

## Daily Summary Report

Site: ORNL Sodar

12/20/2017

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	.1	33.6	1.5	282.1	2.2	246.2	2.4	241.4
00:15	100	.1	293.9	1.7	275.0	1.8	250.3	2.1	244.4
00:30	100	.2	319.1	1.4	269.2	1.5	244.2	1.7	244.1
00:45	100	.3	346.6	1.0	277.7	1.4	248.3	1.5	249.0
01:00	100	.4	357.2	1.3	295.8	1.3	268.6	1.7	251.1
01:15	100	.5	4.0	1.5	289.9	.7	281.0	.7	237.9
01:30	100	.2	15.6	1.1	277.7	.1	58.8	.6	152.7
01:45	100	.1	343.7	.9	282.3	.3	244.0	.8	173.3
02:00	100	.1	348.4	.4	297.0	.3	256.2	.9	240.6
02:15	100	.1	77.3	.2	358.5	.2	226.7	1.0	239.5
02:30	100	.1	30.1	.3	56.7	.3	215.6	.9	224.9
02:45	100	.2	349.6	.1	22.4	.2	225.4	.9	232.1
03:00	100	.2	354.1	.3	83.0	.2	219.5	.8	223.6
03:15	100	.2	331.5	.5	83.0	.2	181.9	.6	203.5
03:30	100	.3	327.1	.6	38.3	.2	71.5	.3	175.4
03:45	100	.3	350.9	.8	46.9	.2	6.2	.3	65.2
04:00	100	.4	339.4	.7	71.6	.1	335.1	.3	34.3
04:15	100	.6	339.2	1.1	70.8	.2	57.2	.4	88.9
04:30	100	.8	344.0	1.1	65.9	.4	124.0	1.1	143.0
04:45	100	.5	312.9	1.0	73.1	.2	11.9	.7	133.3
05:00	100	.4	266.5	.7	83.3	1.2	49.3	1.6	72.5
05:15	100	.2	305.4	.4	61.7	1.0	85.3	2.2	97.6
05:30	100	.1	20.7	.4	34.8	.4	62.2	.9	66.6
05:45	100	.2	279.8	.2	11.6	.5	57.7	.6	17.7
06:00	100	.2	219.5	.9	74.0	.9	66.3	.6	4.2
06:15	100	.2	279.8	1.5	70.9	1.0	52.8	1.2	10.9
06:30	100	.3	330.0	1.4	73.8	1.4	46.7	1.6	31.4
06:45	100	.5	49.5	2.1	70.6	3.1	60.9	4.6	55.9
07:00	100	1.3	19.8	2.6	61.4	4.4	52.9	6.9	51.5
07:15	100	.7	29.0	1.9	65.1	3.3	42.1	5.9	52.5
07:30	100	.1	39.0	1.8	79.6	2.1	78.0	5.0	76.5
07:45	100	.1	141.1	1.7	77.5	1.8	59.3	4.2	64.2
08:00	100	.4	98.2	1.8	73.2	2.6	42.3	5.6	43.9
08:15	100	.9	69.6	2.5	65.0	4.3	47.3	7.2	45.9
08:30	100	2.2	56.0	3.4	61.9	6.3	55.2	9.1	52.9
08:45	100	2.8	64.6	3.9	63.8	6.1	56.1	8.6	57.2
09:00	100	1.3	70.5	3.5	58.2	5.0	58.3	7.8	59.3
09:15	100	2.3	175.9	2.4	65.0	3.3	64.8	7.5	68.4
09:30	100	2.0	180.6	1.4	77.3	1.7	73.3	4.7	80.9
09:45	100	1.0	157.8	1.1	80.0	1.4	82.0	2.3	77.4
10:00	100	.2	139.4	1.0	81.8	.9	66.2	1.1	64.3
10:15	100	.5	194.8	1.0	75.3	1.0	67.2	1.4	70.5
10:30	100	.5	177.3	1.0	81.6	1.3	67.1	2.1	70.4
10:45	100	.5	172.4	.9	87.9	1.5	56.6	2.3	59.3
11:00	100	.2	184.5	1.2	90.5	1.8	51.8	3.7	51.9
11:15	100	.1	120.9	1.1	96.9	1.7	50.8	4.3	52.9
11:30	100	.1	32.4	.6	93.6	1.0	39.3	2.3	40.7
11:45	100	.5	350.9	.5	97.1	.8	33.1	1.7	34.1
12:00	100	.6	347.9	.4	80.7	.8	16.8	1.3	17.0
12:15	100	.3	356.5	.6	24.2	1.1	30.9	1.9	38.9



