

## Daily Summary Report

Site: ORNL Sodar

12/14/2018

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	3.3	78.8	4.0	64.4	4.6	71.9	6.2	73.2	6.3
00:15	2.9	75.3	3.2	64.9	4.8	69.6	6.2	72.7	6.2
00:30	3.0	77.8	3.9	64.4	5.6	65.8	6.5	71.9	5.7
00:45	3.3	79.2	5.0	66.8	6.2	65.6	6.7	72.9	5.6
01:00	3.6	84.0	5.1	66.1	6.1	68.0	6.5	70.8	6.2
01:15	3.7	84.7	5.1	64.6	5.6	70.2	6.3	70.5	6.3
01:30	3.8	82.6	4.7	64.5	5.7	65.6	6.9	68.0	6.6
01:45	3.2	81.9	4.4	66.3	6.0	61.3	7.5	60.4	7.2
02:00	3.2	76.5	4.3	60.7	5.9	56.9	7.5	55.9	7.3
02:15	2.5	65.7	4.2	54.0	5.7	50.2	7.2	52.8	7.3
02:30	3.1	66.7	4.3	61.2	5.8	53.4	7.2	53.8	7.7
02:45	3.5	79.9	4.5	70.6	5.6	61.2	7.2	60.5	7.8
03:00	2.4	82.8	4.0	68.4	5.3	60.1	6.8	60.8	7.5
03:15	2.4	84.8	3.4	68.0	5.3	59.2	7.0	59.3	7.5
03:30	2.7	84.6	3.7	72.6	5.7	63.0	7.2	62.2	7.5
03:45	2.5	80.8	3.8	71.5	5.9	61.8	7.3	62.1	7.6
04:00	1.9	87.9	3.4	66.4	5.4	57.2	7.1	59.5	7.7
04:15	1.4	76.8	3.0	60.2	5.0	50.6	6.7	53.7	7.5
04:30	2.1	68.3	2.8	57.1	4.8	47.0	6.4	49.7	7.5
04:45	2.2	68.0	2.7	58.4	4.4	48.2	5.8	49.0	7.3
05:00	1.9	58.4	2.6	61.2	4.3	49.6	5.3	47.9	6.8
05:15	2.2	54.9	2.8	59.1	4.6	50.8	5.7	51.5	7.2
05:30	2.0	63.4	3.1	58.9	4.8	53.7	5.9	54.5	7.8
05:45	2.3	65.8	3.7	60.2	5.7	54.6	6.6	53.6	8.4
06:00	3.0	69.4	4.3	62.9	6.5	56.8	8.0	54.5	9.3
06:15	2.9	72.7	4.2	62.1	6.5	59.7	8.0	55.2	9.8
06:30	4.0	64.7	4.5	57.4	6.7	54.9	8.2	54.6	10.3
06:45	3.8	56.2	4.8	57.5	6.8	52.0	8.7	54.2	10.6
07:00	3.4	54.8	5.1	62.1	6.9	52.5	8.3	52.9	10.3
07:15	3.1	58.0	5.5	66.9	7.1	54.6	8.5	54.7	10.5
07:30	1.9	58.0	6.3	74.3	7.2	60.0	8.8	57.8	10.7
07:45	2.2	70.0	5.1	71.8	6.8	60.6	8.5	59.2	10.7
08:00	4.4	77.6	4.6	66.4	6.6	57.9	8.5	57.1	10.6
08:15	3.0	73.0	6.9	77.0	6.4	59.1	8.2	57.7	10.2
08:30	1.9	68.2	5.9	82.6	5.5	63.6	7.4	60.9	9.6
08:45	2.1	70.0	3.3	76.2	5.3	65.0	7.3	62.0	9.7
09:00	2.8	72.0	3.6	66.7	5.6	63.2	7.6	61.9	9.9
09:15	2.6	70.2	4.4	70.4	6.0	62.8	7.7	62.3	9.9
09:30	2.5	60.0	5.6	75.4	6.5	64.2	8.3	63.3	10.1
09:45	2.4	52.0	5.4	73.6	6.2	60.4	8.4	59.5	10.1
10:00	2.2	43.7	4.9	75.5	6.1	59.3	8.2	57.4	9.8
10:15	2.8	75.5	4.6	72.8	6.4	62.3	8.3	61.1	9.7
10:30	1.1	45.8	3.9	68.2	6.2	59.4	7.9	60.7	9.3
10:45	1.1	37.8	3.3	72.6	5.5	59.5	7.3	59.4	8.9
11:00	1.6	25.3	3.4	71.3	5.3	58.0	7.3	55.9	9.1
11:15	1.5	55.4	4.0	74.5	5.9	60.3	7.7	56.3	9.9
11:30	2.2	73.1	4.0	75.4	6.3	64.0	7.5	57.3	9.9
11:45	1.9	68.7	4.5	72.0	7.3	63.1	8.2	56.5	10.1
12:00	6.9	84.4	5.1	76.6	7.4	63.5	9.0	61.4	10.3
12:15	3.1	81.2	4.3	76.8	5.9	64.7	8.4	63.0	10.2
12:30	2.0	67.0	4.4	80.6	5.1	67.9	8.2	63.3	10.0



