

## Daily Summary Report

Site: ORNL Sodar

8/21/2018

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	2.1	214.1	3.2	191.1	4.8	200.5	6.0	202.0	7.6
00:15	1.7	210.3	3.3	198.0	5.1	202.9	6.1	202.9	7.5
00:30	1.7	212.6	3.0	204.6	4.2	205.6	5.6	203.6	7.4
00:45	1.9	234.2	3.7	208.4	4.6	212.1	5.9	210.5	7.9
01:00	3.1	230.0	4.4	219.1	5.5	214.5	6.8	213.8	8.2
01:15	2.5	288.7	4.7	221.6	6.0	215.9	7.6	212.0	8.7
01:30	2.6	243.5	4.5	217.6	6.1	216.0	7.5	215.2	9.4
01:45	2.4	238.3	5.0	220.4	6.5	217.3	7.4	218.2	9.0
02:00	2.1	191.9	5.6	219.0	7.0	216.6	8.3	212.6	9.0
02:15	2.5	176.6	5.4	203.2	7.0	204.2	8.5	204.6	9.6
02:30	1.5	195.4	4.4	202.6	6.3	200.0	7.8	201.5	9.9
02:45	1.2	188.4	3.3	203.1	5.3	201.3	6.7	200.7	9.2
03:00	2.1	184.7	3.6	208.5	5.4	203.4	6.2	204.2	7.8
03:15	2.4	202.6	3.5	226.2	5.1	207.8	5.7	208.7	7.3
03:30	2.2	208.3	3.6	231.3	4.9	218.3	5.8	218.7	7.2
03:45	1.8	189.4	2.9	222.6	4.0	218.3	5.2	216.3	6.3
04:00	.9	182.7	2.8	196.5	4.0	196.5	5.5	194.5	6.9
04:15	2.0	199.2	3.6	193.8	5.0	194.4	6.1	193.9	6.7
04:30	1.4	241.8	3.0	205.4	4.1	201.1	5.0	202.6	6.4
04:45	.4	158.9	2.3	217.3	3.3	205.7	4.6	204.2	6.9
05:00	.3	152.0	2.0	217.2	3.0	202.5	5.0	198.0	7.0
05:15	.4	154.9	2.9	204.4	3.1	200.3	5.0	195.9	7.5
05:30	.4	148.1	2.8	202.9	2.9	196.2	4.9	193.0	7.0
05:45	.5	120.5	1.7	220.6	2.1	199.1	3.6	193.3	5.7
06:00	.4	172.5	1.1	216.7	2.0	203.0	3.7	196.3	5.5
06:15	1.5	172.7	2.2	187.0	3.7	190.5	5.8	191.0	7.3
06:30	1.5	135.4	2.5	203.8	3.7	193.7	5.3	192.2	6.5
06:45	.5	147.6	2.1	220.9	3.0	202.0	4.9	200.2	7.0
07:00	.6	166.6	1.9	203.6	2.5	199.2	4.0	197.3	8.0
07:15	.7	177.7	1.7	216.0	1.8	210.5	2.5	210.5	6.0
07:30	.5	169.6	1.8	227.5	1.7	214.7	2.9	220.1	5.8
07:45	.4	166.9	1.9	233.0	1.3	209.8	1.8	221.3	4.9
08:00	.5	164.5	2.0	248.7	1.8	212.3	3.0	220.3	5.1
08:15	.6	159.3	2.4	236.8	2.5	209.0	4.6	211.9	6.6
08:30	.7	128.1	1.8	225.7	1.7	202.0	3.2	211.9	6.3
08:45	.7	110.6	.6	205.8	.7	196.0	1.2	216.3	4.3
09:00	.5	77.0	.2	152.3	.3	206.4	.5	236.3	1.8
09:15	.4	76.4	.3	128.9	.2	206.5	.4	245.6	1.5
09:30	.5	79.8	.2	195.5	.4	227.1	.6	229.2	1.4
09:45	.4	96.9	.2	258.1	.6	233.7	.7	226.1	1.2
10:00	.3	130.8	.8	237.9	.6	252.8	.7	245.4	1.8
10:15	.3	159.0	.9	247.1	.7	267.6	.9	258.3	3.4
10:30	.3	205.1	.8	275.3	.5	241.7	1.1	222.1	2.2
10:45	.5	240.2	.5	249.6	.7	214.6	1.8	197.2	3.6
11:00	.3	204.9	.9	209.7	1.1	202.1	1.9	191.9	5.6
11:15	.8	215.5	1.4	217.3	1.8	199.7	2.5	198.2	4.9
11:30	.9	228.5	1.9	228.3	1.8	206.1	2.0	210.3	2.8
11:45	.2	223.5	1.4	232.7	1.3	214.4	1.3	225.7	1.6
12:00	.3	205.1	1.2	240.8	1.7	207.3	2.4	206.1	2.2
12:15	.4	233.3	1.6	247.3	2.3	207.3	2.8	201.3	3.0



