

## Daily Summary Report

Site: ORNL Sodar

9/10/2018

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	2.1	191.0	3.5	211.0	5.1	202.7	6.6	204.7	7.8
00:15	2.3	186.0	3.1	211.8	4.6	205.2	6.2	206.7	7.6
00:30	2.3	185.7	2.7	202.6	4.2	197.9	5.6	200.8	7.4
00:45	1.9	195.6	2.8	195.2	4.1	192.2	5.2	194.6	7.0
01:00	1.1	193.4	2.8	205.1	3.7	200.7	4.8	205.2	6.4
01:15	1.1	195.7	2.8	216.5	3.6	209.7	4.6	214.8	6.1
01:30	1.0	222.6	2.6	218.8	3.3	213.9	4.5	216.0	5.8
01:45	1.2	239.5	2.7	222.6	3.5	219.5	4.9	220.3	6.5
02:00	2.0	237.9	3.2	233.9	3.7	227.9	5.1	227.8	7.0
02:15	1.9	219.6	3.4	237.3	3.7	232.2	5.2	231.1	7.1
02:30	1.2	192.0	3.3	228.5	3.8	221.3	5.3	222.6	7.0
02:45	1.0	183.0	3.0	218.8	3.9	208.9	5.2	209.6	6.7
03:00	.8	170.3	2.3	223.4	3.2	205.7	4.6	204.8	6.5
03:15	.3	66.6	1.5	235.0	2.4	204.6	3.8	203.4	6.1
03:30	.1	28.3	1.3	231.6	2.2	207.9	3.6	207.1	6.0
03:45	.1	37.2	1.2	246.5	2.0	211.9	3.3	209.6	5.5
04:00	.1	15.7	.8	267.6	1.4	211.1	2.6	206.8	4.3
04:15	.1	355.2	.5	251.3	1.0	206.5	2.1	204.4	4.0
04:30	.2	19.1	.7	199.7	1.4	207.0	2.5	206.3	4.3
04:45	.1	54.5	1.0	195.5	1.7	203.5	2.9	205.6	4.3
05:00	.1	127.9	1.0	191.1	1.2	197.6	2.5	199.4	3.4
05:15	.0	265.7	.8	202.5	1.1	204.2	2.4	199.8	3.3
05:30	.1	261.8	.9	206.5	1.5	204.5	2.9	199.2	4.4
05:45	.2	227.9	1.4	207.6	1.5	200.7	2.4	188.7	3.7
06:00	.2	196.2	2.0	219.1	1.8	203.3	2.3	193.8	2.7
06:15	.3	207.9	2.0	212.0	2.6	198.8	3.7	196.2	4.5
06:30	.3	224.3	1.7	206.5	2.2	199.8	3.4	192.9	4.4
06:45	.4	221.0	1.2	215.0	1.8	205.6	3.1	199.0	5.0
07:00	.3	209.9	.7	242.6	1.7	212.3	2.9	206.2	4.9
07:15	.2	195.2	.8	248.1	2.0	216.1	3.2	209.4	4.8
07:30	.3	270.0	1.5	225.7	2.6	212.7	4.0	211.9	5.8
07:45	1.1	196.1	2.1	222.5	3.4	211.2	4.8	213.1	7.7
08:00	.3	218.4	2.3	226.3	3.3	217.1	4.5	213.8	7.0
08:15	.7	280.0	2.1	230.3	2.9	223.4	4.0	215.3	6.1
08:30	1.2	209.6	2.5	226.4	3.5	220.8	4.7	213.5	7.1
08:45	1.1	193.8	3.1	227.5	3.9	218.4	5.1	212.9	7.4
09:00	2.7	188.1	3.4	223.3	4.5	214.2	5.7	213.5	7.7
09:15	4.4	186.4	3.1	219.8	4.7	213.1	6.1	213.5	7.7
09:30	1.8	180.7	2.9	224.3	3.9	209.9	5.5	212.0	7.2
09:45	1.7	182.1	2.7	216.2	3.7	206.1	5.2	208.0	7.0
10:00	1.9	187.9	2.3	210.6	3.8	208.9	5.4	208.8	6.9
10:15	.7	262.4	2.0	226.3	3.8	209.6	5.2	212.8	6.6
10:30	.1	239.2	1.8	237.5	3.1	209.9	4.8	211.1	5.9
10:45	.7	216.7	1.9	235.3	2.5	217.3	3.8	221.1	4.5
11:00	1.2	197.4	1.7	228.6	3.0	207.5	3.6	216.9	5.5
11:15	1.1	274.3	1.7	217.3	4.3	199.8	6.1	199.4	7.8
11:30	1.3	279.0	3.6	272.6	4.4	269.4	4.5	257.2	4.5
11:45	3.0	261.0	4.5	289.4	6.1	295.5	6.3	288.9	6.1
12:00	4.0	281.1	4.6	292.5	6.7	295.6	7.8	292.7	7.5
12:15	3.7	282.1	4.7	299.4	6.8	299.6	8.4	300.9	8.2



