

## Daily Summary Report

Site: ORNL Sodar

6/24/2018

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	1.9	197.4	2.5	217.9	3.5	223.5	5.7	222.1	7.8
00:15	1.9	199.9	2.5	219.7	3.7	225.0	5.8	222.9	8.1
00:30	1.7	205.1	2.5	214.5	3.9	221.7	5.4	219.5	7.3
00:45	1.6	201.5	2.4	219.1	3.6	215.6	4.8	212.5	6.6
01:00	.8	207.5	2.0	222.6	2.9	216.2	4.1	215.2	6.2
01:15	.8	196.8	1.8	221.4	2.8	219.7	4.1	221.1	6.5
01:30	1.0	205.0	1.7	224.0	2.8	222.6	4.2	223.3	6.6
01:45	.8	211.4	1.3	221.1	2.7	225.3	3.8	222.8	5.9
02:00	.4	226.0	1.3	228.0	2.5	227.6	3.8	223.4	5.9
02:15	.3	252.4	1.4	234.9	2.3	230.8	3.8	225.2	6.1
02:30	.2	241.9	.7	250.1	1.7	235.1	3.1	222.8	5.8
02:45	1.4	178.9	.8	224.9	1.8	221.4	3.4	212.3	6.1
03:00	1.5	184.0	2.4	214.6	3.5	213.5	5.0	210.1	7.3
03:15	2.8	206.5	3.6	223.6	4.7	218.1	6.4	215.3	8.3
03:30	2.8	232.4	3.8	239.3	4.4	229.7	6.0	225.9	7.4
03:45	2.1	256.0	3.6	248.4	4.2	244.2	5.5	240.9	6.9
04:00	1.5	260.2	2.9	251.6	4.1	248.7	5.5	246.0	7.1
04:15	1.5	262.1	2.5	257.0	3.9	252.5	5.2	247.1	6.8
04:30	3.7	262.2	3.1	255.0	4.5	248.3	5.9	242.8	7.6
04:45	1.6	252.4	3.1	252.4	4.3	242.0	6.0	239.3	8.0
05:00	1.3	236.3	3.0	245.1	4.1	236.6	5.8	234.4	7.9
05:15	1.2	226.9	2.6	233.1	3.9	227.0	5.5	225.4	7.4
05:30	1.6	238.4	2.8	221.8	4.0	223.1	5.5	222.6	7.8
05:45	2.3	222.8	3.2	221.9	4.6	223.1	6.1	224.0	8.6
06:00	2.4	218.1	2.9	231.1	4.2	226.9	5.5	226.7	7.6
06:15	1.0	280.0	2.7	245.7	3.7	240.0	4.7	236.6	6.4
06:30	1.2	237.6	2.2	253.0	3.1	243.6	4.3	241.1	6.2
06:45	1.2	240.3	2.2	245.5	2.9	236.3	4.4	237.1	6.5
07:00	1.0	241.5	2.2	239.9	3.0	233.7	4.3	233.5	6.6
07:15	1.0	223.5	1.8	239.2	3.0	232.2	4.2	229.1	6.5
07:30	1.4	217.3	1.8	232.6	3.1	232.1	4.4	230.4	6.5
07:45	1.4	235.1	1.8	235.6	3.4	233.9	4.8	234.3	6.6
08:00	1.4	247.4	2.3	236.5	3.9	233.7	5.3	231.3	7.1
08:15	1.5	243.5	2.5	230.0	4.2	230.4	5.7	227.1	7.6
08:30	1.6	230.6	2.4	222.9	3.4	231.8	4.8	229.0	6.5
08:45	1.4	218.7	1.8	230.8	2.2	230.9	3.4	226.3	5.2
09:00	.8	233.9	1.3	254.1	2.0	231.2	3.2	222.5	4.8
09:15	.7	229.0	1.3	246.6	1.9	236.5	3.1	227.4	4.7
09:30	1.3	250.7	1.9	249.5	2.5	250.1	3.5	238.5	4.4
09:45	1.6	253.8	1.9	254.3	2.5	258.6	3.4	240.1	3.8
10:00	1.5	241.1	1.4	234.5	2.1	235.8	3.7	223.7	3.8
10:15	1.5	242.3	2.5	232.5	2.9	231.3	3.5	226.9	3.5
10:30	.8	241.7	1.7	215.5	2.0	236.1	2.0	233.8	1.9
10:45	1.0	236.1	1.6	224.3	1.9	240.5	1.9	235.3	1.7
11:00	1.6	246.6	2.8	242.3	2.8	237.4	3.1	229.7	3.0
11:15	1.1	240.6	2.1	233.1	2.7	232.6	3.2	228.2	3.1
11:30	.5	208.2	1.6	228.3	2.0	238.1	2.3	238.5	1.7
11:45	.8	232.3	1.6	233.9	1.8	232.5	1.8	226.7	1.3
12:00	1.4	252.0	3.1	263.0	2.6	253.9	2.5	244.4	2.2
12:15	1.6	252.9	3.9	256.4	3.0	257.2	2.9	251.5	2.7



