

## Daily Summary Report

Site: ORNL Sodar

12/2/2019

Interval: 015m

	03_WS060m	04_WD060m	05_WS100m	06_WD100m	07_WS140m	08_WD140m	09_WS180m	10_WD180m	11_WS240m
Time	M/SEC	DEG	M/SEC	DEG	KPH	DEG	M/SEC	DEG	M/SEC
00:00	3.2	274.0	2.6	270.0	5.0	275.0	6.1	276.0	6.7
00:15	2.7	275.1	2.1	271.1	5.0	275.4	6.1	278.4	6.2
00:30	1.1	279.6	1.3	278.4	3.3	277.1	4.1	277.8	4.4
00:45	.3	308.6	1.9	274.8	3.3	275.9	4.6	276.4	5.8
01:00	.8	288.2	3.6	273.2	6.2	272.6	7.3	274.8	8.3
01:15	3.9	275.4	3.3	277.0	6.3	274.5	7.1	276.7	8.1
01:30	4.3	276.5	4.0	275.2	7.1	274.6	8.1	275.6	8.4
01:45	2.1	81.5	5.1	273.3	7.2	275.1	7.7	275.5	8.0
02:00	.5	299.3	3.9	273.8	5.8	280.4	5.9	283.9	7.2
02:15	1.6	278.0	2.8	284.4	4.2	294.1	5.3	297.8	7.7
02:30	1.2	289.8	2.6	293.2	4.3	306.3	6.2	305.5	8.3
02:45	1.5	270.0	3.4	274.4	5.1	284.5	6.4	290.6	8.1
03:00	1.8	270.0	3.6	272.0	5.4	280.4	6.4	287.2	8.0
03:15	2.1	270.0	3.6	276.1	5.1	284.7	6.2	290.4	7.2
03:30	1.4	285.8	3.1	278.9	4.6	283.1	5.6	289.8	6.1
03:45	2.1	290.7	3.3	283.9	5.0	285.7	6.1	291.6	6.7
04:00	3.6	287.5	4.2	285.9	6.1	288.7	7.4	293.4	8.3
04:15	3.6	284.5	4.5	285.2	6.9	287.7	8.0	292.8	8.9
04:30	3.1	281.3	5.0	284.7	7.2	289.8	8.5	293.6	9.3
04:45	2.3	281.4	3.5	287.0	5.9	294.7	7.8	295.3	9.5
05:00	1.6	288.6	2.9	284.5	4.8	291.7	6.7	293.2	8.5
05:15	2.2	286.3	3.3	278.4	5.4	283.1	6.9	287.2	8.0
05:30	2.5	281.6	3.9	273.8	6.4	279.5	7.6	284.1	9.1
05:45	3.0	277.8	5.2	273.3	7.0	279.8	7.9	284.2	9.8
06:00	3.4	280.8	6.1	279.8	7.4	286.9	8.5	289.8	10.4
06:15	2.6	286.5	4.9	282.9	7.2	288.7	8.9	290.4	10.6
06:30	2.4	280.9	3.9	282.2	7.8	284.8	8.5	289.4	9.8
06:45	2.8	280.5	5.0	281.3	9.1	287.0	9.4	292.3	10.4
07:00	2.7	278.5	5.5	277.4	8.8	286.2	9.6	288.6	10.8
07:15	2.4	276.5	5.4	278.0	8.6	283.7	9.6	286.7	11.2
07:30	2.7	274.7	5.7	281.1	8.7	283.8	9.7	285.8	11.6
07:45	2.6	271.0	5.4	282.2	7.9	282.2	9.1	280.7	10.5
08:00	2.4	267.4	3.3	286.2	7.4	280.2	8.5	279.4	9.5
08:15	3.3	270.5	3.2	279.2	7.4	279.6	7.6	278.5	9.2
08:30	2.6	273.0	4.1	277.1	6.9	280.4	7.4	280.0	7.8
08:45	2.0	273.4	3.3	277.9	5.7	279.7	6.9	283.6	7.6
09:00	.8	293.1	2.4	279.9	4.7	279.2	5.7	282.8	7.4
09:15	1.8	285.7	2.8	280.0	5.4	279.2	5.9	281.4	7.5
09:30	3.9	278.6	4.2	283.8	5.6	283.0	6.0	283.2	7.7
09:45	3.7	281.6	5.1	283.9	6.0	287.7	6.3	287.7	7.0
10:00	3.4	284.8	4.8	284.1	6.1	289.2	6.7	293.1	6.9
10:15	3.9	277.7	4.7	282.2	5.7	285.9	6.2	291.4	7.0
10:30	4.4	274.9	5.7	276.1	6.2	281.3	6.2	284.9	6.6
10:45	4.4	275.6	5.0	274.4	5.8	275.4	5.7	275.9	6.3
11:00	4.7	273.2	4.7	268.8	5.9	270.1	6.3	271.0	7.3
11:15	4.6	275.6	4.2	280.9	6.9	283.2	7.6	283.8	8.3
11:30	3.6	276.8	4.3	297.1	6.9	296.2	7.5	299.3	8.0
11:45	3.4	276.8	4.2	280.1	5.8	284.4	6.5	288.4	6.8
12:00	2.1	280.4	4.5	276.1	5.6	275.7	6.3	278.8	6.8
12:15	1.9	281.0	4.7	275.0	5.7	275.0	5.8	278.0	6.6
12:30	1.6	282.8	3.8	269.2	6.0	275.7	5.9	280.2	6.5



