

## Daily Summary Report

Site: ORNL Sodar

4/14/2019

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	77.8	5.0	72.1	7.1	69.8	9.2	72.0	11.7
00:15	3.2	81.3	5.3	75.3	7.2	71.4	9.2	74.2	11.4
00:30	3.0	81.4	4.8	69.5	6.7	69.1	8.8	72.6	10.6
00:45	3.0	90.0	4.8	66.1	6.6	67.7	8.4	73.0	10.3
01:00	2.3	80.1	4.8	69.2	6.5	71.6	8.3	78.0	10.3
01:15	3.0	90.0	3.9	71.7	5.8	75.1	7.6	81.0	9.4
01:30	1.6	79.0	3.2	69.8	4.7	73.5	6.6	81.4	8.1
01:45	4.2	84.8	2.9	67.2	4.1	73.3	5.8	84.1	7.3
02:00	2.9	89.0	2.8	69.1	4.0	76.1	5.4	94.4	7.0
02:15	1.1	73.0	2.5	79.0	3.8	86.8	5.1	117.7	7.2
02:30	1.0	50.1	3.0	90.0	4.2	122.1	5.2	136.1	7.9
02:45	2.5	107.0	3.5	113.0	4.2	126.1	5.4	142.6	8.5
03:00	2.7	116.0	3.3	120.8	4.2	137.8	6.0	151.4	9.1
03:15	2.0	120.0	3.0	132.0	3.9	145.9	5.8	156.2	9.2
03:30	2.0	141.0	3.1	148.9	4.1	157.0	5.8	164.7	9.5
03:45	2.0	149.0	3.0	155.4	4.9	168.2	7.1	173.8	10.4
04:00	-999.9	-999.9	3.2	164.3	5.8	170.5	8.5	174.2	11.4
04:15	-999.9	-999.9	4.3	169.6	7.0	173.0	9.5	174.7	12.2
04:30	-999.9	-999.9	5.7	176.4	8.2	176.8	10.0	177.9	11.8
04:45	-999.9	-999.9	6.2	180.2	8.8	178.4	10.6	179.0	12.1
05:00	-999.9	-999.9	6.5	177.7	8.5	176.4	10.5	178.0	11.9
05:15	-999.9	-999.9	6.9	177.7	8.5	175.8	10.1	177.3	10.8
05:30	-999.9	-999.9	7.3	180.0	8.9	177.6	10.7	177.0	11.3
05:45	-999.9	-999.9	6.8	178.1	8.7	174.5	11.1	173.8	11.4
06:00	-999.9	-999.9	6.3	182.2	7.3	174.5	9.8	173.4	10.0
06:15	-999.9	-999.9	6.3	180.9	7.5	179.0	9.8	177.2	10.3
06:30	-999.9	-999.9	6.3	180.2	8.4	179.9	10.7	178.3	10.8
06:45	-999.9	-999.9	6.4	183.2	9.2	182.4	12.0	179.9	11.9
07:00	-999.9	-999.9	6.7	188.3	9.6	184.1	11.8	181.5	13.3
07:15	-999.9	-999.9	6.9	192.4	9.5	184.0	10.7	182.5	13.3
07:30	3.5	182.4	6.4	189.4	8.4	183.7	9.2	184.8	11.4
07:45	2.3	180.6	5.4	183.3	7.8	185.1	9.0	185.9	10.1
08:00	5.0	179.0	4.9	178.6	7.4	182.0	9.2	182.3	10.8
08:15	6.2	178.9	5.2	181.0	7.5	179.6	9.6	180.8	11.4
08:30	5.5	190.0	6.2	197.8	7.9	189.1	9.6	187.9	11.2
08:45	4.9	200.8	7.7	207.9	8.3	202.0	9.2	199.4	10.8
09:00	4.6	204.4	7.5	210.4	8.6	205.8	9.7	203.4	10.8
09:15	3.4	218.0	6.6	215.7	8.1	206.0	9.9	202.8	11.8
09:30	3.1	221.4	5.0	212.1	6.4	205.8	7.6	202.0	9.8
09:45	2.0	221.1	3.3	211.5	4.9	200.3	5.8	196.4	7.8
10:00	1.4	249.7	2.1	211.0	3.3	206.4	4.5	194.7	6.7
10:15	1.0	266.2	1.1	212.7	1.7	211.8	2.8	189.1	3.5
10:30	.4	162.3	1.5	174.3	2.6	179.1	3.8	178.6	5.1
10:45	1.3	162.4	3.1	169.9	3.9	173.3	5.2	175.7	6.8
11:00	1.2	178.3	3.3	177.5	4.1	180.6	5.9	179.0	7.6
11:15	1.8	182.3	2.8	184.5	3.9	185.5	5.5	183.5	7.6
11:30	2.6	182.6	3.5	197.5	5.4	190.5	6.8	188.7	8.9
11:45	4.3	182.0	5.4	192.8	7.7	189.4	9.6	187.7	11.2
12:00	5.3	181.0	6.3	191.4	8.1	184.0	10.4	182.9	12.2
12:15	6.5	180.0	6.7	187.0	9.2	178.9	11.1	178.5	12.9
12:30	7.0	180.0	7.7	179.8	10.4	176.2	10.7	174.7	12.2



