

Daily Summary Report

Site: ORNL Sodar

4/15/2019

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	1.0	270.1	1.6	276.7	7.3	274.2	8.7	274.4	8.9
00:15	2.3	267.7	2.5	276.8	7.8	275.6	9.6	275.3	12.2
00:30	4.5	268.3	4.3	272.8	8.0	275.2	9.8	273.9	11.6
00:45	1.7	270.4	2.8	272.0	7.2	275.5	9.2	273.5	8.7
01:00	.4	268.3	2.2	276.4	4.1	279.2	6.0	276.0	3.8
01:15	1.2	276.0	2.7	275.2	4.6	277.2	6.2	278.3	6.2
01:30	1.4	278.3	2.0	268.0	4.6	277.1	6.4	277.1	6.5
01:45	1.1	270.2	2.0	269.4	5.6	275.3	7.0	274.5	6.0
02:00	2.2	268.1	2.2	270.8	5.2	272.9	6.5	275.8	7.4
02:15	1.9	270.2	1.6	275.0	3.4	279.2	5.1	279.9	4.8
02:30	1.0	275.6	1.1	273.7	2.2	282.9	3.6	282.0	1.6
02:45	1.0	277.4	1.3	263.2	1.8	280.1	3.7	279.5	1.6
03:00	.6	279.3	1.1	274.2	1.6	285.0	2.1	287.1	1.3
03:15	.5	274.6	.9	278.4	1.6	283.3	1.7	284.4	2.1
03:30	.4	263.6	.8	270.8	1.2	286.3	1.8	283.9	1.8
03:45	.3	246.0	.5	277.6	.9	284.0	1.5	289.4	.9
04:00	.5	248.1	.7	281.8	1.0	274.9	1.5	280.7	1.1
04:15	.6	251.9	1.0	277.8	1.4	274.2	1.9	278.8	1.4
04:30	.6	246.1	1.0	269.9	1.8	273.9	2.3	279.3	1.2
04:45	.6	243.7	.7	271.3	1.3	279.6	1.8	281.6	1.2
05:00	.5	256.1	.6	289.4	1.2	291.2	1.8	299.2	1.2
05:15	.4	246.9	.7	282.8	1.9	288.0	2.3	300.8	1.0
05:30	.3	218.1	.6	309.3	1.7	306.8	2.5	303.9	.7
05:45	.2	198.7	.8	334.3	1.2	321.3	2.1	302.3	.7
06:00	.3	221.5	1.0	305.3	1.5	295.7	2.2	296.7	1.4
06:15	.5	245.2	1.0	292.1	1.9	289.0	2.9	290.5	2.6
06:30	.5	249.4	.7	292.9	1.8	287.3	3.0	284.8	2.2
06:45	.3	252.7	.8	272.7	1.8	293.3	2.5	285.9	2.3
07:00	.3	246.6	1.2	261.4	2.7	282.0	4.2	279.0	5.0
07:15	.4	246.7	1.4	268.7	3.2	277.5	5.4	276.5	3.7
07:30	.4	265.6	.9	275.2	2.1	286.3	4.0	283.0	2.0
07:45	.4	262.7	.8	272.0	2.3	280.4	4.2	277.4	3.9
08:00	.5	238.1	.7	271.4	1.3	277.0	3.2	272.5	2.8
08:15	.6	246.3	.5	303.0	.9	284.8	2.2	282.8	2.4
08:30	1.1	263.1	1.0	261.3	2.5	277.8	3.9	280.6	5.0
08:45	2.0	265.0	3.2	258.4	3.8	277.2	5.7	278.1	7.0
09:00	2.4	268.0	3.4	265.8	3.9	281.2	5.1	281.3	5.9
09:15	2.8	271.7	3.3	276.9	3.6	285.1	4.1	284.1	4.1
09:30	4.8	269.6	3.7	280.1	3.9	285.9	4.6	283.9	4.4
09:45	5.1	271.6	4.1	275.0	4.6	280.3	5.4	281.2	4.7
10:00	3.3	271.6	3.7	260.0	4.3	268.4	4.6	272.7	5.2
10:15	2.7	271.0	3.4	271.1	4.2	281.3	5.0	278.7	5.7
10:30	2.9	279.5	3.9	290.7	4.8	296.7	5.7	293.4	5.5
10:45	3.1	277.6	4.1	283.1	4.9	290.4	5.6	298.1	5.5
11:00	3.6	278.9	5.0	284.2	6.6	292.2	7.7	298.2	6.8
11:15	4.4	278.4	5.8	285.3	7.1	292.7	8.0	296.0	7.5
11:30	4.1	269.6	5.0	281.7	6.3	286.2	6.6	288.3	7.0
11:45	2.8	265.3	4.6	275.9	5.5	282.2	6.1	282.2	6.6
12:00	3.2	271.1	5.5	272.9	5.6	281.3	6.4	280.2	7.0
12:15	3.0	270.7	4.8	273.9	5.5	281.5	6.3	279.1	6.5
12:30	1.9	293.5	3.6	293.8	4.4	302.9	5.7	305.0	6.5

