

## Daily Summary Report

Site: ORNL Sodar

5/23/2017

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	1.3	23.1	1.7	25.0	3.3	35.6	4.7	33.4	4.5
00:15	1.5	10.3	1.5	37.0	3.3	41.3	4.7	37.0	4.4
00:30	2.0	19.9	1.6	49.8	3.5	48.2	4.8	41.1	4.1
00:45	1.2	51.4	1.8	55.3	3.5	51.3	4.8	44.9	4.3
01:00	1.5	45.9	1.9	52.1	3.4	48.8	4.8	43.9	4.2
01:15	2.7	22.8	1.8	48.5	2.8	43.1	4.2	39.7	4.0
01:30	1.6	28.1	1.3	37.2	2.0	36.6	3.3	37.4	4.2
01:45	.6	32.7	.8	24.3	1.6	48.0	3.0	44.6	4.1
02:00	.5	39.3	.8	74.2	2.3	66.9	3.5	52.3	3.2
02:15	.8	74.0	1.4	86.8	3.0	71.4	3.7	60.1	2.9
02:30	1.3	94.6	1.6	90.7	3.1	77.2	3.7	71.9	2.9
02:45	1.4	88.3	2.2	92.7	3.3	84.6	4.0	79.4	2.8
03:00	1.2	68.1	2.7	84.5	3.9	87.6	4.8	82.7	4.0
03:15	1.3	63.3	2.8	75.5	4.0	85.4	5.1	81.2	5.0
03:30	2.1	75.8	2.4	72.2	3.9	80.8	5.0	79.6	4.7
03:45	1.0	64.1	2.0	69.0	3.0	79.7	4.1	82.5	3.6
04:00	.9	65.2	2.0	69.7	2.5	76.6	3.5	82.6	3.2
04:15	1.7	81.5	1.8	69.8	2.6	75.9	3.3	85.3	3.2
04:30	1.0	64.1	1.6	64.2	2.4	78.0	2.6	97.3	2.8
04:45	.5	356.7	1.2	48.0	1.7	63.0	1.4	94.6	1.9
05:00	1.4	319.2	2.0	356.3	1.6	4.2	.9	1.6	1.0
05:15	1.4	317.5	2.1	346.4	1.6	336.4	1.3	317.2	1.7
05:30	.3	316.0	.7	4.3	.6	313.5	.9	271.0	1.8
05:45	.0	342.5	.9	65.0	.3	45.9	.5	252.9	1.2
06:00	.2	45.9	1.7	64.7	1.1	58.4	.3	70.0	.4
06:15	.4	45.5	2.1	65.3	1.4	62.6	.8	84.1	.6
06:30	.4	32.2	2.0	87.0	1.4	92.1	1.2	123.5	1.3
06:45	.2	34.8	1.7	105.5	1.7	121.5	1.7	145.0	1.7
07:00	.2	.0	1.1	87.5	1.3	127.8	1.7	153.0	1.5
07:15	.4	350.0	.9	66.9	.8	114.3	1.4	160.1	1.4
07:30	.4	346.0	.7	54.2	.7	75.5	.9	144.3	1.1
07:45	.3	328.0	.7	42.6	.7	51.5	.5	80.4	.7
08:00	.0	20.9	.8	17.6	.9	41.5	.6	45.9	.3
08:15	.3	55.3	.7	30.6	.9	50.1	.5	57.4	.2
08:30	.5	21.1	.8	54.0	.8	65.3	.3	108.2	.6
08:45	.4	32.2	.9	44.5	1.0	58.2	.4	86.5	.7
09:00	.5	53.0	1.0	54.1	1.5	58.4	1.1	65.3	.2
09:15	.4	47.8	.9	67.6	1.7	64.4	1.9	71.1	.8
09:30	.3	5.9	.8	62.5	1.3	69.9	2.0	74.3	1.2
09:45	.3	36.7	1.0	62.7	1.4	81.0	1.6	84.8	1.0
10:00	.5	44.9	.7	69.0	1.2	86.8	1.2	100.2	.7
10:15	.6	17.5	.6	63.4	1.0	82.2	1.1	92.9	.4
10:30	.6	18.4	.9	66.5	1.0	79.9	.8	82.0	.3
10:45	.6	31.4	1.0	65.9	.9	74.0	.6	67.0	.2
11:00	.8	30.8	1.0	73.4	1.0	68.3	1.2	72.0	.9
11:15	.8	27.6	1.1	77.5	1.0	74.0	1.3	72.9	1.0
11:30	.5	26.9	.9	76.7	.8	83.5	1.1	78.4	.6
11:45	.7	36.9	.7	74.1	.9	81.4	1.0	77.5	.5
12:00	.4	48.2	1.1	65.9	.7	86.5	.8	67.4	.6
12:15	.1	117.7	1.0	59.4	.2	80.7	.8	61.4	.6



