

## Daily Summary Report

Site: ORNL Sodar

2/15/2019

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	1.3	209.2	2.1	209.2	5.2	203.6	8.0	205.0	5.0
00:15	.8	216.1	2.2	204.1	4.4	204.2	7.9	198.3	4.0
00:30	.7	240.8	2.6	206.5	3.1	214.7	4.0	225.0	3.7
00:45	.8	245.9	3.0	211.9	3.1	210.2	4.1	215.5	2.9
01:00	.8	268.2	2.5	213.5	2.2	221.1	3.9	222.6	3.0
01:15	.7	266.0	2.0	208.1	2.3	220.3	3.6	221.2	3.4
01:30	.7	230.8	1.4	196.3	2.1	226.0	3.8	210.4	2.4
01:45	.9	227.4	1.4	209.5	1.8	225.7	3.0	218.6	2.1
02:00	1.0	224.3	1.6	209.1	1.5	216.7	1.9	223.2	2.4
02:15	.9	224.4	1.9	210.8	1.6	221.8	2.2	231.7	2.9
02:30	.6	230.0	2.9	209.0	2.7	205.1	5.2	205.0	3.0
02:45	.6	232.9	2.5	200.0	2.9	204.6	4.8	204.2	3.0
03:00	.9	224.3	1.5	233.0	2.5	213.6	2.5	233.4	3.0
03:15	.9	218.3	1.4	240.4	2.2	222.2	2.6	228.7	3.0
03:30	.8	228.9	1.2	222.1	1.8	225.0	2.0	236.2	3.3
03:45	.8	225.1	1.5	223.7	2.4	208.5	2.8	221.2	3.6
04:00	.9	239.3	2.2	227.8	2.8	220.6	4.1	230.7	4.0
04:15	1.1	237.5	2.9	226.6	3.5	221.9	5.4	229.4	6.5
04:30	.9	228.0	3.2	224.4	3.8	223.2	5.6	228.6	8.3
04:45	.7	251.6	2.8	233.2	3.6	237.4	4.5	251.9	5.4
05:00	.7	259.9	2.3	221.2	3.3	235.5	4.1	256.4	4.7
05:15	.7	260.0	1.9	215.9	2.7	223.4	3.5	258.1	3.9
05:30	.6	257.5	1.1	239.7	2.0	218.5	3.9	261.1	4.8
05:45	.6	261.6	.6	237.1	2.1	211.0	3.5	229.1	6.5
06:00	.6	244.3	.5	222.2	1.9	203.2	4.7	197.9	8.8
06:15	.6	243.0	.8	248.2	1.3	220.7	2.8	223.2	7.6
06:30	.2	255.4	1.2	246.6	2.0	230.0	3.2	249.0	6.8
06:45	.1	146.7	.9	230.1	2.3	240.3	4.0	256.1	4.8
07:00	.1	115.5	.6	219.4	1.7	254.5	4.1	263.6	5.5
07:15	.0	144.0	1.0	221.5	1.5	240.6	3.2	259.2	4.5
07:30	.2	113.4	1.1	228.8	2.1	242.1	3.6	254.1	3.9
07:45	.5	102.4	1.0	253.6	2.0	241.2	3.7	250.8	4.3
08:00	.3	127.0	1.3	245.1	1.8	238.6	3.2	252.0	4.4
08:15	.2	178.9	1.2	243.4	1.8	238.6	3.1	251.1	4.0
08:30	.3	147.1	.8	243.7	1.3	232.6	1.8	255.2	2.2
08:45	.3	130.3	.6	237.2	1.0	241.8	1.3	254.2	1.4
09:00	.3	126.2	.5	257.8	1.2	248.4	1.5	243.0	1.9
09:15	.3	147.0	.6	242.2	1.4	236.5	1.8	237.9	2.3
09:30	.4	166.5	.5	220.7	1.3	219.1	1.8	236.9	2.1
09:45	.3	167.6	.3	233.3	1.0	220.2	1.7	243.3	2.2
10:00	.2	213.2	.7	243.5	1.1	241.8	2.0	248.8	2.6
10:15	.2	234.4	.9	240.9	1.1	255.4	2.5	257.1	3.2
10:30	.1	227.7	1.3	251.0	1.3	258.7	3.1	258.0	4.2
10:45	.3	260.3	1.6	257.5	1.6	254.6	3.0	243.8	4.8
11:00	.7	249.7	1.5	254.4	1.5	244.7	2.4	237.0	4.2
11:15	.9	236.6	1.7	242.2	1.7	235.4	2.3	244.6	3.7
11:30	1.0	212.6	1.7	214.1	2.1	220.8	2.7	235.6	3.8
11:45	.9	214.2	1.9	206.9	2.0	214.0	2.6	234.1	3.6
12:00	1.0	231.5	2.0	227.7	2.4	233.0	3.0	242.1	3.5
12:15	1.7	244.5	3.0	238.4	3.4	244.0	3.8	246.8	4.3
12:30	3.2	265.0	4.0	250.4	4.2	249.8	4.7	251.8	4.5



