

## Daily Summary Report

Site: ORNL Sodar

4/24/2018

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	3.0	66.9	4.5	63.6	6.7	54.2	8.4	52.6	10.7
00:15	3.2	56.7	4.6	58.6	6.5	53.7	8.5	52.4	10.7
00:30	.8	94.8	3.4	51.9	5.5	53.5	7.3	52.8	9.8
00:45	.5	51.0	2.4	49.5	4.3	43.5	5.7	48.0	7.5
01:00	1.6	19.1	3.0	30.5	5.1	32.1	6.4	39.9	7.4
01:15	2.9	17.4	5.2	24.4	7.4	32.8	8.4	39.3	9.2
01:30	3.8	24.6	5.7	26.6	8.0	36.2	9.0	41.6	9.4
01:45	2.9	27.5	4.3	33.9	6.5	35.9	7.8	38.7	8.3
02:00	1.2	26.4	3.0	52.0	4.7	34.1	6.4	35.8	7.4
02:15	.7	44.8	2.4	59.1	3.8	34.8	5.4	37.8	7.3
02:30	.8	50.0	1.9	40.1	3.7	35.9	5.3	37.9	7.4
02:45	1.0	36.2	2.4	31.5	4.6	34.1	6.7	35.3	8.3
03:00	1.6	23.8	3.1	37.9	5.3	30.0	7.3	33.6	8.8
03:15	1.3	32.0	2.7	41.1	4.8	29.7	6.5	33.2	8.1
03:30	.4	49.2	1.2	51.0	3.0	34.5	4.5	30.2	6.6
03:45	.3	28.6	.7	24.1	2.4	29.8	3.9	28.9	5.6
04:00	1.0	26.0	1.1	30.8	2.7	19.5	4.3	29.9	5.9
04:15	.4	37.7	1.4	32.5	3.2	19.2	5.1	30.3	6.3
04:30	.7	65.0	2.2	22.4	4.2	20.4	5.8	26.8	6.7
04:45	.5	68.0	2.0	31.2	4.2	22.8	6.1	26.6	6.6
05:00	.5	30.0	2.4	16.1	4.4	17.8	6.4	26.2	6.2
05:15	.9	20.0	3.2	6.8	5.4	11.9	6.7	20.3	6.2
05:30	1.4	8.0	2.9	17.2	5.1	16.4	6.5	20.2	6.4
05:45	.4	26.3	2.0	35.3	3.4	23.2	5.0	25.5	6.1
06:00	.8	71.0	1.7	46.5	3.4	28.2	4.8	33.5	5.8
06:15	.8	63.6	2.2	39.3	4.7	30.7	6.1	32.8	6.1
06:30	.7	121.3	2.4	39.9	4.4	41.8	6.3	37.1	7.6
06:45	.7	87.1	1.6	46.2	3.2	48.0	4.8	41.0	7.5
07:00	.5	40.4	1.5	61.9	2.4	37.1	3.8	35.3	7.3
07:15	.5	48.5	1.5	83.9	1.8	37.6	3.6	32.8	6.8
07:30	.6	86.0	.6	91.8	1.2	38.5	2.4	34.4	5.1
07:45	1.1	25.5	.7	29.8	1.9	26.2	3.0	29.5	5.6
08:00	1.4	15.7	1.5	53.5	2.7	42.9	4.3	41.9	6.9
08:15	.4	25.1	1.2	63.4	2.6	55.0	3.9	48.9	6.8
08:30	.7	72.6	1.7	51.3	3.2	48.4	4.9	42.8	7.7
08:45	1.0	76.2	2.6	59.4	4.1	45.6	6.0	45.8	8.6
09:00	.6	77.6	2.0	69.0	3.9	52.0	6.3	51.9	9.1
09:15	.4	141.6	.9	71.9	2.5	58.5	5.1	54.2	8.1
09:30	.9	158.9	.3	103.7	.6	40.2	2.1	37.9	3.0
09:45	.9	158.4	.2	96.4	.4	26.9	1.3	27.7	1.6
10:00	.5	143.4	.3	90.6	.2	8.3	.7	45.0	1.4
10:15	.2	122.8	.5	90.3	.1	354.3	.3	95.6	.6
10:30	.1	105.0	.5	79.6	.2	63.8	.2	122.4	.5
10:45	.3	93.7	.7	82.5	.3	52.8	.2	84.5	.5
11:00	.3	69.6	.7	77.9	.4	59.2	.3	42.2	.5
11:15	.6	101.9	.6	88.5	.5	92.0	.3	91.2	.3
11:30	1.2	102.3	.8	93.6	.7	103.3	.4	121.9	.2
11:45	1.0	87.8	.9	93.5	1.0	97.2	.7	83.2	.5
12:00	.3	97.4	1.4	106.1	1.2	108.6	1.1	97.2	.9
12:15	.3	110.1	.9	102.8	.7	131.0	.8	137.4	.5



