

## Daily Summary Report

Site: ORNL Sodar

12/1/2019

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	3.0	178.0	2.2	168.0	3.8	168.0	5.7	166.0	8.9
00:15	3.0	180.3	2.3	169.7	3.7	170.4	5.7	168.3	8.5
00:30	2.2	183.6	2.7	168.0	4.3	167.5	6.1	170.1	8.5
00:45	2.4	176.8	3.1	161.1	5.1	165.2	6.6	168.5	8.6
01:00	.4	141.8	1.8	137.6	3.5	146.1	4.8	151.2	7.0
01:15	.4	28.3	.8	85.2	1.3	99.1	1.8	109.7	3.5
01:30	.6	45.4	1.3	51.9	1.5	51.3	1.6	72.3	2.5
01:45	.7	75.3	1.7	65.0	2.3	64.2	2.5	83.8	3.4
02:00	.3	78.8	1.6	68.1	2.4	59.3	2.5	83.9	3.2
02:15	.3	68.3	1.6	56.9	2.7	57.8	2.7	80.5	3.1
02:30	.4	51.7	1.5	65.0	2.5	80.2	2.8	105.5	3.7
02:45	.7	67.3	2.1	81.0	2.7	108.0	3.3	134.8	4.6
03:00	.7	74.2	1.8	73.4	2.0	124.1	3.2	156.9	4.9
03:15	.3	23.4	.8	341.5	.1	264.8	3.7	210.0	6.0
03:30	.9	283.3	3.1	285.0	2.8	280.7	4.2	225.0	6.6
03:45	1.2	270.4	2.0	257.4	3.1	242.4	4.7	239.4	7.2
04:00	.3	233.8	1.9	212.1	3.2	223.6	5.0	222.6	7.6
04:15	.2	240.2	1.8	214.0	3.1	223.0	4.9	222.2	7.2
04:30	.5	220.4	1.5	232.2	3.1	226.8	4.6	223.4	6.9
04:45	.6	222.5	2.4	244.5	3.8	231.0	5.2	226.2	7.7
05:00	3.1	235.5	3.3	234.0	5.1	228.0	6.6	225.9	8.8
05:15	3.3	227.8	3.9	221.0	5.6	218.9	7.2	218.2	9.2
05:30	3.6	224.4	3.9	215.3	5.6	211.9	7.4	212.1	9.3
05:45	3.9	212.7	3.8	208.2	6.0	207.5	7.7	210.9	9.5
06:00	4.3	161.3	4.5	196.1	6.5	199.1	7.4	205.2	8.6
06:15	4.6	182.0	4.4	191.7	6.1	194.5	7.2	199.3	8.6
06:30	4.8	182.0	3.4	204.0	5.1	204.4	6.7	206.3	8.5
06:45	3.0	183.5	2.9	220.0	4.5	221.9	5.9	220.2	7.5
07:00	2.5	240.8	3.6	232.6	5.5	233.7	6.9	232.4	8.9
07:15	2.8	253.0	5.0	239.0	6.6	240.9	8.0	242.3	9.5
07:30	3.1	265.8	4.4	246.9	6.4	250.5	7.8	251.8	8.7
07:45	4.0	266.0	4.7	251.0	6.6	254.1	8.2	256.8	9.6
08:00	5.0	267.0	6.0	255.7	7.6	254.0	9.2	257.4	10.5
08:15	6.4	268.0	6.9	260.7	8.7	256.2	9.7	257.7	11.3
08:30	8.7	269.5	8.4	262.7	10.3	258.5	11.3	259.5	12.7
08:45	8.2	269.7	7.7	259.9	9.8	257.1	11.0	258.8	11.9
09:00	6.4	268.5	6.3	257.3	8.0	253.9	9.5	253.8	10.8
09:15	6.4	268.5	5.5	258.2	7.5	254.3	9.1	250.4	10.1
09:30	6.3	268.3	4.7	257.1	7.9	257.3	8.6	251.7	9.2
09:45	.5	254.3	3.1	259.1	6.1	255.2	7.1	250.8	8.5
10:00	.2	161.8	1.6	246.5	4.7	237.5	6.5	239.2	8.0
10:15	.6	210.0	3.5	238.4	6.8	236.7	8.6	231.6	8.9
10:30	4.6	259.9	6.4	245.6	8.1	246.1	9.4	237.1	9.3
10:45	3.7	257.1	6.1	245.6	7.8	242.5	9.2	239.2	9.5
11:00	3.8	252.9	5.3	239.2	7.5	236.1	9.1	234.8	10.0
11:15	4.5	250.0	6.0	234.0	7.6	235.3	8.7	231.5	10.1
11:30	5.5	247.0	6.2	230.2	7.9	229.3	8.6	226.8	9.8
11:45	6.5	244.7	7.5	234.7	9.4	229.9	9.5	228.9	11.0
12:00	7.5	240.8	8.6	233.4	11.1	231.0	11.3	229.1	12.4
12:15	7.3	235.5	9.0	236.2	11.4	230.0	12.7	227.4	12.8
12:30	8.2	228.0	9.3	228.9	11.5	229.1	12.7	227.6	13.0



