

## Daily Summary Report

Site: ORNL Sodar

4/13/2018

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	2.9	189.0	4.4	199.1	6.7	197.5	9.1	195.6	12.0
00:15	3.1	190.7	3.8	197.1	6.3	196.0	8.9	193.4	11.4
00:30	2.9	201.2	4.0	194.4	6.2	194.1	8.4	192.9	11.5
00:45	3.0	196.4	4.6	194.4	6.6	194.6	8.7	194.1	11.6
01:00	2.4	197.3	4.1	196.8	6.4	197.1	8.4	195.9	11.1
01:15	2.3	199.9	3.8	195.9	5.8	198.5	7.7	195.5	10.5
01:30	4.7	183.5	3.7	192.0	5.8	198.9	7.5	195.4	10.2
01:45	4.3	180.5	3.7	194.4	5.8	198.2	7.9	194.7	10.3
02:00	2.5	197.3	4.0	197.1	6.1	197.5	8.4	194.3	10.9
02:15	5.4	192.0	4.7	197.3	7.2	196.2	9.3	194.7	12.0
02:30	4.6	199.5	5.7	199.2	8.4	193.7	10.5	192.5	13.2
02:45	4.4	203.8	5.5	197.6	8.4	193.8	10.5	192.7	13.4
03:00	4.1	205.9	5.3	200.8	7.9	199.2	10.1	195.3	12.9
03:15	4.1	210.5	5.6	205.2	7.8	201.8	9.8	197.5	12.6
03:30	4.4	215.1	5.8	206.0	7.9	200.5	9.5	199.3	12.7
03:45	3.0	222.1	5.5	204.9	7.7	201.1	9.4	200.1	12.3
04:00	3.0	221.0	4.7	203.4	7.0	201.5	8.9	198.6	11.7
04:15	3.2	207.1	4.7	205.1	6.7	202.1	8.6	198.5	11.7
04:30	2.4	223.3	4.8	204.2	6.5	202.1	8.4	200.4	11.2
04:45	2.2	221.9	4.4	204.8	6.0	201.0	7.7	200.0	10.5
05:00	2.7	201.8	4.0	201.0	5.7	199.5	7.5	197.3	10.0
05:15	2.9	197.6	3.8	195.2	5.6	200.4	7.3	197.8	9.9
05:30	3.6	206.6	3.5	206.0	5.2	207.3	6.7	202.7	9.5
05:45	3.0	214.4	3.9	219.6	5.2	214.4	6.6	207.9	9.1
06:00	2.7	207.0	3.7	219.1	5.2	213.4	7.0	208.8	9.3
06:15	2.1	209.2	3.1	216.1	4.8	210.3	6.9	206.5	9.3
06:30	2.4	207.1	3.2	219.4	4.8	212.6	6.8	208.1	9.6
06:45	2.1	211.1	3.6	214.9	5.3	210.8	7.4	206.8	9.9
07:00	2.5	212.1	4.1	210.9	6.2	207.6	8.1	203.9	10.6
07:15	3.1	210.4	4.7	210.5	7.1	207.9	8.9	204.4	11.6
07:30	4.9	210.2	5.5	207.6	7.8	206.6	9.6	205.3	12.3
07:45	5.0	213.0	5.2	208.0	7.3	208.6	8.9	207.9	11.3
08:00	4.9	211.8	4.6	213.1	6.7	212.6	8.2	210.6	10.3
08:15	4.9	208.7	5.0	213.1	6.3	210.7	8.0	209.0	10.0
08:30	4.3	206.3	4.3	211.2	6.0	209.5	7.6	207.4	9.5
08:45	4.2	198.7	3.8	211.5	5.8	208.7	7.3	208.2	8.7
09:00	2.3	188.2	3.3	205.3	5.3	205.4	6.7	207.4	8.6
09:15	1.2	178.1	2.7	199.9	4.3	200.1	6.0	201.1	9.2
09:30	.9	193.6	2.6	195.0	4.0	194.7	5.5	196.8	7.3
09:45	1.2	205.2	3.2	192.0	5.5	193.0	6.0	196.0	7.0
10:00	1.4	205.1	3.8	199.6	6.4	192.3	6.7	193.5	8.0
10:15	1.3	202.7	3.8	206.3	5.2	190.0	6.5	190.1	7.6
10:30	1.6	197.4	5.1	201.1	5.1	196.8	6.6	195.5	7.0
10:45	1.7	203.9	5.7	207.6	6.0	207.0	6.7	204.8	7.4
11:00	3.4	203.7	6.6	219.3	7.5	211.7	7.7	206.4	9.0
11:15	4.7	203.0	8.9	207.9	8.8	209.8	8.8	205.5	10.7
11:30	3.4	201.7	8.4	206.3	9.7	210.2	11.4	210.5	13.4
11:45	4.5	205.4	7.9	212.2	10.4	209.8	11.8	206.9	13.8
12:00	5.8	214.7	7.8	211.6	9.3	214.8	9.5	206.6	11.0
12:15	5.1	200.6	8.6	207.2	8.7	215.6	8.9	211.3	11.8