## Daily Summary Report

Site: ORNL Sodar

12/2/2019

Interval: 015m

	12_WD240m	13_WS300m	14_WD300m	15_WS400m	16_WD400m	17_WS500m	18_WD500m	19_WS600m	20_WD600m
Time	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	274.0	7.8	282.0	9.2	283.0	9.7	285.0	12.3	285.0
00:15	278.2	7.3	287.9	8.5	289.9	9.6	292.9	11.5	286.6
00:30	278.0	5.5	281.1	7.2	286.1	8.4	288.6	9.7	289.7
00:45	277.5	6.7	276.7	7.9	281.9	9.6	299.7	10.7	297.0
01:00	276.9	8.5	279.1	9.9	294.9	11.8	306.4	11.7	306.3
01:15	277.3	8.8	280.7	10.0	293.2	11.3	291.0	12.2	300.6
01:30	275.1	8.6	276.4	9.5	280.9	10.2	276.1	10.2	285.1
01:45	276.9	8.1	279.0	9.3	284.5	10.1	283.0	11.3	298.7
02:00	289.7	8.3	291.8	10.0	293.8	10.6	296.3	12.1	301.5
02:15	305.3	8.5	302.4	10.3	307.3	11.0	311.4	12.0	303.1
02:30	311.0	9.4	306.6	12.0	311.9	12.8	311.2	14.0	304.3
02:45	294.4	10.1	296.4	12.6	302.8	14.2	304.0	15.8	304.6
03:00	291.2	9.8	295.2	11.8	302.5	13.2	302.1	15.1	307.6
03:15	293.0	8.1	301.2	10.0	306.7	11.5	307.8	13.8	311.5
03:30	292.5	6.7	301.6	8.6	308.0	10.7	312.0	12.5	313.0
03:45	293.3	7.6	301.5	9.3	310.6	11.1	311.4	12.3	312.6
04:00	293.8	9.5	299.9	11.5	307.3	12.7	308.9	14.4	309.3
04:15	294.6	10.1	299.1	12.3	303.8	13.8	306.1	15.8	306.7
04:30	297.4	10.9	302.5	12.3	305.0	13.8	304.9	15.8	304.6
04:45	298.7	11.2	302.4	12.2	307.1	13.7	304.7	15.0	306.6
05:00	293.7	9.9	299.1	11.7	306.7	12.7	305.0	14.1	309.2
05:15	290.3	9.3	298.8	11.0	303.2	11.9	305.8	13.4	305.4
05:30	286.1	9.5	297.6	10.9	297.5	12.5	305.9	13.7	307.2
05:45	288.1	10.3	297.9	12.6	296.6	13.8	304.7	14.9	307.5
06:00	294.1	12.4	301.8	14.3	308.7	15.2	308.7	15.1	300.9
06:15	291.6	12.6	303.9	13.7	309.1	13.8	316.8	14.9	299.5
06:30	295.3	10.8	302.3	12.7	299.6	13.5	307.0	16.6	302.8
06:45	299.0	11.0	301.0	13.4	303.8	14.3	305.3	16.0	303.0
07:00	296.0	11.2	298.1	14.7	305.9	14.5	306.0	15.3	304.0
07:15	294.7	12.8	293.0	14.8	301.2	14.8	307.0	15.0	306.0
07:30	294.3	12.1	293.3	13.9	301.6	15.0	308.7	14.6	308.0
07:45	289.5	11.4	294.6	13.4	304.9	12.4	312.7	14.2	309.0
08:00	283.5	10.5	291.3	12.4	303.5	12.1	306.1	14.0	311.0
08:15	282.5	10.4	290.1	10.9	301.1	12.9	306.7	13.7	312.5
08:30	285.5	9.6	291.9	10.3	300.0	11.1	302.4	12.0	319.0
08:45	285.5	8.6	290.5	11.0	298.5	10.8	303.0	11.6	318.1
09:00	284.1	8.8	291.5	10.9	298.9	11.7	305.2	12.6	313.7
09:15	284.2	9.4	293.1	9.8	299.9	10.5	296.4	13.0	318.0
09:30	291.2	8.9	297.6	9.6	307.5	11.0	305.0	13.2	322.9
09:45	298.6	8.3	301.6	10.3	316.4	11.4	315.0	13.4	319.9
10:00	295.5	7.8	301.2	9.1	311.5	10.1	308.2	12.4	315.1
10:15	292.7	7.2	302.9	8.6	312.7	9.5	311.8	11.8	316.8
10:30	288.4	7.0	299.8	8.9	305.8	9.3	314.9	12.3	316.2
10:45	279.0	6.9	282.3	8.9	288.5	7.9	282.2	12.0	314.0
11:00	272.9	7.7	275.8	8.4	277.6	8.3	286.0	11.6	312.0
11:15	283.3	9.3	289.0	9.2	290.0	8.7	290.0	11.2	310.0
11:30	302.4	8.5	304.5	10.0	312.6	9.1	295.0	10.8	309.0
11:45	287.9	6.5	292.5	7.8	297.6	9.5	303.6	10.3	306.6
12:00	278.8	6.2	282.9	7.9	287.7	9.7	300.4	10.1	307.6
12:15	276.3	6.6	281.3	8.7	287.5	9.6	299.8	10.6	302.1
12:30	278.9	7.4	279.7	8.8	286.1	10.0	295.8	9.8	298.2



