

## Daily Summary Report

Site: ORNL Sodar

2/13/2018

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	.6	130.7	.6	25.0	.7	70.5	1.5	74.7	4.3
00:15	.6	122.5	.6	29.4	.9	77.5	1.6	74.7	4.3
00:30	.4	146.5	.3	34.4	.9	60.1	1.5	64.4	4.1
00:45	.3	205.3	.1	41.1	.7	51.6	1.3	67.5	3.6
01:00	.2	204.6	.2	353.5	.7	58.7	1.3	73.2	3.4
01:15	.3	210.2	.3	357.2	.7	61.0	1.2	70.4	3.3
01:30	.5	213.3	.2	42.7	.7	71.2	1.6	74.0	3.7
01:45	.5	220.9	.2	55.1	.6	75.8	1.4	81.0	3.2
02:00	.5	221.9	.2	309.5	.5	71.5	1.0	87.1	2.9
02:15	.5	228.3	.4	292.5	.7	79.5	1.3	85.3	3.3
02:30	.3	211.3	.4	282.9	.8	81.6	1.7	85.3	3.0
02:45	.3	181.9	.1	322.1	.9	82.1	1.8	77.5	3.5
03:00	.3	214.5	.2	30.6	.8	73.3	1.5	69.7	4.1
03:15	.4	232.6	.2	25.6	.7	59.8	1.2	71.5	3.1
03:30	.3	226.8	.5	46.5	1.0	73.0	1.5	80.3	3.2
03:45	.3	213.4	.6	29.8	1.0	72.7	1.4	85.2	3.6
04:00	.3	215.0	.4	359.6	.7	68.0	.9	68.1	2.7
04:15	.4	229.1	.2	327.0	.5	79.7	1.1	75.0	2.9
04:30	.5	221.8	.1	337.2	.4	81.9	.9	76.6	3.0
04:45	.5	216.4	.2	12.0	.3	65.8	.6	64.7	2.3
05:00	.5	226.1	.2	290.6	.4	69.9	.7	75.1	2.4
05:15	.4	233.0	.3	287.0	.4	67.9	.7	63.1	2.1
05:30	.3	229.5	.4	304.7	.2	55.8	.5	55.8	2.0
05:45	.2	218.3	.4	341.2	.4	58.7	.6	64.6	2.3
06:00	.4	216.9	.3	16.8	.7	67.3	.8	72.3	3.0
06:15	.4	221.0	.3	350.8	.7	75.4	1.2	70.8	2.5
06:30	.3	210.0	.2	42.6	.5	68.4	1.5	72.9	2.8
06:45	.3	204.3	.1	156.1	.4	73.2	1.3	80.2	2.3
07:00	.4	192.5	.2	242.2	.8	56.7	1.3	71.6	2.3
07:15	.4	199.8	.2	199.7	.7	58.3	1.2	67.2	2.5
07:30	.5	222.3	.2	205.8	.5	87.9	1.3	68.9	3.1
07:45	.5	195.9	.2	193.4	.3	87.8	1.2	62.4	2.8
08:00	.4	180.0	.2	72.7	.6	45.7	1.0	58.1	1.8
08:15	.3	181.3	.2	61.0	.7	55.2	1.3	60.3	2.6
08:30	.4	168.8	.2	49.5	.7	61.3	1.7	73.0	3.4
08:45	.5	160.3	.1	29.6	.7	45.8	1.6	73.8	3.7
09:00	.5	159.0	.2	305.0	.8	52.6	1.4	69.4	3.3
09:15	.5	169.0	.2	300.0	.7	57.2	1.0	61.2	2.3
09:30	.5	154.1	.3	273.3	.3	49.1	.7	53.3	1.9
09:45	.5	129.4	.2	289.7	.2	53.8	.5	65.5	1.8
10:00	.2	121.9	.3	281.0	.2	322.0	.2	320.5	1.0
10:15	.0	111.4	.4	278.4	.3	305.7	.3	306.1	.6
10:30	.2	278.4	.2	330.9	.3	322.5	.3	311.0	.6
10:45	.1	294.1	.2	44.2	.0	324.7	.3	298.8	.2
11:00	.3	134.8	.2	75.6	.3	169.0	.2	193.9	.3
11:15	.3	118.6	.3	155.5	.9	179.3	.9	174.3	.3
11:30	.3	85.2	.4	196.7	.7	169.6	.6	162.2	.7
11:45	.2	143.4	.1	272.8	.2	101.4	.2	61.4	.3
12:00	.2	173.4	.2	251.8	.4	201.9	.3	240.8	.3
12:15	.3	200.7	.5	220.2	.9	206.1	.5	211.8	.1



