

## Daily Summary Report

Site: ORNL Sodar

2/1/2019

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	.3	122.2	1.6	46.5	1.4	76.4	1.1	149.5	3.7
00:15	.1	99.8	2.0	55.5	1.3	76.6	1.0	148.3	3.0
00:30	.2	188.3	1.6	70.8	1.4	88.4	1.2	141.2	2.7
00:45	.2	95.7	2.0	93.1	1.7	108.9	2.0	154.1	3.7
01:00	.7	75.3	2.2	89.5	2.0	116.5	2.2	160.3	4.4
01:15	.5	70.2	1.2	74.5	1.4	105.8	1.4	165.2	3.6
01:30	.4	311.2	1.0	47.1	1.2	76.9	.9	171.5	2.8
01:45	.4	303.9	1.0	54.0	1.3	79.4	1.1	169.6	2.8
02:00	.3	39.2	.8	65.9	.8	84.0	1.1	179.9	2.5
02:15	.6	78.2	1.0	74.6	.8	80.0	.9	176.5	2.1
02:30	.7	76.8	1.8	75.6	1.0	81.8	.7	165.6	2.7
02:45	.5	63.7	1.8	72.3	1.0	83.8	.7	170.0	3.1
03:00	.3	331.3	1.3	66.8	.9	80.7	.6	184.0	3.0
03:15	.3	287.1	1.0	58.8	.6	56.8	.5	248.6	2.9
03:30	.3	125.8	.9	63.4	.2	27.7	1.1	247.6	3.3
03:45	.8	109.0	.5	80.5	.6	241.0	1.9	237.8	3.8
04:00	.9	86.6	.3	158.8	1.2	233.8	2.2	234.0	4.1
04:15	.8	56.0	.2	187.0	1.2	238.1	2.5	236.2	3.9
04:30	.2	103.8	.1	220.3	1.1	245.1	2.7	240.7	3.9
04:45	.3	235.1	.5	290.1	1.6	264.3	3.2	253.4	4.3
05:00	.2	343.2	1.1	280.2	2.1	262.7	3.8	255.9	5.4
05:15	.1	355.2	1.2	273.8	2.2	254.2	3.8	246.4	6.0
05:30	.1	221.2	.7	261.9	2.1	248.3	3.2	240.8	5.1
05:45	.7	109.8	.2	249.7	1.3	244.6	2.1	245.3	3.2
06:00	.6	100.7	.1	274.9	.6	243.0	1.5	253.7	2.8
06:15	.6	118.9	.1	217.5	.7	238.9	1.7	246.2	3.3
06:30	.7	130.9	.0	162.4	.9	252.7	1.7	248.8	3.0
06:45	.8	120.1	.2	311.1	.7	264.6	1.6	254.3	3.0
07:00	1.1	109.7	.4	254.7	1.1	250.2	2.6	242.2	4.3
07:15	1.1	123.8	.5	196.2	1.5	226.4	3.1	227.5	5.2
07:30	1.1	156.0	.5	218.3	1.8	219.0	3.4	223.9	5.3
07:45	1.1	199.2	.9	254.7	2.0	226.6	3.4	230.4	5.3
08:00	1.0	207.3	.9	259.7	1.9	234.5	3.2	233.9	5.2
08:15	.9	173.0	.8	252.8	2.1	241.5	3.3	231.8	5.4
08:30	.9	200.6	1.1	271.0	2.2	246.1	3.5	236.0	5.7
08:45	1.1	230.2	1.3	273.8	2.0	252.1	3.4	245.1	5.0
09:00	.8	220.3	1.0	270.2	1.7	264.1	3.0	254.2	4.3
09:15	.4	265.3	1.3	280.9	2.2	269.9	3.5	258.4	4.8
09:30	.7	278.0	1.6	280.0	2.5	265.4	3.9	252.2	5.3
09:45	.5	281.1	1.9	277.0	2.4	255.9	3.6	247.4	4.8
10:00	.7	256.7	2.0	272.7	2.4	245.3	3.7	240.4	5.3
10:15	.8	256.1	1.8	275.5	2.2	254.2	3.4	245.6	4.9
10:30	1.8	256.1	2.0	280.1	2.6	271.1	3.7	261.9	4.0
10:45	.8	276.4	1.9	281.3	2.6	274.4	3.8	267.0	4.7
11:00	.7	283.4	1.5	288.9	2.6	276.5	3.5	271.7	4.5
11:15	.7	294.7	1.2	282.7	2.5	274.0	3.5	269.4	4.2
11:30	.7	294.7	1.5	268.2	2.2	262.6	3.2	258.0	4.4
11:45	.5	274.5	1.8	263.4	2.3	240.2	3.7	236.3	5.8
12:00	.3	204.0	1.1	233.7	2.4	218.7	4.0	222.5	6.8
12:15	.4	157.3	1.2	216.4	2.4	217.0	3.5	225.8	6.0
12:30	.4	191.4	1.2	209.5	2.1	216.7	2.9	231.1	5.0



