

## Daily Summary Report

Site: ORNL Sodar

3/21/2019

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	.6	167.1	1.7	193.1	1.3	187.8	.6	198.4	.3
00:15	.8	171.6	1.6	186.2	1.4	188.5	1.3	194.2	.1
00:30	.9	180.8	1.9	188.8	1.6	190.5	2.3	190.9	.6
00:45	.9	192.6	2.2	194.7	1.8	198.2	2.6	194.7	.8
01:00	.8	195.8	2.2	197.9	2.1	205.0	3.4	203.6	2.8
01:15	.7	182.7	1.6	196.3	2.6	207.1	4.0	209.1	4.6
01:30	.6	169.1	2.2	193.5	3.6	203.6	4.8	206.8	6.0
01:45	1.6	193.4	3.3	199.0	4.9	203.7	6.1	204.1	7.1
02:00	1.5	208.7	3.3	207.7	5.0	207.6	5.9	205.1	6.8
02:15	1.0	200.0	2.5	211.7	4.2	207.8	4.8	206.7	6.3
02:30	.7	173.9	1.6	212.4	3.0	204.7	3.9	204.6	5.7
02:45	.4	170.0	1.1	216.4	2.3	207.7	3.1	203.2	4.7
03:00	.1	172.0	.9	221.7	1.9	208.9	2.7	203.9	3.8
03:15	.2	149.3	.8	231.1	1.5	210.3	2.4	209.5	3.6
03:30	.2	153.2	.9	238.3	1.6	216.1	2.0	217.4	3.3
03:45	.1	112.6	1.0	255.0	1.6	223.5	2.1	227.6	3.0
04:00	.3	73.3	1.0	249.0	1.7	230.8	2.7	229.9	3.3
04:15	.3	78.3	.9	239.7	1.2	221.3	1.9	221.0	2.2
04:30	.2	65.0	.5	255.6	.4	198.0	.7	211.0	1.6
04:45	.0	158.6	.5	277.3	1.1	241.3	1.8	235.5	3.4
05:00	.3	148.6	.6	262.0	1.7	242.3	2.7	241.0	3.9
05:15	.3	138.7	.9	242.8	2.0	235.1	3.0	240.7	3.9
05:30	1.3	265.5	2.4	251.9	3.4	241.5	4.1	240.8	4.5
05:45	2.3	263.8	3.4	248.8	5.1	244.9	5.0	243.1	4.2
06:00	1.7	267.2	2.8	253.3	4.5	250.7	5.4	249.4	4.4
06:15	1.5	277.3	3.2	269.5	4.4	262.4	5.5	256.7	5.5
06:30	1.1	293.3	3.4	280.3	3.7	272.5	4.0	271.8	3.4
06:45	.7	333.6	2.5	301.9	2.3	306.6	2.5	313.2	1.7
07:00	.6	357.6	1.8	316.4	3.1	319.1	3.4	319.9	2.6
07:15	.6	346.4	2.2	322.3	4.0	325.2	4.6	326.6	5.2
07:30	2.0	355.0	2.8	322.2	4.7	327.5	5.6	326.9	5.7
07:45	2.0	353.7	2.3	320.6	3.7	327.5	4.1	325.2	2.7
08:00	.4	324.3	1.5	315.3	2.2	312.8	2.7	308.3	2.0
08:15	.1	324.9	1.0	303.2	2.0	302.5	2.7	299.1	2.3
08:30	.2	179.8	.3	292.2	1.5	303.9	1.7	295.8	1.7
08:45	.2	190.6	.3	250.0	1.2	303.9	1.5	291.2	2.0
09:00	.1	309.1	.5	258.9	1.2	298.3	1.5	293.1	2.2
09:15	.2	291.2	.6	257.8	.9	292.3	1.3	296.4	2.1
09:30	.0	296.9	.9	253.9	.5	281.7	1.2	297.4	2.0
09:45	.1	76.5	1.0	248.6	.6	273.1	1.2	299.1	2.3
10:00	.4	82.0	.9	232.8	.6	273.2	1.0	302.8	2.1
10:15	.4	88.5	.8	237.6	.6	274.6	1.0	293.0	2.3
10:30	.7	60.0	1.0	260.0	1.4	277.0	2.0	288.0	2.5
10:45	.5	30.0	1.0	280.0	2.2	280.0	3.0	284.8	3.0
11:00	.7	351.2	1.1	305.7	2.7	284.1	4.2	279.2	3.5
11:15	.5	10.2	1.0	296.2	1.7	289.5	2.5	284.8	1.6
11:30	.4	57.3	.6	297.0	.8	304.0	1.4	297.6	.6
11:45	.5	56.9	.4	286.2	.7	291.0	1.3	291.3	.7
12:00	.5	46.0	.5	272.8	.9	294.3	1.0	306.0	.5
12:15	.3	53.4	.5	271.7	.8	295.2	1.0	322.9	.5
12:30	.1	77.0	.6	259.3	.6	280.7	.9	311.5	.4



