

## Daily Summary Report

Site: ORNL Sodar

12/13/2017

Interval: 015m

	03_Ht	04_WS060m	05_WDir060m	06_WS100m	07_WDir100m	08_WS140m	09_WDir140m	10_WS180m	11_WDir180m
Hour	METERS	M/SEC	DEG	M/SEC	DEG	KPH	DEG	M/SEC	DEG
00:00	100	.4	286.6	1.0	303.5	2.8	310.2	3.9	298.4
00:15	100	.5	270.5	1.4	310.6	2.9	317.0	3.4	306.3
00:30	100	.9	268.1	1.7	301.0	3.3	308.9	3.4	305.5
00:45	100	.9	269.9	1.9	299.0	3.4	301.8	3.6	297.5
01:00	100	.5	277.2	1.7	303.5	2.8	311.1	2.9	301.6
01:15	100	.6	275.2	1.6	301.4	3.1	316.0	3.5	313.7
01:30	100	.7	277.2	1.6	306.5	3.4	316.2	4.3	319.6
01:45	100	.7	269.8	1.3	302.6	3.2	314.1	3.9	313.0
02:00	100	.8	251.1	1.3	294.1	2.8	307.3	3.5	308.3
02:15	100	.9	254.5	1.3	291.3	2.4	301.4	2.7	304.3
02:30	100	1.0	263.9	1.1	285.4	2.1	305.9	2.3	301.3
02:45	100	.8	279.1	.7	294.2	1.6	311.5	1.7	303.3
03:00	100	.8	295.2	.8	308.5	1.4	307.9	1.3	306.8
03:15	100	.7	277.2	1.3	299.7	1.6	313.5	1.4	311.5
03:30	100	.8	266.2	1.3	311.6	1.4	319.5	1.1	316.4
03:45	100	.7	269.1	1.2	325.4	1.2	327.0	.5	326.8
04:00	100	.4	267.1	.7	328.0	1.2	324.7	.9	331.0
04:15	100	.5	259.6	.3	261.4	1.2	291.3	1.3	298.8
04:30	100	.5	283.7	.5	257.7	1.4	261.4	1.7	271.2
04:45	100	.4	282.7	.4	271.1	1.2	262.8	1.8	275.2
05:00	100	.5	277.2	.6	267.3	1.1	274.6	1.2	285.1
05:15	100	.7	276.0	.5	269.4	1.0	279.8	1.0	292.7
05:30	100	.9	264.8	.3	272.1	.8	287.5	.6	287.6
05:45	100	1.0	273.4	.5	267.9	.8	290.6	.4	297.5
06:00	100	.8	281.7	.6	293.1	.8	295.7	.7	308.8
06:15	100	.6	281.0	.3	314.9	.9	293.6	1.0	309.0
06:30	100	.5	286.8	.2	280.7	.7	279.8	.8	304.6
06:45	100	.5	287.7	.2	266.6	.4	270.5	.5	292.4
07:00	100	.3	271.3	.2	268.2	.2	264.9	.6	287.3
07:15	100	.1	247.6	.1	210.7	.1	124.4	.4	308.4
07:30	100	.1	272.9	.2	186.8	.1	93.3	.1	330.4
07:45	100	.1	252.1	.2	206.0	.1	264.4	.2	82.1
08:00	100	.3	260.4	.5	203.2	.2	217.7	.2	82.7
08:15	100	.5	263.2	.9	193.9	.3	223.6	.2	264.0
08:30	100	.3	266.0	.4	194.7	.2	247.4	.3	309.2
08:45	100	.2	218.6	.1	196.8	.1	351.8	.3	311.2
09:00	100	.4	225.8	.1	8.3	.2	341.5	.2	272.3
09:15	100	.4	242.0	.3	321.3	.5	301.7	.4	270.7
09:30	100	.3	234.7	.4	261.7	.6	274.6	.6	281.0
09:45	100	.4	221.1	.4	243.0	.6	239.2	.4	255.1
10:00	100	.5	197.8	.7	206.8	1.1	201.3	1.0	194.1
10:15	100	.7	215.3	1.6	215.3	1.5	210.5	1.3	203.8
10:30	100	.9	246.2	1.7	236.7	1.4	236.1	1.0	242.4
10:45	100	.8	254.9	1.3	235.4	1.4	242.5	1.8	243.4
11:00	100	1.3	225.1	2.0	222.1	1.9	233.1	2.1	235.1
11:15	100	1.9	229.3	3.1	235.8	3.2	235.4	3.0	238.2
11:30	100	1.8	231.1	2.9	227.2	3.6	225.9	3.6	227.9
11:45	100	1.4	213.0	2.6	210.2	2.9	221.0	2.9	223.9
12:00	100	1.1	208.6	2.2	208.2	3.0	224.2	2.9	232.1
12:15	100	1.1	223.9	2.5	225.9	3.4	226.0	3.4	232.8



