

## Daily Summary Report

Site: ORNL Sodar

12/4/2017

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	1.3	66.3	1.8	70.5	3.2	86.6	5.0	92.3
00:15	100	1.1	64.0	1.2	63.0	2.4	80.7	3.4	91.1
00:30	100	.8	70.2	1.0	51.3	1.6	74.7	1.9	94.3
00:45	100	.6	79.1	1.4	52.8	1.4	70.7	1.3	93.1
01:00	100	.9	76.5	1.9	45.4	1.7	69.4	1.8	88.2
01:15	100	.9	75.7	1.9	45.7	1.6	66.1	2.3	88.1
01:30	100	.7	79.7	1.6	55.2	1.4	68.1	2.3	90.5
01:45	100	.4	82.5	1.4	57.6	1.2	73.7	2.1	91.7
02:00	100	.4	94.0	1.1	60.8	1.1	70.4	1.7	90.1
02:15	100	.1	37.9	1.0	73.5	1.0	70.4	1.7	92.4
02:30	100	.2	80.1	.8	78.1	.9	76.2	1.6	100.6
02:45	100	.8	96.2	.5	59.6	.6	75.6	1.1	108.5
03:00	100	.6	101.6	.3	46.7	.5	72.9	.9	113.2
03:15	100	.6	100.4	.2	29.0	.6	83.9	1.1	132.3
03:30	100	.5	103.2	.4	46.3	.8	96.2	1.5	143.8
03:45	100	.3	89.0	.5	44.6	1.0	102.4	1.6	151.2
04:00	100	.6	59.6	.7	41.8	1.2	102.3	2.1	158.1
04:15	100	1.3	57.5	.9	52.9	1.5	94.4	2.2	154.8
04:30	100	1.4	52.4	.9	56.7	1.3	85.7	1.7	155.1
04:45	100	.8	44.8	.9	38.3	1.0	67.6	1.3	165.2
05:00	100	.6	76.2	1.1	42.2	1.0	66.6	1.1	172.5
05:15	100	.8	91.0	1.0	63.7	.6	77.2	1.1	188.4
05:30	100	.5	83.5	.8	75.6	.3	90.9	1.2	204.4
05:45	100	.1	81.4	.6	75.8	.3	202.4	1.8	211.7
06:00	100	.2	117.9	.7	81.2	.4	202.5	2.0	212.7
06:15	100	.5	92.3	1.2	77.8	.2	137.9	1.6	211.7
06:30	100	.6	83.0	1.5	79.8	.4	130.8	1.7	205.5
06:45	100	.4	96.0	1.5	89.8	.7	163.6	1.9	202.1
07:00	100	.5	97.4	1.5	101.5	.8	166.7	1.8	200.7
07:15	100	.8	78.6	1.5	114.3	.9	150.9	1.6	191.2
07:30	100	.9	73.9	.9	123.2	1.4	170.5	1.8	187.5
07:45	100	.8	74.9	.6	114.1	1.6	181.7	1.6	194.9
08:00	100	.8	64.1	1.0	119.7	1.6	179.9	2.5	195.3
08:15	100	.5	78.0	.8	133.4	2.1	180.1	2.9	194.0
08:30	100	.7	84.0	.3	156.4	2.3	190.0	2.6	203.7
08:45	100	.6	76.3	.3	185.6	2.0	196.7	1.9	215.4
09:00	100	.5	85.2	.2	160.6	1.2	186.5	.7	226.3
09:15	100	.4	66.9	.3	168.0	.9	176.8	.6	223.1
09:30	100	.4	29.9	.5	183.2	.8	183.4	.7	232.5
09:45	100	.4	20.7	.5	201.2	.9	193.9	.9	229.4
10:00	100	.2	20.5	.7	232.4	.9	206.6	.7	223.0
10:15	100	.3	268.5	1.2	243.4	1.4	240.6	1.3	242.6
10:30	100	.8	259.5	2.1	238.9	2.7	250.3	3.4	253.7
10:45	100	1.1	256.6	2.4	241.8	3.0	248.7	3.8	249.1
11:00	100	1.7	253.4	3.0	235.9	3.5	242.6	3.7	233.4
11:15	100	1.6	237.6	3.2	228.9	3.4	235.4	3.4	228.4
11:30	100	1.2	225.4	2.3	245.2	2.5	235.0	2.5	226.3
11:45	100	1.1	239.6	1.9	244.4	2.4	234.4	2.6	231.7
12:00	100	.9	252.9	1.5	238.5	1.8	233.7	2.3	246.0
12:15	100	.9	254.8	1.7	250.8	1.7	235.9	1.7	241.0



