

## Daily Summary Report

Site: ORNL Sodar

4/23/2018

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	1.0	59.6	5.3	68.7	6.6	69.6	8.3	74.0	9.3
00:15	2.6	74.8	6.8	67.5	7.4	67.7	9.0	70.4	10.2
00:30	3.1	79.7	6.5	66.3	8.2	66.7	9.5	67.8	11.1
00:45	1.5	74.3	5.4	69.6	7.9	69.3	9.3	68.9	11.4
01:00	.7	287.0	4.5	77.0	6.8	70.5	8.7	70.2	10.9
01:15	.8	240.9	4.5	75.7	6.6	69.0	8.5	69.7	10.4
01:30	.5	64.7	3.8	78.3	5.6	69.8	7.5	69.5	9.8
01:45	2.1	83.6	3.4	86.1	4.7	70.7	6.8	69.4	9.3
02:00	1.6	79.5	4.0	79.6	5.6	70.1	7.2	68.3	9.2
02:15	1.4	72.0	5.0	65.9	7.3	65.3	8.4	65.1	9.8
02:30	1.2	65.0	4.8	65.5	6.8	65.5	8.2	65.0	9.6
02:45	1.1	56.7	4.3	75.1	5.5	71.5	6.9	70.4	8.7
03:00	1.7	71.4	4.3	73.6	5.5	72.4	6.9	72.4	9.0
03:15	1.6	48.8	4.6	67.0	6.8	64.4	8.5	67.1	9.8
03:30	1.3	63.1	5.0	66.9	7.3	59.4	8.9	63.9	10.1
03:45	2.6	74.4	5.5	65.8	7.7	58.7	9.6	61.7	11.0
04:00	2.6	63.8	6.2	65.4	8.9	61.7	10.4	64.1	11.8
04:15	.4	27.8	5.9	71.9	8.4	67.7	9.9	68.6	11.6
04:30	2.6	81.8	6.3	70.5	8.6	68.0	10.6	68.7	12.3
04:45	4.0	80.4	7.4	68.2	9.7	66.3	11.1	67.3	13.0
05:00	5.4	79.4	8.4	69.7	10.4	67.4	11.4	68.4	13.9
05:15	5.7	71.0	9.0	69.2	10.9	66.5	12.2	67.5	14.7
05:30	3.4	65.2	7.7	68.1	10.2	67.0	11.6	66.8	13.9
05:45	3.5	86.7	7.8	72.4	9.6	69.2	11.1	70.5	13.1
06:00	4.1	87.0	8.0	71.3	9.3	67.4	10.8	72.4	13.0
06:15	3.9	87.3	6.1	72.2	8.1	65.1	9.6	69.1	11.9
06:30	3.5	86.8	4.8	81.4	6.9	68.3	8.4	65.8	10.6
06:45	1.3	87.6	3.8	76.6	6.7	67.5	8.3	64.0	10.0
07:00	1.0	88.5	3.4	76.7	5.9	67.9	8.4	72.0	9.4
07:15	1.0	87.3	4.4	86.4	6.1	75.0	8.3	74.5	9.8
07:30	.7	80.1	4.0	87.5	5.2	71.9	7.3	68.6	8.3
07:45	.8	66.5	1.7	82.5	3.5	67.1	5.1	62.7	6.3
08:00	.6	49.7	.8	75.6	2.0	60.7	2.7	64.6	3.6
08:15	.7	68.2	2.4	83.8	2.6	61.6	3.4	64.2	4.9
08:30	.9	65.5	3.4	85.3	3.0	63.4	4.4	65.0	6.4
08:45	.6	65.6	1.6	85.9	2.4	66.9	4.1	72.1	6.6
09:00	1.2	94.4	2.1	82.7	2.9	75.1	5.3	74.6	7.6
09:15	1.4	97.4	2.5	82.1	3.7	75.8	6.0	72.4	8.1
09:30	1.5	89.8	1.9	83.6	3.9	71.0	5.5	74.5	7.9
09:45	.9	108.5	2.1	84.1	4.1	71.3	5.9	78.3	8.0
10:00	1.1	165.8	2.9	88.6	4.4	75.1	6.4	77.0	7.9
10:15	1.5	144.2	2.5	90.3	4.5	77.8	6.4	75.5	8.2
10:30	1.5	133.9	2.9	91.6	5.0	81.3	6.8	78.6	8.9
10:45	1.2	124.4	3.2	89.4	4.6	80.6	6.6	79.2	9.2
11:00	1.7	95.7	2.8	86.1	5.9	80.5	7.2	78.1	9.4
11:15	1.7	91.7	3.2	84.8	7.2	80.8	8.2	78.4	9.7
11:30	.5	119.5	3.8	85.1	6.8	82.2	8.8	81.3	10.5
11:45	.3	246.5	4.2	85.3	7.0	81.2	9.0	81.3	11.1
12:00	.8	89.0	4.2	84.2	7.7	79.1	9.2	78.2	10.9
12:15	3.0	86.4	3.5	79.9	6.9	78.1	8.8	76.9	10.3



