

## Daily Summary Report

Site: ORNL Sodar

11/23/2017

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	1.2	54.9	1.4	33.6	2.8	39.9	4.3	37.5	7.0
00:15	1.3	49.2	1.5	27.7	3.0	40.8	4.6	38.0	7.2
00:30	1.2	38.5	2.0	32.5	3.7	40.7	5.4	36.6	8.0
00:45	1.5	51.2	2.3	41.8	4.4	40.1	6.2	36.7	8.6
01:00	1.0	30.0	2.2	39.1	4.2	39.0	6.0	37.5	8.1
01:15	1.7	39.2	2.0	35.0	3.7	39.5	5.4	38.6	7.2
01:30	1.4	54.7	1.7	35.6	3.3	38.0	4.9	39.6	6.8
01:45	1.3	66.3	1.9	46.6	3.1	40.2	4.5	41.1	6.4
02:00	1.1	83.3	1.9	51.2	3.2	41.9	4.5	40.1	6.1
02:15	.7	51.4	1.6	42.0	3.3	38.5	4.9	38.0	6.0
02:30	1.2	59.6	1.9	48.1	3.3	41.3	5.1	39.4	6.3
02:45	1.2	67.5	2.1	58.7	3.6	47.8	5.2	44.4	5.8
03:00	1.4	75.1	2.2	65.5	4.0	54.7	5.6	49.5	6.2
03:15	1.3	79.2	2.2	70.3	4.3	58.7	5.8	52.0	5.0
03:30	1.3	67.7	2.1	68.5	4.3	54.4	5.4	50.8	3.6
03:45	1.4	60.4	2.0	54.0	4.2	45.2	5.6	44.3	4.0
04:00	1.3	67.7	2.0	41.7	4.1	41.6	5.9	40.9	3.4
04:15	1.4	70.1	1.9	38.8	3.8	42.2	5.5	42.6	3.6
04:30	1.5	68.3	2.3	56.8	3.7	49.7	5.3	48.8	4.8
04:45	1.5	71.8	2.5	66.0	4.1	55.8	5.5	52.8	4.5
05:00	1.3	65.2	2.3	53.5	4.2	50.7	5.3	48.6	4.0
05:15	1.3	47.0	2.7	50.3	4.1	44.2	5.3	44.4	5.4
05:30	1.7	54.8	2.8	49.5	4.2	44.0	5.6	45.0	5.8
05:45	1.7	55.6	2.6	34.1	4.3	38.6	5.8	41.0	6.1
06:00	1.5	31.0	2.6	28.8	4.0	34.3	5.5	37.9	6.4
06:15	1.1	9.0	2.5	33.1	3.7	36.4	5.2	39.0	6.1
06:30	1.0	38.6	2.0	32.5	3.5	39.2	5.0	40.0	6.2
06:45	.7	68.4	1.4	38.1	2.8	44.1	4.3	43.1	6.5
07:00	1.5	110.4	1.3	54.1	2.7	52.6	3.8	48.0	6.5
07:15	.5	96.3	1.2	58.3	2.6	51.2	3.6	47.1	6.0
07:30	.2	143.3	.9	40.0	2.1	44.8	3.3	41.9	5.8
07:45	.2	164.9	.6	38.5	1.8	56.6	3.0	47.6	6.0
08:00	.1	109.4	.5	71.7	2.0	64.1	2.9	53.4	5.8
08:15	.4	78.2	.8	74.0	2.3	68.0	3.3	59.1	5.6
08:30	1.0	77.5	1.6	73.4	3.3	70.3	4.7	65.9	6.5
08:45	1.5	76.0	2.0	67.3	3.6	65.1	5.2	63.0	7.2
09:00	1.6	77.4	2.3	71.9	3.3	63.8	4.9	60.0	7.0
09:15	1.7	79.1	2.1	77.9	3.0	67.8	4.4	63.2	6.5
09:30	2.1	84.0	2.2	84.0	2.6	71.1	3.9	67.0	5.8
09:45	1.7	78.5	2.3	73.9	2.8	67.8	3.5	67.5	4.8
10:00	1.3	72.4	1.4	57.8	2.5	56.5	3.0	59.9	3.4
10:15	.6	89.4	.8	76.1	1.9	49.4	2.6	53.1	2.9
10:30	1.0	83.4	1.8	71.6	2.2	65.3	2.5	62.6	2.7
10:45	1.2	71.2	1.6	76.0	1.8	66.7	2.1	60.3	2.3
11:00	.9	75.2	1.3	80.9	1.6	48.1	1.9	45.2	2.0
11:15	1.2	90.7	2.1	84.2	1.9	60.1	2.2	48.4	1.9
11:30	1.3	87.3	2.0	91.2	2.1	72.2	2.0	60.0	1.5
11:45	1.1	90.2	1.5	99.0	1.5	89.1	1.3	71.0	1.0
12:00	.8	108.0	1.1	126.3	1.2	111.8	1.0	86.7	1.1
12:15	.7	116.8	.9	143.1	.9	119.5	.9	99.2	1.0



