

## Daily Summary Report

Site: ORNL Sodar

7/21/2018

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	.6	78.6	2.4	79.3	2.8	105.6	3.4	117.1	4.2
00:15	.5	63.8	1.5	76.0	1.9	107.8	2.9	120.8	4.4
00:30	.2	45.4	.5	202.8	2.1	148.6	3.6	138.8	5.7
00:45	.4	183.0	.9	199.4	2.4	153.7	4.0	143.7	6.4
01:00	.3	188.1	.6	174.7	1.9	150.3	3.3	144.4	5.7
01:15	.1	298.0	.9	198.5	2.0	164.4	3.3	158.4	6.0
01:30	.2	174.2	1.3	203.6	2.6	178.2	4.0	169.8	6.6
01:45	.1	131.3	1.0	212.3	2.4	180.5	3.9	173.8	5.5
02:00	.1	244.5	1.2	223.8	2.1	190.2	4.0	180.6	5.5
02:15	.4	284.6	1.2	249.6	1.2	207.3	2.3	183.9	4.6
02:30	.3	233.8	.4	226.1	1.3	158.0	2.6	160.9	4.6
02:45	.9	175.5	.6	138.6	1.9	145.0	3.0	152.6	5.1
03:00	.3	164.9	.2	352.0	.2	217.1	.7	202.5	2.7
03:15	.2	180.3	1.5	335.0	1.3	340.6	2.2	327.8	1.2
03:30	.3	27.1	.4	39.5	.9	64.2	2.1	47.5	.2
03:45	.8	87.9	1.5	86.2	3.9	78.5	6.5	40.0	7.0
04:00	2.1	144.8	2.4	61.7	9.7	25.6	12.4	31.2	14.2
04:15	1.5	53.0	4.4	25.1	8.9	36.7	11.6	35.6	13.5
04:30	1.7	70.7	4.8	35.1	7.4	53.4	9.5	44.1	11.5
04:45	.4	62.2	1.7	47.0	5.8	63.7	8.6	44.0	9.9
05:00	.5	97.8	1.3	68.2	4.9	73.7	6.7	59.2	9.4
05:15	.8	93.1	2.4	83.8	5.2	79.8	6.3	76.9	9.8
05:30	2.0	94.9	3.0	90.0	6.7	94.3	7.8	98.5	8.8
05:45	2.4	94.5	4.8	101.7	7.5	106.1	9.0	108.4	9.9
06:00	1.5	129.6	3.0	123.8	8.7	132.9	9.9	124.1	11.3
06:15	1.2	130.6	2.0	100.1	6.5	137.4	8.9	130.9	10.0
06:30	.6	98.9	1.2	72.0	2.6	101.7	5.3	112.4	8.2
06:45	.4	95.2	.4	57.3	1.2	115.6	2.9	124.5	6.3
07:00	.1	135.0	.1	148.7	.8	174.2	2.1	170.1	4.1
07:15	.2	227.7	.9	267.5	1.1	252.2	1.3	219.8	2.6
07:30	.4	264.5	2.8	285.1	3.7	282.1	4.1	279.6	3.4
07:45	.3	293.6	2.6	292.4	3.7	287.9	4.6	287.6	3.9
08:00	.4	50.2	1.9	300.6	3.2	289.4	3.9	289.5	3.7
08:15	.3	54.5	1.9	304.4	3.3	286.2	3.2	281.9	3.9
08:30	.3	63.6	1.2	306.4	3.0	283.7	2.7	279.3	3.9
08:45	.3	65.7	.6	282.6	2.1	277.7	3.3	272.2	5.3
09:00	.1	25.3	1.0	256.1	1.6	267.1	3.5	265.1	6.3
09:15	.3	342.1	1.1	274.2	1.8	269.1	3.2	262.0	5.0
09:30	.7	279.1	1.3	272.6	2.2	268.9	2.9	265.5	4.2
09:45	1.0	276.5	2.2	261.2	2.9	262.5	3.2	262.1	3.7
10:00	.8	279.0	2.9	263.3	3.5	256.7	3.4	256.6	3.1
10:15	.4	285.8	2.2	266.6	2.6	260.8	2.6	263.0	2.4
10:30	.3	38.9	.7	277.3	.9	272.4	1.2	276.2	1.1
10:45	.4	34.3	.5	275.1	1.4	263.5	1.4	263.4	1.1
11:00	.3	338.3	1.4	257.5	2.4	259.4	2.3	254.4	2.3
11:15	.6	268.4	2.1	245.9	2.6	248.8	2.7	244.4	2.5
11:30	.6	226.4	2.2	233.9	2.7	232.1	2.9	229.9	2.3
11:45	.7	205.3	1.8	224.5	2.3	222.8	2.8	218.8	2.3
12:00	.4	212.4	1.5	249.0	1.8	238.6	2.3	230.0	2.2
12:15	.2	211.6	1.7	262.6	1.8	244.8	2.1	230.2	2.1



