

## Daily Summary Report

Site: ORNL Sodar

1/15/2018

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	.8	331.4	.4	90.7	.6	100.4	.4	98.1	.3
00:15	.9	345.0	.4	80.1	.8	98.6	.6	102.1	.1
00:30	.9	358.8	.4	69.2	.7	99.1	.6	107.7	.3
00:45	1.0	328.3	.4	69.1	.3	89.1	.5	109.5	.4
01:00	.8	351.6	.4	52.4	.3	79.2	.4	106.2	.4
01:15	.7	6.0	.3	38.6	.4	79.7	.4	99.3	.3
01:30	.4	2.8	.2	.1	.5	68.7	.4	105.3	.3
01:45	.6	302.0	.5	352.2	.3	55.0	.3	103.0	.2
02:00	.3	142.2	.6	3.2	.3	54.3	.3	92.7	.1
02:15	.3	143.2	.3	360.0	.2	55.0	.3	104.4	.2
02:30	.4	169.2	.3	36.4	.4	57.6	.3	87.7	.3
02:45	.5	164.3	.4	44.6	.6	74.9	.5	89.5	.2
03:00	.4	136.8	.5	39.2	.5	86.0	.5	104.6	.3
03:15	.4	218.7	.6	41.3	.6	68.0	.6	97.3	.3
03:30	1.3	307.5	.3	51.9	.7	56.1	.5	88.1	.2
03:45	.3	221.8	.3	71.2	.7	51.2	.6	88.0	.2
04:00	.3	169.9	.5	70.9	.8	61.3	.7	81.0	.3
04:15	.4	201.9	.5	82.5	1.0	80.4	.9	89.7	.5
04:30	.5	224.3	.5	89.6	1.0	93.3	1.1	111.6	.8
04:45	.5	218.8	.5	86.6	1.0	90.3	1.0	113.1	.9
05:00	.6	223.4	.5	68.8	.8	80.4	.5	75.9	.7
05:15	.6	223.7	.4	58.8	.7	73.9	.6	65.3	.7
05:30	.4	202.3	.4	42.0	1.0	75.8	.8	85.9	.8
05:45	.4	185.7	.3	21.1	.9	74.5	.5	81.1	1.0
06:00	.4	170.7	.3	37.5	.7	72.0	.4	58.3	1.3
06:15	.5	152.1	.5	97.4	.6	81.9	.2	83.7	1.5
06:30	.5	152.4	.7	114.2	.5	100.3	.4	141.0	1.6
06:45	.6	146.5	.7	102.4	.5	104.1	.7	136.8	1.6
07:00	.5	140.8	.5	73.7	.3	82.6	.6	131.3	1.4
07:15	.5	148.6	.4	55.8	.3	107.9	.6	144.3	1.9
07:30	.4	161.4	.3	62.4	.6	140.4	1.1	159.3	2.4
07:45	.5	157.6	.5	53.2	.6	124.3	1.1	157.9	2.2
08:00	1.4	201.0	.5	48.5	.6	104.3	1.0	141.2	2.0
08:15	1.0	246.0	.5	61.9	.6	107.7	.9	150.4	2.1
08:30	1.3	261.0	.6	59.4	.5	113.9	.9	171.5	2.3
08:45	1.2	258.0	.4	29.7	.3	136.0	1.0	183.6	2.8
09:00	.7	266.8	.1	73.9	.3	157.5	1.1	182.9	3.3
09:15	.4	327.8	.2	99.8	.6	185.6	1.5	201.2	3.9
09:30	1.0	355.3	.3	75.6	.9	193.5	2.0	210.7	4.5
09:45	.5	345.7	.1	345.8	.7	200.0	1.8	214.0	4.1
10:00	.7	352.7	.2	122.5	.9	208.4	1.9	219.4	3.8
10:15	.6	311.5	.5	134.0	.9	213.8	1.9	219.6	4.0
10:30	.4	298.0	.4	210.9	.9	232.5	1.9	228.5	4.0
10:45	.2	37.5	.6	240.6	1.4	244.2	2.1	238.1	3.8
11:00	.1	52.7	.5	255.1	1.5	259.4	2.1	246.7	3.5
11:15	.3	285.0	.8	250.2	1.4	249.9	2.3	237.6	3.5
11:30	.2	329.8	.9	216.2	1.6	231.9	2.1	222.3	2.9
11:45	.1	83.9	1.2	222.2	2.2	228.4	2.5	220.1	2.8
12:00	.4	293.3	2.5	242.6	3.2	228.1	3.7	221.1	4.4
12:15	.8	273.5	2.5	230.1	3.1	221.4	3.5	215.9	4.5