## Daily Summary Report

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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	201.1	9.9	196.8	12.1	213.2	13.0	219.7	14.7	225.2
00:15	204.6	9.8	201.9	12.4	212.6	13.7	217.0	15.2	219.1
00:30	202.5	9.4	204.3	12.1	209.0	14.6	216.7	14.8	218.5
00:45	206.9	9.6	206.8	12.3	208.8	14.7	218.3	14.8	219.0
01:00	213.2	9.8	211.1	13.0	210.3	15.5	214.1	14.2	218.0
01:15	211.3	10.2	208.9	12.7	209.6	14.8	212.2	13.7	216.2
01:30	211.6	10.5	208.4	12.3	212.6	13.7	212.3	14.5	213.8
01:45	215.4	10.3	212.3	12.4	217.5	14.0	215.1	14.8	215.8
02:00	211.4	10.8	211.5	13.1	217.2	14.1	219.0	14.4	221.5
02:15	205.6	11.2	207.4	13.1	213.6	13.8	216.9	13.7	218.1
02:30	202.6	11.1	202.5	12.4	212.4	13.9	218.8	14.4	214.0
02:45	201.0	10.9	201.8	12.2	213.8	13.9	218.6	15.5	216.6
03:00	204.9	9.5	205.1	11.7	214.9	13.9	215.2	15.4	218.0
03:15	205.7	8.8	207.8	12.0	213.4	12.6	219.9	14.9	220.0
03:30	217.6	9.6	214.8	11.8	216.3	12.8	219.4	15.0	218.0
03:45	218.2	9.5	212.5	10.6	219.5	12.9	216.8	15.2	217.7
04:00	193.4	8.4	198.1	10.0	212.3	12.2	215.4	13.0	221.2
04:15	192.8	8.2	195.9	10.6	208.1	11.9	217.1	12.6	223.2
04:30	197.3	8.5	199.4	10.7	210.9	13.0	219.6	14.5	225.0
04:45	198.4	8.8	201.9	11.0	215.0	14.3	218.6	15.0	227.0
05:00	200.8	8.6	201.7	10.7	216.4	14.0	218.9	14.4	226.7
05:15	194.6	8.5	194.4	10.0	209.5	14.9	214.4	13.6	219.7
05:30	188.2	8.8	190.3	10.4	207.0	16.2	211.8	13.5	217.7
05:45	188.9	8.2	196.2	11.4	209.8	13.6	220.5	13.7	226.2
06:00	191.9	7.6	193.4	10.7	212.0	11.9	229.9	13.5	226.0
06:15	188.4	9.0	193.8	11.3	216.1	12.0	225.0	13.5	226.0
06:30	190.4	9.7	207.8	11.8	216.6	12.5	220.0	13.3	226.0
06:45	195.1	9.1	208.8	11.8	218.4	13.4	218.8	13.2	225.3
07:00	192.3	8.7	206.0	12.1	218.2	12.4	227.2	13.0	225.0
07:15	195.5	8.7	213.1	11.4	217.8	13.3	226.0	13.0	225.0
07:30	201.5	9.0	216.6	11.1	218.2	12.3	228.9	13.0	25.0
07:45	203.5	9.6	207.8	12.1	216.2	12.4	224.8	12.9	225.3
08:00	214.3	9.6	213.4	11.9	215.6	13.0	219.0	11.6	219.1
08:15	223.8	9.3	218.8	12.6	221.9	13.5	221.0	12.3	222.9
08:30	217.8	9.7	219.8	12.0	222.0	13.3	223.0	12.2	223.0
08:45	211.0	10.2	218.2	11.4	221.3	13.0	225.0	12.2	224.0
09:00	215.6	8.2	216.1	11.8	220.8	12.6	226.3	12.1	225.0
09:15	220.0	5.9	209.7	9.3	226.0	11.6	226.5	12.1	227.0
09:30	223.1	5.5	219.1	9.3	231.0	10.3	228.0	12.1	229.9
09:45	226.1	5.6	222.1	9.3	222.7	11.0	224.0	13.0	230.0
10:00	204.7	7.3	192.1	12.0	217.5	11.4	220.2	14.0	231.0
10:15	191.6	7.6	201.7	11.0	216.5	12.1	222.4	15.2	231.8
10:30	197.4	7.2	193.7	9.1	210.4	11.6	223.6		
10:45	189.4	7.9	187.7	10.3	205.4	11.7	220.0		
11:00	185.2	8.5	188.5	11.0	215.5	11.8	217.0		
11:15	191.0	7.5	197.2	10.0	218.6	11.8	213.3		
11:30	196.2	4.5	203.4	8.1	229.6				
11:45	200.4	2.7	207.0	7.3	238.0				
12:00	210.1	3.2	218.2	7.3	234.0				
12:15	201.0	6.3	195.6	7.2	230.0				



## Daily Summary Report

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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	13.7	223.4				
00:15	12.9	220.9	12.9	227.0		
00:30	12.8	221.1	13.6	223.4	14.8	221.4
00:45	15.0	219.0	15.1	219.8		
01:00	14.8	21.0	15.0	220.0		
01:15	14.4	222.2	15.0	222.0		
01:30	14.7	219.9	14.8	223.8	15.0	219.5
01:45	14.4	222.0	15.0	222.0	16.0	218.6
02:00	13.9	230.0	14.1	226.0	14.8	220.7
02:15	12.8	226.8	14.0	226.0	13.6	226.0
02:30	13.9	216.9	15.1	230.1		
02:45	15.7	216.9	14.8	231.2		
03:00	15.0	221.0	14.6	230.0		
03:15	15.1	221.8	14.4	229.0		
03:30	15.0	222.0	14.2	228.0		
03:45	14.8	224.0	14.0	227.0		
04:00	14.5	226.0	13.9	226.0		
04:15	14.2	229.1	13.8	225.5		
04:30	15.3	226.0	15.3	228.4		
04:45	16.3	228.3	15.6	228.6		
05:00	14.6	228.0				
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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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22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	14.5	213.6	14.5	226.0	14.8	221.2
Max	16.3	230.0	15.6	231.2	16.0	226.0
Hr. of Max	19	08	19	11	07	09
Min	12.8	21.0	12.9	219.8	13.6	218.6
Count	21	21	19	19	5	5
Total						