

## Daily Summary Report

Site: ORNL Sodar

2/16/2018

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			4.6	204.5	7.1	207.3	9.5	206.9	9.9
00:15			4.6	204.5	7.0	207.7	9.5	207.1	9.8
00:30			4.5	204.5	7.0	208.1	9.4	207.4	9.6
00:45			4.5	204.5	6.9	208.5	9.4	207.6	9.5
01:00			4.4	204.0	6.9	208.9	9.3	207.9	9.4
01:15			4.4	204.0	6.8	209.3	9.3	208.1	9.3
01:30			4.3	204.0	6.8	209.7	9.2	208.4	9.2
01:45			4.3	204.0	6.7	210.1	9.2	208.6	9.1
02:00			4.2	204.0	6.7	210.5	9.1	208.9	9.0
02:15			4.2	204.0	6.6	210.9	9.1	209.1	8.9
02:30			4.2	204.0	6.6	211.3	9.0	209.4	8.8
02:45			4.1	204.0	6.5	211.7	9.0	209.6	8.7
03:00			4.1	204.0	6.4	212.1	8.9	209.9	8.6
03:15			4.1	204.0	6.3	212.5	8.9	210.1	8.5
03:30			4.0	204.0	6.2	212.9	8.8	210.4	8.4
03:45	2.2	199.2	4.0	203.4	6.2	210.0	7.8	209.2	9.5
04:00	4.8	191.9	3.7	205.0	6.8	200.9	8.4	206.0	9.1
04:15	1.9	190.5	3.2	211.8	6.2	206.0	8.1	210.0	9.0
04:30	1.6	192.8	2.2	217.5	4.8	218.9	6.3	217.5	8.1
04:45	1.1	188.4	2.7	222.6	4.8	217.4	5.9	215.1	8.2
05:00	1.2	187.6	3.5	222.1	5.2	212.5	6.8	211.8	9.0
05:15	2.6	182.8	4.6	206.9	6.2	204.5	7.7	208.5	9.8
05:30	3.5	181.9	4.5	203.1	6.8	202.1	8.3	207.0	10.4
05:45	4.0	185.0	4.3	200.8	7.3	209.5	9.2	211.3	11.2
06:00	4.3	186.7	4.2	212.4	7.2	209.8	9.1	208.6	11.0
06:15	2.8	188.9	3.5	213.0	6.4	202.0	8.6	204.5	10.9
06:30	2.3	194.0	3.6	200.4	6.0	206.7	8.8	213.6	11.4
06:45	1.4	213.2	2.8	207.8	6.2	216.4	8.8	218.0	10.0
07:00	1.2	228.5	3.2	210.7	5.8	210.0	7.5	214.3	8.6
07:15	1.2	244.8	2.9	213.2	4.5	210.7	6.4	216.3	8.8
07:30	1.6	256.6	3.0	237.6	4.7	228.0	6.7	223.7	9.0
07:45	2.5	238.2	4.5	234.0	5.6	223.8	7.2	220.7	10.2
08:00	2.9	226.7	5.5	223.0	7.1	220.6	8.5	221.6	10.7
08:15	4.5	236.6	5.9	218.0	7.9	214.6	9.2	217.2	11.2
08:30	4.7	227.8	6.2	222.4	7.5	213.8	8.7	212.8	11.3
08:45	4.7	239.8	6.4	226.7	7.5	219.4	9.0	216.9	10.9
09:00	3.3	231.2	7.2	218.4	8.1	215.3	9.6	215.6	11.6
09:15	3.8	209.3	7.0	218.1	7.9	216.1	8.9	213.1	11.1
09:30	4.0	216.1	5.5	223.1	7.2	214.8	8.5	214.4	11.2
09:45	3.0	211.0	5.0	215.7	7.3	211.1	9.1	215.0	11.6
10:00	3.8	231.5	5.4	212.5	7.2	213.5	8.8	215.7	10.6
10:15	3.8	235.0	5.5	220.5	6.8	214.4	8.2	218.1	9.9
10:30	2.8	224.3	6.5	224.1	7.7	217.5	9.1	217.4	10.7
10:45	4.0	227.6	7.4	220.5	8.4	218.5	9.7	218.8	11.5
11:00	4.0	230.0	7.1	216.3	8.0	218.9	9.7	219.9	11.5
11:15	3.2	218.9	6.4	217.4	7.9	220.1	9.8	218.9	11.6
11:30	3.4	205.7	6.3	216.2	7.4	220.4	8.9	216.0	11.2
11:45	1.7	212.4	5.5	219.9	6.5	218.8	8.8	212.6	10.9
12:00	1.0	244.3	4.0	215.8	6.4	208.1	9.1	206.5	9.7
12:15	1.1	251.4	1.5	251.1	2.7	236.3	4.5	220.8	10.5