## Daily Summary Report

Site: ORNL Sodar

1/15/2018

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	144.2	.4	34.1	.5	192.1	.8	233.1	4.5	250.6
00:15	115.8	.2	84.0	.4	287.5	1.0	245.0	4.4	245.0
00:30	52.4	.2	130.2	.7	215.2	.6	210.0	4.2	240.0
00:45	109.6	.3	130.9	1.2	212.5	.6	190.0	4.1	235.0
01:00	127.7	.3	161.5	1.2	213.8	.6	168.2	4.0	230.0
01:15	115.7	.3	167.3	1.3	199.8	1.8	182.3	3.8	222.0
01:30	130.2	.2	157.6	.5	198.6	3.0	210.6	3.8	214.4
01:45	143.3	.1	303.0	.4	251.4	4.7	216.9	6.6	210.2
02:00	131.3	.2	240.4	1.9	231.7	5.0	218.1	7.0	210.0
02:15	158.7	.1	234.4	2.2	235.2	4.5	224.3	8.0	209.0
02:30	139.6	.6	203.1	1.7	233.6	4.0	223.7	8.5	209.0
02:45	127.6	.9	202.5	2.1	228.2	2.2	267.0	9.0	208.0
03:00	182.7	.9	196.7	2.7	228.8	4.0	255.0	10.0	208.0
03:15	176.6	.8	203.3	3.0	232.1	6.0	245.0	11.0	207.0
03:30	202.9	.7	235.2	4.6	230.5	8.0	235.0	11.5	207.0
03:45	236.5	1.7	236.6	6.3	224.8	9.5	225.0	12.0	206.0
04:00	215.6	2.5	236.5	6.6	223.9	10.6	213.4	13.0	206.0
04:15	223.3	2.5	239.4	6.6	221.2	9.6	217.2	13.5	206.0
04:30	217.2	3.0	236.5	6.8	215.9	10.1	215.2	14.0	206.0
04:45	218.5	3.1	237.5	6.7	219.5	10.9	211.2	14.2	205.2
05:00	255.7	3.0	249.3	6.6	230.4	10.8	215.4	14.2	207.0
05:15	248.1	3.1	239.6	7.4	223.0	10.2	209.7	14.1	209.0
05:30	228.3	3.1	229.4	8.0	218.1	9.8	205.8	14.0	211.0
05:45	243.8	3.2	239.7	7.3	226.7	10.8	214.0	14.0	213.1
06:00	261.1	3.8	247.8	7.6	227.3	12.0	210.0	14.2	211.3
06:15	259.9	4.0	244.7	7.9	227.7	12.0	210.0	14.1	208.3
06:30	240.3	4.3	237.1	8.1	227.4	11.5	209.5	14.0	210.0
06:45	222.7	4.4	229.0	8.5	226.2	11.1	208.2	14.0	212.0
07:00	232.9	4.1	236.5	8.1	231.1	11.3	211.1	13.8	214.0
07:15	227.7	4.2	236.2	8.1	229.9	10.9	214.9	13.5	216.0
07:30	209.3	4.5	223.0	8.9	224.4	10.7	208.1	13.4	218.3
07:45	204.2	4.3	224.3	8.9	223.1	11.1	204.3	13.9	211.7
08:00	197.0	4.1	222.8	8.1	218.1	11.4	202.1	14.0	210.0
08:15	204.3	4.6	224.1	8.4	214.5	11.1	203.8	14.5	209.0
08:30	217.3	4.8	230.6	9.6	218.2	11.1	206.6	15.0	208.0
08:45	220.3	5.6	231.6	9.9	219.3	11.5	207.6	15.4	206.8
09:00	220.2	6.5	227.5	9.1	214.0	11.2	203.6	14.9	202.9
09:15	224.7	6.6	227.7	8.8	213.2	10.9	199.7	13.4	202.8
09:30	223.3	7.1	224.2	9.3	211.4	11.5	200.5	13.3	205.0
09:45	218.7	7.0	220.0	9.4	210.1	11.8	201.2	13.0	208.0
10:00	221.2	6.3	220.9	9.1	211.5	11.4	201.1	12.8	211.0
10:15	220.5	6.4	217.8	9.0	210.8	11.1	200.8	12.7	214.5
10:30	224.5	6.1	220.8	8.3	214.7	11.2	202.0	12.7	209.7
10:45	231.7	5.4	228.8	8.0	221.0	11.2	202.6	14.1	202.3
11:00	239.6	4.9	233.7	8.1	221.4	10.9	202.7	13.5	203.8
11:15	234.8	5.0	231.0	7.7	213.5	10.5	202.7	12.8	205.0
11:30	211.5	4.1	212.7	6.9	202.9	10.1	200.9	12.2	208.6
11:45	202.5	3.5	198.7	6.0	200.5	9.6	200.8	12.6	207.2
12:00	213.3	4.1	207.5	5.6	207.7	8.3	205.2	11.7	210.6
12:15	212.1	4.8	202.9	5.9	207.2	7.7	209.8	10.9	213.0



