

## Daily Summary Report

Site: ORNL Sodar

3/20/2019

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	63.9	.1	21.7	.4	72.6	.3	64.4	.1
00:15	.3	62.5	.1	7.4	.3	68.0	.2	64.1	.2
00:30	.3	97.0	.2	117.0	.4	70.3	.3	55.7	.1
00:45	.2	87.6	.3	70.3	.3	54.4	.2	46.7	.1
01:00	.1	65.4	.3	10.6	.5	36.2	.1	66.7	.1
01:15	.1	29.7	.3	357.8	.6	31.6	.1	46.9	.1
01:30	.1	27.1	.2	48.5	.5	43.9	.3	50.9	.1
01:45	.1	7.2	.1	89.3	.4	50.0	.5	62.1	.1
02:00	.1	274.5	.2	328.7	.4	42.9	.7	45.9	.1
02:15	.1	112.3	.3	316.0	.4	52.1	.9	35.4	.2
02:30	.1	77.7	.3	333.5	.3	53.1	.8	35.1	.1
02:45	.1	314.0	.3	346.7	.3	60.5	.6	40.1	.1
03:00	.1	26.2	.3	333.0	.3	75.4	.4	42.1	.1
03:15	.3	74.0	.5	355.8	.3	50.5	.5	34.5	.1
03:30	.2	67.2	.8	13.1	.4	25.2	.4	32.2	.1
03:45	.1	96.9	.7	20.1	.4	15.9	.3	15.5	.3
04:00	.3	119.9	.4	19.5	.6	.7	.3	348.7	.2
04:15	.2	125.3	.4	23.3	.4	17.2	.1	317.0	.2
04:30	.2	205.1	.4	35.7	.3	71.9	.1	330.7	.2
04:45	.2	213.0	.3	109.0	.3	126.5	.1	130.6	.2
05:00	.1	196.1	.5	135.4	.5	152.7	.6	125.4	.3
05:15	.0	149.8	.3	95.9	.5	128.3	.5	137.7	.3
05:30	.1	231.0	.5	17.9	.4	119.9	.2	181.9	.2
05:45	.1	56.0	.6	18.8	.2	146.8	.1	170.8	.3
06:00	.4	43.4	.6	39.1	.4	96.3	.7	139.7	1.2
06:15	.7	57.6	.7	71.1	1.0	96.8	1.2	143.3	1.7
06:30	.8	64.9	1.0	69.2	1.3	104.5	1.3	147.3	1.5
06:45	.7	61.0	1.2	56.7	1.1	98.2	1.1	134.3	1.3
07:00	.7	80.4	1.3	57.7	1.0	88.6	1.0	112.6	1.9
07:15	.6	79.7	1.6	56.8	.8	95.6	.8	143.2	2.2
07:30	.5	62.1	1.7	51.8	.6	95.6	.8	181.7	1.6
07:45	.5	70.7	1.1	39.8	.4	93.2	.7	196.8	1.5
08:00	.4	77.3	.8	9.2	.2	81.5	.9	192.7	1.9
08:15	.5	76.1	.7	23.8	.4	92.2	.9	179.6	2.3
08:30	.5	76.6	.4	30.4	.5	124.6	1.1	172.3	3.0
08:45	.3	82.7	.3	18.7	.6	150.2	1.4	178.0	3.1
09:00	.6	79.1	.6	65.1	.9	165.1	2.1	181.6	3.2
09:15	.6	62.5	.9	74.0	1.1	169.4	2.5	185.0	3.1
09:30	.3	26.6	.7	65.7	1.0	176.9	2.6	185.0	3.4
09:45	.2	346.4	.3	56.5	1.1	179.7	2.6	177.1	3.9
10:00	.1	200.0	.4	136.2	1.2	165.3	2.7	170.0	3.9
10:15	.3	168.7	.7	149.2	1.1	157.9	2.5	171.3	2.9
10:30	.2	141.6	.6	136.0	1.0	169.3	1.6	182.6	1.8
10:45	.4	136.3	.4	158.0	1.0	170.3	1.2	183.4	1.4
11:00	.4	174.3	.6	175.4	.9	177.1	1.4	185.4	2.6
11:15	.2	228.8	.4	185.1	.5	205.3	1.0	205.3	2.1
11:30	.6	181.8	.5	192.7	.8	189.4	.8	182.0	.9
11:45	.9	201.8	1.2	207.9	1.5	213.9	1.6	204.2	1.4
12:00	.9	209.7	1.4	200.7	1.7	230.4	1.9	236.8	1.6
12:15	1.1	229.0	1.4	224.6	1.5	236.0	1.6	251.9	1.2
12:30	2.0	246.9	3.5	240.7	2.6	222.5	3.4	209.2	2.3



