

## Daily Summary Report

Site: ORNL Sodar

11/8/2018

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	2.5	40.0	3.2	45.6	5.1	40.5	6.7	41.1	8.4
00:15	3.7	23.5	3.4	34.1	5.0	31.4	6.8	33.6	8.5
00:30	2.6	27.6	3.8	25.6	5.8	30.6	7.5	30.6	9.1
00:45	2.6	16.3	3.8	18.1	5.8	27.7	8.0	26.1	8.5
01:00	3.6	.6	3.1	17.0	5.2	23.5	7.6	24.0	9.8
01:15	2.8	359.0	2.9	31.0	5.1	25.4	7.5	24.1	10.4
01:30	1.6	8.6	2.0	28.7	3.6	31.5	5.8	28.3	6.8
01:45	.5	67.4	.8	32.5	2.3	49.4	4.2	43.6	6.1
02:00	.4	53.0	1.2	56.6	2.3	60.6	3.7	51.4	5.6
02:15	.9	25.7	1.4	51.7	2.6	53.7	3.9	48.1	5.9
02:30	1.1	39.0	1.6	62.7	3.3	51.9	4.5	46.0	5.7
02:45	1.2	46.1	1.5	61.0	3.4	52.8	4.7	44.1	5.5
03:00	.9	55.3	1.3	46.5	3.0	45.4	4.6	39.7	5.4
03:15	.8	39.7	1.5	42.3	3.2	40.3	4.5	36.0	4.8
03:30	1.2	32.5	1.9	42.3	3.6	39.2	5.2	35.8	5.8
03:45	1.2	38.5	1.9	44.5	3.6	40.8	5.8	38.4	7.3
04:00	1.2	40.8	1.7	40.7	3.8	40.4	5.8	39.3	8.0
04:15	1.8	24.1	1.9	36.3	4.1	37.5	6.1	36.3	8.8
04:30	1.1	36.9	2.3	38.0	4.2	38.1	6.4	34.6	8.9
04:45	1.2	34.8	2.0	41.6	4.0	40.3	6.3	36.7	9.2
05:00	1.7	26.3	1.8	49.0	3.8	41.3	5.9	39.4	9.2
05:15	1.7	30.4	2.2	42.5	4.0	37.7	5.9	37.2	8.8
05:30	1.4	27.1	2.5	33.8	4.4	36.1	6.3	34.0	8.7
05:45	1.5	29.8	2.8	35.2	4.6	37.3	6.7	34.0	9.4
06:00	1.7	41.7	3.0	36.2	4.8	38.2	6.8	36.4	10.1
06:15	2.0	56.5	3.1	35.9	5.0	40.6	6.8	38.1	10.2
06:30	2.3	60.5	3.5	37.3	5.5	43.3	7.4	39.7	10.3
06:45	2.2	47.0	4.0	37.2	6.0	42.1	8.0	39.4	10.6
07:00	2.4	51.6	3.6	38.6	5.7	38.0	7.7	37.6	10.7
07:15	2.4	54.1	3.3	40.3	5.4	42.5	7.5	40.3	10.3
07:30	2.6	55.5	3.5	38.8	5.3	45.8	7.3	43.5	9.9
07:45	2.6	53.2	3.6	45.9	5.4	44.4	7.0	44.5	9.5
08:00	2.6	51.8	4.2	56.0	5.8	45.3	7.4	45.8	9.7
08:15	2.1	54.0	4.9	57.0	6.5	45.4	8.1	44.5	10.5
08:30	2.4	63.8	4.9	59.0	6.2	46.0	7.9	42.9	10.1
08:45	2.3	73.5	4.6	61.8	5.5	50.6	7.0	46.5	9.0
09:00	1.9	66.0	4.4	59.8	5.7	53.0	6.9	50.0	8.8
09:15	2.0	76.7	4.0	58.3	5.6	55.5	6.8	51.9	8.4
09:30	1.7	71.2	3.6	69.0	4.7	53.5	6.1	50.1	7.7
09:45	.7	53.6	2.2	74.8	3.5	39.0	5.4	42.8	7.7
10:00	.2	344.1	.8	51.7	3.6	43.6	5.7	44.0	7.8
10:15	.0	295.1	.7	58.1	3.7	51.3	5.7	44.7	7.6
10:30	.0	49.7	.7	27.2	2.8	46.6	4.7	41.2	7.2
10:45	1.6	93.5	1.6	55.1	3.6	69.4	5.3	60.2	7.1
11:00	2.7	93.4	2.3	67.6	3.5	74.0	5.1	64.7	6.6
11:15	.7	92.7	1.4	55.5	2.4	67.6	3.3	56.6	3.8
11:30	.3	100.1	1.5	66.9	1.8	70.5	1.9	65.0	2.2
11:45	.2	186.2	1.5	72.5	1.2	62.9	1.3	60.0	1.6
12:00	.2	180.4	.3	116.3	.4	69.3	.7	52.6	1.1
12:15	.2	170.4	.4	145.7	.4	93.4	.9	71.7	2.1
12:30	.2	176.0	.6	94.6	1.0	70.9	1.6	64.7	3.2