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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	187.0	5.9	194.1	9.1	201.2				
00:15	187.7	5.5	194.7	8.2	197.8				
00:30	189.7	5.5	195.7	7.8	194.5				
00:45	188.6	6.7	194.4	9.3	198.3				
01:00	187.6	7.2	193.1	10.0	194.6				
01:15	192.9	6.0	193.4	9.6	193.5				
01:30	205.9	4.9	203.3	9.0	202.1				
01:45	208.4	5.6	207.3	9.0	207.0				
02:00	210.1	5.5	207.7	7.4	212.6				
02:15	211.9	4.3	207.2	7.2	204.2	10.8	215.1		
02:30	209.7	2.8	198.5	7.4	197.9	10.0	216.0		
02:45	212.0	3.7	200.8	7.0	202.0	9.5	218.0		
03:00	219.6	4.5	212.1	7.0	207.0	9.0	219.0		
03:15	229.6	4.5	219.6	6.5	212.0	8.5	221.0		
03:30	230.3	5.5	224.3	6.3	217.0	8.1	222.0		
03:45	228.7	5.3	230.4	6.5	215.0	8.5	213.3	12.4	215.2
04:00	228.5	4.2	229.3	7.4	210.2	9.9	209.4	12.8	213.8
04:15	234.5	4.6	227.0	7.5	211.2	10.2	209.1	13.6	208.5
04:30	234.5	5.2	231.7	7.3	210.7	10.6	208.4	14.9	207.1
04:45	243.4	5.8	245.5	6.9	217.2	10.9	210.1	15.4	210.6
05:00	248.2	7.1	250.8	7.9	229.1	11.1	215.3	14.4	216.6
05:15	243.6	7.6	245.5	10.5	231.4	12.4	216.5	14.3	218.0
05:30	241.8	7.0	241.4	11.6	228.6	13.2	220.0	14.3	220.0
05:45	245.7	5.5	247.7	10.0	234.1	13.5	221.4	14.3	222.0
06:00	252.7	5.2	250.2	10.2	233.2	12.8	220.2	14.2	224.0
06:15	244.2	5.7	238.6	11.0	226.8	13.0	217.0	14.1	227.4
06:30	245.1	4.9	241.3	10.2	227.6	13.8	219.5	14.0	228.0
06:45	249.4	5.2	249.1	11.0	232.3	13.1	224.3	13.8	228.0
07:00	236.2	7.8	231.4	12.3	223.8	14.0	218.0	13.6	228.0
07:15	228.5	8.6	225.6	12.3	220.4	14.3	213.0	13.3	228.3
07:30	225.2	8.3	229.0	13.4	224.0	14.0	216.0	15.1	222.4
07:45	228.8	8.3	233.5	14.0	223.2	11.2	223.1	14.8	219.0
08:00	231.8	8.7	231.2	13.8	220.7	11.7	211.9	14.0	220.0
08:15	231.3	8.5	230.4	13.5	220.0	12.0	214.0	13.0	220.0
08:30	234.6	8.0	228.8	13.9	227.3	13.3	225.0	12.7	221.2
08:45	238.0	7.8	231.7	13.4	226.4	13.8	226.0	13.4	222.7
09:00	242.1	6.8	238.6	12.7	225.9	12.7	222.8	13.6	219.3
09:15	246.1	6.9	238.9	12.4	224.1	14.4	215.7	14.1	218.1
09:30	246.0	6.9	232.1	12.2	222.7	13.5	213.5	14.0	219.5
09:45	244.6	7.1	227.1	11.6	220.0	12.9	217.2	13.9	218.0
10:00	237.9	7.4	223.0	10.3	209.0	12.8	220.4	13.8	218.7
10:15	241.3	6.7	229.4	9.9	210.0	11.6	220.1	13.3	215.0
10:30	262.7	5.8	253.4	9.5	219.3	11.1	220.7		
10:45	267.1	5.3	262.3	9.0	219.3	11.3	216.0		
11:00	266.5	5.3	263.5	8.8	221.6	11.0	218.0		
11:15	263.1	5.5	262.9	8.2	232.9	10.5	219.0		
11:30	249.4	5.8	255.2	6.5	271.4	10.0	220.0		
11:45	233.3	6.7	238.7	6.3	265.0	9.5	221.0		
12:00	224.5	8.3	225.2	6.3	260.0	9.0	222.0		
12:15	226.1	7.0	232.1	6.0	255.0	8.5	223.0		
12:30	229.6	5.8	236.6	6.0	250.0	8.0	225.0		



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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						
02:30						
02:45						
03:00						
03:15						
03:30						
03:45						
04:00						
04:15						
04:30						
04:45						
05:00	17.9	215.4				
05:15	17.0	216.0				
05:30	16.5	217.0				
05:45	16.0	218.0				
06:00	15.5	219.0				
06:15	15.0	220.0				
06:30	14.5	221.0				
06:45	14.0	221.0				
07:00	13.5	222.0				
07:15	13.0	223.0				
07:30	12.5	225.2				
07:45	13.0	225.0				
08:00	14.0	225.0				
08:15	15.0	225.0				
08:30	15.0	225.0				
08:45	15.5	225.9				
09:00	14.3	216.3	16.4	218.9		
09:15	16.4	222.6	16.8	219.5		
09:30	14.9	220.1	14.6	225.4	16.2	228.3
09:45	14.3	223.3	14.2	227.0	15.0	224.6
10:00	14.7	224.1	14.9	225.3		
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						
12:30						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45						
13:00						
13:15						
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21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	14.9	221.4	15.4	223.2	15.6	226.5
Max	17.9	225.9	16.8	227.0	16.2	228.3
Hr. of Max	20	35	37	39	38	38
Min	12.5	215.4	14.2	218.9	15.0	224.6
Count	21	21	5	5	2	2
Total						