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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	88.1	4.7	111.7	7.0	144.0	9.4	151.0		
00:15	87.8	4.8	111.5	7.3	145.4	9.4	149.0		
00:30	88.1	4.7	114.8	7.8	146.3	9.4	148.0		
00:45	88.6	4.5	117.1	7.9	143.0	9.4	147.0		
01:00	85.3	4.9	112.4	7.1	139.7	9.4	146.0		
01:15	85.3	5.4	113.8	7.8	143.2	9.4	144.5		
01:30	83.7	5.9	108.6	7.5	141.3	9.0	144.0		
01:45	77.0	6.6	96.7	6.4	128.5	8.5	144.0		
02:00	70.6	6.8	88.7	6.1	116.9	8.0	144.0		
02:15	67.4	6.4	87.2	6.0	120.3	8.0	144.0		
02:30	67.6	6.6	89.5	6.1	124.2	7.6	143.9		
02:45	71.7	6.8	91.8	5.4	123.6	7.4	143.2		
03:00	72.7	6.5	91.4	4.9	125.2	7.0	144.0		
03:15	73.2	6.7	90.6	4.9	125.9	7.5	146.0	9.9	146.5
03:30	75.1	7.3	91.5	5.3	125.2	7.2	145.5	10.2	143.9
03:45	75.6	7.7	92.7	5.9	121.3	7.7	141.7	10.5	145.0
04:00	74.0	7.6	92.1	6.0	119.4	7.6	135.8	11.0	146.0
04:15	67.0	7.6	84.3	6.5	118.3	7.3	136.6	11.0	147.0
04:30	61.8	7.8	77.3	6.9	112.4	7.7	138.5	11.7	148.2
04:45	59.3	7.5	74.3	7.0	104.3	6.9	135.5	10.9	149.1
05:00	57.7	7.4	75.7	6.5	102.0	6.5	135.3	11.1	146.2
05:15	58.7	8.3	75.5	6.5	101.1	6.6	131.7	10.5	142.0
05:30	59.7	8.7	73.8	7.2	99.3	7.0	129.2	10.0	140.0
05:45	59.8	8.8	73.3	7.7	97.2	7.3	128.3	9.5	138.4
06:00	62.2	9.9	69.9	8.8	92.2	7.5	121.4	9.6	137.0
06:15	64.3	10.7	69.8	10.0	85.1	7.9	110.4	9.6	136.0
06:30	60.9	11.2	71.9	10.7	87.5	7.9	105.8	9.7	135.0
06:45	58.5	11.9	70.2	11.1	87.8	8.9	105.7	9.8	134.0
07:00	57.7	12.1	68.2	11.5	80.2	9.3	100.6	9.9	133.0
07:15	58.6	12.3	67.7	12.5	79.8	9.4	96.5	10.0	132.0
07:30	60.3	12.6	69.0	13.1	80.4	9.6	94.0	10.0	131.0
07:45	59.3	12.5	68.1	13.5	79.9	9.7	92.0	10.1	130.0
08:00	57.7	12.0	67.9	13.7	78.5	9.8	89.0	10.2	129.0
08:15	59.9	11.5	69.5	13.3	79.9	8.0	90.0	10.3	128.0
08:30	62.2	11.8	68.7	13.8	79.5	8.5	93.0	10.4	127.0
08:45	63.9	12.2	70.6	13.7	78.7	9.0	95.0	10.5	126.0
09:00	65.2	11.9	71.4	13.3	83.0	9.7	97.5	10.6	125.0
09:15	66.1	11.5	69.7	13.3	81.5	9.9	97.5	10.7	124.0
09:30	66.2	11.4	67.4	12.9	80.1	11.0	96.2	10.8	123.0
09:45	63.6	11.2	65.7	12.4	80.7	12.6	95.9	11.0	122.0
10:00	62.7	11.5	67.4	12.2	79.5	12.7	95.9	11.3	121.3
10:15	63.7	11.4	68.3	12.2	78.4	11.4	95.6	10.1	121.0
10:30	60.7	10.6	64.2	11.7	79.5	11.3	99.3	8.9	122.2
10:45	59.7	10.5	62.8	11.3	81.0	10.2	98.6	9.8	124.4
11:00	60.4	10.3	64.5	11.7	79.3	10.2	94.1	9.0	115.0
11:15	57.9	10.7	64.4	12.1	76.4	10.5	88.3	8.5	105.0
11:30	60.0	10.9	63.5	11.9	76.8	10.1	93.3	10.1	116.7
11:45	60.3	11.6	63.4	12.5	76.9	10.6	91.2	10.2	120.2
12:00	59.2	12.3	64.5	13.2	76.4	10.9	87.1	9.1	116.0
12:15	60.3	12.0	64.0	13.6	77.8	11.5	84.7	10.0	105.0
12:30	57.8	11.8	62.8	13.6	78.6	12.1	85.3	10.0	106.0