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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	168.0	10.9	170.0	14.0	173.0	16.7	182.0		
00:15	170.6	10.0	173.5	12.9	174.3	17.5	180.4		
00:30	172.5	9.7	171.4	11.7	172.5	16.0	170.0		
00:45	171.6	10.4	170.1	12.3	172.5	14.0	164.0		
01:00	155.0	8.8	154.3	10.8	163.0	12.0	159.0		
01:15	133.6	5.8	144.3	8.7	158.9	10.3	159.3		
01:30	114.2	4.0	133.4	8.0	155.1	9.9	164.2	13.8	173.7
01:45	117.8	4.7	140.7	8.3	160.0	11.2	170.1	14.2	178.5
02:00	126.1	4.8	150.0	7.9	166.4	11.0	178.5	14.4	180.2
02:15	126.3	4.9	152.2	8.0	172.3	11.1	183.3	14.2	180.5
02:30	141.5	5.5	160.4	8.7	177.3	11.3	181.7	13.9	187.8
02:45	156.0	6.1	165.5	9.2	179.1	11.8	185.0	12.7	189.1
03:00	168.0	6.5	173.6	11.2	184.3	12.5	190.0	12.6	195.0
03:15	195.0	7.2	194.1	11.3	195.0	13.3	200.0	12.5	200.0
03:30	215.0	8.0	210.0	11.4	205.0	13.8	203.0	12.4	206.0
03:45	236.0	8.6	226.9	11.5	215.4	14.3	205.9	12.3	211.8
04:00	219.6	9.7	212.4	12.0	208.3	13.5	204.6	13.2	212.0
04:15	212.4	9.9	206.5	11.9	207.8	12.7	216.0	14.1	221.9
04:30	212.2	10.1	207.5	10.7	215.0	13.2	225.2	15.4	226.1
04:45	220.6	10.4	217.9	11.7	221.9	14.5	231.2	16.5	231.8
05:00	223.1	10.6	224.2	13.6	234.2	14.9	236.0	16.4	236.9
05:15	222.2	11.0	226.8	14.0	241.0	15.3	236.3	16.9	234.0
05:30	221.2	11.1	228.7	13.1	238.8	14.5	233.2	15.8	233.6
05:45	220.1	11.1	228.8	12.4	232.7	12.9	232.8	14.7	233.8
06:00	213.3	10.4	221.8	12.2	224.2	12.9	226.2	14.2	228.2
06:15	206.0	10.1	213.6	12.0	220.7	13.0	224.5	14.7	231.1
06:30	209.0	10.2	214.4	12.8	223.7	13.6	230.6	15.5	232.1
06:45	220.8	9.6	222.4	13.2	226.4	14.8	233.8	16.6	234.3
07:00	235.5	10.8	234.3	14.1	234.6	16.0	236.3	17.7	237.9
07:15	243.0	11.4	242.2	14.4	239.1	16.7	239.6	15.9	235.3
07:30	254.7	10.2	254.9	11.3	247.1	14.5	250.0	13.9	244.7
07:45	260.7	11.0	261.7	12.0	258.9	12.4	262.9	14.5	255.0
08:00	261.9	11.8	262.5	13.2	264.2	14.8	265.0	15.3	267.1
08:15	261.9	12.1	263.7	13.9	265.3	15.2	267.2	14.9	265.5
08:30	261.2	13.7	262.3	16.1	261.7	15.9	265.0	15.5	255.0
08:45	259.7	13.3	259.4	15.6	257.6	15.7	255.1	16.6	242.0
09:00	256.3	12.0	255.3	14.6	248.7	17.3	235.7	17.8	230.1
09:15	253.5	11.5	251.6	14.3	244.0	17.5	237.4	18.1	229.7
09:30	249.8	10.8	246.0	13.5	240.3	15.7	235.5	18.1	223.4
09:45	244.3	9.6	239.0	12.3	233.6	14.7	230.0	16.2	222.2
10:00	233.3	9.6	227.5	12.1	230.2	14.4	229.6	15.4	224.1
10:15	231.1	10.9	223.2	13.1	226.4	14.3	226.9	14.1	224.9
10:30	244.9	9.8	234.6	12.6	226.7	14.7	224.5	13.4	225.5
10:45	245.0	10.4	234.2	12.6	228.4	14.7	222.0	14.3	224.2
11:00	236.2	12.2	228.2	13.7	226.2	15.0	224.2	14.9	227.2
11:15	231.4	11.4	224.9	12.6	225.3	12.3	227.1	13.8	221.8
11:30	229.2	11.0	222.8	12.4	225.4	11.9	224.6	13.6	222.1
11:45	230.3	11.5	224.1	13.1	227.8	13.8	227.2	14.1	227.1
12:00	228.6	12.1	227.8	12.6	227.7	13.7	224.8	14.1	227.4
12:15	230.1	13.6	228.3	13.3	227.7	13.9	229.3	15.0	228.6
12:30	229.7	14.3	222.5	15.3	228.6	13.8	229.2	15.0	228.4



