

## Daily Summary Report

Site: ORNL Sodar

11/4/2018

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	1.4	59.1	2.4	51.2	3.0	69.2	3.5	81.0	4.4
00:15	1.4	59.2	2.1	51.4	2.6	69.2	3.2	83.2	3.8
00:30	1.4	65.8	1.7	56.0	2.1	68.6	3.2	83.5	5.1
00:45	1.1	66.2	1.5	62.0	2.0	73.4	2.9	82.3	5.3
01:00	1.0	73.1	1.8	63.9	2.7	79.4	3.3	85.1	5.7
01:15	.8	72.6	1.7	65.7	2.5	79.0	3.4	86.4	5.7
01:30	1.0	73.1	1.6	66.3	2.2	77.8	3.3	85.9	5.6
01:45	1.8	76.6	2.2	65.8	2.6	75.6	3.8	84.3	5.8
02:00	2.6	79.3	3.0	73.5	3.7	80.8	4.4	86.3	5.8
02:15	2.9	79.5	3.2	81.2	3.6	82.6	4.8	89.9	5.5
02:30	2.9	82.9	3.1	80.4	3.3	83.6	4.1	92.8	5.0
02:45	2.6	84.6	2.9	78.4	2.9	85.4	3.9	93.1	4.7
03:00	1.6	75.4	2.7	84.6	2.4	84.9	4.0	89.6	4.6
03:15	1.1	67.9	2.3	84.3	2.0	86.0	3.4	86.8	4.4
03:30	1.1	70.5	1.9	79.7	1.5	84.3	2.7	85.8	4.1
03:45	1.6	74.5	1.7	68.3	1.8	74.6	2.6	81.5	4.1
04:00	2.0	77.9	2.0	58.1	2.3	72.1	3.4	79.3	3.9
04:15	1.7	82.5	2.3	62.9	2.7	72.5	3.8	80.2	3.6
04:30	1.2	86.6	2.0	73.0	2.6	76.0	3.7	83.6	3.5
04:45	1.9	88.5	1.7	74.3	2.5	78.6	3.7	85.5	3.3
05:00	1.0	72.0	2.0	66.1	3.2	76.2	4.3	83.7	3.1
05:15	2.2	85.5	2.2	72.3	3.6	78.7	4.5	83.4	3.4
05:30	1.5	84.2	2.1	85.8	3.7	83.1	4.3	85.5	4.0
05:45	1.2	86.8	2.9	84.9	3.5	84.8	4.4	87.4	4.7
06:00	1.1	87.8	3.3	78.6	2.9	85.6	4.7	87.1	5.2
06:15	1.1	79.8	2.4	73.3	2.4	85.8	4.4	86.8	5.1
06:30	1.4	66.2	2.0	69.4	2.3	83.2	4.4	83.9	4.6
06:45	1.7	68.3	2.4	64.1	2.4	72.9	4.4	77.2	4.7
07:00	1.7	79.4	2.4	53.7	2.5	63.9	4.0	71.4	5.0
07:15	1.8	78.7	2.3	46.3	3.0	59.7	4.0	70.3	5.2
07:30	1.4	83.4	2.0	42.0	3.1	54.2	3.7	67.5	5.5
07:45	.9	103.9	1.7	43.3	2.7	48.9	3.2	66.2	5.5
08:00	.9	103.9	1.7	57.4	2.6	54.4	3.4	69.7	5.4
08:15	.5	96.8	1.6	62.9	2.4	54.2	3.3	67.0	5.1
08:30	.3	99.6	1.0	66.2	2.0	43.9	2.9	55.2	4.1
08:45	.4	99.6	1.0	71.5	1.8	45.4	2.6	51.7	3.3
09:00	.5	86.7	1.0	57.6	1.4	45.1	1.8	50.3	3.1
09:15	.6	83.9	1.3	52.3	1.3	44.6	1.7	57.9	2.8
09:30	.9	87.8	1.3	60.9	1.5	69.3	2.4	78.7	3.0
09:45	1.0	88.7	1.0	83.7	1.7	79.6	2.8	87.5	2.9
10:00	.7	63.4	.5	72.3	1.1	59.7	1.6	91.5	2.0
10:15	.4	49.6	.2	309.7	.4	343.6	.2	195.5	1.2
10:30	.6	114.2	.8	178.9	.9	199.6	1.7	188.1	2.3
10:45	.7	123.7	1.3	175.8	1.7	173.2	2.8	173.4	3.5
11:00	.5	132.3	1.4	181.1	1.7	172.7	2.2	169.1	3.3
11:15	.6	154.3	1.5	191.0	1.2	190.5	1.0	181.5	2.3
11:30	1.5	201.4	3.0	189.2	2.5	187.3	2.4	188.8	3.2
11:45	1.7	217.3	2.9	190.2	2.8	187.9	2.5	187.7	3.0
12:00	1.9	210.5	2.6	214.3	2.7	200.0	2.9	186.7	4.0
12:15	1.9	198.0	2.7	205.4	2.6	193.8	3.6	181.3	4.3
12:30	1.1	180.5	2.4	173.1	2.0	158.5	2.4	166.4	1.6