## Daily Summary Report

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2/13/2018

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	74.3	7.4	60.4	10.6	57.9	11.4	77.7	9.6	88.2
00:15	76.9	7.2	63.1	10.8	60.1	11.4	83.3	9.5	90.0
00:30	71.6	7.5	60.3	10.7	61.5	11.1	83.0	8.9	88.8
00:45	66.7	7.5	62.7	10.9	63.2	10.7	81.7	8.0	91.0
01:00	66.2	7.4	58.7	10.9	64.6	10.4	85.9	7.1	95.9
01:15	72.2	6.8	57.9	10.2	65.3	9.9	86.7	6.3	99.4
01:30	77.7	6.7	60.6	10.1	65.1	9.6	85.1	5.0	96.7
01:45	75.0	6.8	57.6	9.9	60.3	9.1	85.7	4.5	102.7
02:00	73.5	6.2	61.1	9.4	60.6	8.4	85.6	4.7	110.9
02:15	76.9	6.5	57.2	9.3	64.2	8.2	86.1	4.5	111.9
02:30	78.2	6.8	53.0	9.4	65.3	7.8	90.4	4.7	124.8
02:45	70.7	7.0	57.4	9.7	69.3	7.9	90.0	4.1	131.5
03:00	73.1	7.3	62.0	9.7	71.0	8.2	87.3	3.7	129.8
03:15	75.0	6.6	60.9	9.2	68.1	7.9	88.9	3.8	128.0
03:30	73.6	7.1	59.2	8.8	69.2	7.2	91.2	3.0	142.6
03:45	74.0	7.0	65.1	8.5	74.9	6.7	94.4	2.9	166.5
04:00	80.0	5.8	61.6	7.7	77.8	6.2	96.5	3.5	164.3
04:15	87.0	5.6	62.1	7.4	80.6	4.7	104.7	3.9	190.8
04:30	77.0	5.0	67.3	7.4	83.0	4.0	111.4	4.0	196.7
04:45	84.5	4.1	68.9	7.0	82.7	3.9	116.2	4.6	199.7
05:00	84.9	4.2	63.1	6.6	84.7	3.6	125.7	6.0	204.8
05:15	76.3	4.3	56.1	5.7	96.0	3.5	132.2	6.3	203.3
05:30	67.0	4.0	76.9	5.0	99.4	3.0	152.5	6.2	208.9
05:45	85.2	4.3	81.5	4.8	107.5	3.0	172.3	7.1	210.0
06:00	85.0	4.5	80.0	5.1	119.2	3.3	173.4	7.1	209.2
06:15	79.0	4.7	83.7	4.5	110.2	3.0	184.5	6.2	210.1
06:30	82.3	4.4	93.0	4.2	109.1	2.5	194.5	7.6	213.3
06:45	73.8	4.4	95.2	3.8	100.7	2.8	209.7	9.2	216.7
07:00	55.6	5.5	92.7	3.5	101.4	3.5	214.5	8.4	217.5
07:15	65.9	5.0	88.6	3.0	114.9	3.7	209.8	7.8	206.9
07:30	84.1	4.4	91.6	2.5	111.6	3.4	210.5	8.8	210.0
07:45	84.9	4.7	89.4	2.6	109.2	3.8	214.3	8.2	217.9
08:00	79.3	5.0	84.5	2.7	112.0	4.2	209.9	7.4	220.2
08:15	80.1	5.1	90.1	3.0	112.1	3.8	205.2	7.2	219.9
08:30	76.4	5.2	91.3	3.0	108.8	3.6	216.0	8.2	215.0
08:45	77.5	4.9	90.5	2.6	108.4	3.8	213.3	9.1	210.9
09:00	79.3	4.1	96.4	2.8	121.2	3.8	205.7	9.1	214.2
09:15	83.1	3.7	99.2	3.0	128.9	3.7	207.3	9.4	219.2
09:30	81.7	3.4	96.9	2.6	151.3	4.6	212.5	10.5	218.7
09:45	86.9	3.2	104.1	3.7	184.6	7.4	209.1	10.7	214.2
10:00	99.7	2.6	114.2	5.8	187.5	8.8	211.8	10.9	209.5
10:15	72.9	2.0	113.0	4.0	180.0	8.1	217.9	11.3	208.2
10:30	49.5	1.4	99.8	3.8	219.4	7.7	224.0	11.3	212.3
10:45	57.1	.9	105.7	4.0	234.1	8.1	222.4	11.3	212.9
11:00	48.5	.5	142.5	4.5	233.0	8.7	215.7	11.5	209.0
11:15	153.4	.8	213.5	5.1	231.5	9.2	214.5	12.4	206.5
11:30	183.2	1.0	238.9	5.0	230.7	8.7	215.3	12.6	203.4
11:45	259.3	1.1	267.8	4.7	238.2	8.3	220.2	11.9	200.7
12:00	316.3	1.0	276.7	4.6	239.4	8.5	218.8	11.9	198.5
12:15	198.5	1.0	266.8	4.4	244.9	8.2	220.0	12.1	198.1