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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	3.4	91.3	.6	80.4	.7	178.0	1.2	111.2	
00:15	1.2	92.2	.2	8.0	.4	196.0	1.1	123.0	
00:30	.9	95.8	.6	268.9	.6	173.0	1.1	136.0	5.6
00:45	.9	100.3	.6	269.1	.7	188.0	.6	118.0	4.2
01:00	1.1	95.7	.3	34.5	.1	224.7	.6	36.5	1.2
01:15	1.0	96.1	.4	47.7	.2	107.2	.6	73.9	1.0
01:30	.9	102.4	.5	105.4	1.2	103.7	.9	134.2	1.2
01:45	.6	108.8	.4	134.3	1.6	128.8	1.3	170.7	.7
02:00	.4	93.9	.2	95.9	1.9	150.2	1.9	170.3	.7
02:15	1.2	107.5	2.3	115.3	3.0	153.8	4.3	170.3	.9
02:30	1.4	120.6	2.5	124.6	3.4	162.5	4.3	172.3	.9
02:45	.8	147.6	1.1	144.2	3.2	170.0	1.7	187.4	1.5
03:00	1.1	174.3	1.6	170.9	4.6	172.1	4.3	191.8	2.7
03:15	2.2	172.8	2.7	174.6	5.2	176.0	5.3	190.1	6.3
03:30	2.9	167.9	3.5	185.1	3.8	186.0	4.2	189.4	6.2
03:45	2.8	172.6	3.6	192.5	4.4	189.6	3.2	183.8	4.3
04:00	3.5	181.1	4.4	181.9	5.0	177.0	4.2	178.3	3.2
04:15	4.3	183.9	4.3	177.2	3.4	168.1	4.1	175.5	1.5
04:30	3.8	186.1	1.6	177.3	1.8	174.0	2.8	183.0	1.7
04:45	3.4	188.0	.9	200.1	1.0	167.6	1.3	207.7	2.2
05:00	3.7	193.0	3.6	190.3	4.8	175.7	1.4	185.4	2.1
05:15	3.4	198.9	2.6	200.1	4.6	176.5	.9	156.4	1.9
05:30	2.8	207.0	1.5	216.1	2.4	185.7	1.6	159.2	2.3
05:45	2.6	217.6	1.2	225.4	2.5	220.9	2.4	161.3	
06:00	2.8	217.5	1.0	236.5	3.0	218.0	5.1	174.4	
06:15	2.6	211.4	1.7	214.6	2.0	217.0	5.2	174.6	
06:30	1.3	204.1	2.1	236.9	1.5	216.0	5.3	174.8	
06:45	.6	216.8	1.1	219.6	.9	215.7	5.4	175.0	
07:00	.5	192.5	1.2	215.0	1.3	200.0	5.5	175.2	
07:15	1.0	188.7	2.0	233.3	1.8	179.2	5.6	175.4	
07:30	1.5	196.6	2.2	220.9	3.0	185.0	5.7	175.6	
07:45	1.5	213.1	2.5	231.7	5.3	193.0	5.8	175.8	
08:00	1.2	234.2	3.0	243.8	6.0	200.0	5.9	176.0	
08:15	1.4	204.1	2.0	217.5	6.8	206.0	6.0	176.2	
08:30	1.7	204.8	3.5	212.0	7.5	212.0	6.1	176.4	
08:45	1.6	223.5	4.5	223.9	8.3	219.2	6.2	176.6	
09:00	1.8	218.1	4.4	224.2	9.9	223.1	6.3	176.8	
09:15	2.3	226.9	4.7	227.5	9.1	216.3	6.4	177.0	
09:30	2.1	237.5	5.1	229.9	7.6	209.6	6.5	177.2	
09:45	2.0	235.1	4.9	227.5	7.4	211.6	6.6	177.4	
10:00	2.0	235.8	5.0	227.5	6.9	207.9	6.7	177.6	
10:15	2.4	236.4	5.2	230.6	6.8	207.9	7.0	181.1	8.4
10:30	4.6	246.3	5.9	233.8	6.8	209.9	7.5	195.7	9.7
10:45	4.9	242.9	6.4	232.8	6.4	205.9	8.0	193.9	9.7
11:00	4.6	230.5	5.8	223.1	6.3	199.3	8.1	182.2	9.6
11:15	3.9	226.5	4.6	215.8	6.1	193.0	8.2	176.5	9.8
11:30	3.3	212.9	4.0	209.0	5.9	190.7	8.0	178.8	9.6
11:45	3.5	215.6	4.7	202.9	6.2	194.5	7.7	184.5	8.9
12:00	2.2	240.0	3.5	213.3	6.4	198.5	8.0	190.1	8.5
12:15	1.4	253.8	2.1	222.9	7.0	193.7	8.9	193.4	8.8