## Daily Summary Report

Site: ORNL Sodar

4/24/2018

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	60.5	11.9	65.5	13.1	72.9	13.7	90.0	12.5	108.5
00:15	61.4	11.9	65.7	13.0	73.4	13.7	94.3	11.8	115.5
00:30	62.3	10.9	66.8	12.3	76.9	13.0	94.3	13.6	128.9
00:45	58.8	9.2	65.3	11.5	77.0	11.9	95.8	16.1	144.5
01:00	55.6	8.4	59.8	10.3	72.4	11.1	97.2	14.5	136.0
01:15	51.6	8.8	55.0	10.2	72.6	10.8	91.5	13.0	128.0
01:30	48.4	9.1	57.2	10.8	74.3	11.2	90.1	11.5	115.0
01:45	48.9	8.5	56.0	10.1	69.1	10.8	83.6	10.1	102.0
02:00	42.5	8.3	52.7	9.3	64.9	10.3	76.0	-999.9	-999.9
02:15	40.7	7.9	49.9	9.2	67.5	10.4	75.1	-999.9	-999.9
02:30	41.5	7.8	50.6	10.6	61.9	10.3	74.0	-999.9	-999.9
02:45	42.6	9.0	52.1	11.7	54.6	10.2	72.0	-999.9	-999.9
03:00	42.3	9.5	48.1	10.4	61.2	10.1	71.9	-999.9	-999.9
03:15	40.2	9.3	46.5	9.9	61.1	9.7	72.4	-999.9	-999.9
03:30	36.6	8.3	45.7	9.2	56.6	9.3	61.3	10.3	43.7
03:45	39.0	7.3	49.9	8.4	59.5	9.5	51.3	10.5	43.0
04:00	41.8	7.6	48.2	8.4	72.4	9.5	52.0	10.8	43.0
04:15	36.7	7.9	44.6	8.4	72.7	9.5	52.0	11.0	43.0
04:30	34.2	8.5	45.6	8.3	68.0	9.5	53.0	11.3	43.0
04:45	34.4	9.2	42.0	8.0	64.0	9.5	53.0	11.5	43.0
05:00	34.6	8.5	42.4	7.8	60.0	9.6	54.0	11.8	43.0
05:15	31.9	6.9	38.2	7.6	56.3	9.6	54.0	12.0	43.0
05:30	25.4	7.1	33.1	8.4	52.6	9.6	55.0	12.3	43.0
05:45	24.2	9.3	29.6	8.7	52.0	9.7	55.0	12.5	43.0
06:00	21.3	7.7	25.3	9.0	51.0	9.7	56.0	12.8	43.0
06:15	21.8	7.7	35.0	9.3	50.0	9.7	56.0	13.0	43.0
06:30	44.1	7.8	46.1	9.5	49.0	9.8	57.0	13.3	43.0
06:45	44.2	10.5	28.0	9.8	49.0	9.8	57.0	13.5	43.0
07:00	40.5	9.8	42.4	10.0	48.0	9.8	57.0	13.8	43.0
07:15	32.6	9.3	48.6	10.3	47.9	9.9	58.0	14.0	43.0
07:30	31.6	8.3	49.0	10.3	49.2	9.9	58.0	14.3	43.0
07:45	36.2	8.5	46.5	9.0	56.0	10.0	59.0	14.5	43.0
08:00	43.1	9.3	45.7	10.1	59.9	10.0	60.0	14.5	43.0
08:15	49.5	9.3	47.7	11.4	59.4	10.1	60.0	14.8	43.0
08:30	43.6	9.5	43.4	10.5	58.5	10.2	60.5	14.8	43.0
08:45	44.5	11.2	44.3	10.4	53.9	12.2	50.0	15.0	43.0
09:00	55.0	12.6	47.7	11.9	44.4	14.2	39.0	15.1	43.0
09:15	60.5	10.2	56.0	10.8	52.6	14.9	32.9	14.2	45.4
09:30	53.8	6.3	57.9	9.8	53.8	11.5	51.0	12.4	42.4
09:45	32.4	3.6	42.7	8.3	48.2	10.5	46.6	-999.9	-999.9
10:00	28.0	2.4	36.6	6.5	42.9	-999.9	-999.9	-999.9	-999.9
10:15	42.6	1.8	38.7	5.4	21.9	-999.9	-999.9	-999.9	-999.9
10:30	59.6	1.5	45.4	4.7	11.9	-999.9	-999.9	-999.9	-999.9
10:45	28.7	1.4	40.2	3.7	7.6	-999.9	-999.9	-999.9	-999.9
11:00	22.8	1.1	32.0	2.2	17.0	-999.9	-999.9	-999.9	-999.9
11:15	41.4	.5	67.8	1.1	70.3	-999.9	-999.9	-999.9	-999.9
11:30	89.0	.3	124.5	1.0	57.0	-999.9	-999.9	-999.9	-999.9
11:45	88.5	.2	121.4	.5	41.3	-999.9	-999.9	-999.9	-999.9
12:00	97.1	.6	97.6	1.5	123.3	-999.9	-999.9	-999.9	-999.9
12:15	142.0	.5	112.2	1.6	118.1	-999.9	-999.9	-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	-978.8	-976.2	-978.8	-976.2	-989.3	-988.0
Max	14.0	138.2	14.2	138.4	15.0	138.3
Hr. of Max	02	03	03	02	03	03
Min	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
Count	96	96	96	96	96	96
Total						