## Daily Summary Report

Site: ORNL Sodar

11/8/2018

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	40.3	9.8	44.3	11.5	56.0	9.3	39.5	8.8	32.9
00:15	35.4	9.0	37.4	6.5	8.6	8.0	14.7	9.0	33.0
00:30	33.2	9.0	40.8	7.0	8.0	9.0	17.0	9.0	33.0
00:45	25.0	8.2	33.6	8.0	7.0	10.0	20.0	9.0	33.0
01:00	9.1	7.8	17.6	9.0	6.0	11.0	22.0	9.5	33.0
01:15	7.2	9.1	6.2	10.3	3.0	12.5	25.8	9.5	34.0
01:30	19.9	8.7	8.4	9.9	4.1	11.0	9.2	9.5	34.0
01:45	33.6	6.9	19.1	9.3	7.3	10.7	9.0	10.0	34.0
02:00	40.1	7.2	19.9	8.8	6.7	10.3	8.4	10.0	35.0
02:15	34.7	8.1	14.5	9.7	4.7	9.8	18.5	10.5	35.0
02:30	30.4	8.0	13.1	10.4	6.4	10.0	21.0	10.5	35.0
02:45	27.3	8.1	9.7	9.5	4.6	10.0	24.0	11.0	35.0
03:00	26.6	7.4	12.6	9.1	9.7	10.0	27.0	11.5	36.0
03:15	24.0	7.6	12.7	8.2	27.0	10.3	30.0	11.5	36.0
03:30	26.2	10.1	11.7	8.4	50.0	10.3	33.0	12.0	36.0
03:45	25.9	11.0	10.2	11.4	17.1	10.5	36.0	12.5	36.0
04:00	25.6	10.4	17.2	9.7	26.8	10.7	39.1	12.8	37.0
04:15	26.0	10.5	19.4	9.0	31.5	10.4	37.9	13.2	37.0
04:30	26.4	10.1	23.9	10.1	35.5	12.5	40.4	13.7	37.7
04:45	29.9	11.2	28.6	11.5	37.0	12.3	37.1	13.5	39.2
05:00	30.2	12.1	26.4	11.0	38.3	10.4	39.5	13.5	40.7
05:15	28.9	11.4	34.3	10.8	42.7	10.5	39.1	13.5	42.2
05:30	27.8	10.3	27.1	11.3	38.7	12.6	39.4	13.5	43.7
05:45	27.3	10.8	25.9	11.9	43.6	12.4	40.0	13.5	45.2
06:00	30.2	13.9	31.3	12.5	48.2	12.4	41.0	13.5	46.7
06:15	33.4	13.6	30.5	13.1	37.8	12.4	42.0	13.5	48.2
06:30	36.0	12.7	33.2	13.4	36.0	12.4	43.0	13.5	49.7
06:45	37.4	13.4	39.8	13.7	35.0	12.4	44.0	13.5	51.2
07:00	36.8	12.9	41.0	13.5	40.7	12.4	45.0	13.5	52.7
07:15	38.4	12.0	42.6	13.9	41.4	12.4	46.0	13.5	54.2
07:30	41.8	12.1	45.7	13.5	45.1	12.4	47.0	13.5	55.7
07:45	43.8	11.9	46.0	14.7	49.2	12.4	48.0	13.5	57.2
08:00	43.6	12.0	45.4	15.0	49.9	12.4	49.0	13.5	58.7
08:15	44.4	12.8	49.4	13.7	51.6	12.4	50.0	13.5	60.2
08:30	45.1	12.1	51.5	12.3	55.1	12.4	51.0	13.5	61.7
08:45	47.3	11.3	52.8	12.0	58.9	12.4	52.0	13.5	63.2
09:00	50.8	11.1	56.1	14.5	65.5	12.4	53.0	13.5	64.7
09:15	54.1	9.9	59.0	12.6	68.5	12.4	54.0	13.5	66.2
09:30	54.4	9.0	61.0	12.4	69.3	12.4	55.0	13.5	67.7
09:45	50.0	9.1	59.4	12.3	68.9	12.4	56.0	13.5	69.2
10:00	49.9	9.3	57.6	12.5	67.8	12.4	57.0	13.5	70.7
10:15	50.9	9.5	54.7	13.1	66.9	12.4	58.0	13.5	72.2
10:30	48.7	9.7	52.7	13.1	66.1	12.4	59.0	13.5	73.7
10:45	52.7	9.4	55.4	13.3	65.2	12.4	60.0	13.5	75.2
11:00	53.0	8.2	54.9	11.1	65.0	12.3	67.4	13.5	76.7
11:15	49.7	5.9	56.3	8.4	61.7	10.8	67.8	13.4	71.9
11:30	72.8	3.9	70.0	6.8	63.2	9.1	68.2	12.2	71.8
11:45	75.6	3.3	65.4	6.1	60.2	8.5	61.9	10.9	77.2
12:00	35.0	2.8	57.4	6.0	57.7	8.4	58.5	11.0	75.0
12:15	51.2	4.6	47.0	7.4	56.8	9.5	60.9	11.5	70.0
12:30	63.0	5.5	46.2	8.5	53.8	9.4	55.0	12.0	65.0



## Daily Summary Report

Site: ORNL Sodar

11/8/2018

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						
12:15						
12:30						

	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						
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						
18:00						
18:15						
18:30						
18:45						
19:00						
19:15						
19:30						
19:45						
20:00						
20:15	7.8	85.7				
20:30	7.8	88.0				
20:45	7.9	90.7				
21:00	7.5	93.7				
21:15	6.3	104.0	6.3	118.8		
21:30	5.9	106.6				
21:45	5.0	105.0				
22:00	4.0	104.0				
22:15	3.6	102.9				
22:30	5.5	122.0				
22:45	7.2	145.8				
23:00	7.5	151.4				
23:15	7.9	154.6				
23:30	8.2	165.5				
23:45	8.1	169.0				
Avg	6.7	119.3	6.3	118.8		
Max	8.2	169.0	6.3	118.8		
Hr. of Max	94	95	85	85		
Min	3.6	85.7	6.3	118.8		
Count	15	15	1	1	0	0
Total						