

## Daily Summary Report

Site: ORNL Sodar

2/21/2018

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	1.2	197.8	1.8	199.0	3.3	200.2	4.6	195.4	6.9
00:15	1.1	194.5	1.7	197.1	3.6	196.9	5.0	193.1	7.1
00:30	1.2	190.6	2.0	213.8	3.4	199.4	4.8	193.6	7.1
00:45	1.4	194.3	2.5	218.6	3.6	206.3	4.8	198.7	7.1
01:00	1.5	194.3	2.9	207.4	4.4	205.9	5.5	199.4	7.5
01:15	2.1	212.9	3.3	203.7	4.9	204.8	6.3	198.7	8.5
01:30	3.0	214.8	3.3	217.6	4.8	208.9	6.8	203.6	8.7
01:45	3.5	213.1	4.1	220.5	5.3	211.6	7.1	208.5	8.9
02:00	4.0	214.7	5.2	212.6	6.3	210.8	8.1	209.3	9.7
02:15	3.2	219.0	4.4	220.5	6.0	216.3	7.6	211.6	9.2
02:30	2.0	205.9	3.2	220.8	4.9	219.1	5.9	211.7	7.6
02:45	2.8	187.9	3.2	221.9	4.6	218.8	5.5	210.5	7.2
03:00	1.5	202.8	2.9	232.8	4.4	224.4	5.3	216.3	7.0
03:15	1.1	200.7	2.3	224.6	3.9	217.8	4.8	209.8	6.3
03:30	1.7	193.6	2.2	207.9	3.7	198.1	4.9	192.6	6.3
03:45	1.1	202.0	1.8	198.0	3.1	196.1	4.3	192.2	6.0
04:00	1.2	197.0	2.3	202.3	3.2	204.0	4.5	198.3	6.7
04:15	1.6	200.5	2.9	204.3	3.8	202.3	5.4	197.7	7.4
04:30	2.0	192.3	2.7	198.5	4.1	196.7	5.5	194.7	7.4
04:45	2.1	182.8	3.4	191.9	5.1	190.2	6.4	190.2	8.3
05:00	2.4	181.1	4.8	186.1	6.2	182.7	8.1	182.8	9.5
05:15	2.2	179.9	4.4	187.9	6.0	183.5	8.0	183.2	9.3
05:30	1.7	176.0	2.7	196.3	4.9	191.4	6.7	189.5	8.3
05:45	1.7	171.5	2.0	193.9	3.9	190.1	5.7	191.0	7.5
06:00	.7	169.9	1.4	184.5	2.7	191.6	4.7	196.6	6.7
06:15	.6	185.9	1.6	174.3	2.7	196.7	4.2	200.7	6.2
06:30	1.1	181.8	2.6	176.5	3.2	195.5	4.4	198.1	6.6
06:45	1.4	187.2	2.1	186.2	3.2	198.7	4.6	203.8	7.2
07:00	1.1	191.9	1.5	219.1	2.9	209.7	4.9	211.8	6.5
07:15	1.5	192.1	1.8	212.3	3.7	205.8	5.6	209.2	7.0
07:30	2.0	189.4	2.3	200.7	5.0	199.8	6.8	206.3	8.5
07:45	1.6	187.4	2.5	207.9	4.8	203.6	7.0	209.6	8.5
08:00	1.8	185.9	3.3	205.8	4.9	209.4	6.7	212.8	8.6
08:15	1.8	172.5	3.3	204.7	4.9	207.2	6.5	208.9	8.9
08:30	1.3	165.5	2.5	219.9	4.6	203.7	6.3	208.0	8.9
08:45	1.7	177.8	3.3	221.1	5.7	204.0	6.9	209.0	9.9
09:00	3.3	185.9	4.9	203.0	6.9	207.6	7.8	209.2	10.2
09:15	4.9	190.5	4.8	206.6	6.4	212.1	7.5	212.2	9.7
09:30	3.5	205.2	5.8	212.2	6.8	207.6	8.6	208.7	10.4
09:45	4.7	197.7	6.0	204.8	7.4	203.5	9.1	208.8	10.8
10:00	4.2	196.2	4.7	211.5	6.6	207.7	8.0	212.8	10.4
10:15	2.4	194.7	4.3	216.9	6.2	205.7	7.5	201.7	10.6
10:30	.5	178.9	2.1	215.5	4.4	199.3	5.4	193.4	8.8
10:45	.3	258.7	1.7	227.6	3.1	204.9	3.2	200.1	5.8
11:00	.3	197.0	1.6	200.2	2.6	214.1	2.7	217.0	5.1
11:15	.2	166.9	1.3	208.4	1.9	227.2	1.9	235.3	3.2
11:30	.0	174.3	1.7	226.8	3.1	214.2	3.4	228.5	2.8
11:45	.1	349.5	1.3	224.2	3.1	207.9	3.5	223.1	1.9
12:00	.2	214.7	1.5	229.0	2.8	224.4	2.4	226.2	2.3
12:15	.4	209.9	2.1	241.3	2.8	245.4	2.8	247.4	1.8



