

## Daily Summary Report

Site: ORNL Sodar

11/8/2017

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	.5	288.4	1.4	69.9	1.9	62.1	1.8	59.4	2.2
00:15	.5	277.1	1.4	67.3	1.6	64.7	1.5	50.3	2.2
00:30	.2	305.9	1.4	59.7	1.9	64.9	1.9	51.9	1.9
00:45	.2	328.0	1.1	61.2	1.3	54.5	1.5	47.3	2.3
01:00	.2	322.7	.7	67.6	.8	47.5	1.1	45.3	2.6
01:15	.2	319.4	.4	52.6	.7	54.9	1.0	44.6	2.6
01:30	.3	303.2	.6	66.7	.7	66.1	.9	55.1	2.6
01:45	.3	301.6	.6	72.1	.6	75.0	1.0	70.0	2.4
02:00	.2	262.9	.7	79.5	.5	86.2	.8	76.1	1.3
02:15	.2	226.8	.7	88.9	.5	91.9	.6	75.1	.3
02:30	.1	232.9	.5	84.8	.5	64.1	.6	65.3	.4
02:45	.1	73.7	.8	77.5	.8	78.1	.8	71.8	.7
03:00	.1	159.7	.8	77.7	.8	81.9	.7	73.3	.5
03:15	.2	181.0	.8	70.9	.5	57.3	.5	61.3	.7
03:30	.3	207.7	.8	75.2	.5	58.5	.6	49.2	.7
03:45	.3	202.1	.5	83.8	.3	39.6	.6	41.7	.5
04:00	.4	190.2	.4	85.4	.2	53.1	.4	75.5	.7
04:15	.4	198.3	.4	71.8	.3	65.9	.7	81.3	1.5
04:30	.4	208.7	.6	72.7	.5	67.2	1.1	61.7	2.2
04:45	.5	205.9	.3	83.6	.4	62.3	.9	45.4	2.1
05:00	.3	222.1	.1	90.0	.1	14.3	.5	26.5	1.1
05:15	.3	322.1	.2	9.6	.3	14.4	.6	16.1	.9
05:30	.4	340.0	.2	45.4	.4	20.7	.7	23.9	1.1
05:45	.4	349.1	.3	87.1	.2	32.3	.4	49.2	.6
06:00	.2	335.6	.1	79.3	.1	33.6	.4	55.5	.1
06:15	.1	306.6	.1	327.8	.2	19.0	.7	18.7	.0
06:30	.1	286.9	.1	117.2	.2	306.8	.8	6.6	.5
06:45	.1	235.7	.2	261.1	.2	303.7	.5	4.0	.7
07:00	.2	209.8	.4	295.1	.3	47.4	.4	18.9	1.1
07:15	.2	225.4	.4	293.8	.2	12.0	.4	16.7	1.6
07:30	.2	221.7	.2	256.2	.1	12.7	.4	46.6	1.1
07:45	.4	213.1	.1	272.2	.2	67.8	.3	82.8	.8
08:00	.5	205.6	.2	34.9	.3	23.9	.2	11.4	.9
08:15	.3	174.9	1.1	72.1	.9	42.3	.6	34.1	1.7
08:30	.2	142.1	1.2	63.7	1.4	60.9	1.1	63.5	1.9
08:45	.3	178.2	.5	50.2	.8	52.5	.8	60.7	2.2
09:00	.2	186.8	1.0	77.8	.8	32.1	1.3	39.3	2.5
09:15	.1	90.8	1.3	76.5	1.2	50.9	1.7	49.9	2.5
09:30	.1	328.8	.5	48.7	1.0	31.1	1.4	34.4	2.8
09:45	.3	234.0	.4	357.3	1.1	7.4	1.6	12.3	3.4
10:00	.6	191.4	.6	23.1	1.0	22.8	1.2	13.6	2.5
10:15	.1	29.8	.6	34.1	1.0	36.9	1.3	30.9	1.4
10:30	.8	9.4	.9	49.8	1.1	35.8	1.4	36.2	1.0
10:45	1.2	4.8	.9	42.3	1.3	34.0	1.4	34.0	.9
11:00	1.3	6.1	.7	47.5	1.5	35.3	1.3	30.7	1.0
11:15	1.2	17.0	1.3	71.6	1.7	36.8	1.5	25.7	1.5
11:30	1.1	11.9	1.4	59.6	1.5	35.1	1.5	22.4	1.2
11:45	.8	6.8	.9	46.5	1.4	30.8	1.5	15.8	1.1
12:00	.7	21.7	.7	54.1	1.4	25.0	1.9	10.8	1.4
12:15	.4	34.2	1.0	31.4	1.3	26.3	1.6	13.5	.9



