

## Daily Summary Report

Site: ORNL Sodar

2/12/2019

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	343.1	.2	141.4	1.5	73.6	2.0	81.3	1.3
00:15	.1	347.4	.3	157.6	1.6	72.1	2.2	87.5	1.5
00:30	.2	333.3	.1	93.2	1.1	57.8	1.8	89.4	1.4
00:45	.2	308.2	.3	60.8	.9	53.8	1.5	88.6	1.0
01:00	.1	312.7	.2	96.8	.9	71.1	1.0	94.8	1.5
01:15	.1	347.1	.1	333.8	.8	68.7	.6	109.2	.6
01:30	.1	341.0	.2	36.7	.9	77.4	.6	104.9	.3
01:45	.0	23.6	.4	69.3	1.1	80.6	.7	81.4	.1
02:00	.0	1.2	.5	89.7	1.1	76.3	.9	90.6	.9
02:15	.1	229.3	.5	110.4	1.2	84.9	1.1	120.7	1.6
02:30	.3	282.1	.7	99.8	1.1	84.9	.9	140.7	1.8
02:45	.5	301.5	.8	89.3	.9	86.3	.8	181.1	2.6
03:00	.6	308.9	.4	96.8	.7	130.1	1.3	193.1	3.2
03:15	.5	310.9	.3	77.5	.3	177.5	1.5	217.7	3.4
03:30	.4	316.7	.4	59.1	.4	265.3	1.6	234.2	3.3
03:45	.3	312.8	.3	25.2	.5	256.7	1.7	217.9	3.4
04:00	.3	316.7	.4	53.9	.8	188.0	2.5	195.7	4.2
04:15	.4	322.3	.7	219.7	1.8	199.2	3.3	201.0	5.2
04:30	.3	211.9	2.0	228.0	2.9	218.6	4.3	210.8	6.8
04:45	.4	206.2	1.7	222.0	3.0	219.8	4.4	212.1	7.2
05:00	.9	295.6	1.8	225.4	3.0	223.8	4.3	217.6	7.0
05:15	.6	270.0	2.6	215.1	3.6	223.1	5.3	217.6	8.1
05:30	.9	225.7	2.9	205.1	4.2	214.2	6.4	209.1	9.6
05:45	1.2	220.6	3.0	206.4	4.3	215.6	6.5	210.7	9.6
06:00	1.2	269.4	2.5	231.6	3.9	234.7	5.9	220.3	9.3
06:15	.6	249.5	2.3	229.4	3.5	230.2	5.3	220.6	8.9
06:30	1.8	179.2	4.8	190.0	3.5	210.0	5.4	210.1	8.5
06:45	1.7	173.8	3.2	192.0	3.5	209.6	5.8	204.6	9.1
07:00	1.6	174.4	2.8	195.7	3.8	210.2	5.6	203.0	9.1
07:15	2.0	177.8	2.2	199.2	3.9	206.3	6.0	197.5	9.6
07:30	1.3	174.8	2.7	194.7	3.4	203.9	5.3	196.1	9.1
07:45	1.1	172.9	2.5	189.8	3.0	199.0	4.6	194.1	8.1
08:00	1.0	357.7	1.6	211.2	2.8	209.1	4.0	205.0	7.1
08:15	.4	333.9	1.5	279.9	2.9	234.1	3.8	221.5	5.9
08:30	.7	356.4	1.3	216.4	2.8	218.4	4.2	204.5	6.8
08:45	2.2	177.4	2.9	191.7	3.2	202.5	5.3	193.7	8.2
09:00	5.0	179.0	3.6	191.7	4.2	195.9	6.7	190.1	9.5
09:15	7.3	181.8	3.0	203.1	4.6	196.5	7.3	191.5	10.4
09:30	5.0	205.0	4.0	240.0	5.0	230.0	7.0	230.0	9.0
09:45	3.0	225.0	5.3	277.8	5.4	277.0	6.1	277.3	8.4
10:00	1.0	250.9	2.3	249.9	3.7	266.4	5.2	261.9	8.0
10:15	.4	187.5	1.1	271.9	3.5	263.8	5.3	249.6	7.5
10:30	.4	192.4	1.0	263.9	3.0	248.8	4.3	247.5	5.8
10:45	.8	223.7	1.4	224.8	3.0	227.7	3.5	240.4	4.8
11:00	.8	221.5	1.4	208.9	2.4	217.3	2.5	243.0	2.4
11:15	.9	205.4	1.4	211.6	2.2	217.0	2.4	230.2	2.4
11:30	.7	233.2	1.5	211.9	3.1	215.3	2.8	222.7	1.6
11:45	.8	249.3	1.7	210.4	3.2	214.5	2.9	214.4	1.2
12:00	.8	230.6	2.0	214.9	2.6	220.1	2.1	219.5	1.0
12:15	.9	210.0	1.9	217.6	2.2	228.2	2.0	232.5	1.5
12:30	.2	250.7	2.0	229.6	1.6	226.7	2.2	242.4	1.4



