

## Daily Summary Report

Site: ORNL Sodar

4/30/2018

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	.9	70.4	2.1	37.1	3.2	33.5	2.5	27.6	.5
00:15	.7	86.2	1.4	37.7	2.8	40.4	2.3	38.5	.4
00:30	.5	69.6	1.3	42.3	2.9	44.6	2.6	43.1	.8
00:45	.5	44.0	1.7	41.0	3.1	41.7	2.4	44.6	1.0
01:00	.3	62.5	1.7	45.5	2.7	41.1	2.4	42.2	1.1
01:15	.3	66.9	1.8	60.5	2.2	45.9	2.6	37.6	1.2
01:30	.7	75.4	2.0	64.1	2.2	52.5	2.7	45.6	.9
01:45	.7	72.8	1.8	65.3	2.3	58.3	2.6	52.7	.9
02:00	.8	70.8	1.8	68.2	2.7	60.5	2.8	50.7	1.0
02:15	1.0	65.3	2.3	66.9	3.3	60.8	3.1	49.7	.9
02:30	.9	55.9	2.5	64.0	4.0	56.6	3.8	51.8	.7
02:45	.7	55.0	2.5	59.9	4.6	54.5	5.7	48.0	3.8
03:00	1.1	54.1	2.8	60.5	4.9	54.4	7.2	49.1	8.2
03:15	1.5	62.8	3.1	60.9	5.3	51.0	7.5	50.7	7.0
03:30	1.6	65.7	3.0	58.4	5.1	49.3	7.1	47.1	8.4
03:45	1.8	58.2	3.3	59.9	5.0	52.0	7.0	45.9	8.4
04:00	2.0	49.3	4.0	61.9	5.4	51.5	7.3	46.0	9.2
04:15	1.9	50.0	3.6	57.0	5.7	50.8	7.6	47.6	9.5
04:30	2.6	58.6	3.4	58.2	6.0	52.8	7.7	51.2	8.5
04:45	3.0	55.7	4.3	59.9	6.5	52.2	8.3	51.4	9.8
05:00	2.8	61.1	4.7	58.2	6.6	52.1	8.7	49.7	11.2
05:15	3.2	58.9	4.7	56.8	6.6	51.1	9.1	49.3	11.4
05:30	3.6	52.9	4.8	48.6	7.0	47.6	9.2	49.9	9.5
05:45	3.9	55.6	4.7	41.7	6.8	43.6	8.5	46.7	9.1
06:00	3.5	58.4	4.5	39.3	6.2	41.8	8.0	45.7	9.1
06:15	3.0	59.8	4.0	40.5	5.5	42.9	7.4	47.5	8.9
06:30	3.7	30.6	3.5	51.7	4.7	45.9	6.6	47.4	8.2
06:45	2.0	46.5	3.7	62.0	4.8	49.9	6.5	47.7	8.4
07:00	1.3	69.0	3.2	65.4	5.3	50.4	7.1	48.7	9.4
07:15	1.3	68.7	2.4	67.9	5.2	52.1	7.0	51.0	9.0
07:30	1.2	51.5	2.6	65.3	5.2	53.4	6.8	52.3	8.1
07:45	1.3	46.5	3.2	63.5	5.2	51.2	6.9	51.9	8.0
08:00	2.0	63.0	3.5	63.2	5.7	45.6	7.4	51.8	8.1
08:15	2.0	59.3	3.4	60.8	5.9	43.6	7.6	50.3	7.9
08:30	1.7	46.1	3.5	58.6	5.6	45.5	7.0	48.2	7.4
08:45	1.3	36.1	3.5	58.0	5.1	49.3	6.6	52.2	7.0
09:00	.8	41.7	2.9	55.4	4.7	49.8	6.4	51.6	6.5
09:15	1.4	41.9	2.5	57.5	4.4	49.8	6.0	52.2	6.5
09:30	1.8	67.7	2.1	73.1	3.4	63.1	4.5	64.0	5.6
09:45	1.6	80.9	1.8	79.1	2.7	72.7	3.2	71.6	4.4
10:00	2.0	74.0	2.2	59.4	2.7	52.2	3.1	66.0	3.1
10:15	1.8	61.8	2.2	47.2	2.2	47.7	2.3	67.3	2.5
10:30	1.1	43.8	2.1	46.7	2.0	55.6	1.9	73.5	2.3
10:45	.9	17.5	2.5	47.1	2.0	47.8	1.9	60.7	2.0
11:00	.5	49.2	2.2	60.1	1.2	59.4	1.2	71.0	1.5
11:15	.3	73.8	1.0	69.3	.9	74.8	.9	103.5	.9
11:30	.5	326.6	.2	5.5	.9	45.5	.6	76.0	.4
11:45	.9	13.8	.7	354.2	1.0	42.6	.9	73.5	.5
12:00	.4	69.3	.5	180.1	1.1	153.3	1.5	159.4	1.3
12:15	.8	202.3	2.0	185.4	2.0	181.8	2.4	180.4	1.9



