	3.1	307.2	3.9	332.3	4.1	348.0	5.2	6.9
07:15	262.3	1.6	290.2	2.7	328.2	2.8	350.2	3.5	6.6
07:30	262.8	1.0	274.5	2.2	315.6	2.1	337.0	2.6	1.1
07:45	258.3	1.6	270.2	2.5	310.8	2.9	340.2	3.6	351.6
08:00	263.9	3.0	286.5	3.3	317.6	4.6	347.7	6.3	350.6
08:15	270.1	3.6	296.6	3.8	327.6	5.3	348.2	8.1	351.6
08:30	267.2	3.1	294.5	3.8	331.3	5.0	342.4	7.2	337.5
08:45	260.3	3.0	274.0	3.5	326.9	5.0	336.8	7.3	335.0
09:00	261.2	2.9	265.6	3.3	323.6	5.1	336.8	7.1	339.6
09:15	260.3	2.3	264.8	2.8	312.0	4.6	336.2	6.3	339.5
09:30	261.5	1.7	262.9	2.1	308.6	4.1	337.6	6.3	346.0
09:45	257.5	1.3	264.0	1.6	327.1	3.8	345.3	6.1	346.8
10:00	248.6	1.1	259.1	.9	322.8	3.5	348.3	5.7	347.3
10:15	232.0	1.0	227.6	.5	272.9	2.7	340.4	4.6	348.9
10:30	212.9	2.0	205.0	1.6	219.4	1.4	304.4	2.8	339.3
10:45	205.7	2.8	200.2	2.9	209.5	1.6	240.8	1.8	306.5
11:00	205.8	2.8	208.9	2.7	216.0	2.0	244.6	2.3	296.1
11:15	207.2	2.8	209.3	2.7	211.5	1.9	217.6	1.5	248.9
11:30	201.9	2.5	196.2	2.7	190.6	2.5	192.2	4.3	197.0
11:45	195.9	3.0	190.5	3.6	187.7	4.0	196.0	5.5	204.3
12:00	213.4	2.6	212.9	4.6	200.6	7.8	209.3	9.3	202.1
12:15	256.8	1.0	241.7	1.9	222.5	4.1	229.4	8.2	193.9

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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	9.7	334.2	11.1	327.7	13.6	327.0
00:15	9.2	327.9	12.5	322.2	13.9	325.0
00:30	10.0	326.0	12.3	322.0	14.2	323.0
00:45	10.8	325.8	12.0	322.0	14.5	322.0
01:00	10.1	325.4	11.8	321.2	14.8	320.4
01:15	9.5	324.0	12.3	319.1	14.5	315.5
01:30	9.9	324.3	12.8	326.8	15.7	312.4
01:45	10.6	322.4	13.1	328.5	15.8	312.4
02:00	12.1	325.2	13.0	320.0	14.2	318.2
02:15	12.2	329.6	13.8	317.5	14.9	319.0
02:30	12.5	315.0	14.5	315.0	15.7	320.4
02:45	16.2	306.8	16.3	310.0	15.9	316.6
03:00	15.5	313.8	15.5	315.0	15.9	314.2
03:15	13.6	312.0	13.7	313.0	13.9	313.3
03:30	10.0	337.6	9.0	335.6	12.3	321.5
03:45	8.7	323.3	9.4	333.7	12.0	327.8
04:00	9.6	322.8	10.9	325.5	12.0	317.1
04:15	10.2	328.8	12.2	323.7	13.1	312.5
04:30	8.9	330.5	11.3	323.7	15.6	316.4
04:45	8.5	331.7	10.6	324.2	14.9	318.3
05:00	10.4	331.4	12.1	322.3	14.7	315.8
05:15	11.7	332.2	14.6	319.6	16.5	310.7
05:30	10.6	338.8	13.0	331.0	16.3	312.9
05:45	9.7	342.7	12.7	339.4	14.5	335.0
06:00	9.9	346.4	12.8	342.6	13.0	350.0
06:15	10.3	352.7	12.8	349.6	11.5	5.0
06:30	8.4	3.6	10.9	3.5	10.0	13.0
06:45	6.8	8.9	9.6	17.5	9.7	20.3
07:00	6.6	16.7	9.1	18.9	6.8	1.6
07:15	5.1	12.9	8.8	3.0	8.5	356.6
07:30	4.7	358.2	8.9	356.5	9.9	.2
07:45	6.4	355.6	9.5	2.0	9.9	358.0
08:00	8.3	354.7	9.4	358.0	9.9	355.0
08:15	9.1	345.3	9.4	352.0	9.9	353.0
08:30	9.2	340.0	9.3	345.0	9.9	351.0
08:45	9.2	335.9	9.2	340.0	10.0	349.0
09:00	8.1	338.3	9.2	335.1	10.0	347.0
09:15	8.3	340.7	9.6	334.0	10.0	345.0
09:30	8.9	345.8	11.9	337.8	10.1	344.0
09:45	7.7	344.0	11.0	338.0	10.2	342.0
10:00	6.5	338.9	7.7	346.9	10.2	341.0
10:15	5.7	344.4	7.1	351.2	9.5	338.0
10:30	4.3	343.8	7.0	347.0	8.0	335.0
10:45	3.9	335.0	7.0	343.7	6.1	331.8
11:00	4.5	325.7	7.1	341.1	8.0	340.3
11:15	3.6	300.0	4.5	325.4	6.8	338.7
11:30	5.5	265.0	5.6	324.3	7.0	336.2
11:45	8.0	235.0			8.0	335.0
12:00	9.2	198.7			9.0	334.0
12:15	9.4	193.3	10.6	181.9	10.0	333.0

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	9.7	197.6	14.1	222.9	10.5	332.0
12:45					11.0	332.0
13:00					11.5	331.0
13:15	10.8	329.8	11.3	331.3	11.7	330.4
13:30					12.0	315.0
13:45					12.3	300.0
14:00					12.5	285.0
14:15					12.8	270.0
14:30					13.0	240.0
14:45	12.7	216.8	14.2	220.3	13.3	216.7
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	12.7	319.4	13.0	316.7	13.4	320.2
18:45	14.0	313.4	13.2	313.7	14.4	315.2
19:00	15.2	318.7	15.1	315.8	15.0	321.5
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	9.3	296.6	11.1	294.0	12.0	298.6
Max	16.2	358.2	16.3	358.0	16.5	358.0
Hr. of Max	11	30	11	32	21	31
Min	3.6	3.6	4.5	2.0	6.1	.2
Count	56	56	54	54	63	63
Total						