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	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	1.8	229.0	1.5	270.4	6.7	261.6	9.3	261.2	
00:15	2.0	239.9	3.5	257.5	7.6	263.0	8.1	259.6	
00:30	2.3	244.4	3.8	254.1	8.2	264.1	7.5	265.5	
00:45	1.4	237.9	.8	221.9	6.3	265.0			
01:00	.3	216.7	.7	282.2	6.3	267.0			
01:15	.5	238.3	1.0	257.5	6.3	269.0			
01:30	.9	264.0	2.9	256.1	6.7	269.2			
01:45	.8	272.5	3.6	269.4	7.0	272.0			
02:00	1.3	271.9	1.5	293.1	.5	38.4			
02:15	1.3	271.1	1.0	312.3	1.1	338.6			
02:30	.9	268.2	.6	314.5	1.1	342.5			
02:45	.7	260.5	.4	316.4	1.1	24.6			
03:00	.6	250.8	.2	15.2	.9	82.5			
03:15	.6	230.7	.1	282.5					
03:30	.8	234.2	.2	263.1					
03:45	.6	254.7	.3	55.2					
04:00	.3	232.0	.0	29.7	1.8	189.9			
04:15	.2	220.6	.7	226.5					
04:30	.1	114.9	1.0	200.0					
04:45	.1	145.6	.9	309.2					
05:00	.5	43.0	.2	351.3					
05:15	.4	42.9							
05:30	.5	169.7							
05:45	.9	50.0							
06:00	.6	24.5							
06:15	.5	347.6							
06:30	1.5	335.2	.2	254.2					
06:45	5.0	15.0							
07:00	9.2	50.2							
07:15	8.7	50.0	8.9	47.4					
07:30	8.1	72.1	9.9	58.7					
07:45	8.8	74.2	11.7	61.7					
08:00	8.7	55.1	12.5	54.9					
08:15	9.3	49.3	12.9	49.7					
08:30	10.7	49.3	13.0	47.9	13.0	51.0			
08:45	10.9	51.5	12.5	47.7	11.4	60.3			
09:00	10.1	52.4	12.6	51.1	11.3	54.5			
09:15	9.5	58.1	11.2	50.7	11.2	59.0			
09:30	5.3	77.0	5.0	42.0	11.0	63.0			
09:45	1.7	70.2	.9	34.0	10.9	67.0			
10:00	.9	67.7	.7	35.4	10.8	71.0			
10:15	1.2	82.5	1.2	77.9	10.7	75.0			
10:30	2.0	82.1	1.3	88.5	10.6	79.0			
10:45	2.8	75.0	3.4	87.1	10.5	83.0			
11:00	4.5	73.9	7.4	82.0	10.4	86.0	12.5	87.4	
11:15	4.5	68.5	6.1	75.2	10.2	82.5	11.0	89.0	
11:30	2.6	51.3	1.7	32.7	9.4	81.8	9.7	90.6	
11:45	2.2	51.9	1.8	34.0	8.4	84.1	9.4	88.6	
12:00	1.9	47.9	1.8	28.2	10.5	86.0	10.0	86.0	
12:15	1.5	45.1	1.1	20.1	13.0	87.7	11.0	84.0	



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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							
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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	85.6						
14:00	86.3						
14:15							
14:30							
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15:00							
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23:00							
23:15							
23:30							
23:45							
Avg	86.0						
Max	86.3						
Hr. of Max	56						
Min	85.6						
Count	2	0	0	0	0	0	0
Total							