

## Daily Summary Report

Site: ORNL Sodar

4/30/2019

Interval: 015m

	04_WS060m	05_WDir060m	06_WS100m	07_WDir100m	08_WS140m	09_WDir140m	10_WS180m	11_WDir180m	12_WS240m
Time	M/SEC	DEG	M/SEC	DEG	KPH	DEG	M/SEC	DEG	M/SEC
00:00	2.1	212.2	4.1	217.2	5.5	206.1	7.0	201.6	9.3
00:15	2.4	202.0	4.2	216.7	5.4	205.9	6.8	201.9	8.9
00:30	2.6	216.0	4.3	213.0	5.5	205.7	7.0	202.5	9.8
00:45	3.7	200.0	4.4	213.6	5.9	206.8	7.7	203.4	10.5
01:00	3.0	228.0	4.5	212.0	6.4	208.4	8.1	203.5	10.8
01:15	3.0	220.0	4.7	211.1	6.4	207.7	8.2	202.9	10.6
01:30	3.0	230.0	4.2	216.1	6.2	207.9	7.8	203.4	9.8
01:45	1.4	247.1	3.1	224.1	4.6	215.3	6.2	210.8	8.7
02:00	1.2	235.6	2.5	223.6	3.2	216.9	5.0	217.3	8.3
02:15	1.1	245.0	2.1	225.7	3.1	213.6	4.6	214.9	7.8
02:30	1.1	255.6	2.7	243.1	3.5	225.1	4.8	218.1	7.3
02:45	1.0	233.0	3.0	236.3	4.4	224.8	5.8	217.8	8.2
03:00	1.0	259.8	2.9	242.4	4.7	231.2	5.8	223.9	7.5
03:15	1.6	282.3	3.3	265.6	4.1	244.9	5.1	235.9	6.4
03:30	1.4	280.2	3.2	272.3	3.5	250.5	4.6	239.8	4.5
03:45	.8	255.9	2.4	255.2	3.1	241.2	4.2	231.7	4.4
04:00	.7	200.3	1.7	207.7	3.4	224.3	4.8	217.5	5.6
04:15	1.1	189.9	2.3	195.8	4.1	214.5	5.5	203.0	8.3
04:30	1.5	180.0	3.1	206.3	4.8	207.9	6.3	197.8	8.3
04:45	2.2	185.0	3.1	203.1	5.0	205.5	6.6	201.0	8.1
05:00	2.0	182.7	2.3	204.0	4.2	207.5	6.2	202.7	8.6
05:15	1.1	183.4	1.7	218.4	3.3	217.0	5.4	206.6	8.1
05:30	.7	226.3	1.5	250.5	2.7	233.5	4.3	216.1	6.9
05:45	.7	281.4	1.9	278.8	2.1	250.7	3.1	231.3	5.2
06:00	.8	273.0	2.1	270.7	2.2	245.0	3.3	234.2	5.6
06:15	.9	254.3	2.5	266.0	3.0	243.1	4.0	232.4	6.4
06:30	.9	252.6	2.5	271.6	2.8	249.7	3.9	234.5	6.2
06:45	.8	255.0	2.1	266.8	2.4	249.6	3.8	235.6	6.0
07:00	.8	267.1	2.0	265.5	2.6	253.4	4.0	239.6	6.0
07:15	.5	257.0	1.6	265.9	2.4	252.1	3.5	238.5	4.4
07:30	.3	204.6	.3	236.6	1.6	241.5	2.6	232.5	4.3
07:45	.2	129.3	.5	257.2	1.7	252.9	3.0	241.2	5.7
08:00	.3	99.6	.7	240.9	1.6	238.2	3.5	230.7	6.2
08:15	.4	140.3	.9	191.7	2.2	210.8	4.2	215.1	6.7
08:30	.9	183.7	1.9	186.6	3.2	198.6	5.0	204.2	6.8
08:45	1.0	191.1	1.8	189.0	2.9	197.7	4.2	204.5	5.8
09:00	.4	239.5	.7	222.6	1.4	217.1	2.6	220.5	4.5
09:15	.4	295.1	.2	356.0	.7	262.1	1.6	233.8	3.3
09:30	.3	321.1	.4	314.7	.7	232.4	1.4	215.8	2.7
09:45	.4	283.5	.1	284.3	1.2	209.0	2.0	197.7	3.0
10:00	.7	249.1	.5	187.6	1.1	222.4	2.3	204.7	3.2
10:15	.7	246.5	.4	234.0	.8	273.8	1.4	232.6	2.1
10:30	.5	255.6	.8	282.7	1.0	277.8	.9	293.2	1.5
10:45	.5	233.2	1.2	262.2	1.0	269.4	1.5	290.0	1.8
11:00	.4	215.0	.8	270.1	.6	268.4	2.0	285.0	2.0
11:15	.9	263.2	1.3	265.2	1.0	264.0	2.0	280.0	2.0
11:30	1.3	258.8	1.7	243.7	2.1	256.2	2.6	275.4	2.3
11:45	.6	226.3	2.0	247.4	2.2	264.5	2.8	265.3	2.5
12:00	.7	176.0	2.6	259.7	1.9	250.2	2.1	247.8	2.7
12:15	1.3	240.0	2.6	240.1	2.8	227.7	2.9	226.1	2.7
12:30	1.7	223.6	3.7	222.5	3.6	241.7	3.5	238.3	4.0



