

Daily Summary Report

Site: ORNL Sodar

5/6/2017

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	1.2	320.0	2.4	321.4	4.3	313.2	5.5	317.0	7.3
00:15	2.7	343.3	3.7	338.0	5.7	330.3	7.1	333.5	8.4
00:30	2.9	332.8	3.2	320.6	5.8	321.1	7.2	326.9	7.7
00:45	2.6	305.4	3.4	302.2	5.5	307.8	6.6	310.8	7.0
01:00	3.0	324.5	4.1	320.8	5.7	325.4	6.9	327.3	8.2
01:15	2.7	349.8	3.6	347.9	5.6	350.8	7.0	350.4	8.5
01:30	1.4	349.7	2.9	358.6	3.9	352.6	5.1	350.2	7.1
01:45	1.6	349.6	3.0	355.4	4.0	347.4	5.3	344.5	7.4
02:00	1.2	344.4	2.3	352.8	3.8	348.5	4.8	345.2	6.6
02:15	.7	333.1	2.1	354.4	3.3	346.0	4.3	342.0	5.5
02:30	.4	305.1	1.0	344.9	2.2	330.7	3.0	331.0	4.1
02:45	.5	261.2	.7	269.3	2.0	286.8	2.5	289.9	3.1
03:00	1.2	262.4	1.4	268.3	2.9	275.5	4.0	281.8	4.1
03:15	1.1	259.6	1.8	268.4	3.3	275.9	4.5	285.2	4.6
03:30	.5	230.8	1.5	263.3	2.9	272.5	3.8	284.3	4.2
03:45	.6	257.9	1.0	256.6	2.3	264.1	3.1	273.8	3.7
04:00	1.1	251.5	1.9	261.1	3.9	266.6	4.3	273.5	3.7
04:15	2.1	262.2	3.1	265.3	4.9	271.4	5.3	279.5	4.3
04:30	2.2	265.9	3.6	271.0	5.2	278.6	5.3	284.8	4.3
04:45	.9	265.2	3.1	273.7	5.1	280.3	4.9	285.3	4.0
05:00	1.1	269.7	2.0	266.0	3.7	276.5	4.5	282.2	4.8
05:15	2.3	272.8	1.4	257.8	2.5	266.0	3.9	276.1	5.5
05:30	1.5	266.5	1.2	244.3	2.0	254.1	3.0	268.7	4.9
05:45	.7	244.2	1.3	227.1	1.6	243.6	2.3	256.5	3.9
06:00	1.1	258.9	1.4	229.3	2.0	250.4	2.7	260.4	3.9
06:15	2.3	269.0	2.1	250.9	3.3	265.1	4.2	272.0	5.1
06:30	2.9	269.3	2.7	265.9	4.0	273.1	4.7	277.4	5.5
06:45	3.1	269.9	3.0	274.3	4.5	276.6	4.9	280.1	5.9
07:00	3.1	271.8	3.2	271.7	5.1	274.2	5.8	277.7	6.3
07:15	3.2	268.8	3.4	265.6	5.3	270.8	6.6	273.3	6.5
07:30	3.5	267.9	3.9	269.9	6.2	273.8	7.1	275.1	7.4
07:45	3.7	271.0	3.9	273.4	6.6	277.3	7.4	278.7	7.5
08:00	3.4	270.5	3.4	274.8	6.5	277.6	7.7	278.7	6.3
08:15	1.8	269.0	2.1	274.1	5.2	274.9	6.7	276.6	5.9
08:30	.6	236.8	.7	264.5	2.3	268.4	3.5	274.1	4.7
08:45	.4	209.2	.2	260.2	1.1	266.5	1.4	278.1	2.4
09:00	.3	195.3	.4	289.2	1.1	268.5	.9	275.1	2.1
09:15	.4	195.5	.5	273.7	1.2	270.5	1.0	274.2	2.2
09:30	.7	240.0	.8	256.9	1.3	267.5	1.4	266.4	2.4
09:45	.7	246.5	1.1	255.3	1.6	262.8	1.6	257.7	1.9
10:00	.8	208.7	1.0	256.4	1.7	263.0	1.7	264.8	2.1
10:15	.9	189.6	.9	257.2	1.1	263.5	1.1	270.6	1.7
10:30	.9	169.3	.6	248.5	.5	233.8	.5	237.8	.7
10:45	.8	167.2	.8	243.1	1.4	224.6	1.3	223.6	1.1
11:00	.5	203.3	1.1	243.8	1.8	234.7	1.7	232.1	1.1
11:15	.5	246.5	1.4	242.9	1.8	240.2	1.6	238.9	1.2
11:30	.3	309.9	1.3	262.4	1.7	260.6	1.3	260.5	1.2
11:45	.7	355.0	1.2	310.6	1.8	301.4	1.5	299.0	1.6
12:00	.8	5.2	1.1	355.6	1.3	333.8	1.4	317.1	1.5
12:15	.7	358.9	.9	15.3	1.0	344.1	1.1	331.4	1.2