## Daily Summary Report

Site: ORNL Sodar

12/2/2019

Interval: 015m

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	M/SEC	DEG	M/SEC	DEG
00:00	11.5	290.0		
00:15	11.6	290.3		
00:30	11.1	293.4		
00:45	12.0	297.0		
01:00	12.7	301.0		
01:15	13.0	300.0		
01:30	13.2	300.0		
01:45	13.5	299.7		
02:00	13.8	301.1	16.2	307.3
02:15	13.1	309.3	16.0	308.6
02:30	14.9	316.9	15.5	309.4
02:45	17.3	303.6	16.1	305.9
03:00	16.4	304.4	17.7	311.2
03:15	14.8	310.9	16.5	312.1
03:30	14.0	313.7	14.4	309.4
03:45	14.5	313.0	14.4	306.8
04:00	16.6	310.6	16.4	311.2
04:15	17.9	305.9	18.2	313.4
04:30	17.8	304.6	17.9	309.7
04:45	18.5	308.4	18.6	309.6
05:00	16.1	309.0	17.4	305.3
05:15	14.7	306.4	16.1	308.0
05:30	15.4	306.1	17.7	309.3
05:45	16.3	312.1		
06:00	16.9	303.9		
06:15	16.5	303.0		
06:30	16.0	303.0		
06:45	15.5	303.0		
07:00	15.0	302.0		
07:15	14.7	302.0		
07:30	14.3	302.0		
07:45	14.0	301.0		
08:00	13.8	301.0		
08:15	13.5	301.2		
08:30	11.3	302.0		
08:45	15.7	324.5		
09:00	15.3	321.0		
09:15	15.0	318.0		
09:30	14.6	316.0		
09:45	14.2	313.2		
10:00	14.0	313.0		
10:15	13.8	313.0		
10:30	13.6	312.0		
10:45	13.4	312.0		
11:00	13.0	312.0		
11:15	12.6	312.0		
11:30	12.2	311.0		
11:45	11.8	310.8		
12:00	12.1	311.5		
12:15	11.1	305.0		
12:30	10.1	296.5		

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	M/SEC	DEG	M/SEC	DEG
12:45				
13:00				
13:15				
13:30				
13:45				
14:00				
14:15				
14:30				
14:45				
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	8.9	300.2	8.6	290.2
19:45	9.2	301.8	10.1	305.8
20:00	9.2	302.3	10.2	302.0
20:15	8.9	296.8	10.4	299.0
20:30	9.2	298.5	10.5	295.0
20:45	9.5	309.8	10.2	311.6
21:00	9.6	313.0	9.4	312.1
21:15	8.9	313.7	8.0	315.0
21:30	7.4	325.1	6.6	319.7
21:45	6.8	336.3		
22:00	5.6	331.0		
22:15	4.9	297.2		
22:30	3.9	304.0		
22:45	2.9	310.3		
23:00	2.8	278.1		
23:15	3.1	310.8		
23:30	3.4	322.0		
23:45	3.7	338.0		
<b>Avg</b>	12.2	307.0	13.9	307.0
<b>Max</b>	18.5	338.0	18.6	319.7
<b>Max Time</b>	04:45	23:45	04:45	21:30
<b>Min</b>	2.8	278.1	6.6	290.2
<b>Count</b>	69	69	24	24
<b>Total</b>				