## Daily Summary Report

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7/21/2018

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	127.1	6.7	131.9	8.7	141.0	8.6	147.2	9.4	147.4
00:15	129.2	6.3	134.0	7.4	143.7	7.4	156.7	10.0	148.0
00:30	137.7	7.6	142.6	7.2	151.2	7.2	166.1	10.0	148.0
00:45	142.8	8.9	147.7	8.5	160.0			11.0	148.0
01:00	147.0	8.6	153.6					11.0	148.0
01:15	157.1	8.7	159.8					11.0	148.0
01:30	163.2	8.8	163.8					11.0	148.0
01:45	165.2	7.7	163.8					12.0	148.0
02:00	172.7	7.0	167.3					12.0	148.0
02:15	179.0	4.8	177.1					12.0	148.0
02:30	166.7	7.1	173.3					12.0	148.0
02:45	160.9	7.2	166.9					12.0	148.0
03:00	178.8	3.6	180.7					13.0	148.0
03:15	269.1	3.3	165.0					13.0	148.0
03:30	50.0	3.1	149.3					13.0	148.0
03:45	40.0	9.0	80.0					14.0	148.0
04:00	27.6	15.9	28.9	14.1	33.3			14.0	148.0
04:15	35.6	14.7	30.9	14.9	30.3	15.7	35.5	14.0	148.0
04:30	43.4	12.8	35.3	13.5	32.4	14.3	38.0	14.0	148.0
04:45	47.4	11.4	40.7	11.8	39.1	11.1	39.4	14.0	148.0
05:00	49.9	11.2	45.0	12.4	42.3	11.1	41.0	14.0	148.0
05:15	53.4	10.9	46.5	12.3	44.8	11.8	44.3	14.0	148.0
05:30	100.7	8.2	67.3	12.3	42.9	11.3	36.6	14.0	148.0
05:45	105.7	8.8	100.8	11.5	85.0	11.4	80.0	14.0	148.0
06:00	122.2	12.1	129.2	11.2	136.1	11.6	145.0	13.6	148.2
06:15	128.9	11.7	131.2	11.0	129.9	10.2	137.1	11.6	140.8
06:30	123.6	10.9	129.2	12.3	128.2	10.8	130.3	10.4	134.4
06:45	134.9	9.3	134.3	11.9	133.1	11.9	131.1	11.3	134.7
07:00	163.8	6.8	156.5	10.8	145.8	12.2	143.6	12.7	136.5
07:15	197.9	5.5	169.9	9.8	155.7	9.9	160.8	13.2	143.3
07:30	264.9	3.4	236.6	6.3	210.5	9.6	195.0	12.2	178.0
07:45	275.8	3.5	252.8	5.4	212.3	8.5	195.1	11.3	207.5
08:00	279.5	3.8	267.7	5.0	219.7	7.4	201.5	10.6	202.1
08:15	274.5	4.8	262.3	6.0	221.9	8.6	204.9	12.4	206.8
08:30	270.2	5.9	258.3	6.2	229.0	9.0	212.8	10.0	220.0
08:45	268.2	7.4	261.5	7.0	235.8	8.7	219.6	8.8	233.9
09:00	263.9	7.7	257.6	8.2	236.6	8.2	234.8	8.5	258.0
09:15	260.5	7.0	256.0	8.9	238.7	8.7	243.1	8.5	259.0
09:30	262.9	6.4	261.5	9.1	244.9	9.0	244.6	8.5	260.0
09:45	262.4	5.4	263.7	8.8	250.4	9.3	247.0	8.6	261.0
10:00	259.5	4.3	258.2	7.4	247.9	9.6	250.0	8.6	262.0
10:15	258.4	3.4	252.7	5.5	244.0	8.2	247.1	8.6	265.0
10:30	265.1	3.1	258.5	4.6	243.3	7.3	251.3	8.7	265.8
10:45	268.1	3.4	260.3	4.4	245.8	6.5	254.0	7.6	257.5
11:00	265.7	3.0	266.4	4.1	256.8	6.4	241.5	8.2	249.8
11:15	252.4	2.2	253.8	4.2	233.0	7.0	234.3	9.0	244.7
11:30	227.0	2.8	222.6	4.3	223.2	6.4	227.8	8.3	231.8
11:45	218.3	3.2	221.1	4.6	224.8	6.6	226.8	8.4	229.8
12:00	234.9	2.7	239.8	4.6	234.3	7.4	234.1	9.0	228.0
12:15	228.1	2.5	236.2	4.3	233.5	6.9	231.7	9.0	227.0



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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						
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05:45						
06:00						
06:15						
06:30						
06:45						
07:00	14.3	139.5	13.5	142.7		
07:15	14.0	170.0	14.0	170.0		
07:30	13.0	200.0	14.3	200.0		
07:45	12.9	227.4	14.6	223.2		
08:00	12.0	230.0				
08:15	11.0	240.0				
08:30	10.0	250.0				
08:45	8.7	256.7				
09:00	9.7	268.0				
09:15	9.5	269.0				
09:30	9.3	269.0				
09:45	9.3	270.0				
10:00	9.0	270.0				
10:15	8.8	270.0				
10:30	8.5	271.1				
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30						
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23:15						
23:30						
23:45						
Avg	10.7	240.0	14.1	184.0		
Max	14.3	271.1	14.6	223.2		
Hr. of Max	28	42	31	31		
Min	8.5	139.5	13.5	142.7		
Count	15	15	4	4	0	0
Total						