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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							
00:30	110.3						
00:45	103.9	3.7	92.8				
01:00	102.1						
01:15	113.3						
01:30	82.8						
01:45	115.9						
02:00	154.0						
02:15	133.9						
02:30	179.1						
02:45	231.7						
03:00	214.5						
03:15	195.9						
03:30	199.3						
03:45	193.0	4.3	251.1				
04:00	182.4						
04:15	199.2						
04:30	205.8						
04:45	220.4						
05:00	227.0						
05:15	235.9						
05:30	178.0						
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	161.0						
10:30	166.7						
10:45	170.0						
11:00	173.5						
11:15	170.8						
11:30	169.4						
11:45	174.0						
12:00	179.6						
12:15	189.7						

	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	211.8	11.9	220.8				
12:45	210.5	9.5	208.9	10.6	201.4		
13:00	194.5	9.5	198.4	10.8	202.2	10.7	206.6
13:15	196.9	12.0	210.1	12.7	207.4	12.6	209.6
13:30	206.4	12.5	209.0	14.6	213.5	16.4	210.0
13:45	209.8	12.0	214.0	14.4	218.6		
14:00	215.1						
14:15	214.9						
14:30	214.6						
14:45	214.4						
15:00	214.1						
15:15	213.9						
15:30	213.6						
15:45	213.4						
16:00	213.1						
16:15	212.9						
16:30	212.6						
16:45	212.4						
17:00	212.1						
17:15	211.9						
17:30	211.6						
17:45	211.4						
18:00	211.1						
18:15	210.9						
18:30	210.6						
18:45	210.4						
19:00	210.1						
19:15	209.9						
19:30	209.6						
19:45	209.4						
20:00	209.1						
20:15	208.9						
20:30	208.6						
20:45	208.4						
21:00	203.5						
21:15	202.0						
21:30	202.0						
21:45	201.0						
22:00	200.0						
22:15	199.0						
22:30	198.8						
22:45	199.7						
23:00	195.5						
23:15	202.0	15.1	202.6				
23:30	208.6	15.0	203.0				
23:45	208.0	15.0	203.0				
Avg	193.6	11.0	201.2	12.6	208.6	13.2	208.7
Max	235.9	15.1	251.1	14.6	218.6	16.4	210.0
Hr. of Max	21	93	15	54	55	54	54
Min	82.8	3.7	92.8	10.6	201.4	10.7	206.6
Count	76	11	11	5	5	3	3
Total							