Daily Summary Report

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5/6/2017

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	324.2	8.4	332.8	9.6	334.6	10.2	337.4	11.7	339.5
00:15	334.1	9.6	337.7	10.7	341.0	11.3	342.1	12.9	343.8
00:30	334.6	8.8	336.2	9.8	337.5	11.0	337.5	12.1	336.7
00:45	320.4	8.0	325.7	9.3	329.5	10.6	332.4	11.8	331.8
01:00	331.7	9.2	336.0	10.9	337.2	13.0	338.8	15.0	338.7
01:15	348.2	9.4	347.2	10.9	344.8	13.4	345.1	15.4	343.3
01:30	349.4	8.0	350.7	10.0	347.6	11.7	348.8	12.2	349.0
01:45	350.7	8.0	352.8	9.5	347.0	10.2	347.5	11.0	347.5
02:00	349.8	7.2	350.6	8.5	346.2	9.5	343.6	10.9	344.3
02:15	347.8	6.5	350.6	8.7	347.9	10.3	342.8	11.4	344.5
02:30	339.1	5.6	342.2	8.0	342.0	9.4	337.5	9.5	337.5
02:45	303.2	4.1	318.0	6.1	327.0	7.3	326.3	9.1	328.9
03:00	294.2	4.2	308.5	6.1	322.8	7.9	330.2	9.5	330.4
03:15	297.5	4.7	310.3	6.6	325.2	8.4	332.4	9.0	333.6
03:30	291.2	4.2	305.6	5.9	321.0	7.4	329.2	8.6	335.4
03:45	280.8	3.5	295.4	4.9	314.7	6.2	327.4	7.7	336.7
04:00	282.8	3.8	294.2	5.2	315.5	5.7	329.9	7.2	337.0
04:15	287.4	4.1	298.0	5.5	318.7	5.7	333.9	7.3	339.7
04:30	293.6	4.4	304.6	5.3	320.6	5.8	336.9	6.7	340.0
04:45	294.9	4.5	309.2	5.0	321.5	4.8	335.4	6.6	335.3
05:00	287.4	4.4	303.9	5.0	318.1	5.4	328.3	6.9	336.0
05:15	284.9	4.2	298.8	4.9	319.2	5.6	331.6	6.7	338.8
05:30	281.0	4.2	293.3	4.2	315.5	4.9	329.5	6.5	337.0
05:45	272.0	4.5	284.2	4.0	305.3	4.5	325.1	6.0	333.6
06:00	271.2	4.7	282.7	3.9	304.0	3.9	326.2	5.3	333.1
06:15	277.6	5.1	287.8	3.8	303.8	4.2	325.5	5.4	334.0
06:30	285.3	5.3	294.5	4.0	302.4	4.6	321.0	5.2	328.8
06:45	288.0	5.5	296.9	4.3	308.1	5.3	323.4	5.5	324.8
07:00	284.5	6.3	292.2	4.5	306.3	5.9	324.0	6.1	328.9
07:15	279.5	7.0	290.1	5.2	302.2	6.1	321.7	6.6	324.5
07:30	278.0	7.5	289.2	6.3	302.5	6.7	318.8	8.3	320.2
07:45	281.6	7.4	291.0	6.0	302.8	6.2	319.5	7.8	327.9
08:00	282.6	7.2	288.2	6.3	297.8	4.7	308.4	5.6	321.9
08:15	278.9	7.5	281.3	7.4	294.5	4.5	296.1	4.8	317.5
08:30	276.1	6.8	279.5	7.2	292.3	4.7	290.3	4.4	316.8
08:45	278.2	5.8	278.3	6.9	287.8	5.1	291.0	4.5	308.3
09:00	277.1	5.8	276.7	5.9	285.4	4.2	289.8	4.1	307.2
09:15	277.5	5.6	278.0	5.1	288.3	3.0	276.7	2.4	294.8
09:30	272.9	4.9	277.3	5.1	285.3	3.3	273.9	2.9	275.6
09:45	260.8	2.9	269.3	4.3	275.1	3.8	271.7	3.9	284.9
10:00	270.6	3.0	268.2	4.1	276.7	4.3	278.7	4.6	295.6
10:15	275.2	2.8	270.8	4.3	279.0	5.0	286.1	5.4	296.5
10:30	239.7	1.4	250.3	3.9	256.0	5.6	270.6	6.1	288.2
10:45	230.4	2.2	247.1	5.0	256.6	6.2	262.8	6.7	282.9
11:00	229.5	1.9	250.4	5.0	262.5	6.0	263.0	7.1	276.5
11:15	238.3	1.7	256.3	4.0	265.2	5.9	271.8	7.0	278.0
11:30	271.1	1.7	265.7	3.4	274.6	5.8	280.1	6.5	285.4
11:45	310.3	1.4	300.3	3.0	287.4	4.0	283.8	5.2	281.6
12:00	315.5	1.4	319.1	1.8	292.4	2.3	276.5	3.9	279.0
12:15	324.1	1.3	318.6	1.8	296.2	2.4	286.8	3.6	279.8

