

## Daily Summary Report

Site: ORNL Sodar

12/17/2017

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	.2	84.8	.3	260.5	.5	249.4	1.1	254.6
00:15	100	.3	104.1	.2	283.6	.6	248.8	1.2	255.2
00:30	100	.2	148.7	.2	279.3	.8	256.7	1.3	259.1
00:45	100	.4	111.2	.2	259.1	.9	256.6	1.4	259.3
01:00	100	.3	138.1	.2	242.9	1.0	252.5	1.6	252.9
01:15	100	.3	175.6	.4	230.0	1.0	252.3	1.5	250.5
01:30	100	.3	127.0	.9	183.9	.6	247.2	1.1	249.5
01:45	100	.3	80.6	.8	185.9	.4	239.4	.8	246.1
02:00	100	.5	71.8	.2	216.4	.3	249.5	1.0	250.4
02:15	100	.6	66.4	.2	160.3	.4	258.8	1.3	251.3
02:30	100	.6	74.7	.2	67.7	.3	285.7	1.1	256.1
02:45	100	1.1	71.7	.5	28.7	.5	342.1	.8	283.4
03:00	100	1.8	69.0	1.1	57.0	.7	21.7	.4	320.9
03:15	100	1.1	70.8	1.5	84.7	.5	57.6	.2	345.2
03:30	100	.4	83.4	1.1	108.4	.3	92.4	.2	233.9
03:45	100	.4	74.9	.9	102.4	.4	87.2	.2	236.6
04:00	100	.5	69.0	.9	97.9	.5	71.8	.2	21.4
04:15	100	.7	70.0	.7	98.5	.6	58.8	.2	33.7
04:30	100	.9	82.2	.6	94.2	.4	43.3	.1	43.6
04:45	100	.9	79.3	.7	100.9	.3	63.3	.1	95.0
05:00	100	.9	74.2	.9	98.8	.5	80.0	.2	50.5
05:15	100	1.1	77.4	1.1	86.6	1.0	79.6	.4	33.4
05:30	100	2.2	79.0	2.1	76.2	2.3	83.8	1.5	73.3
05:45	100	2.8	81.1	3.1	75.1	3.6	86.3	3.0	82.5
06:00	100	2.5	79.0	2.9	73.4	4.3	83.3	3.8	85.9
06:15	100	2.1	78.1	2.5	66.0	4.0	81.4	3.6	88.8
06:30	100	1.4	75.5	1.9	56.6	3.3	75.0	3.0	85.4
06:45	100	1.8	73.3	2.1	58.0	3.7	65.2	4.0	77.3
07:00	100	2.3	75.2	2.5	62.4	4.1	65.0	4.8	77.6
07:15	100	2.2	80.5	2.5	66.5	3.8	67.3	5.2	79.3
07:30	100	2.4	81.6	4.0	76.8	3.7	70.8	5.8	80.1
07:45	100	2.0	78.6	2.9	75.0	3.3	69.9	5.5	78.8
08:00	100	1.4	76.1	1.6	46.7	2.8	54.6	4.2	71.4
08:15	100	.3	31.9	1.0	24.9	2.1	34.5	2.9	55.7
08:30	100	.4	312.4	1.0	5.7	2.1	20.3	2.5	37.9
08:45	100	.4	29.4	1.7	355.9	2.7	17.0	2.7	36.0
09:00	100	.6	38.1	2.1	357.3	3.0	20.2	3.0	40.7
09:15	100	1.1	68.7	1.9	27.9	3.0	37.2	3.5	57.3
09:30	100	.8	53.0	1.5	67.6	2.3	69.6	3.5	77.0
09:45	100	.5	41.3	1.0	91.1	1.8	84.1	3.0	85.4
10:00	100	1.5	74.3	1.2	100.2	1.7	88.9	3.3	92.4
10:15	100	1.8	76.6	1.5	86.8	1.9	87.5	3.5	92.3
10:30	100	1.1	71.9	1.1	73.5	1.5	84.3	2.9	90.2
10:45	100	.6	71.8	.9	84.4	1.8	86.8	2.9	93.4
11:00	100	.7	81.7	1.1	84.9	2.0	98.0	2.9	101.8
11:15	100	.7	92.7	.3	90.9	1.6	114.4	2.4	108.1
11:30	100	.3	110.8	.0	72.7	.9	112.0	1.7	106.0
11:45	100	.2	120.3	.2	350.4	.2	127.8	.7	107.7
12:00	100	.3	98.6	.3	.9	.2	157.6	.2	49.1
12:15	100	.2	85.0	.4	6.1	.2	71.5	.3	55.1