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11/4/2018

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	90.1	5.6	92.7	4.3	104.7	3.2	117.1	2.5	117.5
00:15	93.3	2.9	95.0	3.6	113.8	2.3	136.3	5.4	158.3
00:30	92.6	5.6	94.7	4.4	119.8	4.3	135.7	6.2	160.6
00:45	91.6	5.5	100.3	4.4	128.6	4.9	159.2	6.5	167.0
01:00	93.5	5.4	108.8	3.8	142.0	4.9	173.1	6.6	173.0
01:15	94.9	5.0	111.1	3.0	151.5	4.8	178.1	6.8	181.4
01:30	94.9	4.4	113.3	3.0	159.9	4.8	187.8	6.7	181.0
01:45	96.0	4.0	115.9	3.6	168.2	6.6	190.5	6.7	181.0
02:00	98.5	4.5	118.8	4.3	162.9	7.0	186.9	6.7	180.0
02:15	103.6	4.7	134.3	5.8	164.3	6.8	179.4	6.7	180.0
02:30	109.3	4.6	145.6	6.6	165.1	7.7	170.3	6.7	179.0
02:45	112.6	4.4	146.4	7.1	165.5	10.1	171.3	6.7	179.0
03:00	109.1	4.2	143.4	7.6	167.5	10.9	168.3	6.6	178.0
03:15	105.4	4.0	139.3	7.2	163.8	10.9	165.1	6.6	178.0
03:30	103.7	3.6	138.9	6.9	161.0	10.7	164.2	6.6	177.0
03:45	98.7	3.5	134.7	7.1	159.4	9.9	163.8	6.4	177.0
04:00	97.2	3.8	133.9	7.3	158.1	9.3	165.3	6.3	177.0
04:15	98.9	3.4	137.6	7.2	161.7	6.8	164.5	6.2	176.2
04:30	103.4	3.5	142.9	7.1	165.7	6.1	169.6	7.5	179.5
04:45	114.2	4.0	151.7	8.1	168.3	8.8	175.0	8.2	175.8
05:00	118.9	4.1	153.4	8.6	166.5	9.3	175.0	8.5	170.0
05:15	107.6	3.6	145.8	7.3	164.7	10.9	166.4	9.0	160.0
05:30	101.3	3.4	135.1	6.2	164.4	11.4	164.6	9.5	155.0
05:45	100.5	3.7	126.7	6.3	161.3	10.7	160.9	10.0	145.0
06:00	100.6	3.8	126.0	7.0	160.4	8.2	147.6	10.6	139.9
06:15	99.4	3.6	128.0	6.7	159.7	7.0	147.9	9.5	145.1
06:30	95.5	3.4	120.3	5.6	155.3	6.5	144.8	8.7	139.5
06:45	87.0	2.9	105.6	4.4	147.0	6.7	134.9	9.8	136.8
07:00	81.3	2.8	85.3	3.5	139.3	6.5	134.6	9.9	132.5
07:15	79.6	3.5	85.0	3.3	135.0	6.8	136.0	9.8	133.9
07:30	77.3	3.8	86.3	2.7	125.4	6.6	129.6	8.0	138.0
07:45	77.2	3.4	83.7	2.3	114.2	4.8	121.5	7.0	143.0
08:00	78.7	3.1	81.7	2.5	103.8	3.8	120.8	6.0	150.0
08:15	78.0	3.5	82.7	2.6	104.3	3.5	118.8	5.5	154.0
08:30	73.0	3.9	87.0	2.3	97.0	3.3	134.5	5.0	158.0
08:45	76.0	3.3	93.4	.9	91.6	2.8	155.6	4.5	164.0
09:00	84.2	2.5	99.8	.5	193.0	.5	167.5	4.2	169.2
09:15	86.8	2.0	105.9	1.6	169.7	3.4	155.2	6.0	158.6
09:30	96.5	2.2	128.9	4.4	154.2	7.9	157.2	9.7	154.1
09:45	114.6	3.3	148.0	6.3	162.1	9.1	158.5	12.2	157.2
10:00	141.6	3.1	162.9	6.4	165.2	10.0	161.9	13.1	161.4
10:15	184.7	2.9	175.1	6.2	170.0	10.7	166.3	12.5	161.0
10:30	183.6	4.2	175.0	7.2	171.6	10.9	170.3	11.5	160.0
10:45	174.8	5.1	171.1	8.1	167.2	11.5	167.1	11.0	160.0
11:00	172.6	5.3	172.5	7.4	167.1	10.6	166.7	10.7	159.8
11:15	174.9	5.4	175.0	6.7	171.8	9.7	176.9	10.5	160.6
11:30	179.3	5.7	180.9	8.0	178.0	9.3	181.7	11.2	139.5
11:45	184.6	3.7	188.5						
12:00	186.2	5.5	182.9						
12:15	186.6	6.1	182.1						
12:30	180.0	6.3	181.0						



## Daily Summary Report

Site: ORNL Sodar

11/4/2018

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						
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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	11.9	154.2				
09:45	12.0	154.0				
10:00	12.3	154.0				
10:15	12.5	153.0				
10:30	12.5	153.0				
10:45	12.8	153.0				
11:00	13.0	152.0				
11:15	13.0	151.5				
11:30	14.7	137.4				
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						
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16:00						
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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	12.7	151.3				
Max	14.7	154.2				
Hr. of Max	46	38				
Min	11.9	137.4				
Count	9	9	0	0	0	0
Total						