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5/6/2017

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	12.7	339.8	13.9	338.3	14.3	340.4
00:15	13.8	344.2	14.8	342.2	17.5	343.4
00:30	13.5	337.7	14.9	337.4	19.0	336.6
00:45	13.6	333.8	15.0	334.6	18.9	334.2
01:00	16.1	339.7	16.7	338.5	18.6	340.5
01:15	16.3	342.7	15.6	338.8	18.5	341.1
01:30	14.3	344.5	14.2	342.5	16.4	339.6
01:45	12.7	342.5	13.3	341.3	14.5	337.3
02:00	11.6	342.2	13.1	337.9	13.9	333.6
02:15	12.4	341.0	14.3	334.4	14.2	331.2
02:30	11.5	335.7	13.2	332.9	12.9	329.4
02:45	10.9	331.8	11.9	331.2	13.0	329.6
03:00	11.3	331.9	11.6	331.8	15.2	331.9
03:15	10.8	335.2	11.8	335.3	15.2	335.5
03:30	10.5	337.8	12.1	333.9	13.9	336.5
03:45	9.6	339.4	10.7	333.8	13.8	335.9
04:00	8.8	343.0	9.5	341.2	10.7	340.8
04:15	8.6	341.1	9.1	341.4	10.0	341.4
04:30	8.3	330.8	9.6	329.3	12.2	335.0
04:45	8.5	329.6	10.3	325.4	13.1	330.0
05:00	8.8	334.9	10.5	329.6	12.0	333.8
05:15	8.9	337.3	10.3	331.6	11.8	335.9
05:30	9.3	336.8	10.2	333.3	11.7	330.4
05:45	8.8	334.9	10.2	330.7	12.1	326.8
06:00	8.3	335.0	10.1	331.5	12.9	325.9
06:15	8.2	333.5	10.1	335.6	13.0	327.9
06:30	7.2	330.5	9.4	336.3	12.5	329.3
06:45	7.3	327.3	9.5	332.6	13.0	329.0
07:00	8.3	331.3	10.3	331.5	13.2	330.5
07:15	9.1	335.9	11.1	329.3	13.6	328.1
07:30	10.1	329.6	13.3	319.1	15.2	319.5
07:45	9.6	325.4	12.8	318.9	13.1	314.9
08:00	7.7	323.7	11.3	322.3	10.8	314.6
08:15	6.9	329.0	9.4	325.9	10.5	322.8
08:30	6.7	329.1	8.1	320.7	11.1	324.2
08:45	6.2	318.5	7.3	318.6	10.1	320.7
09:00	4.6	310.7	6.4	320.8	9.3	315.3
09:15	3.8	309.2	6.0	316.0	9.1	312.8
09:30	4.1	303.7	5.9	311.8	8.8	309.7
09:45	6.3	305.9	7.2	312.1	9.7	307.0
10:00	7.1	305.4	9.6	311.1	11.0	310.5
10:15	7.0	306.1	10.9	312.8	10.9	313.0
10:30	7.4	300.9	10.3	314.5	10.8	317.8
10:45	7.5	295.8	8.9	313.8	9.4	314.5
11:00	7.9	291.7	9.2	306.2	8.4	308.9
11:15	8.4	290.0	10.3	304.5	9.5	307.9
11:30	6.9	283.6	8.1	295.0	9.1	301.3
11:45	5.4	278.1	7.4	288.4	8.8	293.2
12:00	5.2	277.5	7.1	285.8	8.8	288.7
12:15	5.1	278.3	6.6	283.7	8.5	291.0