## Daily Summary Report

Site: ORNL Sodar

4/30/2019

Interval: 015m

	13_WDir240m	14_WS300m	15_WDir300m	16_WS400m	17_WDir400m	18_WS500m	19_WDir500m	20_WS600m	21_WDir600m
Time	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	195.3	10.9	196.2	10.5	191.0	12.8	224.0	13.3	228.0
00:15	196.6	11.4	195.7	11.0	192.0	13.0	224.0	13.5	228.0
00:30	198.1	11.9	195.0	11.5	192.7	13.3	224.0	13.8	229.0
00:45	198.4	12.6	195.5	13.0	205.0	13.5	224.0	14.0	229.0
01:00	197.0	13.2	195.2	14.1	218.5	14.0	224.0	14.3	229.0
01:15	196.2	13.2	195.5	13.5	221.4	14.3	223.5	14.7	228.8
01:30	198.0	11.9	198.0	13.4	220.0	14.0	224.0	14.7	228.0
01:45	201.0	10.7	200.5	13.4	219.0	14.0	224.0	14.7	228.0
02:00	201.9	10.7	203.0	13.4	217.0	14.0	224.0	14.7	228.0
02:15	199.5	10.8	205.5	13.4	215.7	13.7	224.6	14.7	228.4
02:30	202.4	9.7	196.4	12.0	213.0	13.8	224.6	14.6	229.0
02:45	205.2	10.2	201.4	11.0	210.0	13.8	224.6	14.6	229.0
03:00	207.5	10.0	200.7	10.5	208.1	13.8	224.6	14.6	229.0
03:15	211.5	9.4	202.1	10.3	193.4	13.8	224.6	14.6	229.0
03:30	216.2	7.9	205.8	9.6	182.1	13.8	224.6	14.6	229.0
03:45	211.6	8.9	192.6	9.2	183.8	13.8	224.6	14.6	229.0
04:00	192.0	10.3	182.3	9.7	185.4	13.8	224.6	14.6	229.0
04:15	185.3	9.0	190.5	10.5	200.0	13.8	224.6	14.6	229.0
04:30	185.7	8.5	194.9	12.2	215.7	13.8	224.6	14.6	229.0
04:45	192.0	9.4	197.4	10.3	190.0	13.8	224.6	14.6	229.0
05:00	197.0	10.1	194.9	11.0	197.0	13.8	224.6	14.6	229.0
05:15	199.2	9.5	191.9	12.0	207.0	13.8	224.6	14.6	229.0
05:30	207.6	9.6	211.4	13.0	217.0	13.8	224.6	14.6	229.0
05:45	220.4	8.1	214.1	13.8	227.9	13.8	224.6	14.6	229.0
06:00	222.2	8.1	216.6	15.2	230.8	14.0	224.7	14.5	230.6
06:15	217.7	9.1	214.3	14.0	228.0	14.3	224.8	15.0	227.4
06:30	217.8	8.5	211.4	13.5	227.0	14.7	226.0	15.0	225.0
06:45	222.0	9.1	217.6	13.5	227.0	14.7	226.0	15.0	225.0
07:00	228.9	11.2	215.9	13.0	226.0	14.7	226.0	15.0	225.0
07:15	226.8	11.0	218.0	13.0	225.0	14.7	226.0	15.0	225.0
07:30	221.3	11.0	221.0	12.5	225.0	14.7	226.0	15.0	225.0
07:45	226.3	10.3	224.3	12.5	224.0	14.7	226.0	15.0	225.0
08:00	220.2	10.6	223.2	12.0	224.0	14.7	226.0	15.0	225.0
08:15	212.4	9.2	217.8	12.0	223.0	14.7	226.0	15.0	225.0
08:30	203.2	8.4	205.7	11.5	222.0	14.7	226.0	15.0	225.0
08:45	206.0	7.9	203.9	11.5	221.0	14.7	226.0	15.0	225.0
09:00	214.0	6.8	206.2	11.0	220.0	14.7	226.0	15.0	225.0
09:15	216.6	5.5	207.4	11.0	219.0	14.7	226.0	15.0	225.0
09:30	207.6	4.6	206.8	11.0	218.0	14.7	226.0	15.0	225.0
09:45	200.7	5.3	204.3	10.5	218.0	14.7	226.0	15.0	225.0
10:00	206.7	5.7	209.1	10.5	217.3	15.5	227.7	15.4	222.1
10:15	220.2	4.4	210.4	9.4	210.1	14.5	223.0	16.0	219.5
10:30	225.0	4.0	197.0	9.0	204.0	-999.9	-999.9	-999.9	-999.9
10:45	227.0	-999.9	-999.9	8.8	208.0	-999.9	-999.9	-999.9	-999.9
11:00	230.0	-999.9	-999.9	8.5	212.0	-999.9	-999.9	-999.9	-999.9
11:15	232.0	-999.9	-999.9	8.3	216.0	-999.9	-999.9	-999.9	-999.9
11:30	235.0	-999.9	-999.9	8.0	220.0	-999.9	-999.9	-999.9	-999.9
11:45	237.0	-999.9	-999.9	7.8	223.0	-999.9	-999.9	-999.9	-999.9
12:00	239.0	-999.9	-999.9	7.5	226.0	-999.9	-999.9	-999.9	-999.9
12:15	240.4	-999.9	-999.9	7.3	229.0	-999.9	-999.9	-999.9	-999.9
12:30	225.4	-999.9	-999.9	7.0	232.0	-999.9	-999.9	-999.9	-999.9





	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Time	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	-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
<b>Avg</b>	-555.8	132.0	-894.2	85.0	-947.1	83.0
<b>Max</b>	17.1	229.6	15.2	225.0	14.6	227.6
<b>Max Time</b>	10:15	06:00	02:15	02:15	02:15	01:15
<b>Min</b>	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
<b>Count</b>	96	96	96	96	96	96
<b>Total</b>						