

## Daily Summary Report

Site: ORNL Sodar

10/28/2018

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	.5	252.8	1.3	248.9	1.6	267.8	1.8	268.3	1.4
00:15	.4	252.3	1.6	244.6	2.0	262.5	1.7	266.2	1.5
00:30	.4	258.8	1.6	236.4	1.5	256.9	1.3	268.8	1.6
00:45	.4	260.7	1.6	236.3	1.2	253.7	1.1	263.2	1.6
01:00	.3	263.9	1.1	235.6	1.0	250.5	1.0	255.4	1.4
01:15	.3	270.9	.9	239.1	.7	254.9	.6	245.5	1.2
01:30	.2	269.3	1.0	230.1	.9	250.0	.8	245.6	.8
01:45	.2	276.5	1.2	219.1	1.1	233.3	1.0	239.4	.5
02:00	.3	272.2	1.5	213.0	.8	224.0	.6	229.2	.4
02:15	.4	267.0	1.3	207.2	.4	237.9	.2	223.6	.3
02:30	.4	277.6	.5	202.5	.3	238.9	.1	161.6	.1
02:45	.3	275.3	.4	211.9	.4	236.3	.1	314.8	.1
03:00	.3	277.8	.6	216.6	.5	227.8	.2	333.0	.2
03:15	.3	289.3	.8	213.4	.5	220.7	.1	24.0	.1
03:30	.3	262.9	1.2	202.4	.7	213.9	.1	167.0	.2
03:45	.3	238.8	1.4	201.3	1.1	216.3	.2	212.5	.2
04:00	.3	215.0	1.0	209.4	1.0	221.3	.3	225.1	.2
04:15	.4	204.4	.8	218.0	.8	223.9	.1	297.6	.1
04:30	.4	214.7	.8	207.4	.9	225.5	.2	338.6	.2
04:45	.3	206.8	.5	205.8	1.0	230.5	.7	241.3	.2
05:00	.4	196.5	.3	228.2	1.2	235.8	1.2	230.3	.1
05:15	.5	207.6	.7	236.2	1.5	230.6	1.3	225.2	.2
05:30	.4	221.0	1.2	230.1	1.5	227.5	1.0	226.0	.2
05:45	.4	214.0	1.5	225.6	1.0	229.9	.5	235.2	1.0
06:00	.1	258.3	1.6	226.9	.9	240.5	.7	237.2	1.3
06:15	.4	353.1	1.5	230.3	1.1	239.3	1.4	231.2	1.4
06:30	.4	7.8	.9	224.1	1.0	241.8	1.6	232.4	1.3
06:45	.1	59.8	.6	220.9	.6	249.7	1.1	242.3	1.1
07:00	.2	214.1	.5	230.7	.5	232.2	1.0	238.2	1.2
07:15	.3	201.0	.4	207.7	.5	213.4	.9	225.2	1.0
07:30	.3	171.4	.4	213.8	.3	209.7	.7	214.4	1.5
07:45	.3	170.1	.4	238.1	.5	211.8	1.1	209.4	2.5
08:00	.3	175.0	.5	208.6	1.4	201.4	2.1	205.7	3.1
08:15	.4	187.9	1.2	187.9	1.7	200.0	2.1	206.1	3.1
08:30	.4	227.9	1.4	207.5	1.8	224.5	2.5	225.2	3.2
08:45	.4	272.0	1.5	234.4	2.5	232.1	3.4	230.8	4.1
09:00	.3	258.1	2.3	239.8	2.5	231.2	2.9	221.4	3.7
09:15	.9	259.2	3.2	245.3	2.4	238.1	2.8	220.2	4.4
09:30	2.2	262.3	2.9	247.7	3.2	243.4	3.9	236.3	6.3
09:45	2.5	263.9	2.1	244.1	3.1	239.6	4.2	235.6	6.1
10:00	.7	267.0	1.6	242.9	2.8	232.7	3.8	229.2	5.8
10:15	.7	260.3	1.7	235.4	3.4	228.8	4.2	226.9	5.8
10:30	.9	246.6	1.9	235.3	3.5	232.5	4.4	229.6	5.7
10:45	1.0	251.0	1.7	237.5	3.1	233.9	3.9	228.7	5.0
11:00	.7	218.5	1.3	209.7	2.3	241.4	2.6	239.6	3.4
11:15	.8	213.1	1.5	209.8	1.8	238.9	2.2	240.0	2.8
11:30	1.0	197.9	2.2	221.8	2.3	213.7	3.2	217.8	3.7
11:45	2.5	185.0	2.9	218.3	3.2	212.1	4.6	209.8	5.0
12:00	3.5	183.1	4.4	212.9	4.5	216.9	5.6	204.6	7.0
12:15	1.7	197.5	4.1	214.9	4.0	218.1	4.7	206.4	6.4
12:30	.8	232.9	2.6	217.2	2.6	210.9	2.9	207.2	2.9