## Daily Summary Report

Site: ORNL Sodar

4/14/2019

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	83.7	12.8	89.4	12.2	107.8	10.8	125.1	13.0	132.6
00:15	85.2	12.7	91.5	11.9	111.9	11.4	127.1	13.2	136.3
00:30	85.1	11.8	94.7	11.2	117.8	11.6	132.0	13.2	144.6
00:45	87.4	11.3	100.1	11.0	124.9	11.8	136.3	13.6	145.9
01:00	92.7	10.8	108.3	11.2	132.6	12.9	138.4	-999.9	-999.9
01:15	99.1	9.5	117.1	11.2	137.2	12.8	140.5	-999.9	-999.9
01:30	105.0	8.6	126.2	10.7	141.5	11.7	138.8	-999.9	-999.9
01:45	110.8	8.4	132.3	10.9	146.8	11.7	139.6	-999.9	-999.9
02:00	122.1	8.7	140.8	11.1	152.4	12.2	155.3	-999.9	-999.9
02:15	141.5	9.3	157.1	12.5	165.1	13.4	162.8	-999.9	-999.9
02:30	153.5	10.2	165.9	14.8	170.0	16.6	166.1	-999.9	-999.9
02:45	158.2	11.3	167.8	15.7	171.3	18.6	178.3	-999.9	-999.9
03:00	164.7	12.2	171.0	15.7	174.3	18.2	179.0	-999.9	-999.9
03:15	169.3	12.7	173.8	16.2	174.7	17.8	179.0	-999.9	-999.9
03:30	173.9	12.6	177.3	16.2	176.7	17.5	180.0	-999.9	-999.9
03:45	178.0	12.6	179.2	15.1	179.4	17.2	180.0	-999.9	-999.9
04:00	177.7	13.4	178.9	15.1	178.4	16.9	180.0	-999.9	-999.9
04:15	177.2	13.4	178.6	15.5	179.3	16.6	181.0	-999.9	-999.9
04:30	179.7	13.3	180.5	16.3	181.5	16.3	181.0	-999.9	-999.9
04:45	181.1	13.7	181.5	16.6	182.0	16.0	181.0	-999.9	-999.9
05:00	179.5	12.7	179.4	15.6	180.4	15.0	182.0	-999.9	-999.9
05:15	177.4	12.0	178.0	15.0	181.0	14.0	182.0	-999.9	-999.9
05:30	178.5	11.6	177.8	14.1	180.9	13.0	183.0	-999.9	-999.9
05:45	175.6	11.8	175.2	12.9	175.8	12.5	183.0	-999.9	-999.9
06:00	175.2	10.3	176.9	12.5	176.0	12.0	183.0	-999.9	-999.9
06:15	178.6	10.3	180.4	12.7	182.0	11.6	183.7	-999.9	-999.9
06:30	179.6	11.2	178.8	12.0	179.6	12.2	197.2	-999.9	-999.9
06:45	182.2	11.6	180.7	12.4	184.8	13.2	204.0	-999.9	-999.9
07:00	182.9	12.2	181.9	13.5	195.3	14.6	217.4	-999.9	-999.9
07:15	181.5	12.2	180.2	12.4	202.1	14.4	215.3	-999.9	-999.9
07:30	182.1	11.0	182.0	12.0	198.0	14.5	215.0	-999.9	-999.9
07:45	184.3	10.8	183.4	11.3	193.9	14.8	215.0	-999.9	-999.9
08:00	181.2	11.1	182.8	11.6	190.1	15.0	215.0	-999.9	-999.9
08:15	180.2	12.1	181.6	12.2	184.7	15.4	215.0	-999.9	-999.9
08:30	185.7	11.6	186.0	12.5	193.8	15.8	215.1	15.9	219.2
08:45	200.3	10.3	200.1	13.5	208.2	13.5	216.0	14.1	223.9
09:00	208.8	10.6	200.4	14.0	202.0	14.0	210.0	14.5	218.0
09:15	200.2	11.3	197.9	14.5	196.0	14.0	205.0	15.0	212.0
09:30	199.8	10.0	193.9	15.0	192.0	14.5	200.0	15.5	206.0
09:45	194.2	10.2	189.7	15.3	186.3	14.5	195.0	16.0	200.0
10:00	188.4	8.7	186.8	14.9	183.3	15.0	190.0	17.0	195.0
10:15	185.7	5.7	182.7	11.0	183.3	15.5	185.0	18.0	190.0
10:30	173.0	7.8	176.2	11.8	175.4	16.0	180.0	18.5	184.0
10:45	172.4	9.1	175.1	13.2	174.9	16.5	175.5	19.0	176.1
11:00	178.7	9.7	178.8	12.9	178.5	14.5	176.6	18.2	178.4
11:15	182.2	9.8	181.2	12.1	181.8	13.9	181.9	18.2	188.0
11:30	186.6	10.9	185.3	13.2	188.0	14.4	194.1	-999.9	-999.9
11:45	186.7	12.8	186.6	14.9	186.7	15.4	193.4	-999.9	-999.9
12:00	182.4	12.8	182.7	13.0	184.0	15.6	194.0	-999.9	-999.9
12:15	179.9	13.2	178.2	11.0	182.0	15.9	195.0	-999.9	-999.9
12:30	176.7	12.3	175.5	10.2	180.4	16.2	196.0	-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
12:45	-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	15.1	303.1	-999.9	-999.9	-999.9	-999.9
22:45	15.0	300.0	-999.9	-999.9	-999.9	-999.9
23:00	14.8	297.0	-999.9	-999.9	-999.9	-999.9
23:15	14.5	294.0	-999.9	-999.9	-999.9	-999.9
23:30	14.3	291.0	-999.9	-999.9	-999.9	-999.9
23:45	14.0	288.0	-999.9	-999.9	-999.9	-999.9
Avg	-883.7	-859.1	-999.9	-999.9	-999.9	-999.9
Max	15.1	303.1	-999.9	-999.9	-999.9	-999.9
Hr. of Max	90	90	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						