## Daily Summary Report

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2/12/2019

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	112.8	1.1	188.7	4.8	216.2	9.1	202.7	12.3	210.1
00:15	130.3	1.8	203.9	5.4	206.9	9.3	196.8	14.0	212.0
00:30	153.4	2.6	210.5	5.9	203.3	10.1	196.4	15.7	215.3
00:45	175.4	3.5	202.0	6.0	200.6	10.4	197.3	15.8	214.5
01:00	166.0	6.5	188.6	6.6	199.1	9.9	198.0	15.4	217.2
01:15	215.0	4.5	201.0	7.9	199.1	10.4	202.3	14.8	220.9
01:30	248.0	3.6	204.4	7.8	195.3	10.0	199.1	15.8	219.0
01:45	214.1	2.9	196.2	8.6	190.7	11.5	196.1	15.7	214.9
02:00	187.4	3.0	195.4	8.6	191.0	11.4	199.7	15.5	219.5
02:15	184.2	3.5	194.4	7.6	197.8	10.6	198.3	15.9	214.9
02:30	193.4	3.8	202.1	8.3	200.6	14.5	197.0	17.7	216.7
02:45	201.9	5.0	200.9	9.1	194.9	13.4	195.2	16.8	215.1
03:00	204.9	5.8	195.5	8.8	191.9	12.0	194.3	16.0	210.6
03:15	206.4	6.0	199.3	8.8	194.4	12.8	197.4	15.0	210.0
03:30	212.3	6.6	201.7	9.5	196.6	12.6	199.5	13.9	219.1
03:45	212.7	6.9	205.3	10.6	197.5	12.8	209.3	15.5	219.8
04:00	206.9	7.2	209.1	13.3	197.3	15.6	209.2	16.5	219.0
04:15	209.6	7.4	210.9	12.8	201.8	17.2	202.7	16.0	220.0
04:30	212.1	8.8	208.6	12.1	202.2	17.0	205.0	16.0	220.0
04:45	208.5	10.8	204.2	12.7	197.8	16.5	208.0	16.0	221.0
05:00	209.6	10.1	203.7	13.2	197.9	16.0	211.0	15.0	221.0
05:15	210.7	10.4	199.0	14.0	194.6	15.5	214.0	15.0	222.0
05:30	203.3	11.7	194.9	14.6	192.5	15.1	217.5	14.5	222.6
05:45	202.1	12.3	196.8	14.8	204.6	15.3	216.0	15.1	217.0
06:00	206.8	11.7	201.1	13.3	211.7	16.0	218.0	16.3	222.7
06:15	206.4	10.8	201.8	13.2	207.0	15.0	221.0	15.5	226.0
06:30	198.0	10.8	194.5	12.9	219.4	14.4	223.0	14.7	225.7
06:45	192.5	11.7	189.3	14.3	223.9	13.8	225.0	13.4	224.9
07:00	192.5	11.9	190.3	13.9	222.9	14.5	226.4	15.0	222.0
07:15	191.1	12.2	188.8	13.0	201.0	15.7	231.1		
07:30	189.7	11.7	187.2	12.0	193.0	12.5	220.0		
07:45	189.4	11.3	186.4	12.5	198.0	13.0	215.0		
08:00	195.3	10.5	190.0	13.0	203.0	14.0	210.0		
08:15	202.4	9.5	193.5	13.3	208.4	14.8	207.8		
08:30	192.1	9.7	188.7	14.1	202.1	17.8	206.7		
08:45	187.7	10.8	186.1	14.3	190.4	18.6	198.7		
09:00	187.2	12.2	186.7	15.1	194.3	18.5	201.7		
09:15	190.2	13.2	188.8	15.5	196.8	17.4	206.2		
09:30	240.0	11.0	225.0	15.5	197.3	16.5	206.5		
09:45	280.5	9.5	271.7	15.4	197.9	16.5	207.0		
10:00	262.0	10.3	261.7	15.4	198.5	16.5	207.5		
10:15	263.0	9.0	255.0	15.3	199.1	16.5	208.0		
10:30	232.6	7.0	245.0	15.3	199.7	16.5	208.5		
10:45	228.1	5.0	239.8	15.2	200.3	16.5	209.0		
11:00	246.9	2.2	244.8	15.2	200.9	16.5	209.5		
11:15	247.6	1.7	238.8	15.1	201.5	16.5	210.0		
11:30	229.5	1.3	225.0	15.1	202.1	16.5	210.5		
11:45	204.2	1.0	212.0	15.0	202.7	16.5	211.0		
12:00	218.5	.8	201.8	15.0	203.3	16.5	211.4		
12:15	242.8	.9	253.9	14.9	203.9	16.5	211.8		
12:30	256.8	2.5	258.0	14.9	204.5	16.5	212.2		



## Daily Summary Report

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2/12/2019

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	16.4	223.0	17.2	223.8	16.6	221.9
00:15	17.3	225.3	17.7	223.6	16.4	221.9
00:30	17.6	225.7	17.9	224.4	16.2	224.6
00:45	16.5	222.1	16.9	224.0	16.7	221.4
01:00	15.0	220.0	16.1	221.7	20.3	215.4
01:15	14.3	223.4	16.6	219.0		
01:30	15.7	226.0	15.5	227.7		
01:45	17.3	220.3	16.0	227.9		
02:00	15.4	221.8	16.4	221.8		
02:15	15.0	227.8	16.1	222.8		
02:30	16.8	223.7	16.0	223.0		
02:45	17.5	220.7	16.0	224.0		
03:00	17.2	220.3	15.4	225.7		
03:15	18.9	218.8	16.0	225.0		
03:30	17.0	223.0				
03:45	15.8	227.1				
04:00	16.5	225.1				
04:15	16.0	226.0				
04:30	16.0	226.0				
04:45	16.0	227.0				
05:00	15.0	227.0				
05:15	15.0	227.0				
05:30	14.7	227.8				
05:45	15.0	226.0				
06:00	15.0	224.0				
06:15	15.4	222.7				
06:30	15.4	225.4				
06:45	14.7	216.8				
07:00	15.4	218.5				
07:15						
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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
12:45						
13:00						
13:15						
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22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	16.0	223.7	16.4	223.9	17.2	221.0
Max	18.9	227.8	17.9	227.9	20.3	224.6
Hr. of Max	13	22	02	07	04	02
Min	14.3	216.8	15.4	219.0	16.2	215.4
Count	29	29	14	14	5	5
Total						