

## Daily Summary Report

Site: ORNL Sodar

5/9/2017

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	.2	271.9	.8	187.9	.6	231.6	.3	284.8	.4
00:15	.3	294.4	1.1	189.9	.5	233.3	.1	307.7	.2
00:30	.5	292.8	1.3	205.5	.8	227.9	.5	219.9	.1
00:45	.7	295.8	1.4	218.9	1.2	226.8	.7	214.3	.2
01:00	.4	302.2	1.1	228.9	1.5	238.4	.7	225.3	.4
01:15	.2	323.8	1.0	251.9	1.9	251.0	1.0	240.8	.6
01:30	.3	306.3	1.6	272.9	2.6	260.0	1.7	252.4	.5
01:45	.8	261.8	1.9	272.3	3.4	260.1	2.9	249.9	2.0
02:00	1.2	259.0	2.0	265.3	3.6	259.8	3.8	257.2	4.1
02:15	1.4	264.6	2.5	263.1	3.7	257.8	4.4	261.2	5.5
02:30	1.7	266.5	3.1	252.5	4.3	250.4	5.2	252.6	7.4
02:45	1.5	257.1	3.4	241.4	4.7	244.5	6.0	243.5	8.3
03:00	2.0	250.4	3.3	242.6	4.6	242.2	6.3	238.1	8.5
03:15	2.5	263.5	3.6	250.7	4.4	240.5	6.1	233.7	8.5
03:30	2.6	271.6	3.6	253.0	4.3	241.8	5.6	235.2	7.5
03:45	2.3	266.9	3.2	257.5	4.3	246.0	5.3	242.4	6.5
04:00	2.0	264.5	3.2	257.1	4.4	246.0	5.6	243.0	6.7
04:15	2.0	264.7	3.5	252.6	4.6	242.6	5.7	241.7	7.3
04:30	2.1	259.3	3.2	248.3	4.5	241.8	5.6	238.5	7.7
04:45	1.8	249.5	3.2	246.8	4.4	240.0	5.8	234.6	8.2
05:00	1.6	246.9	3.0	248.1	4.2	235.5	5.2	235.0	7.4
05:15	1.1	257.8	2.4	250.2	3.5	233.5	4.4	232.3	6.1
05:30	1.1	254.6	2.2	246.9	3.3	228.5	4.4	228.8	5.8
05:45	1.4	247.0	2.9	232.9	3.9	222.7	5.3	226.5	6.9
06:00	1.9	233.9	3.5	222.1	4.6	220.9	6.6	227.6	8.2
06:15	2.5	230.4	2.9	224.5	4.0	229.6	5.8	233.3	7.3
06:30	1.7	265.5	1.8	239.0	3.1	239.2	4.5	239.6	6.4
06:45	1.2	269.2	1.5	248.0	2.7	245.7	4.2	241.6	6.5
07:00	1.2	257.3	1.7	240.6	2.8	237.9	4.4	238.0	7.2
07:15	1.2	262.0	1.6	239.6	2.7	227.1	4.5	234.6	7.4
07:30	1.5	270.0	1.6	255.2	2.4	244.1	4.3	240.4	7.4
07:45	1.6	279.3	1.9	262.7	2.7	256.8	4.3	244.6	7.7
08:00	1.3	279.8	1.6	266.5	2.2	259.4	4.0	245.3	7.3
08:15	1.2	270.5	1.3	273.4	2.4	264.7	4.0	248.2	7.0
08:30	1.1	262.2	1.6	278.5	2.7	264.4	4.3	249.6	7.5
08:45	2.4	261.4	1.7	262.0	2.6	254.1	4.6	243.6	7.7
09:00	2.1	257.9	1.9	246.3	2.6	242.7	4.2	236.8	7.2
09:15	1.2	251.3	1.7	236.7	2.7	233.9	4.1	231.9	7.2
09:30	1.3	247.5	1.7	220.5	3.0	227.3	4.3	231.1	7.1
09:45	1.0	211.0	1.6	216.4	2.6	220.5	3.7	225.0	6.0
10:00	1.5	197.2	1.8	203.1	2.1	204.1	3.0	216.0	4.9
10:15	1.3	218.0	2.2	212.9	2.1	213.3	3.0	218.7	4.4
10:30	1.2	225.3	2.6	228.5	2.9	225.1	3.9	223.0	4.4
10:45	1.8	217.3	3.0	229.4	3.6	224.4	4.3	226.6	4.7
11:00	2.0	213.5	3.0	224.6	3.3	222.2	3.7	221.9	4.2
11:15	2.0	210.6	3.3	219.9	3.3	217.5	3.6	219.4	3.8
11:30	3.3	217.3	4.7	222.1	4.4	221.6	4.7	226.0	5.1
11:45	3.8	218.6	5.1	222.6	4.6	221.6	4.9	225.0	5.1
12:00	1.8	218.6	3.9	230.7	3.6	232.6	3.7	228.9	3.8
12:15	1.3	272.1	3.1	246.5	3.3	250.0	3.3	245.2	3.8



