

## Daily Summary Report

Site: ORNL Sodar

12/25/2018

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	1.0	94.2	1.4	63.5	1.5	52.5	.9	58.1	.6
00:15	1.2	95.7	1.3	65.9	1.7	57.4	1.0	61.4	.7
00:30	.9	58.8	1.4	56.4	1.9	54.1	1.1	56.6	.6
00:45	.7	34.0	1.2	38.6	1.6	36.7	.8	46.4	.4
01:00	.4	33.6	.7	14.5	1.6	32.7	.9	40.9	.5
01:15	.4	7.2	.3	349.3	1.5	39.4	1.2	45.4	.5
01:30	.6	24.9	.3	329.5	1.2	53.6	.9	53.6	.5
01:45	1.3	52.6	.3	9.3	1.2	52.6	.6	54.6	.5
02:00	1.1	51.0	.8	52.1	1.6	52.0	.9	51.7	.3
02:15	.5	100.7	1.6	67.1	2.4	57.9	1.0	64.7	.4
02:30	1.2	87.9	2.4	62.3	3.2	58.2	.7	50.4	.6
02:45	1.9	84.5	2.7	60.7	4.1	64.0	1.6	61.9	.4
03:00	2.2	99.2	2.9	67.8	4.5	66.5	2.8	69.0	1.2
03:15	2.2	103.4	3.1	66.9	4.7	68.6	3.9	72.3	1.7
03:30	2.1	102.9	3.0	64.7	5.1	70.3	5.6	76.1	.6
03:45	2.2	102.7	2.7	64.9	5.3	68.1	4.9	72.8	.5
04:00	2.7	101.6	3.0	67.9	5.7	69.1	4.8	73.7	1.4
04:15	2.8	100.5	3.6	65.7	6.3	71.9	6.0	80.0	3.5
04:30	2.9	105.4	3.9	66.7	5.5	71.3	6.3	79.1	6.1
04:45	2.6	100.6	2.9	69.3	4.3	71.1	5.1	76.3	3.4
05:00	2.3	85.4	2.1	65.3	4.1	69.3	4.9	73.8	3.4
05:15	2.3	77.2	2.4	63.6	4.2	66.0	5.5	72.6	3.0
05:30	1.5	74.5	2.3	62.7	3.7	66.9	5.2	75.1	1.4
05:45	.8	90.2	2.2	63.5	3.4	68.6	4.4	75.5	2.2
06:00	1.2	85.2	1.8	70.1	3.7	70.5	4.2	73.9	4.3
06:15	1.5	76.7	1.2	72.5	3.4	65.5	4.3	69.5	3.4
06:30	1.1	75.6	1.5	55.0	2.7	55.9	3.5	63.9	1.9
06:45	.7	69.4	1.6	55.1	2.5	55.3	3.5	68.0	3.7
07:00	2.0	72.9	2.0	54.1	3.7	57.3	4.8	67.9	5.8
07:15	2.4	80.5	2.2	56.6	4.1	60.9	4.5	67.3	5.8
07:30	2.1	89.3	2.2	60.6	3.9	62.4	4.2	69.8	5.5
07:45	1.9	75.6	2.5	58.3	4.2	57.7	4.6	70.0	4.8
08:00	1.8	65.2	2.8	59.9	3.9	54.8	4.1	63.2	4.0
08:15	1.5	76.9	2.6	67.1	3.9	62.9	4.2	66.2	4.3
08:30	.6	92.5	2.2	78.3	4.3	70.5	5.3	69.8	7.1
08:45	1.7	75.0	2.3	76.0	4.7	70.3	6.0	68.4	6.8
09:00	2.1	77.9	2.7	71.3	5.0	67.2	6.3	66.6	6.9
09:15	1.8	84.3	2.3	62.9	4.7	59.1	5.8	61.8	6.2
09:30	2.0	64.1	1.8	24.2	3.8	31.4	4.8	38.2	3.9
09:45	.8	18.7	1.3	4.5	3.4	21.2	4.5	30.3	2.4
10:00	.3	282.1	.5	15.4	2.6	39.2	3.9	43.7	2.4
10:15	.2	100.3	.1	347.0	2.0	47.7	3.3	47.6	2.4
10:30	1.5	28.3	.3	2.0	2.0	50.0	3.0	52.0	2.4
10:45	2.7	8.1	.4	10.0	1.8	60.0	2.8	57.0	2.4
11:00	.8	37.3	.4	19.1	1.6	68.6	2.5	63.3	2.4
11:15	.6	45.3	.7	10.4	1.4	67.0	2.0	66.0	2.4
11:30	.5	33.2	.7	11.3	1.4	66.9	1.8	72.0	2.4
11:45	.2	237.3	.1	65.0	1.0	79.8	1.5	77.7	2.4
12:00	.3	252.9	.1	139.7	.6	94.5	.9	91.4	2.1
12:15	.2	216.6	.1	104.3	.4	109.1	.8	95.9	1.5
12:30	.3	214.3	.3	137.8	.5	92.4	.7	116.2	1.4