## 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	6.4	96.9	5.6	139.8	5.3	187.1
00:15	5.6	97.2	3.4	125.6	3.8	188.5
00:30	4.9	98.2	2.7	155.7		
00:45	4.5	106.6	2.7	152.8		
01:00	5.0	118.3	4.2	134.5		
01:15	4.7	112.6				
01:30	2.7	97.3				
01:45	4.0	135.0				
02:00	5.6	194.4	8.9	202.8		
02:15	6.0	197.3	8.6	205.4		
02:30	7.5	200.5	10.2	203.1		
02:45	6.3	200.3	10.6	202.0		
03:00	5.7	194.1	11.0	200.0		
03:15	6.4	195.3	11.2	198.3		
03:30	7.5	201.6	10.8	205.9		
03:45	8.5	204.6	11.0	208.0		
04:00	8.5	205.1	12.0	211.0		
04:15	9.9	205.2	13.1	213.8		
04:30	10.2	204.0	13.0	212.0		
04:45	9.9	204.2	13.3	211.0		
05:00	10.9	206.5	13.6	210.8		
05:15	10.3	208.3	13.5	213.6		
05:30	10.2	210.5	13.8	217.7		
05:45	12.7	205.2	13.8	218.0		
06:00	13.0	206.8	14.0	218.0		
06:15	12.2	215.2	14.1	218.0		
06:30	14.0	220.0	14.2	218.0		
06:45	13.9	214.5	14.3	218.0		
07:00	12.0	215.0	14.4	218.0		
07:15	10.0	215.0	14.6	218.0		
07:30	9.5	215.0	14.7	218.0		
07:45	9.0	216.0	14.8	219.0		
08:00	8.5	216.0	15.0	219.0		
08:15	8.2	216.1	15.2	219.0		
08:30	9.0	213.0	15.3	220.0		
08:45	10.0	210.0	15.5	220.0		
09:00	11.0	207.0	15.6	221.0		
09:15	12.3	204.2	15.7	221.0		
09:30	11.7	217.9	16.0	222.0		
09:45	13.8	224.8	16.3	222.0		
10:00	15.1	219.1	16.8	222.8	17.5	225.0
10:15	14.0	209.7	14.5	216.9	16.1	219.3
10:30	14.0	208.4	14.7	217.0	15.7	220.0
10:45	14.8	213.9	16.4	218.6	16.0	222.0
11:00	14.9	219.2	15.5	219.8	17.4	223.6
11:15	14.3	216.3	16.1	219.7		
11:30	14.8	208.0	16.3	216.1		
11:45	13.3	202.3				
12:00	13.1	202.3				
12:15	13.3	203.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	13.4	203.0				
12:45	13.5	203.0				
13:00	13.7	204.0				
13:15	13.8	204.0				
13:30	13.9	204.0				
13:45	14.0	205.0				
14:00	14.1	205.0				
14:15	14.2	205.0				
14:30	14.4	205.8				
14:45	16.0	205.1				
15:00						
15:15						
15:30						
15:45						
16:00						
16:15						
16:30						
16:45						
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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	10.6	194.5	12.7	206.4	13.1	212.2
Max	16.0	224.8	16.8	222.8	17.5	225.0
Hr. of Max	59	39	40	40	40	40
Min	2.7	96.9	2.7	125.6	3.8	187.1
Count	60	60	44	44	7	7
Total						