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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	82.3	.1	321.3	.5	243.6	.4	159.7		
00:15	340.7	.2	281.8	1.3	245.8	.6	230.8		
00:30	248.0	.2	156.5	.6	314.0				
00:45	216.4	.3	115.9	.9	350.9				
01:00	291.6	.2	168.6	.1	143.6				
01:15	246.3	.4	197.9	.8	154.0				
01:30	6.2	.3	164.1	.2	69.6				
01:45	57.7	.3	134.8	.2	97.8				
02:00	65.0	.3	139.0	.5	146.7	.3	123.5		
02:15	42.0	.3	140.1	.4	132.6				
02:30	75.8	.1	127.1	.6	345.0	1.0	5.0		
02:45	62.8	.0	10.1	.4	342.8	1.2	26.3		
03:00	21.6	.3	109.8	1.0	152.0				
03:15	134.6	.1	67.3	.6	131.3				
03:30	62.6	.1	282.9	.1	100.2				
03:45	39.4	.1	63.1	.5	6.1				
04:00	167.2	.1	34.0	.4	24.9				
04:15	178.1	.1	134.3	.1	321.8				
04:30	94.4	.1	195.0	.8	355.1				
04:45	87.1	.1	185.2	.6	17.5				
05:00	125.6	.4	101.4	.3	202.2				
05:15	136.2	.3	97.3						
05:30	352.9	.3	137.2						
05:45	23.1	.4	131.7						
06:00	152.3	1.2	185.3						
06:15	166.6	.4	165.0						
06:30	177.3	.2	43.5						
06:45	175.2	.3	53.3						
07:00	176.4	.3	93.1						
07:15	180.5	.3	255.5						
07:30	170.7	.2	272.2						
07:45	171.0	.5	307.1						
08:00	187.9	.6	252.5						
08:15	186.7	.8	202.1						
08:30	182.1	1.0	180.1						
08:45	179.9	.7	146.0						
09:00	176.3	1.2	160.5						
09:15	180.3	1.1	173.2						
09:30	183.8	2.2	198.9						
09:45	180.2	3.0	198.7						
10:00	181.0	2.8	199.0						
10:15	185.3	2.3	199.9						
10:30	197.4	2.2	207.3						
10:45	202.8	2.8	207.3						
11:00	189.0	3.5	196.9	5.9	206.3				
11:15	192.9	3.0	190.2	4.7	205.2	5.6	209.8		
11:30	205.1	1.3	192.4	3.6	201.1	4.8	210.5		
11:45	205.3	1.7	198.3	3.8	205.2	6.1	212.4		
12:00	224.9	3.0	197.4	5.6	211.3	7.7	227.3		
12:15	252.6	1.8	206.1	5.5	206.1	8.3	226.0		
12:30	205.7	2.2	189.6	3.5	198.0	9.0	225.0		



## 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						
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01:00						
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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	13.7	226.9				
13:45	14.0	226.0				
14:00	14.4	226.0				
14:15	14.7	225.6	14.5	225.1		
14:30	15.0	227.0	16.2	224.9		
14:45	13.3	221.9	14.4	223.7		
15:00						
15:15						
15:30						
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22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	14.2	225.6	15.0	224.6		
Max	15.0	227.0	16.2	225.1		
Hr. of Max	58	58	58	57		
Min	13.3	221.9	14.4	223.7		
Count	6	6	3	3	0	0
Total						