## 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	206.9	12.4	211.4	14.6	215.3	17.0	219.0	16.7	225.0
00:15	207.1	12.3	211.6	14.6	215.5	16.8	219.0	16.7	226.0
00:30	207.4	12.3	211.9	14.6	215.7	16.8	220.0	16.7	226.0
00:45	207.6	12.2	212.1	14.6	215.9	16.8	220.0	16.7	226.0
01:00	207.9	12.2	212.4	14.6	216.1	16.8	221.0	16.7	227.0
01:15	208.1	12.1	212.6	14.6	216.3	16.5	221.0	16.7	227.0
01:30	208.4	12.1	212.9	14.6	216.5	16.5	222.0	16.7	227.0
01:45	208.6	12.0	213.1	14.6	216.7	16.5	222.0	16.7	228.0
02:00	208.9	12.0	213.4	14.6	216.9	16.3	223.0	16.7	228.0
02:15	209.1	11.9	213.6	14.6	217.1	16.3	223.0	16.7	228.0
02:30	209.4	11.9	213.9	14.6	217.3	16.3	224.0	16.7	229.0
02:45	209.6	11.8	214.1	14.6	217.5	16.0	224.0	16.7	229.0
03:00	209.9	11.8	214.4	14.6	217.7	16.0	225.0	16.7	229.0
03:15	210.1	11.7	214.6	14.6	217.9	15.8	225.0	16.7	230.0
03:30	210.4	11.7	214.9	14.6	218.1	15.8	226.0	16.9	230.0
03:45	215.9	11.6	218.2	14.6	218.8	15.7	226.2	16.9	230.6
04:00	210.7	11.1	215.5	13.8	219.3	16.0	226.6	16.8	232.7
04:15	212.8	11.1	215.9	13.8	222.3	15.8	228.5	17.6	233.3
04:30	215.0	10.1	216.9	13.9	223.3	14.8	230.5	17.5	233.7
04:45	215.1	10.3	217.3	13.7	223.6	14.8	229.7	17.4	233.0
05:00	213.3	11.5	217.5	13.1	221.3	15.5	229.3	17.3	233.6
05:15	207.7	11.4	215.7	13.4	219.8	15.8	229.2	15.5	228.9
05:30	209.0	11.9	212.3	14.9	219.3	16.7	230.6	14.1	220.6
05:45	212.5	12.8	212.6	15.3	219.5	16.2	233.3	14.3	223.3
06:00	211.0	13.5	213.1	14.2	222.6	15.6	228.0	14.2	224.0
06:15	211.7	13.2	213.3	14.3	221.6	15.1	223.6	14.1	224.0
06:30	214.8	12.7	216.3	15.5	217.1	15.4	222.7	14.0	225.0
06:45	214.3	12.3	220.4	15.5	216.1	14.7	224.5	14.0	225.0
07:00	210.3	11.5	219.3	13.5	224.3	15.7	222.9	13.9	226.0
07:15	213.7	11.4	221.2	13.2	226.4	16.2	219.3	13.9	226.0
07:30	223.6	10.7	226.6	12.7	228.3	14.7	220.9	13.9	227.5
07:45	224.6	10.6	225.9	12.6	227.6	15.0	227.6	14.2	225.2
08:00	222.5	12.5	224.0	12.8	225.4	14.5	227.5	14.0	229.0
08:15	219.0	13.6	224.4	13.5	219.5	14.4	228.5	14.7	227.0
08:30	213.0	12.5	221.1	14.5	219.8	16.6	232.6	15.4	228.8
08:45	217.3	12.6	215.6	13.6	222.1	16.9	231.8	13.8	227.0
09:00	218.5	14.3	214.0	14.1	219.6	15.8	227.2	15.0	224.0
09:15	215.0	13.2	218.1	14.7	218.3	14.5	225.2	13.6	226.0
09:30	212.0	12.6	217.9	14.3	219.8	15.5	225.9	14.5	225.0
09:45	211.7	13.1	218.5	14.7	223.0	16.1	235.0	15.3	223.0
10:00	214.3	12.2	218.6	14.7	220.9	16.9	233.7	16.8	234.0
10:15	213.5	11.9	218.8	14.8	219.5	17.9	234.4	16.6	230.0
10:30	217.5	12.2	220.6	15.1	223.8	17.1	234.0	16.4	227.7
10:45	220.3	12.4	221.8	16.0	226.9	15.9	229.2	16.0	228.0
11:00	218.9	12.5	221.5	16.3	225.3	15.8	228.0	15.5	229.0
11:15	219.7	12.3	221.3	15.5	223.9	15.4	224.4	15.4	230.1
11:30	219.0	12.0	222.0	14.5	222.7	15.1	228.8	15.2	250.0
11:45	215.9	11.7	221.3	14.9	226.3	16.1	225.8	15.0	270.0
12:00	208.4	11.7	215.6	15.4	226.2	15.6	226.4	14.8	290.0
12:15	331.4	13.4	325.4	14.8	316.9	13.8	312.9	14.4	312.8



