

## Daily Summary Report

Site: ORNL Sodar

10/21/2018

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	3.5	289.5	3.5	302.1	5.4	309.0	6.4	312.1	7.2
00:15	2.8	314.2	4.1	315.5	5.4	323.2	5.8	326.3	6.7
00:30	5.3	340.4	5.3	334.3	6.9	333.8	7.4	334.5	7.9
00:45	3.4	349.4	5.0	340.9	7.3	341.8	8.0	338.4	7.7
01:00	1.7	351.4	3.7	357.3	5.8	349.7	6.8	348.9	8.2
01:15	2.1	356.4	3.5	359.0	5.6	352.0	7.1	355.9	8.5
01:30	1.8	347.4	2.5	3.9	5.7	4.0	7.6	3.0	7.5
01:45	1.0	342.1	1.9	19.7	4.7	8.2	7.5	3.0	7.5
02:00	2.5	354.1	3.3	356.4	6.7	359.9	8.0	358.5	8.5
02:15	8.7	357.9	6.5	357.4	8.4	359.5	8.9	359.5	9.6
02:30	4.0	10.0	1.9	16.6	5.9	6.1	7.5	3.8	9.3
02:45	.7	21.5	2.4	16.4	4.8	8.8	6.5	5.6	8.2
03:00	.6	14.1	2.0	21.1	4.7	10.3	6.1	6.5	7.6
03:15	1.3	8.7	2.7	30.3	4.9	16.9	6.2	11.5	7.7
03:30	2.2	8.4	3.8	25.5	6.0	13.6	7.0	11.2	7.9
03:45	2.2	5.8	3.8	15.9	6.0	8.4	7.2	6.3	6.9
04:00	1.7	20.7	4.0	8.5	4.8	5.7	5.3	4.9	4.3
04:15	1.3	39.0	2.8	13.2	3.6	10.6	4.4	7.7	4.4
04:30	1.6	46.6	1.9	23.0	3.5	18.2	4.4	13.0	5.4
04:45	2.0	40.0	3.0	20.9	4.6	16.0	5.5	13.7	6.3
05:00	1.6	48.6	3.4	15.5	4.9	15.3	6.0	14.3	6.6
05:15	1.4	76.8	2.4	19.6	3.8	23.0	4.3	23.9	4.2
05:30	1.2	63.1	2.0	27.1	3.4	23.2	4.0	22.8	4.1
05:45	3.4	21.3	2.9	23.4	4.4	23.0	5.6	19.5	6.5
06:00	2.3	5.0	4.3	27.0	6.0	27.9	7.1	24.6	8.3
06:15	2.5	15.0	4.9	31.0	7.1	27.6	8.2	25.5	8.9
06:30	6.4	57.4	5.0	31.6	7.2	26.9	8.4	25.2	9.0
06:45	5.7	63.6	4.4	24.1	6.5	25.0	7.4	26.5	8.7
07:00	4.8	64.8	3.6	26.8	6.2	27.2	6.9	28.2	8.6
07:15	3.0	53.6	3.2	34.1	5.6	26.9	6.7	28.6	8.1
07:30	2.2	59.7	2.3	32.2	4.2	25.7	5.8	29.2	6.7
07:45	1.9	54.5	2.0	29.2	3.8	27.5	5.5	26.8	6.8
08:00	1.8	15.5	3.0	22.8	5.3	29.2	6.4	25.6	8.1
08:15	2.0	12.5	3.3	26.0	6.1	30.2	7.1	26.5	8.5
08:30	2.2	65.1	2.8	44.2	5.2	32.5	6.5	27.8	8.5
08:45	1.2	69.8	2.4	56.6	4.3	37.0	5.8	33.5	8.7
09:00	.5	28.8	2.2	51.5	4.3	38.6	6.1	36.9	8.6
09:15	.7	74.2	2.3	56.5	4.0	42.0	5.0	38.9	7.2
09:30	1.1	54.2	2.0	42.6	3.7	34.0	4.2	32.5	6.6
09:45	1.7	58.4	2.1	34.3	4.1	37.2	4.8	40.8	6.1
10:00	1.8	85.3	2.5	46.8	3.8	43.2	4.4	49.8	5.2
10:15	1.4	72.5	3.3	38.5	3.7	35.3	4.3	37.8	5.2
10:30	2.5	33.8	4.1	43.2	4.8	38.2	5.6	39.2	6.2
10:45	3.0	35.8	4.5	50.2	4.9	44.0	5.6	47.3	5.8
11:00	1.9	24.4	4.1	38.3	4.4	41.5	5.2	43.0	5.0
11:15	1.4	61.6	3.7	48.9	4.5	58.0	4.6	54.6	4.7
11:30	2.4	79.6	4.1	69.1	5.2	70.9	5.5	68.1	5.7
11:45	2.4	81.6	3.4	71.0	4.3	69.0	5.2	67.6	4.9
12:00	3.4	84.1	3.4	68.3	4.1	67.8	4.5	62.5	4.5
12:15	5.4	83.5	5.2	73.3	5.3	66.0	5.8	59.8	5.7
12:30	4.6	83.2	5.1	73.7	5.1	68.5	6.1	65.7	6.0