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10/28/2018

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	279.3	2.9	277.2	6.0	285.9	7.7	287.9		
00:15	276.7	3.3	276.4	6.5	284.4	7.7	289.7		
00:30	278.2	3.5	277.6	6.4	282.9	8.3	290.9		
00:45	276.0	3.0	282.5	5.4	282.4	8.2	285.5		
01:00	277.9	1.6	289.4	3.8	279.8	7.3	282.3		
01:15	273.3	2.1	279.2	3.2	279.3	6.4	283.3		
01:30	261.0	2.0	270.5	2.7	280.6	3.9	279.4		
01:45	242.1	1.5	265.8	2.0	285.2	3.6	279.9		
02:00	238.6	1.0	281.6	1.7	301.7	4.0	285.6		
02:15	246.0	.7	301.6	1.4	299.7	3.5	288.0		
02:30	268.9	.4	301.7	1.1	285.8	2.6	290.4		
02:45	157.2	.2	315.5	.6	329.5	2.5	314.3		
03:00	87.7	.2	303.8	.7	2.2	2.0	310.0		
03:15	106.6	.4	280.6	.8	348.8	1.5	306.0		
03:30	169.3	.5	256.3	.6	319.9	1.0	302.6		
03:45	4.2	.5	258.4	.5	297.3	.5	2.1		
04:00	19.5	.4	253.1	.5	329.7	1.1	60.0		
04:15	350.1	.5	233.9	1.2	295.9	1.8	80.8		
04:30	283.6	.4	250.8	1.8	294.3	.5	312.2		
04:45	277.0	.4	267.4	1.1	296.2	.8	71.0		
05:00	240.8	.6	236.7	.6	286.2	.1	61.3		
05:15	102.5	.6	240.8	1.1	266.4				
05:30	208.9	.7	273.3	1.5	240.2				
05:45	225.0	.6	253.7	1.6	300.0				
06:00	239.9	.4	233.3	1.7	330.0				
06:15	241.9	.9	251.4	1.8	6.8				
06:30	233.5	1.3	235.7	1.0	50.0				
06:45	226.8	1.2	228.4	.2	110.9				
07:00	228.3	1.1	236.0	1.4	255.9				
07:15	237.4	1.0	232.0	1.9	238.0				
07:30	234.5	1.9	232.8	3.0	213.2				
07:45	225.6	3.9	227.0	6.1	207.7				
08:00	213.3	4.2	209.8	6.5	208.0				
08:15	212.5	4.8	199.5	6.8	208.0				
08:30	227.8	5.3	221.9	7.0	208.0				
08:45	237.2	6.7	235.2	7.5	208.0				
09:00	227.0	5.5	238.5	8.0	208.0				
09:15	225.4	2.9	245.7	8.5	208.0				
09:30	235.1	8.1	225.5	9.0	208.0				
09:45	232.2	8.6	224.6	9.5	208.0				
10:00	226.2	8.1	221.4	10.0	208.0				
10:15	219.7	7.9	214.5	10.0	208.0				
10:30	217.5	7.4	212.5	10.5	209.9				
10:45	218.8	6.1	214.7	8.7	212.7				
11:00	225.8	4.7	218.8	7.0	216.8	9.3	218.0		
11:15	228.6	4.0	224.7	5.9	219.3	9.1	218.7	10.9	227.2
11:30	221.9	4.3	222.9	6.0	219.2	8.5	220.9	11.3	230.0
11:45	212.6	5.6	212.4	7.6	216.6	9.5	216.9	12.2	226.3
12:00	202.5	7.3	203.6	9.4	207.6	10.5	212.5	12.9	221.3
12:15	204.6	8.0	206.6	9.7	205.4	9.8	214.1	12.0	220.7
12:30	229.0	4.5	225.0	8.5	219.0	10.2	213.0	10.9	221.1



## Daily Summary Report

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10/28/2018

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						
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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						
11:15						
11:30						
11:45	15.5	227.5				
12:00	16.3	225.6	16.7	230.3	17.2	224.7
12:15	15.0	226.0	16.0	225.0		
12:30	14.0	224.9				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	13.1	222.5				
13:00	12.3	224.9				
13:15	12.7	225.5				
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						
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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	15.7	314.4	16.4	316.2		
22:30	15.3	315.9	15.6	317.0		
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	14.4	245.2	16.2	272.1	17.2	224.7
Max	16.3	315.9	16.7	317.0	17.2	224.7
Hr. of Max	48	90	48	90	48	48
Min	12.3	222.5	15.6	225.0	17.2	224.7
Count	9	9	4	4	1	1
Total						