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5/9/2017

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	137.3	.6	213.0	1.9	225.5	3.4	230.5		
00:15	147.8	.7	234.6	2.3	236.9	2.3	238.8		
00:30	225.2	.6	214.9	2.1	223.5	4.0	245.0		
00:45	207.5	.7	199.5	2.7	215.6	5.0	253.0		
01:00	229.2	.6	212.7	3.1	226.2	6.2	261.3		
01:15	217.4	.8	201.6	2.1	220.8	7.8	260.8		
01:30	209.0	1.1	198.7	2.0	210.4	6.8	260.5	9.0	268.2
01:45	257.0	2.9	243.9	4.0	235.0	7.5	261.0	10.0	269.0
02:00	258.4	5.5	255.5	7.1	260.8	9.1	261.0	10.9	270.3
02:15	254.8	7.4	249.6	8.9	255.1	9.1	263.7	10.6	272.2
02:30	247.9	9.5	241.4	10.4	250.1	9.8	261.5	11.1	271.3
02:45	240.0	10.0	240.5	10.3	249.0	10.3	259.3	11.3	269.4
03:00	236.4	10.2	245.1	9.6	253.1	10.0	263.3	11.3	272.7
03:15	238.3	10.0	248.1	9.3	258.3	9.9	266.5	11.5	274.1
03:30	241.5	9.1	248.4	8.8	261.0	10.2	271.3	11.2	279.1
03:45	249.5	8.0	252.8	7.9	266.5	9.1	278.1	11.3	286.3
04:00	253.2	7.9	257.4	7.7	270.0	8.4	279.8	11.5	286.6
04:15	245.4	8.0	253.7	7.3	268.1	8.6	281.4	11.7	287.5
04:30	238.7	8.0	247.2	6.8	264.1	9.0	280.4	11.8	284.1
04:45	235.7	8.0	243.1	7.7	254.0	8.4	275.9	10.9	281.3
05:00	233.4	8.1	240.8	8.6	252.5	7.9	273.0	9.8	283.8
05:15	232.5	8.0	239.8	7.9	257.7	8.5	270.6	9.5	284.2
05:30	233.1	7.3	239.3	7.8	260.1	8.6	273.7	11.1	280.4
05:45	236.2	7.8	243.7	9.2	262.0	9.9	277.6	12.7	285.8
06:00	237.9	8.9	247.3	10.0	252.8	10.3	278.8	12.0	288.0
06:15	239.6	7.9	247.2	9.0	258.4	9.1	276.6	11.0	292.0
06:30	241.1	6.8	246.8	9.2	265.4	7.9	280.6	10.0	296.0
06:45	238.5	6.8	248.8	9.7	264.7	6.9	285.4	9.5	301.0
07:00	235.3	7.3	247.1	9.5	259.3	9.2	279.4	9.1	305.3
07:15	235.2	7.5	243.6	9.0	254.4	10.0	278.6	10.9	301.0
07:30	237.3	7.3	243.8	8.7	252.2	8.3	286.8	11.0	295.0
07:45	237.0	7.9	244.9	9.4	253.8	8.6	284.1	11.2	288.0
08:00	237.8	8.5	245.1	9.9	256.7	8.9	272.0	11.2	282.5
08:15	239.4	8.3	246.8	8.5	256.1	9.1	266.0	12.6	284.1
08:30	239.2	8.3	249.9	8.9	255.5	10.0	281.0	14.3	297.2
08:45	237.7	8.1	249.5	9.8	258.8	10.2	288.1	13.7	299.6
09:00	232.0	8.2	243.8	10.0	257.1	10.3	289.2	13.8	302.5
09:15	231.4	8.8	241.3	9.2	255.3	10.5	285.0	14.1	302.4
09:30	233.1	8.5	241.7	8.8	257.7	10.1	278.7	13.3	296.0
09:45	228.7	7.6	237.9	8.3	258.1	10.6	273.1	11.3	284.5
10:00	225.5	6.6	235.2	7.5	253.2	9.7	271.5	11.0	283.0
10:15	226.4	6.0	233.5	6.7	249.3	8.4	271.8	10.3	286.7
10:30	226.1	5.4	229.5	5.8	245.7	7.0	268.1	8.6	279.0
10:45	224.0	5.0	228.8	5.3	237.6	6.2	258.8	7.8	275.2
11:00	223.3	4.2	231.4	5.2	234.4	5.8	249.2	6.8	271.0
11:15	225.8	4.0	229.6	4.8	239.8	5.5	253.1	6.3	268.2
11:30	220.8	5.4	224.8	4.9	236.8	6.3	262.7	7.1	275.1
11:45	218.0	5.2	220.3	4.9	229.7	6.7	259.4	7.0	270.0
12:00	224.7	4.2	227.5	5.6	232.0	8.2	244.6	8.3	245.6
12:15	241.0	4.1	248.2	5.7	244.4	7.5	242.8	8.1	242.3