## Daily Summary Report

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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	3.1	249.9	5.6	245.8	5.3	257.1	2.2	267.0	.9
00:15	2.7	249.4	5.1	243.2	6.6	252.0	2.0	248.6	.7
00:30	2.2	247.2	3.8	245.3	2.8	230.0	1.3	200.0	3.5
00:45	2.0	250.1	3.3	254.7	1.4	264.6	2.0	260.0	1.9
01:00	2.0	259.4	3.3	252.6	2.9	240.7	3.5	276.9	1.2
01:15	2.1	258.0	3.8	247.1	3.6	244.3	1.5	333.4	1.7
01:30	2.1	246.8	4.3	238.7	7.2	232.9	1.6	335.0	
01:45	1.9	242.0	4.0	230.4	7.7	228.9	1.7	338.0	
02:00	2.1	242.1	4.4	234.5	7.1	229.5	1.7	340.0	
02:15	2.5	241.5	4.9	238.5	5.8	253.8	1.8	343.0	
02:30	2.4	242.6	4.7	233.6	5.4	230.5	1.8	345.0	
02:45	2.1	244.8	4.3	229.3	4.8	229.5	1.9	348.0	
03:00	1.4	240.9	3.5	227.2	2.8	258.1	2.0	350.0	
03:15	.7	235.8	2.5	224.9	2.6	234.8	2.2	353.0	
03:30	.8	231.9	2.4	223.9	3.5	229.1	2.4	357.1	
03:45	.8	225.5	2.4	223.9	3.4	237.6	2.3	355.0	
04:00	.3	275.5	1.2	244.5	2.6	280.7	1.9	271.1	
04:15	.3	357.8	.7	303.6	2.7	284.1	1.9	300.0	
04:30	.2	117.3	.3	330.7	2.2	256.6	2.6	2.3	3.8
04:45	.1	114.9	.2	224.0	1.8	240.6	2.0	20.3	2.7
05:00	.1	25.1	.2	252.6	1.5	276.5	3.2	345.0	
05:15	.1	325.6	.3	348.6	1.6	311.6	5.0	350.0	
05:30	.2	3.6	.6	6.6	1.4	342.0	4.4	308.3	
05:45	.9	63.3	.9	29.5	.3	328.4	3.0	270.0	
06:00	2.2	87.8	1.4	87.4	1.3	161.7	2.0	245.0	
06:15	1.7	94.0	.9	114.6	.6	100.6	.9	220.0	
06:30	1.1	80.8	.5	115.3	1.0	16.6	1.5	142.7	
06:45	2.5	80.5	2.3	75.2	2.1	66.0	2.1	86.5	
07:00	4.5	80.9	3.5	70.9	3.1	71.0	2.3	89.2	
07:15	5.1	81.0	3.1	67.5	2.6	71.6	1.5	79.7	2.9
07:30	4.7	85.8	2.8	66.2	2.5	66.6	1.5	89.7	1.2
07:45	3.8	88.4	2.5	71.2	2.5	64.1	1.9	119.4	
08:00	3.8	86.4	2.8	87.0	2.2	86.0	2.1	148.4	1.3
08:15	3.3	73.1	1.8	76.3	1.8	70.3	1.3	149.9	1.3
08:30	2.8	52.7	2.0	18.9	1.7	12.0	1.4	334.8	2.2
08:45	2.9	57.2	1.3	46.7	.9	280.0	.8	318.0	1.8
09:00	2.9	72.3	1.0	83.2	.3	275.9	1.0	282.9	3.1
09:15	2.8	71.7	1.1	63.3	.3	331.8	2.3	275.8	4.3
09:30	2.5	69.5	1.6	65.0	.2	335.0	2.7	271.6	3.9
09:45	2.5	82.5	1.1	74.9	.1	339.7	3.0	288.9	4.0
10:00	2.9	96.8	1.5	90.0	.9	192.7	3.0	297.2	3.1
10:15	4.0	101.1	2.5	90.5	.7	186.1	2.0	275.0	3.5
10:30	4.7	100.7	3.5	101.0	1.2	96.6	1.4	247.7	2.5
10:45	5.2	98.8	4.4	103.1	2.5	108.0			
11:00	5.0	103.5	6.1	118.9	2.8	132.0			
11:15	4.0	116.7	5.8	122.1					
11:30	3.1	118.1	5.2	119.7					
11:45	2.1	118.5	4.3	122.9					
12:00	1.2	119.2	3.3	130.7					
12:15	1.0	79.5	2.5	130.4					