## Daily Summary Report

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2/16/2018

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						
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01:45						
02:00						
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07:30						
07:45						
08:00						
08:15						
08:30						
08:45						
09:00	13.3	215.3	13.7	228.4		
09:15	13.0	222.5	13.8	226.9		
09:30	13.3	222.0	13.2	225.3		
09:45	14.0	220.0	14.0	226.0		
10:00	15.5	231.0	14.9	227.0		
10:15			14.8	240.0		
10:30			14.7	255.0		
10:45			14.6	265.0		
11:00			14.5	275.0		
11:15			14.4	280.0		
11:30			14.3	285.0		
11:45			14.3	290.0		
12:00			14.1	295.0		
12:15			14.0	298.0		

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	13.0	314.2	13.9	300.0		
12:45	13.0	313.6	13.8	302.0		
13:00	12.8	312.9	13.7	305.5		
13:15	11.0	320.3	11.9	313.2		
13:30	9.8	324.3	11.0	320.6		
13:45	9.0	328.0	10.0	322.0		
14:00	8.3	331.6	9.0	324.0		
14:15	8.3	337.8	7.6	325.2		
14:30	8.9	331.0	9.0	322.0		
14:45	10.3	321.8	11.0	319.0		
15:00	10.3	318.8	12.9	316.5		
15:15	8.8	323.3	12.4	319.9		
15:30	8.0	324.0	10.0	327.5	12.3	322.1
15:45	8.0	314.5	9.0	321.3	11.5	329.6
16:00	6.3	318.0				
16:15						
16:30						
16:45						
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22:45						
23:00						
23:15						
23:30						
23:45						
Avg	10.7	297.2	12.7	287.7	11.9	325.9
Max	15.5	337.8	14.9	327.5	12.3	329.6
Hr. of Max	40	57	40	62	62	63
Min	6.3	215.3	7.6	225.3	11.5	322.1
Count	20	20	28	28	2	2
Total						