## Daily Summary Report

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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	41.8	3.6	42.4	5.0	26.9	4.4	.2		
00:15	33.3	4.0	39.0	5.2	22.3	4.8	352.7		
00:30	36.0	4.4	33.8	5.0	20.3	6.2	355.5		
00:45	36.4	4.6	31.6	5.0	19.4	9.6	357.0		
01:00	42.3	4.9	34.3	4.8	17.6	9.8	.3		
01:15	37.4	5.0	31.3	4.7	14.6	7.5	358.8		
01:30	31.3	4.5	27.6	5.3	10.5	8.0	359.0		
01:45	35.9	3.6	23.7	4.8	7.9				
02:00	46.3	1.8	31.1	4.1	14.3				
02:15	110.1	.8	70.6	2.1	44.9				
02:30	85.5	.7	59.0	1.5	56.2				
02:45	76.1	1.1	43.7	1.9	74.0	.8	42.8		
03:00	60.1	1.1	41.1	3.1	41.2				
03:15	22.0	1.1	33.0	3.5	28.5				
03:30	31.1	.8	20.6	3.0	26.1				
03:45	59.1	1.1	35.3	3.0	28.0				
04:00	41.7	2.3	39.4	3.1	31.1				
04:15	49.7	3.4	41.4	4.0	31.5				
04:30	44.9	4.1	39.4	5.5	26.7				
04:45	25.6	3.8	30.8	6.1	21.9				
05:00	18.8	2.6	43.2	5.9	24.2				
05:15	26.0	2.5	38.5	6.2	18.7				
05:30	26.1	2.9	26.9	6.4	15.0				
05:45	44.5	2.2	32.1	3.0	31.8				
06:00	351.2	1.7	35.8	2.8	12.7				
06:15	86.5	1.8	40.1	3.3	13.0				
06:30	26.6	1.9	37.7	3.8	13.0				
06:45	19.4	2.0	29.1	4.1	14.0				
07:00	21.2	2.7	12.2	4.4	14.0				
07:15	10.3	2.9	22.1	4.7	15.0				
07:30	29.5	2.6	25.8	5.0	15.0				
07:45	54.9	2.3	19.9	5.2	16.0				
08:00	46.9	2.5	27.2	5.5	16.0				
08:15	27.7	3.4	33.2	5.8	17.0				
08:30	39.5	3.8	32.7	6.0	17.0				
08:45	51.2	3.8	34.3	6.2	18.0				
09:00	56.4	3.5	38.4	6.5	18.0				
09:15	46.1	4.0	34.8	6.7	18.0				
09:30	19.0	4.6	22.3	7.0	18.0				
09:45	7.9	4.4	14.0	7.3	18.5				
10:00	4.2	4.1	15.1	7.2	20.4	10.1	28.6	11.4	35.2
10:15	11.7	3.4	21.2	6.8	24.8	8.4	31.3	12.2	28.9
10:30	35.5	2.3	28.4	6.2	23.7	6.6	34.6	9.3	34.0
10:45	33.4	2.3	20.7	5.5	16.1	6.5	28.0	9.0	33.2
11:00	14.1	3.1	10.3	5.6	14.7	6.8	27.0	9.0	31.0
11:15	4.7	2.7	9.8	5.2	16.1	6.8	26.0	9.0	30.0
11:30	16.2	2.7	13.0	6.0	11.0	7.0	25.0	9.0	28.0
11:45	22.0	2.8	11.5	6.9	5.2	7.0	24.0	9.0	26.0
12:00	16.7	3.1	17.4	6.0	8.2	7.3	23.0	9.0	24.0
12:15	21.2	2.9	17.8	5.3	10.0	7.5	22.0	9.1	21.0



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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						
05:15						
05:30						
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	13.4	29.7				
10:15	13.5	30.0				
10:30	13.5	30.0				
10:45	13.3	30.0				
11:00	13.3	30.0				
11:15	13.0	30.0				
11:30	13.0	30.0				
11:45	13.0	31.0				
12:00	13.0	31.0				
12:15	12.8	31.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	12.8	31.0				
12:45	12.8	31.0				
13:00	12.5	31.0				
13:15	12.5	31.0				
13:30	12.3	31.0				
13:45	12.3	31.0				
14:00	12.0	31.9				
14:15	12.6	31.5				
14:30	12.8	32.0				
14:45	12.8	32.0				
15:00	12.8	33.0				
15:15	12.8	33.0				
15:30	13.0	34.0				
15:45	13.0	34.0				
16:00	13.0	34.0				
16:15	13.3	35.0				
16:30	13.3	35.0				
16:45	13.5	35.0				
17:00	13.5	36.0				
17:15	13.8	36.0				
17:30	13.8	36.0				
17:45	14.0	37.0				
18:00	14.0	37.0				
18:15	14.3	37.0				
18:30	14.5	38.0				
18:45	14.8	38.0				
19:00	15.0	38.0				
19:15	15.3	39.0				
19:30	15.5	39.0				
19:45	15.8	39.0				
20:00	16.0	40.0				
20:15	16.3	40.0				
20:30	16.5	41.0				
20:45	16.8	42.0				
21:00	16.9	43.9				
21:15						
21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	13.7	34.4				
Max	16.9	43.9				
Hr. of Max	84	84				
Min	12.0	29.7				
Count	45	45	0	0	0	0
Total						