## Daily Summary Report

Site: ORNL Sodar

3/21/2019

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	353.5	.3	249.1						
00:15	288.1	.2	280.7						
00:30	194.9	.4	257.8						
00:45	205.5	.6	238.1						
01:00	207.5	.8	190.0						
01:15	206.1	1.4	193.5	.6	18.4				
01:30	201.6	5.5	188.3						
01:45	199.7	6.2	187.1						
02:00	203.1	6.7	191.2						
02:15	205.2	6.8	191.1						
02:30	203.2	5.5	191.3						
02:45	204.7	5.4	203.7	.8	164.1	.6	125.1		
03:00	209.4	5.8	215.6	2.5	189.0	.2	60.6		
03:15	216.1	5.7	228.0	4.0	160.0	.3	92.3		
03:30	216.3	4.6	230.7	3.0	190.7				
03:45	218.7	3.3	233.4	4.4	197.0				
04:00	228.5	4.0	240.3	6.3	230.1	6.8	241.7		
04:15	226.0	4.0	233.8	7.2	241.6	6.6	243.9		
04:30	219.5	3.7	225.5	4.4	229.8	6.5	242.0		
04:45	230.9	4.2	227.4	4.9	200.9	6.5	240.0		
05:00	232.6	4.8	229.7	5.6	216.7	6.3	239.1		
05:15	236.0	5.5	232.9	6.8	231.9	8.6	237.7		
05:30	246.1	5.1	249.0	5.6	244.6				
05:45	246.4	3.9	251.8	3.0	181.3				
06:00	247.2	3.6	252.4	3.5	176.0				
06:15	260.3	5.2	265.6						
06:30	275.6	3.0	261.6						
06:45	305.7	.8	265.5						
07:00	317.1	1.7	302.6						
07:15	325.0	4.8	316.1						
07:30	330.1	5.8	325.1						
07:45	332.0	3.2	314.3						
08:00	299.2	2.6	290.0						
08:15	293.1	2.1	270.7						
08:30	298.1	1.9	290.8						
08:45	292.3	2.9	293.7						
09:00	296.0	3.4	305.7						
09:15	298.3	3.6	306.6						
09:30	297.2	4.0	304.0						
09:45	304.4	3.8	313.2	6.5	312.4				
10:00	309.4	3.6	317.8	6.5	312.7				
10:15	307.4	3.9	313.0	8.0	305.0				
10:30	300.0	4.0	300.0	9.0	302.0				
10:45	290.0	4.0	290.0	9.0	298.0				
11:00	278.3	4.2	279.5	9.0	295.0	8.3	315.5	10.6	311.2
11:15	284.4	3.3	277.5	7.0	283.5	9.6	318.0	10.9	314.0
11:30	295.3	1.2	280.1	5.5	281.0	9.2	305.4	11.6	318.4
11:45	292.2	.6	308.5	4.0	278.8	7.5	290.0	9.5	302.0
12:00	282.2	.6	297.2	5.0	277.0	7.5	289.0	9.7	302.2
12:15	284.3	.7	309.0	5.5	275.0	7.5	287.0	9.9	302.4
12:30	324.7	.9	338.3	6.0	274.0	7.5	285.0	10.1	302.8



## Daily Summary Report

Site: ORNL Sodar

3/21/2019

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						
00:15						
00:30						
00:45						
01:00						
01:15						
01:30						
01:45						
02:00						
02:15						
02:30						
02:45						
03:00						
03:15						
03:30						
03:45						
04:00						
04:15						
04:30						
04:45						
05:00						
05:15						
05:30						
05:45						
06:00						
06:15						
06:30						
06:45						
07:00						
07:15						
07:30						
07:45						
08:00						
08:15						
08:30						
08:45						
09:00						
09:15						
09:30						
09:45						
10:00						
10:15						
10:30						
10:45						
11:00	11.4	306.5	13.7	326.9		
11:15	11.0	309.5	14.0	325.0		
11:30	9.9	310.2	13.0	312.0		
11:45						
12:00						
12:15						
12:30						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						
14:30						
14:45						
15:00						
15:15						
15:30						
15:45						
16:00						
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						
17:45						
18:00						
18:15						
18:30						
18:45						
19:00						
19:15						
19:30						
19:45						
20:00						
20:15						
20:30						
20:45						
21:00						
21:15						
21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	10.8	308.7	13.6	321.3		
Max	11.4	310.2	14.0	326.9		
Hr. of Max	44	46	45	44		
Min	9.9	306.5	13.0	312.0		
Count	3	3	3	3	0	0
Total						