## Daily Summary Report

Site: ORNL Sodar

4/23/2018

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	83.2	10.0	90.3	11.0	110.1	14.8	125.0	-999.9	-999.9
00:15	78.6	9.9	88.3	11.0	107.0	14.7	124.2	-999.9	-999.9
00:30	75.3	10.6	82.7	11.3	98.9	14.7	123.4	-999.9	-999.9
00:45	74.3	11.0	80.8	11.5	96.0	13.4	120.1	-999.9	-999.9
01:00	74.4	11.2	82.4	11.9	98.4	13.6	116.2	17.4	125.9
01:15	74.4	11.8	81.1	12.6	96.4	13.7	115.8	16.5	123.9
01:30	75.0	11.5	81.6	12.3	98.1	12.8	115.9	14.7	127.5
01:45	74.7	10.7	82.4	11.3	101.4	11.7	121.1	14.6	128.0
02:00	74.0	10.3	83.0	11.2	102.6	11.2	125.0	14.5	128.0
02:15	74.1	11.0	81.5	12.7	96.0	10.8	118.0	14.5	128.0
02:30	70.7	11.2	78.1	13.4	93.9	11.2	117.0	14.4	128.0
02:45	72.4	10.7	81.1	12.3	96.9	11.5	117.0	14.4	128.0
03:00	77.9	10.8	84.3	11.1	100.0	12.0	116.0	14.3	128.0
03:15	74.5	11.0	81.2	10.4	103.7	12.5	116.0	14.3	128.0
03:30	73.1	11.8	80.1	10.7	91.0	12.5	115.0	14.2	128.0
03:45	72.5	12.6	78.8	11.9	88.7	13.0	115.0	14.2	128.0
04:00	70.2	13.1	77.5	13.7	82.3	13.5	114.0	14.1	128.0
04:15	73.2	13.0	81.3	13.2	95.2	14.0	114.0	14.1	128.0
04:30	75.0	13.3	81.7	14.1	97.6	14.5	114.0	14.0	128.0
04:45	74.2	14.0	79.3	15.3	97.5	14.9	113.2	14.0	128.0
05:00	74.2	15.1	79.9	14.5	95.2	14.3	120.0	13.9	128.0
05:15	73.9	16.3	78.5	14.9	88.0	14.7	119.0	13.9	128.0
05:30	73.4	15.4	77.2	15.3	83.8	15.0	117.0	13.8	128.0
05:45	76.2	14.8	78.8	15.4	89.0	15.4	115.7	13.8	128.0
06:00	75.8	13.9	77.7	15.9	88.0	15.0	110.0	13.7	128.0
06:15	72.5	12.7	73.2	14.9	75.5	14.5	105.0	13.7	128.0
06:30	74.0	12.1	68.1	13.8	75.3	14.0	102.5	13.6	128.0
06:45	72.4	12.4	64.8	13.5	71.4	13.5	100.0	13.6	128.0
07:00	72.9	11.3	65.3	12.9	61.7	13.5	97.5	13.5	128.0
07:15	71.3	10.9	66.4	12.8	62.0	13.5	95.0	13.5	128.0
07:30	72.3	9.9	69.7	12.3	66.1	13.3	92.5	13.4	128.0
07:45	75.7	7.8	73.3	10.3	81.1	13.0	90.0	13.4	128.0
08:00	67.6	7.0	79.4	10.3	90.2	12.9	88.3	13.3	128.0
08:15	68.8	9.2	76.7	11.8	76.0	13.7	87.2	13.3	128.0
08:30	74.9	10.1	74.8	11.2	76.9	12.8	88.2	13.2	128.0
08:45	83.5	9.8	81.2	10.4	78.9	10.4	95.2	13.2	128.0
09:00	78.9	10.2	79.5	12.4	81.1	10.5	100.0	13.1	128.0
09:15	73.4	10.0	79.2	12.5	82.6	10.5	104.0	13.1	128.0
09:30	77.3	9.4	81.8	11.2	92.6	10.5	108.0	13.0	128.0
09:45	78.7	9.7	80.1	10.8	88.9	10.6	112.0	13.0	128.0
10:00	77.7	9.8	76.2	10.4	87.5	10.6	116.0	12.9	128.0
10:15	75.8	9.9	75.3	10.1	86.1	10.7	120.0	12.9	128.0
10:30	77.8	10.4	79.2	10.1	87.3	10.7	123.0	12.8	128.0
10:45	80.0	10.3	83.0	10.1	108.7	10.8	126.9	12.7	128.4
11:00	79.2	10.1	85.8	10.5	107.3	12.2	130.5	13.0	126.9
11:15	81.7	10.4	87.5	12.4	108.2	13.2	125.6	12.9	126.2
11:30	84.3	11.0	88.3	12.8	124.3	13.4	125.4	13.6	124.6
11:45	82.8	12.7	88.5	13.0	110.0	14.0	126.0	13.6	125.0
12:00	79.6	12.3	83.6	13.3	90.0	14.0	126.0	13.8	127.0
12:15	78.7	11.5	79.5	13.5	71.2	14.5	127.0	14.0	128.0





	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	-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	14.9	47.0	-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	-947.0	-941.9	-968.1	-964.6	-999.9	-999.9
Max	16.2	131.2	17.2	131.0	-999.9	-999.9
Hr. of Max	43	45	44	45	95	95
Min	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
Count	96	96	96	96	96	96
Total						