Daily Summary Report

Site: ORNL Sodar

4/15/2019

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	274.1	9.4	274.3	12.0	272.8	12.0	277.0	12.5	284.0
00:15	272.8	11.1	274.4	13.0	274.2	11.9	270.0	12.0	280.0
00:30	271.7	10.0	272.4	11.8	277.3	11.0	270.6	11.0	275.0
00:45	272.2	6.4	273.1	10.7	276.2	8.6	277.2	10.4	270.1
01:00	276.3	4.8	272.6	7.6	282.0	8.9	278.3	9.5	271.5
01:15	274.6	7.7	272.9	8.2	282.3	9.3	275.2	9.4	270.9
01:30	276.2	7.8	274.9	9.7	279.8	9.5	271.8	9.7	275.6
01:45	276.8	7.3	274.2	10.2	275.9	9.5	272.9	10.0	280.9
02:00	274.1	9.3	273.0	10.3	273.1	9.8	272.2	10.7	276.0
02:15	278.4	7.5	275.8	9.3	275.0	10.2	273.3	10.2	275.7
02:30	294.8	2.1	292.0	7.8	278.0	10.3	276.3	10.7	275.2
02:45	290.7	3.9	279.4	7.9	276.3	10.2	273.2	9.7	275.4
03:00	302.4	3.6	281.9	8.0	275.7	9.2	272.8	8.5	278.0
03:15	290.1	2.9	284.9	7.3	273.2	9.2	273.8	9.4	273.7
03:30	289.9	2.6	280.1	7.1	270.5	8.9	272.2	10.0	272.1
03:45	297.5	1.8	277.6	7.3	274.5	8.5	271.9	9.5	273.5
04:00	278.0	1.8	276.7	8.1	274.7	8.6	274.3	9.8	278.2
04:15	283.9	2.4	279.0	8.6	273.8	9.2	271.2	9.7	278.4
04:30	289.0	1.6	282.4	7.2	276.5	8.8	269.5	9.8	278.6
04:45	284.3	1.1	278.5	5.4	280.7	7.4	271.4	8.4	273.1
05:00	286.5	1.0	284.7	7.7	277.7	8.0	281.4	-999.9	-999.9
05:15	309.9	.9	297.7	7.6	274.5	8.1	278.4	-999.9	-999.9
05:30	326.9	.7	300.6	7.3	270.6	8.3	278.0	-999.9	-999.9
05:45	321.8	1.0	297.7	6.0	277.0	8.3	279.0	-999.9	-999.9
06:00	301.4	5.2	273.2	7.0	275.0	8.3	279.0	-999.9	-999.9
06:15	282.4	5.8	269.9	7.0	275.0	8.3	279.0	-999.9	-999.9
06:30	294.8	4.2	280.7	7.0	275.0	8.3	280.0	-999.9	-999.9
06:45	292.4	3.5	291.3	7.0	275.0	8.3	280.0	-999.9	-999.9
07:00	278.6	7.0	276.1	7.0	275.0	8.3	280.0	-999.9	-999.9
07:15	281.4	6.5	276.0	7.0	275.0	8.3	280.0	-999.9	-999.9
07:30	293.8	6.0	276.0	7.0	275.0	8.3	281.0	-999.9	-999.9
07:45	279.3	6.0	276.0	7.0	275.0	8.3	281.0	-999.9	-999.9
08:00	273.0	5.5	276.9	7.0	275.0	8.3	281.0	-999.9	-999.9
08:15	277.7	4.5	284.4	7.0	275.0	8.3	282.0	-999.9	-999.9
08:30	278.9	5.6	284.3	7.0	275.0	8.3	282.0	-999.9	-999.9
08:45	275.1	8.0	278.5	7.0	275.0	8.3	282.0	-999.9	-999.9
09:00	276.6	7.2	275.0	7.7	273.9	8.3	283.0	-999.9	-999.9
09:15	281.6	4.9	277.0	6.3	268.0	8.3	283.0	-999.9	-999.9
09:30	284.1	4.4	281.3	6.5	274.5	8.3	283.0	-999.9	-999.9
09:45	283.2	4.9	278.5	6.2	274.8	8.3	283.0	-999.9	-999.9
10:00	272.6	5.9	273.6	7.0	280.1	8.3	284.0	-999.9	-999.9
10:15	279.1	6.4	281.2	7.4	290.7	8.3	284.0	-999.9	-999.9
10:30	297.3	5.7	300.2	7.0	309.1	8.3	284.0	-999.9	-999.9
10:45	291.4	5.6	298.6	6.5	296.2	8.3	284.0	-999.9	-999.9
11:00	290.4	6.3	298.5	8.0	292.0	8.3	285.0	-999.9	-999.9
11:15	296.1	7.5	296.5	9.7	303.7	8.3	285.0	-999.9	-999.9
11:30	287.8	7.5	286.5	8.3	286.0	8.4	285.3	-999.9	-999.9
11:45	283.6	7.0	283.1	7.7	280.4	8.9	270.3	-999.9	-999.9
12:00	281.4	7.5	284.2	8.0	282.2	9.5	290.0	-999.9	-999.9
12:15	286.4	6.9	288.9	7.3	281.3	11.0	310.0	-999.9	-999.9
12:30	315.0	6.5	315.1	7.3	314.1	12.4	326.8	13.5	321.1