## Daily Summary Report

Site: ORNL Sodar

2/21/2018

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	188.9	8.9	188.4	11.6	183.7	12.3	184.4	12.8	186.1
00:15	189.4	8.9	188.0	11.6	183.2	12.5	184.4	13.0	189.0
00:30	190.0	9.1	187.0	11.7	183.2	12.1	179.1	13.3	192.0
00:45	191.2	9.2	188.5	11.2	185.8	12.8	180.7	13.5	196.0
01:00	192.6	9.7	189.6	11.6	190.0	13.6	193.9	13.6	200.0
01:15	196.1	10.2	191.4	12.4	190.5	13.2	195.7	15.0	207.4
01:30	201.8	9.9	196.1	11.6	189.4	12.0	191.7	15.0	205.0
01:45	204.5	10.3	200.5	12.1	196.3	14.1	201.3	15.4	204.0
02:00	204.8	11.2	200.2	12.8	199.8	14.5	199.3	15.8	202.0
02:15	205.4	10.8	198.9	12.9	198.2	14.0	195.4	16.2	200.0
02:30	200.9	9.3	196.2	12.7	194.3	13.9	195.4	16.8	197.4
02:45	199.2	8.9	196.6	11.6	193.7	13.7	197.5	16.2	203.5
03:00	204.0	8.4	202.0	11.4	199.3	13.4	201.5	15.2	205.9
03:15	199.9	7.9	197.2	11.3	195.9	13.0	200.8	14.0	210.0
03:30	188.8	8.4	188.9	11.1	191.0	14.1	198.0	12.3	215.0
03:45	188.6	8.3	190.7	11.2	191.4	13.4	195.9	11.6	210.5
04:00	194.4	8.1	197.2	11.3	192.6	11.4	199.8	10.5	212.3
04:15	193.4	8.3	194.8	11.3	190.1	9.9	203.4	11.3	210.0
04:30	189.6	8.7	191.1	11.2	187.1	10.9	199.2	12.0	208.0
04:45	189.4	9.5	190.9	12.1	188.6	11.8	203.5	12.2	211.0
05:00	186.8	10.8	188.6	13.2	189.8	11.9	201.5	12.4	213.0
05:15	187.4	10.5	191.7	12.5	196.8	12.4	204.8	12.6	215.0
05:30	188.6	9.7	194.5	11.7	201.1	14.3	211.0	12.8	217.0
05:45	189.1	9.2	194.7	11.4	200.3	15.0	208.8	13.0	219.0
06:00	195.1	9.1	198.9	12.3	202.7	15.7	211.3	13.2	221.0
06:15	194.0	9.0	200.6	13.5	207.3	16.2	218.3	13.4	223.0
06:30	192.9	8.8	196.7	12.7	210.5	16.4	218.0	15.0	220.0
06:45	197.1	9.1	202.0	12.6	214.1	14.6	221.0	14.9	221.5
07:00	203.5	9.7	210.7	14.6	219.0	14.8	220.0	14.8	221.5
07:15	208.4	10.1	213.6	14.2	218.3	15.1	220.0	14.6	221.5
07:30	211.3	10.3	218.2	13.1	217.1	15.4	219.0	14.4	221.5
07:45	215.1	11.0	222.0	14.8	215.4	15.6	218.6	14.2	221.5
08:00	209.2	11.8	217.1	14.9	217.0	15.5	223.0	14.0	221.5
08:15	209.8	12.1	218.1	14.9	216.1	15.5	222.0	14.0	221.5
08:30	214.8	11.7	216.2	14.3	218.1	15.8	221.0	14.0	221.5
08:45	212.8	11.9	212.7	14.4	218.0	15.8	220.0	13.9	221.5
09:00	211.3	12.4	214.4	14.5	218.4	16.0	219.0	13.9	221.5
09:15	212.9	12.1	216.5	13.2	221.4	16.1	217.8	13.8	221.5
09:30	208.2	12.7	212.6	14.0	221.5	15.2	216.6	13.7	221.5
09:45	205.8	13.1	210.6	15.5	217.5	14.7	222.2	13.6	221.6
10:00	212.2	12.8	216.9	16.5	215.8	15.8	225.4	15.3	220.0
10:15	204.5	12.7	214.1	14.7	210.7	15.4	214.7		
10:30	192.1	12.2	201.1	13.3	206.6	18.3	210.9		
10:45	200.2	11.3	200.3	13.9	206.9	18.2	210.7		
11:00	229.7	10.0	215.0	13.5	207.0	18.1	210.5		
11:15	239.8	8.0	230.0	13.2	207.0	18.0	210.3		
11:30	231.9	6.0	245.0	13.0	208.0	17.9	210.1		
11:45	231.6	5.0	255.0	12.8	208.0	17.8	209.9		
12:00	212.6	4.3	268.8	12.6	208.0	17.7	209.5		
12:15	232.9	3.3	261.4	12.5	209.0	17.6	209.2		



## Daily Summary Report

Site: ORNL Sodar

2/21/2018

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	11.5	223.4				
04:15	11.8	224.0				
04:30	11.8	224.0				
04:45	12.0	224.0				
05:00	12.3	224.0				
05:15	12.3	224.0				
05:30	12.5	224.0				
05:45	12.8	224.0				
06:00	13.0	224.0				
06:15	13.0	224.0				
06:30	13.3	224.3				
06:45	13.5	224.0				
07:00	13.8	224.0				
07:15	13.8	223.0				
07:30	14.0	223.0				
07:45	14.0	223.0				
08:00	14.3	222.0				
08:15	14.5	222.0				
08:30	14.5	222.0				
08:45	14.8	221.0				
09:00	14.8	221.0				
09:15	15.0	221.0				
09:30	15.0	221.0				
09:45	15.2	220.9	14.0	219.7		
10:00	15.6	223.0	15.1	230.0		
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
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						
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18:45						
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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	13.6	223.0	14.6	224.9		
Max	15.6	224.3	15.1	230.0		
Hr. of Max	40	26	40	40		
Min	11.5	220.9	14.0	219.7		
Count	25	25	2	2	0	0
Total						