## Daily Summary Report

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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	122.8	.2	47.9	.4	358.4	.3	229.3	2.0	270.3
00:15	113.4	.3	54.0	.5	6.6	.7	322.0		
00:30	83.9	.3	43.8	.4	311.2	.8	285.5		
00:45	78.1	.2	47.0	.3	210.7	.4	232.0		
01:00	75.7	.5	77.6	.8	189.1	.3	245.0		
01:15	61.8	.8	88.1	.6	209.3	.2	257.2		
01:30	44.2	.6	96.1	.6	238.2	.6	140.5	.3	39.6
01:45	55.2	.5	134.3	.7	248.2	1.0	259.2	.2	339.4
02:00	102.5	.7	114.1	.7	216.6	1.4	262.2		
02:15	74.3	.7	128.5	1.2	193.7	.7	205.0		
02:30	64.7	.6	175.6	.5	231.0	1.0	170.0		
02:45	73.8	.1	355.9	.2	180.3	1.2	140.0	2.8	98.4
03:00	79.1	.6	61.7	.6	102.0	1.5	106.0	3.8	90.8
03:15	88.8	.7	89.3	.6	202.7	1.1	242.3	3.4	110.6
03:30	110.5	.6	258.0	.4	119.0	.6	200.0	3.3	119.4
03:45	119.2	.8	265.7	.4	167.6	.3	35.7	3.6	91.9
04:00	94.2	.7	117.1	.1	312.5	1.5	95.0	4.9	101.6
04:15	87.7	.0	323.4	3.0	10.0	4.5	91.6	5.4	111.8
04:30	86.0	5.9	88.0	5.7	91.0	5.3	94.0	4.8	113.3
04:45	84.9	4.6	88.5	.8	140.3	5.0	86.0	4.4	113.5
05:00	81.5	3.8	85.9	.3	244.5	4.0	80.0	4.2	114.7
05:15	81.0	1.8	76.8	.5	334.2	3.0	75.0	4.5	99.1
05:30	77.9	.6	69.0	.6	352.1	2.5	70.0	4.7	97.6
05:45	84.8	1.0	91.1	.1	169.5	2.0	40.0	4.2	101.2
06:00	92.9	2.4	99.5	1.4	88.0	3.3	97.0	3.7	102.6
06:15	88.7	.9	107.2	.7	79.9	1.8	111.0	3.3	103.5
06:30	74.2	.2	127.6	.7	282.1	1.1	136.0	3.0	117.1
06:45	80.1	.9	96.7	.1	301.3	3.8	95.9	3.0	130.0
07:00	79.2	2.5	86.8	4.0	93.0	4.3	95.6	2.9	145.5
07:15	80.7	4.0	87.0	2.8	114.5	3.7	105.8	3.4	153.5
07:30	81.3	7.2	85.2	5.6	98.9	3.9	110.1	3.5	158.0
07:45	77.7	6.9	82.5	6.5	94.8	4.1	111.9	3.5	163.0
08:00	79.5	6.3	84.6	6.8	98.5	4.0	132.3	3.8	166.0
08:15	83.8	6.5	86.2	6.3	102.3	3.8	143.1	4.0	170.0
08:30	85.5	6.8	86.8	5.6	108.0	4.1	144.6	4.0	175.0
08:45	84.2	6.9	92.5	5.3	120.5	4.9	154.4	4.3	180.0
09:00	83.4	6.6	94.7	5.2	123.0	4.8	160.4	4.5	190.0
09:15	82.4	5.9	89.6	4.8	118.0	3.8	159.4	4.7	199.0
09:30	75.5	4.1	85.3	4.0	104.9	1.9	164.4	3.5	230.0
09:45	58.8	3.0	80.1	3.1	89.3	.8	215.2	3.4	254.3
10:00	67.7	3.1	78.8	1.6	92.0	2.1	244.0		
10:15	70.0	3.0	85.0			2.5	243.0		
10:30	75.0	3.0	90.0			3.0	242.0		
10:45	80.0	2.8	100.0			3.5	240.0		
11:00	85.0	2.5	105.0			4.0	238.0		
11:15	90.0	2.3	110.0			4.5	236.0		
11:30	95.0	2.0	120.0			5.0	234.0		
11:45	99.4	1.9	128.6			5.5	232.0		
12:00	110.4	2.4	145.8			6.0	230.0		
12:15	118.5	2.3	159.5			7.0	227.0		
12:30	125.7	2.2	169.6			7.5	224.0		



## Daily Summary Report

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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	3.6	99.7				
03:00	4.8	113.0				
03:15	5.1	118.0				
03:30	4.0	114.0				
03:45	2.9	109.1				
04:00	3.9	97.5				
04:15	4.0	103.0				
04:30	4.5	110.0				
04:45	4.8	122.1				
05:00	3.8	151.8				
05:15	3.8	120.0				
05:30	3.7	98.7				
05:45	4.4	123.8				
06:00	4.0	148.0				
06:15	3.3	167.0				
06:30	3.0	171.6				
06:45	3.7	182.5				
07:00	3.6	189.7				
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	14.4	224.1				
14:30	13.4	221.9				
14:45	13.1	224.4				
15:00	12.0	224.0				
15:15	11.0	223.0				
15:30	10.2	222.5				
15:45	10.1	224.5				
16:00						
16:15						
16:30						
16:45						
17:00						
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21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	6.2	156.2				
Max	14.4	224.5				
Hr. of Max	57	63				
Min	2.9	97.5				
Count	25	25	0	0	0	0
Total						