## Daily Summary Report

Site: ORNL Sodar

4/30/2018

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	37.0	.5	55.7	.8	332.8	-999.9	-999.9	-999.9	-999.9
00:15	39.7	.5	63.5	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:30	64.5	1.0	83.4	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:45	67.2	1.1	84.8	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:00	53.7	1.0	73.7	1.0	59.0	-999.9	-999.9	-999.9	-999.9
01:15	49.7	.7	67.6	.6	139.3	-999.9	-999.9	-999.9	-999.9
01:30	64.2	.3	38.4	.9	146.8	-999.9	-999.9	-999.9	-999.9
01:45	56.9	.3	25.3	.4	179.2	-999.9	-999.9	-999.9	-999.9
02:00	48.2	.5	54.8	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:15	47.1	.8	59.6	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:30	48.1	1.0	59.1	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:45	51.6	5.9	73.2	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:00	54.4	8.5	58.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:15	67.6	10.5	35.5	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:30	47.8	9.4	31.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:45	40.3	9.1	40.2	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:00	44.3	9.0	40.7	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:15	50.3	12.5	46.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:30	51.8	12.8	45.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:45	47.5	13.0	44.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:00	46.7	13.5	43.3	14.6	55.2	13.9	41.0	14.0	49.0
05:15	45.2	14.9	42.2	14.6	43.3	13.9	38.6	14.1	41.4
05:30	58.2	13.0	46.6	14.5	35.6	14.0	43.0	13.0	42.0
05:45	60.8	11.1	54.5	13.8	44.9	14.1	47.2	12.0	44.0
06:00	56.7	10.8	54.3	15.9	37.0	14.2	47.7	12.0	45.9
06:15	57.4	11.3	55.1	14.0	47.0	13.5	44.9	15.5	40.5
06:30	57.7	12.1	55.5	14.7	40.3	13.8	41.8	14.3	38.5
06:45	52.5	11.2	57.2	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:00	48.4	12.5	45.9	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:15	51.4	13.6	42.5	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:30	64.6	11.0	48.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:45	63.6	9.7	53.2	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:00	67.5	8.0	66.7	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:15	67.9	8.1	78.6	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:30	62.9	8.3	78.3	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:45	66.6	8.4	79.4	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:00	70.7	8.5	78.4	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:15	70.8	8.1	77.6	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:30	72.9	7.3	81.1	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:45	75.2	6.3	86.9	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:00	83.4	4.7	93.1	7.0	108.5	-999.9	-999.9	-999.9	-999.9
10:15	88.5	3.7	98.3	6.0	106.5	-999.9	-999.9	-999.9	-999.9
10:30	84.3	3.1	105.3	4.9	115.3	5.5	124.2	-999.9	-999.9
10:45	82.8	2.2	111.3	4.1	126.5	4.0	120.0	-999.9	-999.9
11:00	82.7	1.4	111.5	3.0	123.4	2.6	115.8	-999.9	-999.9
11:15	76.7	.9	113.5	2.0	118.0	2.0	129.8	-999.9	-999.9
11:30	24.8	.3	59.9	1.5	134.7	3.2	166.7	3.7	183.6
11:45	66.0	.6	85.5	1.6	165.5	4.6	178.9	4.2	185.7
12:00	158.4	1.3	153.1	1.9	170.3	6.0	190.0	-999.9	-999.9
12:15	188.3	2.0	184.4	2.8	189.1	8.0	200.0	-999.9	-999.9





	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
12:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
13:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
13:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
13:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
13:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
14:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
14:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
14:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
14:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
23:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
23:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
23:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
23:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
Avg	-957.7	-954.5	-999.9	-999.9	-999.9	-999.9
Max	15.5	228.9	-999.9	-999.9	-999.9	-999.9
Hr. of Max	24	47	95	95	95	95
Min	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
Count	96	96	96	96	96	96
Total						