## Daily Summary Report

Site: ORNL Sodar

1/15/2018

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						
03:30						
03:45						
04:00						
04:15						
04:30						
04:45						
05:00						
05:15						
05:30						
05:45						
06:00						
06:15						
06:30						
06:45						
07:00						
07:15						
07:30						
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						
12:00	14.3	215.7				
12:15	12.3	218.8				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	11.7	220.7				
12:45	10.9	218.8	10.6	233.9	12.5	226.4
13:00	10.6	220.0	10.4	234.0		
13:15	11.0	222.0				
13:30	11.5	223.0				
13:45	12.0	224.0				
14:00	12.5	225.0				
14:15	13.0	226.0				
14:30	13.5	227.0				
14:45	13.5	228.0				
15:00	13.8	229.0				
15:15	14.0	230.0				
15:30	14.2	230.3				
15:45	14.2	230.1				
16:00	14.2	229.9				
16:15	14.2	229.7				
16:30	14.2	229.5				
16:45	14.3	229.3				
17:00	14.3	229.1				
17:15	14.3	228.9				
17:30	14.3	228.7				
17:45	14.3	228.5				
18:00	14.4	228.3				
18:15	14.4	228.1				
18:30	14.4	227.9				
18:45	14.4	227.7				
19:00	14.4	227.5				
19:15	14.5	227.3				
19:30	14.5	227.1				
19:45	14.5	226.9				
20:00	14.5	226.7				
20:15	14.5	226.5				
20:30	14.6	226.3				
20:45	14.6	226.1				
21:00	14.6	225.9				
21:15	14.6	225.7				
21:30	14.6	225.5				
21:45	14.7	225.3				
22:00	14.7	225.1				
22:15	14.7	224.9				
22:30	14.7	224.7				
22:45	14.7	224.5				
23:00	14.8	224.3				
23:15	14.8	224.1				
23:30	14.8	223.9				
23:45	14.8	223.7				
Avg	13.9	226.0	10.5	234.0	12.5	226.4
Max	14.8	230.3	10.6	234.0	12.5	226.4
Hr. of Max	95	62	51	52	51	51
Min	10.6	215.7	10.4	233.9	12.5	226.4
Count	48	48	2	2	1	1
Total						