## Daily Summary Report

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5/23/2017

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	42.2	3.6	54.1	3.8	69.0				
00:15	45.3	3.8	54.8	3.6	70.0				
00:30	44.8	4.2	53.2	3.5	71.0				
00:45	44.7	4.5	56.0	3.4	73.0				
01:00	47.5	4.3	59.3	3.3	75.0				
01:15	44.3	3.8	57.3						
01:30	38.2	3.9	55.1						
01:45	42.2	3.7	59.3						
02:00	55.6	3.0	77.7						
02:15	77.6	3.0	102.4						
02:30	87.7	3.2	115.3						
02:45	94.6	3.6	120.9						
03:00	96.4	4.5	120.4	9.2	144.2				
03:15	93.5	5.0	116.3	8.9	136.0				
03:30	96.0	4.9	117.3	9.7	137.4				
03:45	101.0	4.2	127.3	9.5	158.1				
04:00	106.3	3.7	135.7	9.5	167.0				
04:15	116.8	3.6	146.9	8.2	175.3				
04:30	141.1	4.0	168.1	5.3	173.6				
04:45	171.0	3.3	189.8	5.1	190.9				
05:00	259.4	2.2	240.5	5.8	211.5	9.4	205.8		
05:15	282.7	2.5	263.8	4.5	232.8	9.4	210.5		
05:30	255.2	3.1	243.0	5.8	227.4	9.8	216.0	10.9	216.5
05:45	238.9	3.1	232.5	6.4	228.9	11.4	226.2	11.2	221.6
06:00	184.8	2.0	226.2	5.5	216.0	9.5	217.0		
06:15	171.1	1.8	190.2						
06:30	174.0	2.6	188.9						
06:45	168.7	2.4	201.4						
07:00	175.1	3.4	191.7						
07:15	175.7	2.6	184.6						
07:30	153.5	1.2	174.9						
07:45	157.6	1.1	179.9						
08:00	125.1	.6	193.3						
08:15	137.5	.8	195.3						
08:30	187.9	1.4	193.5						
08:45	174.4	1.3	196.1						
09:00	125.9	.6	208.9						
09:15	84.6	1.1	103.1						
09:30	94.6	.7	122.2						
09:45	107.3	.8	147.4						
10:00	123.6	1.3	148.7						
10:15	117.0	1.5	169.0						
10:30	110.0	1.0	163.0						
10:45	55.7	.6	156.6						
11:00	15.3	.5	62.0						
11:15	33.2	1.1	162.1						
11:30	79.5	2.4	172.1						
11:45	90.4	.6	135.0						
12:00	92.0	.9	98.9						
12:15	82.4	1.4	82.4						



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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						
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04:00						
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06:45						
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07:30						
07:45						
08:00						
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08:30						
08:45						
09:00						
09:15						
09:30						
09:45						
10:00						
10:15						
10:30						
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						
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						
14:30						
14:45						
15:00						
15:15						
15:30						
15:45						
16:00						
16:15						
16:30						
16:45						
17:00	10.4	222.7				
17:15	10.2	229.0				
17:30	10.0	237.0				
17:45	9.6	244.0				
18:00	9.3	250.0				
18:15	9.0	255.0				
18:30	8.9	259.4				
18:45	8.0	265.3				
19:00	8.1	264.0				
19:15	8.1	263.0				
19:30	8.2	262.0				
19:45	8.4	261.0				
20:00	8.6	260.0				
20:15	8.7	259.0				
20:30	8.9	258.0				
20:45	9.1	257.0				
21:00	9.2	256.0				
21:15	9.4	255.0				
21:30	9.6	254.0				
21:45	9.7	253.0				
22:00	9.9	252.0				
22:15	10.1	251.0				
22:30	10.3	250.0				
22:45	10.4	249.0				
23:00	10.6	248.0				
23:15	10.8	247.0				
23:30	10.9	246.0				
23:45	11.1	245.0				
Avg	9.5	251.9				
Max	11.1	265.3				
Hr. of Max	95	75				
Min	8.0	222.7				
Count	28	28	0	0	0	0
Total						