

## Daily Summary Report

Site: ORNL Sodar

10/12/2019

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	.8	212.0	2.0	203.0	3.3	193.0	4.6	190.0	6.5
00:15	.5	214.6	1.6	208.0	2.9	195.9	4.2	193.6	5.7
00:30	.5	230.0	1.2	230.0	2.2	206.5	3.3	200.8	5.4
00:45	.5	248.7	1.0	243.2	1.5	222.6	2.5	206.8	4.9
01:00	.9	263.1	1.2	252.8	1.4	243.2	2.4	216.9	3.9
01:15	1.1	261.2	1.0	244.5	1.5	239.4	2.7	218.0	4.0
01:30	.6	254.7	.8	232.9	1.6	222.7	2.9	209.7	4.1
01:45	.2	126.9	.8	240.3	1.3	218.7	2.4	204.4	3.5
02:00	.4	122.1	.4	233.6	1.0	234.3	1.7	207.7	3.5
02:15	.3	166.2	.5	221.2	1.2	248.0	1.5	229.9	3.2
02:30	.3	243.5	.8	239.5	1.4	250.6	1.5	241.8	1.6
02:45	.8	258.6	.8	239.1	1.5	253.6	1.4	245.1	1.6
03:00	1.5	255.6	1.2	236.4	2.5	252.2	2.8	246.9	4.5
03:15	1.4	242.8	2.0	234.6	3.3	242.8	4.3	236.5	6.0
03:30	1.5	226.5	2.8	230.6	3.5	233.7	4.5	237.0	5.6
03:45	2.1	245.1	3.5	233.1	3.7	241.9	4.6	249.0	5.6
04:00	3.5	267.1	4.6	265.9	5.9	274.3	6.3	277.3	7.0
04:15	4.3	279.3	6.7	288.7	7.7	288.6	8.3	290.8	8.5
04:30	3.7	284.6	6.2	292.9	7.3	291.6	8.1	293.0	9.1
04:45	3.7	276.6	5.2	288.1	6.8	288.9	8.0	293.3	9.3
05:00	2.8	272.7	4.3	288.1	6.4	288.9	8.1	294.9	9.3
05:15	2.6	273.7	4.0	285.9	6.4	289.7	8.4	295.6	10.0
05:30	4.3	275.4	4.9	285.8	7.0	291.9	8.5	297.8	10.1
05:45	4.2	277.4	4.8	289.4	6.7	292.1	7.9	296.4	9.2
06:00	2.0	276.0	3.5	294.9	5.2	290.4	6.8	294.6	8.2
06:15	1.8	274.9	3.4	291.6	5.2	290.4	6.7	295.3	8.1
06:30	1.9	276.6	3.5	277.9	5.9	287.1	7.1	292.2	8.1
06:45	1.9	273.4	3.3	268.4	4.9	285.4	6.2	292.5	7.3
07:00	1.6	272.2	3.0	271.3	4.4	284.2	5.9	292.0	7.1
07:15	.9	273.9	2.5	278.6	4.4	288.4	5.9	294.4	6.9
07:30	.9	274.6	2.3	277.0	4.2	291.8	5.8	297.7	6.2
07:45	1.0	276.1	2.0	275.2	4.3	287.6	5.5	295.4	5.5
08:00	1.2	81.5	.9	270.0	3.0	286.6	4.2	291.8	4.3
08:15	.4	77.0	.7	271.8	2.0	287.6	3.4	288.8	3.9
08:30	.7	97.7	1.8	278.4	2.7	285.1	4.1	288.8	4.5
08:45	.1	249.1	1.2	276.0	2.3	281.7	3.5	285.6	4.1
09:00	.5	288.3	.4	267.8	1.5	277.7	2.2	282.5	3.2
09:15	.5	291.0	1.1	261.4	1.8	276.1	2.4	282.0	2.9
09:30	1.2	269.6	2.0	266.3	2.1	283.0	2.4	283.5	2.5
09:45	1.8	266.0	1.8	268.1	2.0	286.2	2.2	291.0	2.1
10:00	.7	274.6	1.8	275.1	1.9	278.3	2.2	287.1	2.2
10:15	.6	277.2	1.7	276.8	1.6	277.2	1.7	284.6	1.9
10:30	.7	263.5	1.2	272.1	1.4	279.8	1.7	292.4	2.0
10:45	.1	132.5	1.5	283.4	2.2	279.8	2.4	288.3	2.4
11:00	.7	78.6	1.6	293.8	2.3	286.3	2.5	289.3	2.6
11:15	.9	76.3	1.3	294.8	1.7	299.1	2.3	303.3	2.7
11:30	.9	79.7	1.3	285.1	1.7	293.4	2.1	308.4	2.2
11:45	.9	94.0	1.1	281.2	1.5	293.2	1.8	305.7	2.1
12:00	.9	77.6	.7	293.9	1.5	309.7	2.2	318.6	2.7
12:15	.7	65.2	.6	300.4	1.3	306.8	2.1	320.2	2.8
12:30	.5	69.1	.9	273.2	1.2	290.7	1.5	306.0	2.0