## Daily Summary Report

Site: ORNL Sodar

6/24/2018

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	221.1	9.9	225.0	15.0	225.7	15.0	221.3	13.9	225.8
00:15	222.7	9.8	227.5	13.4	224.4	15.1	222.4	14.2	225.3
00:30	216.9	9.2	220.0	13.2	222.2	14.4	224.1	14.5	225.0
00:45	211.9	8.6	216.9	13.2	222.5	14.3	224.0	14.8	224.0
01:00	214.0	8.2	220.7	13.2	222.7	14.3	224.0	14.8	223.0
01:15	219.0	8.5	222.0	13.3	222.8	14.2	223.5	15.0	222.0
01:30	223.1	8.4	222.9	12.0	225.7	14.5	218.5	15.3	221.9
01:45	223.3	7.9	224.4	11.2	226.8	14.0	222.7	15.3	227.2
02:00	223.2	8.4	221.3	11.9	223.4	13.8	225.6	14.2	230.7
02:15	222.3	8.5	222.5	13.0	220.4	14.2	223.8	14.4	225.2
02:30	215.7	7.8	221.7	12.0	220.6	13.8	229.9	15.2	224.2
02:45	208.8	7.9	214.6	12.4	218.4	13.9	227.1	15.1	223.7
03:00	209.9	9.1	213.4	13.4	216.7	13.9	221.9	15.5	224.6
03:15	212.9	10.3	215.9	13.6	217.6	14.3	220.5	15.8	225.1
03:30	222.2	9.4	222.0	12.4	221.8	14.4	221.0	15.0	225.0
03:45	233.8	8.5	230.0	11.8	224.1	14.5	222.7	13.8	225.2
04:00	236.2	9.0	230.8	11.9	224.4	16.1	223.3	14.5	224.9
04:15	239.4	8.7	231.1	11.7	226.6	15.8	224.3	15.2	227.0
04:30	235.2	9.3	229.8	12.2	227.4	14.8	225.2	15.0	227.0
04:45	232.6	10.1	228.4	13.0	227.9	15.7	219.9	15.0	227.0
05:00	229.7	9.8	228.9	13.1	228.7	14.3	225.1	14.7	227.0
05:15	223.8	9.7	225.5	13.2	228.0	14.3	228.3	14.4	227.4
05:30	221.1	10.1	223.6	13.6	226.4	15.0	224.6	14.3	227.5
05:45	221.5	10.7	223.1	13.6	224.7	14.5	221.4	13.6	226.8
06:00	223.2	9.9	223.0	13.5	225.9	13.8	223.0	13.1	223.2
06:15	229.4	8.9	227.4	13.2	227.0	13.9	224.5	13.3	223.4
06:30	231.5	8.3	229.5	12.8	229.0	14.2	223.8	14.2	219.7
06:45	229.0	8.6	227.5	13.0	230.4	14.5	222.8	14.5	220.7
07:00	229.0	9.0	226.8	12.7	231.6	14.9	221.0	14.5	225.9
07:15	225.9	8.9	225.2	11.7	228.9	14.3	220.0	14.7	222.0
07:30	224.6	9.4	221.6	12.3	225.0	13.8	219.9	14.8	217.5
07:45	226.5	9.2	222.9	13.0	225.2	14.8	218.2	15.2	218.6
08:00	226.4	8.8	227.5	12.3	227.1	14.0	220.9	14.5	219.3
08:15	223.6	9.2	226.0	11.5	226.0	15.1	216.8	15.0	223.3
08:30	222.2	8.3	224.2	10.1	230.8	13.3	224.0	14.5	220.0
08:45	221.1	6.7	223.2	8.7	237.5	12.0	240.0	13.3	225.0
09:00	218.2	5.8	221.6	6.9	241.6	10.0	252.0	12.0	230.0
09:15	217.6	5.0	226.4	6.0	247.0	8.1	263.0	11.5	235.0
09:30	224.2	5.0	233.1	6.5	244.6	9.1	250.6	11.0	240.0
09:45	227.1	4.4	228.6	6.3	240.7	8.3	254.6	10.5	245.0
10:00	221.3	4.6	220.3	6.3	241.6	7.7	260.4	10.0	250.0
10:15	228.2	3.9	227.9	5.7	241.5	6.8	258.0	9.0	265.0
10:30	244.7	2.0	250.2	3.6	253.7	5.3	265.0	8.3	281.3
10:45	269.8	2.5	247.6	3.8	254.9	5.2	262.1	7.9	278.1
11:00	229.3	3.7	238.4	5.4	247.4	5.8	261.0	7.6	271.8
11:15	221.2	3.4	228.4	5.6	250.3	6.0	268.0	8.0	278.0
11:30	232.0	1.9	216.9	4.0	230.0	6.5	275.0	8.4	285.0
11:45	230.9	1.2	217.7	1.8	190.0	7.0	283.0	8.7	293.0
12:00	245.9	2.3	238.7	3.9	241.3	8.0	290.0	9.0	300.0
12:15	243.8	3.2	230.9	5.4	226.5	9.0	297.0	9.5	305.0