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	5.2	275.8	6.4	282.0	8.2	291.5
12:45	4.5	278.4	6.0	277.1	7.3	284.5
13:00	4.1	289.5	6.3	274.4	6.6	281.5
13:15	2.5	274.0	4.2	272.0	5.6	270.0
13:30	1.6	208.7	5.0	264.0	7.0	265.0
13:45	3.0	207.0	6.5	255.0	8.0	258.0
14:00	5.0	206.0	8.0	247.0	9.0	252.0
14:15	7.0	204.0	9.5	239.0	10.0	243.0
14:30	9.0	203.0	10.5	232.0	11.0	238.0
14:45	10.9	201.9	11.5	225.0	12.0	233.0
15:00	11.6	211.0	12.2	218.5	12.7	227.5
15:15	13.6	214.8	12.1	217.9	12.3	227.4
15:30	10.4	208.0	11.4	217.1	11.6	216.6
15:45	8.0	213.0	10.3	223.0	12.5	214.5
16:00	6.0	218.0	9.0	229.0	9.6	230.7
16:15	4.9	223.0	7.5	235.0	8.8	248.7
16:30	4.2	260.8	6.4	261.7	9.0	269.5
16:45	4.1	280.1	6.6	280.9	9.4	282.1
17:00	5.7	295.5	8.5	292.8	10.8	293.0
17:15	6.5	297.0	9.9	300.2	12.1	300.8
17:30	7.7	306.5	10.9	304.4	12.5	309.7
17:45	10.0	315.3	12.4	311.0	12.2	312.0
18:00	10.5	317.9	12.7	316.6	11.8	314.0
18:15	9.1	326.1	12.7	323.4	11.6	316.1
18:30	8.2	334.9	11.8	332.3	13.5	329.6
18:45	6.9	338.5	10.4	337.6	11.6	335.7
19:00	5.2	336.7	7.4	336.7	11.2	339.6
19:15	5.9	338.8	7.8	339.5	12.2	341.4
19:30	5.9	337.2	8.6	341.3	9.5	337.1
19:45	5.4	328.8	8.1	337.5	8.7	337.7
20:00	5.9	322.1	9.2	320.0	8.3	328.6
20:15	6.9	328.3	9.6	326.2	8.4	330.8
20:30	7.0	334.5	8.5	340.3	10.5	344.0
20:45	7.0	338.2	8.7	353.7	10.6	341.0
21:00	8.0	338.6	9.4	347.8	10.8	339.0
21:15	8.5	344.4	9.2	343.2	11.0	337.0
21:30	8.4	339.3	9.2	339.1	11.1	335.5
21:45	9.3	331.1	9.7	337.6	11.7	334.3
22:00	9.5	332.4	10.5	331.5	11.2	333.3
22:15	9.2	334.4	10.6	328.5	11.5	332.1
22:30	9.3	330.3	10.6	329.2	12.1	325.3
22:45	10.9	324.9	11.5	330.2	12.5	324.0
23:00	11.2	331.9	11.6	331.1	13.3	324.8
23:15	10.8	334.6	11.6	332.7	13.4	330.1
23:30	10.6	335.1	11.6	335.6	12.9	330.9
23:45	10.3	346.8	10.7	336.4	13.3	329.0
Avg	8.3	308.2	10.1	311.8	11.6	312.0
Max	16.3	346.8	16.7	353.7	19.0	344.0
Hr. of Max	05	95	04	83	02	82
Min	1.6	201.9	4.2	217.1	5.6	214.5
Count	96	96	96	96	96	96
Total						