## Daily Summary Report

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12/14/2018

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	12.2	121.2				
10:30	12.0	122.0				
10:45	11.5	124.0				
11:00	11.5	125.0				
11:15	11.0	126.0				
11:30	11.0	128.0				
11:45	10.6	129.1				
12:00	10.1	127.9				
12:15	11.6	119.1				
12:30	11.0	120.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	11.0	120.0				
13:00	11.0	122.0				
13:15	11.0	122.0				
13:30	11.0	123.0				
13:45	11.0	123.0				
14:00	11.0	124.0				
14:15	10.6	124.2				
14:30	10.8	122.0				
14:45	11.0	117.8				
15:00	11.4	121.1				
15:15	11.1	129.4				
15:30	10.4	125.2				
15:45	10.5	126.0				
16:00	10.5	127.0				
16:15	10.7	127.7				
16:30	10.4	126.0				
16:45	10.4	121.0				
17:00	10.3	123.0				
17:15	10.2	125.0				
17:30	10.1	127.0				
17:45	10.0	128.0				
18:00	9.9	130.0				
18:15	9.8	132.0				
18:30	9.7	133.0				
18:45	9.6	135.0				
19:00	9.5	136.0				
19:15	9.4	138.0				
19:30	9.3	140.0				
19:45	9.2	142.0				
20:00	9.1	144.0				
20:15	9.0	146.0				
20:30	8.9	148.0				
20:45	8.8	150.0				
21:00	8.7	152.0				
21:15	8.5	154.0				
21:30	8.4	156.0				
21:45	8.7	151.7				
22:00	10.2	144.3				
22:15	11.2	141.8				
22:30	10.6	139.3				
22:45	10.6	138.5				
23:00	11.0	139.0				
23:15	11.5	141.0				
23:30	12.0	143.0				
23:45	12.1	145.8				
Avg	10.4	132.1				
Max	12.2	156.0				
Hr. of Max	41	86				
Min	8.4	117.8				
Count	55	55	0	0	0	0
Total						