## Daily Summary Report

Site: ORNL Sodar

6/24/2018

Interval: 015m

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	14.8	224.0	15.5	226.0	15.0	226.0
00:15	15.0	223.0	15.0	225.0	15.0	225.0
00:30	15.0	223.0	15.0	225.0	15.0	225.0
00:45	15.3	222.0	14.5	224.0	15.1	225.0
01:00	15.5	222.0	14.5	224.0	15.1	225.0
01:15	15.8	222.0	14.0	224.0	15.1	224.0
01:30	15.9	221.4	13.8	223.2	15.1	224.0
01:45	16.5	220.6	14.6	225.1	15.1	224.0
02:00	15.8	222.6	14.6	226.3	15.1	224.0
02:15	15.6	220.4	14.1	223.0	15.2	223.9
02:30	14.7	222.8	15.5	223.7	15.1	223.0
02:45	14.8	225.0	15.5	222.0	15.0	223.0
03:00	14.9	227.5	15.5	221.0	15.0	223.0
03:15	15.5	224.5	15.4	220.0	15.0	222.0
03:30	15.5	224.0	15.0	220.0	15.0	222.0
03:45	15.6	223.0	15.0	221.0	15.0	222.0
04:00	15.6	222.7	14.9	221.5	14.8	222.3
04:15	15.8	228.7	15.3	221.7	15.3	223.2
04:30	15.4	228.0	15.0	223.0	15.2	222.0
04:45	15.0	227.0	14.5	225.0	15.1	221.0
05:00	14.5	226.0	15.0	227.0	15.1	220.0
05:15	14.3	225.0	13.9	229.4	15.1	218.1
05:30	13.2	225.6	14.8	229.0	15.0	221.0
05:45	12.8	224.6	14.2	227.0	14.5	225.0
06:00	14.0	220.3	14.9	225.4	14.1	228.0
06:15	14.3	220.0	14.5	227.0		
06:30	14.3	222.0	14.2	223.0		
06:45	14.3	222.0	15.0	221.0		
07:00	14.3	222.0	15.0	219.0		
07:15	14.3	221.0	16.0	217.0		
07:30	14.3	220.0	16.2	215.6		
07:45	15.2	220.7	18.1	215.8		
08:00	15.4	223.8				
08:15	15.7	222.6				
08:30	16.1	220.6				
08:45						
09:00						
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	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30						
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22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	15.0	223.2	15.0	223.1	15.0	223.3
Max	16.5	228.7	18.1	229.4	15.3	228.0
Hr. of Max	07	17	31	21	17	24
Min	12.8	220.0	13.8	215.6	14.1	218.1
Count	35	35	32	32	25	25
Total						