## Daily Summary Report

Site: ORNL Sodar

4/13/2018

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	194.4	13.4	186.9	12.0	198.0	13.4	209.6	14.3	221.7
00:15	191.1	13.4	181.3	11.5	196.0	13.3	209.8	14.3	221.4
00:30	190.4	11.8	188.2	11.0	193.0	13.3	209.9	14.3	221.2
00:45	192.5	11.6	191.4	10.5	190.0	13.3	210.1	14.3	220.9
01:00	193.9	12.5	190.7	10.0	187.0	13.3	210.2	14.3	220.7
01:15	194.7	12.6	192.1	9.9	183.6	13.3	210.4	14.3	220.4
01:30	194.8	12.4	192.8	8.8	186.3	13.3	210.5	14.3	220.2
01:45	194.3	12.8	192.0	10.1	184.9	13.3	210.7	14.3	219.9
02:00	193.8	13.4	190.5	12.1	185.5	13.3	210.8	14.3	219.7
02:15	193.0	14.3	190.9	13.6	191.7	13.3	211.0	14.3	219.4
02:30	190.9	15.3	189.9	18.4	193.7	13.3	211.1	14.3	219.2
02:45	191.0	15.1	189.6	19.1	196.6	13.3	211.3	14.3	218.9
03:00	193.1	14.7	192.2	18.9	198.4	13.2	211.4	14.3	218.7
03:15	194.5	14.9	194.0	18.8	200.4	13.2	211.6	14.3	218.5
03:30	196.2	15.4	196.7	18.8	202.7	13.2	211.7	14.3	218.3
03:45	197.4	15.2	198.3	17.3	204.6	13.2	211.9	14.3	218.1
04:00	196.2	15.0	195.9	16.4	203.6	13.2	212.0	14.3	217.9
04:15	196.2	14.9	195.2	16.2	201.7	13.2	212.2	14.3	217.7
04:30	196.9	14.1	196.3	16.1	202.2	13.2	212.3	14.3	217.5
04:45	196.3	13.1	196.3	16.9	199.1	13.2	212.5	14.3	217.3
05:00	195.6	12.9	195.2	16.9	201.4	13.2	212.6	14.3	217.1
05:15	196.2	12.8	195.3	16.0	204.9	13.1	218.0	14.3	216.9
05:30	197.7	12.0	197.1	14.8	206.3	12.1	219.5	14.1	211.0
05:45	199.8	11.5	198.9	14.7	203.4	12.3	219.0	14.3	212.0
06:00	199.4	11.7	200.4	14.9	205.1	12.5	219.0	14.5	213.0
06:15	200.0	11.8	201.8	12.4	206.6	12.5	218.0	14.5	214.0
06:30	202.6	11.4	202.9	10.2	197.1	12.8	218.0	14.8	215.0
06:45	203.1	11.6	204.8	11.0	210.0	12.8	218.0	14.8	216.0
07:00	203.8	12.7	206.4	11.3	224.4	13.0	217.0	15.0	216.0
07:15	205.8	13.5	205.5	12.7	222.9	13.3	217.0	15.0	217.0
07:30	206.2	14.1	205.9	13.3	218.0	13.5	217.0	15.3	218.0
07:45	207.6	13.0	210.0	14.0	216.0	13.8	217.0	15.5	219.0
08:00	209.8	12.0	211.5	14.4	214.7	14.0	217.0	15.8	220.0
08:15	208.1	11.9	208.9	15.2	207.9	14.3	216.4	16.0	220.0
08:30	206.3	11.6	206.0	15.1	210.2	14.6	223.2	16.3	221.0
08:45	203.4	11.1	206.9	14.4	214.6	15.9	221.9	16.5	221.0
09:00	202.8	10.7	213.2	13.1	220.1	16.2	215.5	16.6	221.3
09:15	197.3	9.7	205.0	11.0	210.0	14.6	221.7	15.8	221.7
09:30	188.8	10.2	190.1	11.0	205.0	13.4	215.0	14.8	218.0
09:45	184.8	9.7	188.0	11.0	200.0	12.3	209.0	14.0	216.0
10:00	187.6	8.5	193.5	10.2	211.1	14.6	217.0	13.5	217.4
10:15	191.6	8.0	198.2	10.8	217.4	12.2	216.9	12.5	217.9
10:30	200.5	8.6	206.5	10.5	216.8	12.5	223.5	13.0	218.0
10:45	208.0	9.2	213.2	9.6	214.1	13.8	223.7	13.5	218.0
11:00	211.4	9.7	214.7	11.1	220.2	12.6	222.3	14.0	218.8
11:15	207.9	10.2	207.8	12.8	219.7	12.5	222.7	-999.9	-999.9
11:30	210.9	14.2	204.2	15.5	214.3	14.3	221.0	-999.9	-999.9
11:45	205.0	15.7	210.1	16.1	214.7	16.2	220.1	-999.9	-999.9
12:00	204.3	13.1	211.5	16.7	218.3	15.0	220.0	-999.9	-999.9
12:15	215.4	11.1	212.3	15.2	219.2	13.6	220.4	-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	-936.5	-923.8	-936.5	-923.6	-936.4	-923.6
Max	15.6	223.5	15.3	226.3	16.7	222.7
Hr. of Max	37	36	39	41	41	36
Min	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
Count	96	96	96	96	96	96
Total						