## Daily Summary Report

Site: ORNL Sodar

12/13/2017

Interval: 015m

	12_WS240m	13_WDir240m	14_WS300m	15_WDir300m	16_WS400m	17_WDir400m	18_WS500m	19_WDir500m	20_WS600m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC
00:00	3.7	301.2	4.0	293.4	7.3	306.0			
00:15	3.3	314.0	3.8	311.3	5.6	323.9			
00:30	2.7	320.7	2.9	316.0	3.2	294.5			
00:45	2.3	311.3	2.8	297.0	3.0	291.0			
01:00	1.8	317.8	2.3	305.2	2.8	288.0			
01:15	2.8	331.0	2.9	322.8	2.5	285.0			
01:30	3.4	327.7	5.2	337.4	2.3	282.0			
01:45	2.3	300.2	4.2	336.1	2.0	279.0			
02:00	2.5	300.4	3.5	329.0	1.8	276.0			
02:15	2.3	305.6	2.3	315.3	1.5	273.0			
02:30	1.7	311.3	1.5	313.8	1.3	270.0			
02:45	1.2	316.6	1.2	324.7	1.0	266.0			
03:00	.9	310.8	1.0	314.3	1.0	262.1			
03:15	.8	313.3	.8	312.3	.9	331.0			
03:30	.5	322.3	.4	332.4	1.0	355.8			
03:45	.4	323.0	.4	332.1	1.9	355.1			
04:00	.6	307.1	.7	325.3	3.6	356.7			
04:15	1.0	291.4	.5	319.1	3.1	357.0			
04:30	1.2	287.5	.4	274.7					
04:45	1.2	286.3	.7	276.6	.7	195.8			
05:00	1.0	290.9	.5	274.2	.3	243.1			
05:15	.7	300.4	.2	285.4	.1	181.6			
05:30	.6	283.1	.1	73.2	.4	55.7			
05:45	.5	280.1	.3	38.8					
06:00	.4	313.2	.8	359.8					
06:15	.5	316.0	.9	326.4					
06:30	.6	302.2	.1	290.7					
06:45	.5	301.7	.5	97.3					
07:00	.1	55.9	.2	196.7					
07:15	.3	83.4	.7	186.2					
07:30	.1	99.5	.8	89.5					
07:45	.1	103.3	2.0	82.9					
08:00	.3	157.7	1.5	95.0					
08:15	.3	167.1	.7	109.7					
08:30	.4	109.7	.2	224.9					
08:45	.2	146.1	.3	184.5					
09:00	.5	204.8	.9	167.2					
09:15	.5	212.3	1.0	204.1					
09:30	.2	270.4	.2	275.2					
09:45	.6	201.5	.7	193.6					
10:00	1.5	194.0	1.7	191.8					
10:15	1.7	194.9	1.8	186.4	1.6	200.6			
10:30	1.2	200.6	1.4	212.0	2.6	223.7			
10:45	1.5	230.9	1.5	252.0	2.8	249.8	2.5	256.1	
11:00	1.9	241.9	1.5	253.2	1.0	235.0	1.3	250.0	
11:15	2.9	236.0	2.8	229.3	3.0	230.0			
11:30	3.2	227.9	3.5	219.4	5.6	224.4			
11:45	2.5	214.5	3.5	214.5	7.0	220.0			
12:00	2.7	223.3	3.9	222.8	8.0	215.0			
12:15	3.8	236.5	4.8	230.1	9.0	205.0			



## Daily Summary Report

Site: ORNL Sodar

12/13/2017

Interval: 015m

	21_WDir600m	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	DEG	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							
02:30							
02:45							
03:00							
03:15							
03:30							
03:45							
04:00							
04:15							
04:30							
04:45							
05:00							
05:15							
05:30							
05:45							
06:00							
06:15							
06:30							
06:45							
07:00							
07:15							
07:30							
07:45							
08:00							
08:15							
08:30							
08:45							
09:00							
09:15							
09:30							
09:45							
10:00							
10:15							
10:30							
10:45							
11:00							
11:15							
11:30							
11:45							
12:00							
12:15							

	21_WDir600m	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30							
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							
19:45							
20:00							
20:15	232.4						
20:30	232.8						
20:45	234.8						
21:00	238.1						
21:15	241.8						
21:30	235.3	16.6	240.3				
21:45	231.3	17.5	242.5				
22:00	235.0	17.4	241.0				
22:15	238.0	17.3	240.0				
22:30	234.0	17.2	240.0				
22:45	229.5	17.1	239.0				
23:00	227.2	17.0	238.5				
23:15	229.0	16.5	241.0				
23:30	231.0	16.0	244.0				
23:45	233.0	15.5	247.0				
Avg	233.5	16.8	241.3				
Max	241.8	17.5	247.0				
Hr. of Max	85	87	95				
Min	227.2	15.5	238.5				
Count	15	10	10	0	0	0	0
Total							