## Daily Summary Report

Site: ORNL Sodar

9/10/2018

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	206.1	10.1	206.2	11.0	207.0	13.5	214.0		
00:15	205.9	9.0	203.4	10.9	205.0	13.9	212.0		
00:30	199.7	8.6	194.7	10.8	203.2	13.9	211.3		
00:45	196.1	8.9	193.5	10.7	211.2	13.7	211.4		
01:00	206.3	8.5	206.5	11.1	219.3	13.7	217.2		
01:15	216.1	7.9	218.7	11.8	222.6				
01:30	215.1	7.7	217.8	11.4	223.5				
01:45	219.2	8.6	223.0	12.0	223.0				
02:00	228.7	8.9	231.3	12.6	223.0				
02:15	231.0	8.7	234.4	12.7	218.8				
02:30	221.8	10.4	223.0	13.0	222.7				
02:45	205.4	10.0	209.0	13.5	222.4				
03:00	199.2	9.8	197.0	11.7	223.3				
03:15	201.0	8.5	196.1	11.8	219.8				
03:30	207.3	7.6	206.3	13.0	209.5				
03:45	210.0	6.5	213.5	11.3	212.0				
04:00	212.9	4.9	221.7	11.8	214.0				
04:15	219.1	5.4	219.9	12.0	215.0				
04:30	214.9	6.9	209.6	12.2	218.1				
04:45	215.2	6.2	215.2	11.3	220.7				
05:00	217.3	5.0	221.3	10.6	221.5				
05:15	215.1	5.2	210.7	13.1	214.5				
05:30	210.2	6.2	198.0	13.3	213.1				
05:45	211.4	4.0	201.7	11.5	213.1				
06:00	199.5	3.8	203.0	11.6	209.3				
06:15	188.9	7.5	189.0	12.0	208.0				
06:30	191.2	6.2	189.3	12.0	212.0				
06:45	201.7	7.0	210.8	11.9	214.6				
07:00	213.2	7.3	217.0	12.0	215.3				
07:15	218.3	7.6	217.4	12.5	217.0				
07:30	214.3	8.3	205.0	12.3	219.0				
07:45	210.1	8.6	207.0	12.5	220.0				
08:00	211.5	9.0	209.0	12.8	221.0				
08:15	215.6	9.6	211.8	13.0	223.0				
08:30	210.3	9.2	210.0	13.3	225.0				
08:45	211.8	9.8	210.8	13.5	227.0				
09:00	213.4	9.9	210.3	13.7	229.7				
09:15	212.3	9.7	210.4	14.8	226.2				
09:30	210.3	9.4	209.6	13.7	219.0				
09:45	206.1	9.1	206.8	12.8	217.5				
10:00	206.3	8.7	208.4	11.9	215.6				
10:15	208.6	8.5	209.6	11.6	214.4	12.8	225.7		
10:30	205.1	8.3	209.4	10.9	214.1	12.4	225.0		
10:45	208.7	7.9	207.3	9.6	215.6	12.0	224.0		
11:00	203.0	7.9	201.9	9.5	218.1	11.4	223.1	13.1	217.9
11:15	193.9	9.1	202.9	10.6	217.2	13.0	221.0	13.3	215.6
11:30	251.1	8.8	212.7	10.9	203.9	14.7	217.9	12.2	224.0
11:45	280.2	5.7	256.0	8.1	216.1	10.3	222.0	11.3	233.8
12:00	288.0	6.9	277.8	7.6	251.8	8.3	227.7		
12:15	293.2	7.2	290.4	7.4	266.8	7.3	241.8		



## Daily Summary Report

Site: ORNL Sodar

9/10/2018

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						
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	12.3	222.4				
11:15	13.0	225.0				
11:30	13.4	226.0				
11:45						
12:00						
12:15						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30						
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	12.9	224.5				
Max	13.4	226.0				
Hr. of Max	46	46				
Min	12.3	222.4				
Count	3	3	0	0	0	0
Total						