## Daily Summary Report

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10/21/2018

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	317.6	8.0	324.5	9.3	333.8	9.8	330.8		
00:15	334.5	7.5	337.3	8.4	337.5	9.1	334.7		
00:30	333.2	8.0	334.1	8.4	333.0	8.1	331.1		
00:45	334.6	8.1	340.6	9.3	342.1	8.5	335.0		
01:00	350.2	8.3	353.7	6.6	349.1	8.5	340.0		
01:15	356.4	8.6	358.4	6.0	356.0	9.0	345.0		
01:30	1.5	8.4	1.4	8.0	358.0	9.0	352.0		
01:45	2.5	10.9	.1	9.7	.4	9.4	359.6		
02:00	359.2	10.3	358.0	10.0	.1	10.0	342.8		
02:15	359.5	10.0	359.9	10.8	359.0	9.9	349.8		
02:30	2.0	9.9	2.2	11.4	1.3	12.0	360.0		
02:45	3.5	9.4	2.3	10.7	3.6	12.8	2.0		
03:00	5.2	7.7	5.5	9.1	6.3	12.8	4.0		
03:15	8.7	6.8	9.6	8.5	7.0	12.8	6.0		
03:30	10.3	9.2	7.3	8.5	7.0	12.8	8.0		
03:45	6.3	6.0	6.0	8.0	8.0	12.8	10.0		
04:00	2.5	4.2	4.6	7.5	8.0	12.8	12.0		
04:15	6.8	5.6	6.8	7.0	8.9	12.8	14.0		
04:30	10.4	6.8	5.4	7.6	3.9	12.8	16.0		
04:45	10.3	7.3	4.2	6.7	6.9	13.0	18.0		
05:00	11.2	6.1	8.1	6.0	13.0	13.0	20.0		
05:15	17.9	2.6	26.1	5.0	20.0	13.2	22.0		
05:30	16.7	3.6	16.4	3.3	29.3	13.2	23.0		
05:45	15.5	6.3	13.7	6.2	17.9	13.4	24.0		
06:00	21.0	7.5	18.6	9.4	26.1	13.4	25.0		
06:15	26.2	8.7	22.0	10.1	39.0	13.6	27.0		
06:30	25.0	9.1	25.3	10.5	35.2	13.6	28.0		
06:45	20.2	8.8	23.8	10.9	28.9	13.8	30.0		
07:00	22.9	9.1	23.7	13.2	27.0	13.8	31.0		
07:15	28.6	9.2	24.2	11.8	29.3	14.0	32.0		
07:30	28.6	8.3	27.4	9.5	32.5	14.0	33.0		
07:45	20.9	8.5	23.8	11.4	29.3	14.0	34.0		
08:00	20.9	9.3	19.6	12.9	24.7	14.2	35.6		
08:15	24.0	10.5	20.9	12.7	26.3	13.9	38.5		
08:30	26.3	10.4	23.7	12.9	29.6	13.9	34.7		
08:45	27.9	10.1	27.6	12.3	31.3	15.4	31.6		
09:00	32.6	10.1	28.8	11.6	32.2	13.9	32.0	16.8	25.4
09:15	38.8	9.0	31.1	11.7	31.6	12.2	35.6	16.2	29.7
09:30	25.0	8.9	25.3	11.8	36.6	10.7	44.6	14.1	38.0
09:45	28.5	7.7	27.5	10.5	39.9	11.1	41.1	11.5	47.2
10:00	48.4	5.8	41.1	9.9	35.7	12.1	34.0	10.9	49.3
10:15	36.4	6.6	33.0	10.1	32.5	12.8	33.8	10.2	47.1
10:30	36.9	8.3	34.7	10.1	39.5	13.0	40.5	10.6	45.5
10:45	47.5	6.8	43.3	8.9	49.3	11.2	46.3	11.0	43.0
11:00	39.3	5.8	40.3	7.7	46.4	9.7	46.6	10.9	43.1
11:15	44.7	6.0	46.0	7.9	46.5	10.2	45.0	10.6	44.6
11:30	56.9	6.0	54.6	8.0	46.0	10.7	43.8	11.9	37.0
11:45	65.2	4.6	64.4	7.0	47.6	10.2	37.5	11.7	29.5
12:00	67.7	4.3	71.1	7.0	42.0	9.0	32.0	11.5	24.4
12:15	62.0	5.8	61.4	7.5	37.6	8.1	31.1	11.0	28.0
12:30	64.7	5.7	63.3	6.5	46.7	6.3	42.6	10.0	32.0



## 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						
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09:15						
09:30						
09:45	13.2	39.5				
10:00	11.9	43.9	14.0	37.6	14.5	33.1
10:15	11.9	43.8	13.1	39.9	14.3	43.6
10:30	11.9	40.1	12.7	36.7		
10:45	11.9	39.6	13.7	35.8		
11:00	11.6	40.9	12.5	38.6	11.8	39.5
11:15	11.8	41.0	11.4	39.1	12.7	40.5
11:30	12.0	43.3	12.9	44.4		
11:45	11.2	42.2	12.2	40.4		
12:00	10.0	38.2	11.8	31.0		
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						
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23:00						
23:15						
23:30						
23:45						
Avg	11.7	41.3	12.7	38.2	13.3	39.2
Max	13.2	43.9	14.0	44.4	14.5	43.6
Hr. of Max	39	40	40	46	40	41
Min	10.0	38.2	11.4	31.0	11.8	33.1
Count	10	10	9	9	4	4
Total						