## Daily Summary Report

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10/12/2019

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	188.0	8.0	185.0	10.3	192.0	10.7	189.0		
00:15	190.7	7.4	187.0	10.2	192.0	10.9	190.0		
00:30	192.8	7.4	188.9	10.2	190.9	11.0	192.0		
00:45	193.2	7.1	190.8	9.6	193.2	11.2	195.0		
01:00	204.5	6.1	199.5	9.4	198.2	11.3	197.4		
01:15	210.7	6.1	201.2	10.0	199.7	10.5	193.0		
01:30	202.3	6.2	195.7	9.6	194.2	10.2	191.0		
01:45	198.9	5.5	193.3	8.2	192.9	9.9	189.2		
02:00	199.3	4.8	195.2	8.9	195.3	10.5	203.0		
02:15	204.0	2.4	205.6	9.5	200.0	11.0	207.0		
02:30	223.4	.6	294.2	10.0	205.0	11.5	213.0		
02:45	249.9	.6	238.6	10.6	213.0	12.5	218.0		
03:00	246.7	4.5	234.9	11.3	223.6	13.5	223.0		
03:15	234.7	7.3	235.0	11.4	228.1	14.3	227.8		
03:30	232.8	7.3	239.8	10.8	232.4	14.3	225.0		
03:45	244.7	7.6	249.2	11.8	228.0	14.2	223.5	14.4	223.7
04:00	270.0	7.5	280.3	8.0	293.2	9.0	243.0	12.8	220.0
04:15	294.3	8.3	296.4	7.4	290.1	6.3	263.7	10.5	221.0
04:30	296.4	10.0	296.0	8.6	290.0	6.3	269.1	8.5	221.1
04:45	297.3	11.2	297.8	9.6	290.5	6.9	279.3	7.1	227.5
05:00	298.1	11.2	301.2	9.9	292.4	7.2	278.5	5.9	239.8
05:15	299.1	11.2	301.5	9.5	292.2	7.0	271.8	5.8	237.0
05:30	301.8	10.8	302.0	8.8	292.7	6.9	277.3	5.6	243.4
05:45	302.5	10.1	305.7	8.4	297.0	6.9	285.4	5.7	258.3
06:00	301.4	9.4	309.1	8.2	302.6	6.6	290.0	5.8	267.8
06:15	302.2	9.0	310.3	7.9	308.0	6.6	298.4	5.4	272.7
06:30	302.7	8.5	310.6	7.3	308.2	6.5	304.6	4.5	268.3
06:45	300.7	8.1	310.1	6.5	305.5	5.8	301.5	4.3	260.4
07:00	301.7	7.7	313.5	6.0	313.8	5.3	304.5	4.2	270.1
07:15	308.5	7.1	321.4	5.1	326.5	5.0	314.6	3.9	291.8
07:30	312.5	5.7	327.7	4.0	334.1	3.9	319.2	3.5	299.8
07:45	313.0	4.7	326.6	3.0	336.6	3.0	320.3	2.7	297.3
08:00	313.1	3.9	328.2	2.3	27.8	1.7	337.8	2.6	296.9
08:15	300.6	3.5	323.6	2.3	31.0	1.3	39.1	2.1	299.1
08:30	300.1	3.9	320.5	2.5	345.1	2.0	57.4	1.8	301.4
08:45	303.6	3.6	320.0	2.7	340.7	2.6	60.7	2.3	289.7
09:00	294.1	3.2	310.0	2.8	325.0	2.5	63.2	2.0	285.0
09:15	288.2	3.3	301.3	2.8	309.4	2.3	55.0	2.0	284.2
09:30	283.5	2.9	295.2	2.1	315.3	2.1	47.3	1.6	273.8
09:45	303.3	2.4	314.5	1.4	1.9	1.1	34.0	1.0	281.9
10:00	307.5	2.6	329.6	2.1	18.5	.3	47.6	.6	33.9
10:15	297.2	2.2	324.3	2.0	24.4	1.0	88.8	.6	51.0
10:30	295.6	1.9	317.0	1.8	24.5	1.4	65.7	.9	52.0
10:45	293.8	2.2	315.3	2.0	16.6	1.4	53.5	1.2	52.7
11:00	302.5	2.6	323.1	1.7	21.7	1.3	72.1		
11:15	321.9	3.0	343.7	2.1	25.2	1.9	76.7		
11:30	323.9	2.6	343.0	2.5	10.8	1.6	78.1		
11:45	312.4	2.5	328.4	2.4	.1	1.0	75.6		
12:00	333.9	2.9	350.2	2.6	10.2	1.4	41.4	1.0	53.3
12:15	350.4	2.8	8.1	1.9	33.7	1.2	35.6	1.1	354.0
12:30	346.2	2.0	7.7	1.2	40.0	.8	40.0		