## Daily Summary Report

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12/1/2019

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	16.4	190.8		
02:00	19.0	192.5	24.0	194.0
02:15	17.6	198.1	19.7	195.3
02:30	13.6	206.2	19.0	200.0
02:45	10.6	206.8	18.0	204.0
03:00	11.5	209.0	17.0	208.0
03:15	12.5	212.0	16.5	212.0
03:30	13.3	214.0	16.0	216.0
03:45	14.3	217.0	15.5	220.0
04:00	15.1	220.1	14.8	224.3
04:15	16.5	225.2	16.2	227.3
04:30	16.8	229.2	17.4	225.9
04:45	17.3	228.6	17.7	224.4
05:00	16.4	229.8	17.2	230.0
05:15	16.3	231.7	17.0	235.0
05:30	17.3	231.5	16.7	239.3
05:45	17.7	230.4	17.3	238.1
06:00	16.6	232.2	16.3	237.3
06:15	16.5	238.9	15.9	229.4
06:30	15.5	229.0	15.6	226.7
06:45	17.0	232.0	15.4	226.0
07:00	18.0	234.6	15.2	226.0
07:15	18.2	234.0	15.1	226.0
07:30	18.3	233.0	15.0	225.0
07:45	18.5	233.0	15.0	225.0
08:00	18.6	233.0	14.9	224.0
08:15	18.8	232.0	14.8	224.0
08:30	19.0	232.0	14.8	224.0
08:45	19.1	231.0	14.7	223.0
09:00	19.2	231.0	14.6	223.0
09:15	19.3	230.3	14.5	223.0
09:30	18.1	227.4	14.5	223.0
09:45	16.4	226.2	14.4	222.8
10:00	16.3	226.9	14.2	226.1
10:15	16.4	227.1	15.0	231.7
10:30	18.1	229.9	14.8	228.0
10:45	15.0	227.0	14.3	226.0
11:00	12.8	225.9	13.9	224.5
11:15	14.1	226.3	14.2	226.0
11:30	15.4	226.1	13.3	220.9
11:45	14.0	220.0	12.5	221.9
12:00	13.0	225.0	11.6	223.5
12:15	12.8	233.0	11.5	224.0
12:30	12.9	231.9	11.5	224.0

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	M/SEC	DEG	M/SEC	DEG
12:45	13.5	231.0	11.4	225.0
13:00	14.7	233.9	11.4	225.8
13:15	14.3	232.0		
13:30	14.0	230.6		
13:45	14.1	224.7		
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				
19:45				
20:00				
20:15				
20:30				
20:45				
21:00				
21:15				
21:30				
21:45				
22:00	11.2	288.6		
22:15	11.3	289.0		
22:30	11.3	289.0		
22:45	11.3	289.0		
23:00	11.4	289.0		
23:15	11.4	289.0		
23:30	11.5	290.0		
23:45	11.5	290.0		
<b>Avg</b>	15.3	233.0	15.3	223.0
<b>Max</b>	19.3	290.0	24.0	239.3
<b>Max Time</b>	09:15	23:45	02:00	05:30
<b>Min</b>	10.6	190.8	11.4	194.0
<b>Count</b>	57	57	45	45
<b>Total</b>				