Daily Summary Report

Site: ORNL Sodar

4/15/2019

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	13.5	285.0	-999.9	-999.9	-999.9	-999.9
00:15	13.0	282.0	-999.9	-999.9	-999.9	-999.9
00:30	12.5	279.0	-999.9	-999.9	-999.9	-999.9
00:45	11.8	275.0	-999.9	-999.9	-999.9	-999.9
01:00	11.3	272.1	-999.9	-999.9	-999.9	-999.9
01:15	9.9	267.8	-999.9	-999.9	-999.9	-999.9
01:30	8.7	268.1	10.3	270.0	-999.9	-999.9
01:45	9.3	280.0	11.3	274.4	-999.9	-999.9
02:00	9.0	279.0	-999.9	-999.9	-999.9	-999.9
02:15	9.0	278.0	-999.9	-999.9	-999.9	-999.9
02:30	9.0	277.0	-999.9	-999.9	-999.9	-999.9
02:45	9.0	275.0	-999.9	-999.9	-999.9	-999.9
03:00	8.9	274.7	-999.9	-999.9	-999.9	-999.9
03:15	9.1	275.9	-999.9	-999.9	-999.9	-999.9
03:30	8.2	269.8	-999.9	-999.9	-999.9	-999.9
03:45	8.7	275.0	-999.9	-999.9	-999.9	-999.9
04:00	9.2	281.9	-999.9	-999.9	-999.9	-999.9
04:15	9.2	278.0	-999.9	-999.9	-999.9	-999.9
04:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
12:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
12:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
12:30	15.6	320.7	14.7	318.5	-999.9	-999.9

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	15.1	324.4	13.9	317.9	-999.9	-999.9
13:00	13.6	323.0	12.8	324.6	-999.9	-999.9
13:15	11.7	322.8	13.0	320.0	-999.9	-999.9
13:30	12.0	322.0	-999.9	-999.9	-999.9	-999.9
13:45	13.0	321.0	-999.9	-999.9	-999.9	-999.9
14:00	14.0	320.0	-999.9	-999.9	-999.9	-999.9
14:15	14.8	319.2	-999.9	-999.9	-999.9	-999.9
14:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
14:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
23:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
23:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
23:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
23:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
Avg	-726.1	-650.5	-936.6	-918.4	-999.9	-999.9
Max	15.6	324.4	14.7	324.6	-999.9	-999.9
Hr. of Max	50	51	50	52	95	95
Min	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
Count	96	96	96	96	96	96
Total						