## Daily Summary Report

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5/9/2017

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						
00:15						
00:30						
00:45						
01:00						
01:15						
01:30						
01:45						
02:00						
02:15	11.5	276.0				
02:30	12.6	276.2				
02:45	12.2	276.6				
03:00	11.8	280.0				
03:15	11.4	285.7				
03:30	11.4	287.0				
03:45	11.5	288.0				
04:00	11.6	289.1				
04:15	13.4	295.0				
04:30	15.3	290.9				
04:45	14.1	287.5				
05:00	12.4	288.9				
05:15	11.9	287.9				
05:30	13.3	278.4				
05:45	13.4	282.0				
06:00	13.4	286.0				
06:15	13.4	290.0				
06:30	13.4	295.0				
06:45	13.5	300.0				
07:00	13.5	303.0				
07:15	13.6	307.6				
07:30	13.7	307.0				
07:45	13.9	307.0				
08:00	14.1	306.0				
08:15	14.3	306.0				
08:30	14.5	305.0				
08:45	14.7	305.0				
09:00	14.8	304.9	15.4	309.4		
09:15	13.7	305.6	15.1	308.0		
09:30	12.6	306.9				
09:45	12.0	302.0				
10:00	11.0	298.0				
10:15	10.5	294.0				
10:30	10.0	290.0				
10:45	9.0	284.0				
11:00	8.5	278.0				
11:15	8.1	270.9				
11:30	8.4	270.1				
11:45	8.0	270.0				
12:00	7.4	257.2				
12:15	9.8	243.5				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	10.2	241.0				
12:45	10.5	239.0				
13:00	10.8	237.0				
13:15	11.0	235.0				
13:30	11.3	232.0				
13:45	11.5	230.0				
14:00	11.8	228.0				
14:15	12.0	226.0				
14:30	12.4	224.0				
14:45	12.7	221.9	12.1	225.6		
15:00	13.5	225.6	15.1	220.3	13.5	227.1
15:15	12.4	233.3	14.7	220.0		
15:30	12.6	231.0	14.3	220.0		
15:45	12.8	228.0	14.0	220.0		
16:00	13.0	226.0	13.0	219.0		
16:15	13.3	224.0	13.3	219.0		
16:30	13.5	222.0	13.0	219.0		
16:45	13.9	219.7	12.8	219.0		
17:00	13.1	223.0	12.5	219.0		
17:15	11.8	224.5	12.3	218.8		
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						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	12.2	269.4	13.7	233.6	13.5	227.1
Max	15.3	307.6	15.4	309.4	13.5	227.1
Hr. of Max	18	29	36	36	60	60
Min	7.4	219.7	12.1	218.8	13.5	227.1
Count	61	61	13	13	1	1
Total						