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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	49.8						
00:15	242.8						
00:30	252.5						
00:45	257.0						
01:00	20.9						
01:15	44.5						
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	15.5						
04:45	6.7						
05:00							
05:15							
05:30							
05:45							
06:00							
06:15							
06:30							
06:45							
07:00							
07:15	104.9						
07:30	73.3						
07:45							
08:00	218.8						
08:15	238.5	1.1	297.9				
08:30	306.4	2.0	320.0				
08:45	296.3	2.2	345.3				
09:00	276.9	3.0	330.0				
09:15	266.5	4.0	300.0				
09:30	270.5	5.3	273.1				
09:45	284.8	6.0	278.0				
10:00	271.0	6.7	283.7				
10:15	260.0	4.8	268.0	5.3	273.8		
10:30	254.0	3.4	262.0	4.3	274.2	5.2	268.8
10:45				4.0	275.0		
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	208.2						
15:30	207.0						
15:45	208.4						
16:00	205.0						
16:15	201.1						
16:30	209.7	14.4	216.0				
16:45	213.3	13.7	213.9	14.7	216.9		
17:00	210.9	13.4	209.9	17.0	213.8	17.9	222.9
17:15	206.0	13.4	210.4	17.6	216.1	18.0	224.0
17:30	207.4	14.8	211.6	19.0	220.2	18.1	225.0
17:45	210.5	16.3	211.9	19.0	223.0	18.2	226.0
18:00	213.2	16.0	216.0	18.0	227.0	18.3	227.0
18:15	216.1	15.4	221.3	17.9	231.8	18.4	228.0
18:30	211.4	17.5	222.7	18.3	229.0	18.5	229.0
18:45	213.1	17.0	223.0	18.7	227.1	18.6	230.0
19:00	216.0	13.9	221.4	18.7	224.1	18.7	230.7
19:15	217.3	14.7	218.6	16.0	227.3	18.4	235.9
19:30	217.9	16.1	219.5	16.9	230.5	19.4	234.7
19:45	220.7	15.5	224.1	18.1	230.0	19.0	236.0
20:00	219.9	15.5	227.9	16.3	229.9	18.6	237.4
20:15	219.4	15.2	227.2	16.6	230.4		
20:30	217.3	15.8	222.8				
20:45	217.0	14.0	225.0				
21:00	217.0	13.0	228.0				
21:15	217.0	12.5	231.0				
21:30	218.0	12.0	234.0				
21:45	218.0	11.5	237.0				
22:00	218.9	11.0	240.0				
22:15	228.0	10.5	243.0				
22:30	224.9	10.0	247.0				
22:45	232.8	9.8	250.3				
23:00	238.6	9.6	249.4				
23:15	234.7	9.1	245.3				
23:30	242.1	7.9	254.4				
23:45	251.7	7.7	259.3				
Avg	207.9	10.9	245.5	15.4	233.3	17.5	232.5
Max	306.4	17.5	345.3	19.0	275.0	19.4	268.8
Hr. of Max	34	74	35	71	43	78	42
Min	6.7	1.1	209.9	4.0	213.8	5.2	222.9
Count	56	40	40	18	18	14	14
Total							