## Daily Summary Report

Site: ORNL Sodar

10/12/2019

Interval: 015m

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	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				
03:15				
03:30				
03:45	14.1	225.4	13.7	221.5
04:00	12.4	224.3	13.0	221.8
04:15	11.4	220.0	13.0	221.0
04:30	10.2	216.3	12.0	220.6
04:45	8.5	220.7	11.2	221.1
05:00	8.2	224.3	11.4	221.2
05:15	8.5	225.7	10.5	223.0
05:30	8.4	224.3	10.0	224.0
05:45	7.1	228.5	9.0	226.0
06:00	5.8	234.6	8.0	228.0
06:15	4.9	237.3	7.1	229.5
06:30	4.8	237.2	6.3	226.0
06:45	5.1	237.0	6.4	223.5
07:00	4.8	244.2	5.9	228.2
07:15	4.1	249.9	5.7	233.8
07:30	3.2	244.9	5.2	236.5
07:45	3.2	244.4	5.3	232.6
08:00	3.9	238.6	6.1	225.6
08:15	3.5	241.0	5.9	221.6
08:30	3.0	265.6	4.6	233.1
08:45	3.0	266.4	4.8	234.8
09:00	2.8	263.9	4.9	234.7
09:15	2.7	276.3	4.1	249.8
09:30	2.4	277.7	3.8	252.5
09:45	2.5	280.8	3.7	249.5
10:00	1.9	275.9	3.6	255.0
10:15	1.4	260.9	3.6	266.8
10:30	1.1	283.6		
10:45	.9	335.3		
11:00				
11:15				
11:30				
11:45				
12:00				
12:15				
12:30				

	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	4.0	268.8		
15:30	2.7	270.5		
15:45	2.7	277.4	3.1	281.0
16:00	2.7	302.9	2.8	315.4
16:15	4.2	348.0	4.2	343.8
16:30	5.0	354.0	5.5	356.1
16:45	8.5	355.0	7.9	357.8
17:00	11.2	356.2	7.8	356.2
17:15				
17:30				
17:45				
18:00				
18:15				
18:30				
18:45				
19:00				
19:15				
19:30				
19:45				
20:00				
20:15				
20:30				
20:45				
21:00				
21:15				
21:30				
21:45				
22:00	16.0	47.3		
22:15	15.3	48.3	13.7	45.6
22:30	15.1	44.4	12.9	33.7
22:45				
23:00				
23:15				
23:30				
23:45				
<b>Avg</b>	6.0	262.0	7.3	245.0
<b>Max</b>	16.0	356.2	13.7	357.8
<b>Max Time</b>	22:00	17:00	22:15	16:45
<b>Min</b>	.9	44.4	2.8	33.7
<b>Count</b>	40	40	35	35
<b>Total</b>				