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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	226.0	7.0	255.0	15.0	223.0	16.8	222.0		
00:15	234.0	6.0	262.0	15.0	223.0	16.8	222.0		
00:30	244.1	5.3	268.0	15.0	223.0	16.8	222.0		
00:45	227.4	3.9	270.7	15.0	223.0	16.8	222.0		
01:00	243.1			15.0	223.0	16.8	222.0		
01:15	255.0			15.0	223.0	16.8	222.0		
01:30	269.4			15.0	223.0	16.8	222.0		
01:45	264.7			15.0	223.0	16.8	222.0		
02:00	228.8			15.0	223.0	16.8	222.0		
02:15	226.0			15.0	223.0	16.8	222.0		
02:30	228.0			15.0	223.0	16.8	222.0		
02:45	229.0			15.0	223.0	16.8	222.0		
03:00	230.0			15.0	223.0	16.8	222.0		
03:15	231.0			15.0	223.0	16.8	222.0		
03:30	233.0			15.0	223.0	16.8	222.0		
03:45	235.6			15.0	223.0	16.8	222.0		
04:00	230.2			15.0	223.0	16.8	222.0		
04:15	217.4			15.0	223.0	16.8	222.0		
04:30	214.7	9.5	212.0	15.0	223.0	16.8	222.0		
04:45	248.9	10.0	211.0	15.0	223.0	16.8	222.0		
05:00	260.3	10.0	210.0	15.0	223.0	16.8	222.0		
05:15	258.7	11.0	210.0	15.0	223.0	16.8	222.0		
05:30	248.6	11.0	209.0	15.0	223.0	16.8	222.0		
05:45	225.0	12.0	208.0	15.0	223.0	16.8	222.0		
06:00	189.9	12.8	207.5	15.2	223.0	17.1	227.6		
06:15	225.0	12.0	210.0	15.0	224.0	17.0	228.0		
06:30	253.4	11.0	212.0	14.0	225.0	16.5	229.0		
06:45	257.2	10.0	215.0	13.5	226.0	16.0	230.0		
07:00	267.0	9.0	218.0	12.5	227.0	15.5	231.0		
07:15	260.0	8.0	219.0	12.0	228.0	15.0	232.0		
07:30	251.5	7.0	221.0	11.0	229.0	14.5	233.0		
07:45	271.8	6.5	223.0	10.5	230.0	14.0	234.0		
08:00	260.2	6.0	224.0	10.0	230.0	14.0	235.0		
08:15	244.8	5.5	225.0	9.5	231.0	13.5	236.0		
08:30	256.3	5.0	226.0	9.0	232.0	13.5	237.0		
08:45	250.2	4.0	228.0	9.0	232.0	13.5	238.0		
09:00	235.0	3.0	230.5	8.5	233.0	13.0	239.0		
09:15	226.8	4.8	240.8	8.5	233.0	13.0	240.0		
09:30	231.0	4.3	234.3	8.0	234.0	12.5	240.0		
09:45	251.1	4.7	241.9	7.8	234.7	12.5	241.0		
10:00	249.8	5.2	231.8	8.3	229.9	12.2	241.7		
10:15	251.9	5.4	229.9	8.8	227.3	12.3	234.1		
10:30	246.4	6.0	237.8	9.1	227.7	11.7	230.4		
10:45	235.1	6.5	231.3	9.1	230.4	11.5	235.0		
11:00	238.0	6.4	224.8	9.0	230.7	11.2	239.1		
11:15	248.5	5.7	223.6	8.9	229.7	12.0	234.8		
11:30	239.9	5.3	222.6	8.7	224.4	10.6	230.9		
11:45	236.4	5.3	222.4	8.1	219.9	9.9	227.1	9.6	235.3
12:00	240.4	5.8	227.3	7.7	223.6	10.5	226.9	10.3	230.0
12:15	242.0	5.8	231.5	8.1	225.9	11.5	227.6	10.8	225.5
12:30	245.9	5.5	242.0	8.3	230.1	9.9	228.6	10.0	228.9



## 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						
00:15						
00:30						
00:45						
01:00						
01:15						
01:30						
01:45						
02:00						
02:15						
02:30						
02:45						
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09:15						
09:30						
09:45						
10:00						
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						
12:30	12.0	227.9				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	12.0	231.0				
13:00	12.0	236.5				
13:15	13.5	237.4	14.8	239.5		
13:30	12.1	239.9	12.3	233.0		
13:45	11.5	230.8	11.5	229.0		
14:00	13.0	228.2				
14:15						
14:30						
14:45						
15:00						
15:15						
15:30						
15:45						
16:00						
16:15						
16:30						
16:45						
17:00						
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18:45						
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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	12.3	233.1	12.9	233.8		
Max	13.5	239.9	14.8	239.5		
Hr. of Max	53	54	53	53		
Min	11.5	227.9	11.5	229.0		
Count	7	7	3	3	0	0
Total						