## Daily Summary Report

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11/23/2017

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	34.9	9.9	29.4	10.8	45.8	10.0	60.7	9.5	59.1
00:15	35.6	8.1	35.4	9.1	52.7	10.2	62.2	9.8	58.0
00:30	32.8	8.1	32.6	9.5	52.1	10.2	63.0	9.3	60.0
00:45	34.2	8.0	36.0	9.3	53.5	10.0	63.9	8.8	62.0
01:00	38.2	7.3	33.8	7.9	53.0	9.0	70.0	8.3	64.0
01:15	40.1	6.2	44.8	7.5	48.9	8.0	75.0	7.8	66.0
01:30	38.2	5.9	51.2	7.6	65.7	7.0	80.0	7.3	68.0
01:45	40.3	5.8	53.0	8.5	71.7	6.0	85.0	6.8	70.0
02:00	39.8	4.9	49.0	5.6	71.1	5.4	90.1	6.3	71.0
02:15	33.1	4.2	29.8	2.2	29.9	5.2	87.0	5.8	73.0
02:30	36.3	4.7	32.4	4.4	20.7	4.8	84.0	5.3	74.0
02:45	42.7	3.4	35.9	2.0	20.0	4.4	81.0	4.8	75.0
03:00	44.3	3.1	42.9	2.4	53.4	4.0	79.0	4.5	77.0
03:15	43.7	3.6	61.7	2.6	62.4	3.5	77.0	4.3	79.0
03:30	52.8	3.3	69.3	4.5	71.0	3.3	73.5	4.0	81.0
03:45	49.1	2.7	56.2	2.9	63.5	4.7	76.6	3.7	84.0
04:00	43.4	1.2	29.8	.2	10.9	2.7	62.0	1.5	62.7
04:15	46.1	.9	25.0	.5	30.9	2.5	53.0	.8	85.7
04:30	57.6	2.0	67.4	2.6	76.7	4.7	88.6	2.7	110.2
04:45	69.0	3.2	82.4	5.0	85.2	3.8	91.3	2.6	119.7
05:00	59.0	1.8	65.4	2.6	76.2	3.3	88.0	.9	166.5
05:15	53.5	2.6	56.8	5.4	82.8	6.0	83.3	3.1	99.8
05:30	52.0	4.4	61.6	7.0	80.9	5.8	88.5	5.1	112.4
05:45	45.4	4.8	63.0	5.2	77.1	4.8	90.8	2.2	127.3
06:00	38.5	4.9	54.7	4.3	77.0	4.8	87.3	1.8	94.9
06:15	37.9	4.7	40.3	3.2	57.1	4.3	69.5	2.3	66.9
06:30	39.8	3.5	36.8	2.3	22.9	3.2	57.5	2.7	57.1
06:45	40.2	5.3	35.7	3.5	36.3	4.0	63.0	2.0	38.3
07:00	42.6	6.7	35.3	4.7	42.6	4.6	47.0	2.1	10.9
07:15	42.7	4.8	39.9	2.1	34.1	3.0	36.4	1.7	28.8
07:30	40.5	4.0	41.2	2.5	22.8	3.1	23.6	2.0	24.3
07:45	44.3	5.4	46.2	4.1	33.1	3.2	28.0	2.6	.6
08:00	45.5	6.6	48.8	4.6	40.2	2.8	40.0	1.9	36.4
08:15	47.6	6.0	49.4	5.0	48.3	2.7	50.4	2.8	71.0
08:30	59.0	3.7	67.0	4.7	75.0	2.7	63.8	2.7	94.1
08:45	62.6	4.3	80.6	4.9	87.3	3.1	68.1	1.9	113.2
09:00	62.1	7.0	70.2	5.9	72.3	4.0	71.4	2.1	107.3
09:15	63.4	7.6	70.9	6.2	80.7	5.0	80.6	2.3	106.1
09:30	66.1	7.8	71.1	6.8	79.0	4.2	67.3	2.0	71.2
09:45	69.7	6.4	74.0	6.6	75.7	3.6	62.0	1.9	70.1
10:00	76.3	4.3	78.4	5.9	81.5	4.0	68.9		
10:15	73.1	3.3	75.9	5.3	77.1	5.2	53.9		
10:30	66.8	3.1	59.7	4.8	62.0	5.5	44.6		
10:45	55.0	3.1	42.4	4.7	50.0	5.7	36.1		
11:00	37.3	2.7	26.6	4.2	39.2	5.7	30.1		
11:15	37.6	2.2	24.3	3.5	31.9	4.7	33.8		
11:30	46.5	1.5	30.7	2.7	23.7	3.2	33.4		
11:45	51.2	1.4	21.1	2.4	9.4	1.7	24.1		
12:00	59.6	1.8	23.8	2.2	12.4	1.5	10.6		
12:15	66.2	1.4	38.1	1.4	15.6	2.0	.9		



## Daily Summary Report

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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	3.1	196.1				
04:15	3.1	197.7				
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	2.0	258.7	4.6	231.0		
09:45	2.4	258.0	5.0	245.9		
10:00	2.5	256.0				
10:15	2.6	254.0				
10:30	2.8	252.0				
10:45	3.0	250.0				
11:00	3.2	248.0				
11:15	3.3	246.0				
11:30	3.4	244.0				
11:45	3.5	243.0				
12:00	3.6	242.0				
12:15	3.8	240.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	4.0	239.0				
12:45	4.2	237.0				
13:00	4.4	235.3				
13:15	3.8	233.5				
13:30	3.9	232.3				
13:45	3.4	221.4				
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						
17:15						
17:30						
17:45						
18:00						
18:15						
18:30						
18:45						
19:00						
19:15						
19:30						
19:45						
20:00						
20:15						
20:30						
20:45						
21:00						
21:15						
21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	3.3	239.2	4.8	238.5		
Max	4.4	258.7	5.0	245.9		
Hr. of Max	52	38	39	39		
Min	2.0	196.1	4.6	231.0		
Count	20	20	2	2	0	0
Total						