

## Daily Summary Report

Site: ORNL Sodar

11/18/2018

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	.3	60.4	.2	234.1	.3	216.2	.5	202.7	.1
00:15	.4	43.1	.2	171.0	.5	194.9	.6	187.1	.2
00:30	.5	62.8	.4	118.1	.8	174.9	.7	179.4	.9
00:45	.5	86.9	.7	88.8	.9	167.4	1.0	171.8	.7
01:00	.6	90.5	.6	56.8	.6	159.3	1.6	170.6	.8
01:15	.7	75.5	.6	35.4	.6	162.1	1.9	173.7	1.5
01:30	.9	66.0	.5	59.0	.8	177.5	2.2	179.9	1.5
01:45	.9	66.6	.5	84.0	.8	179.6	2.6	181.7	1.6
02:00	.7	68.7	.4	89.3	.9	171.6	2.7	181.3	1.6
02:15	.7	78.5	.4	78.5	1.1	170.8	2.6	180.9	1.6
02:30	1.1	84.5	.7	100.4	1.4	169.6	2.7	181.9	1.8
02:45	1.2	84.1	.7	119.0	1.6	171.6	3.0	181.2	1.8
03:00	.8	83.8	.6	123.6	1.7	176.9	2.8	181.4	1.3
03:15	.5	92.6	.4	117.8	1.4	178.7	2.5	183.0	1.1
03:30	.4	87.4	.3	117.0	1.2	172.0	2.3	182.9	1.2
03:45	.7	82.7	.7	137.1	1.6	167.7	2.6	179.4	1.4
04:00	.8	80.7	1.2	142.4	2.0	169.2	3.0	178.8	1.0
04:15	.6	73.9	1.0	123.9	2.1	168.8	2.7	180.1	.6
04:30	.7	57.4	.8	93.7	2.1	170.1	2.5	182.1	.8
04:45	1.0	65.9	1.0	84.2	1.7	170.1	2.3	184.7	.8
05:00	1.2	84.4	1.5	75.3	1.4	155.5	2.0	180.8	.8
05:15	1.3	86.3	2.0	68.9	1.4	139.9	2.0	174.2	1.1
05:30	1.2	88.9	2.0	62.0	1.2	123.4	2.1	173.1	1.1
05:45	.7	94.2	1.9	58.9	1.0	98.8	2.0	171.8	1.0
06:00	.7	86.8	2.0	66.2	1.1	85.0	1.9	170.2	1.1
06:15	1.0	97.2	2.3	66.4	1.2	89.4	1.7	174.0	1.4
06:30	1.0	97.8	2.5	60.6	1.0	95.5	1.3	186.8	2.2
06:45	.8	86.8	2.2	64.7	1.1	95.7	1.1	189.6	2.5
07:00	1.0	90.3	1.8	76.8	1.2	100.6	1.4	169.2	2.3
07:15	1.2	96.3	1.6	80.5	1.3	111.3	2.0	166.6	2.2
07:30	.8	100.7	1.6	78.3	1.2	111.5	2.2	167.6	2.1
07:45	.8	112.9	1.6	67.4	1.3	96.2	2.0	160.6	2.4
08:00	1.0	121.8	1.9	65.5	1.5	95.0	1.9	150.3	2.5
08:15	1.0	116.4	2.0	65.1	1.5	94.1	1.6	137.1	2.4
08:30	1.2	107.3	1.9	69.9	1.8	92.0	1.6	126.0	2.4
08:45	1.2	107.6	1.9	73.0	2.0	94.1	1.6	126.9	2.6
09:00	.8	114.3	1.6	75.2	2.0	96.0	1.6	131.0	2.6
09:15	.6	105.7	1.4	85.2	1.9	101.4	1.6	140.5	2.4
09:30	.6	85.9	1.1	77.0	1.6	114.5	1.8	159.5	2.9
09:45	.5	85.0	.9	78.2	1.1	127.4	1.9	167.6	3.5
10:00	.6	106.1	1.3	90.9	.8	125.5	1.8	162.8	3.8
10:15	.8	120.2	.9	93.8	.6	120.7	1.4	154.1	3.8
10:30	.7	115.4	.1	119.5	.1	356.3	1.0	160.7	3.6
10:45	.2	82.4	.1	222.6	.3	304.6	1.0	170.8	3.4
11:00	.2	341.1	.1	213.0	.2	228.2	1.2	169.8	2.9
11:15	.4	297.6	.2	228.2	.3	172.8	1.5	176.4	2.2
11:30	.3	296.8	.2	205.9	.7	161.5	1.5	175.0	2.5
11:45	.2	246.0	.3	246.5	.6	186.3	1.0	186.5	3.0
12:00	.2	274.7	.7	251.7	.6	251.9	.7	229.5	2.2
12:15	.2	18.4	.6	251.3	.7	254.5	.9	249.0	1.7
12:30	.1	113.1	.6	249.8	.8	251.2	1.3	246.4	2.0



## Daily Summary Report

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11/18/2018

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	114.1	.4	306.6	.7	73.3	1.1	10.0	2.5	79.7
00:15	158.7	.1	299.4	.7	40.0	1.4	55.0	2.5	68.0
00:30	167.5	.2	175.7	.2	11.4	1.3	30.0	2.4	58.0
00:45	159.4	.2	274.8	.1	150.3	1.4	89.3	2.3	48.7
01:00	180.2	.4	274.6	.2	5.5	.4	43.6	2.5	60.0
01:15	191.5	.3	1.4	.2	56.5	.8	297.2	2.7	70.0
01:30	191.4	.3	10.9	.2	313.0	.3	74.1	2.9	85.8
01:45	192.4	.2	332.6	.5	300.3	.9	60.0	1.2	77.0
02:00	196.4	.4	281.7	.4	3.2	1.0	40.5	1.1	83.0
02:15	199.9	.7	272.4	.2	30.7	.8	45.0	1.1	90.0
02:30	203.9	.4	261.1	.4	212.6	.8	79.9	1.0	94.0
02:45	207.3	.3	204.1	.3	166.2	.9	103.6	.8	100.0
03:00	213.5	.3	238.8	.4	88.4	1.6	83.6	.7	108.9
03:15	220.6	.5	267.7	.2	164.2	2.5	89.4	2.4	103.4
03:30	216.4	.5	259.9	.3	274.9	1.5	104.5	3.8	102.7
03:45	202.9	.4	212.9	.4	286.1	1.4	107.6		
04:00	200.0	.5	191.8	.5	236.2	1.4	83.1		
04:15	221.3	.6	234.3	.2	254.1				
04:30	230.7	1.2	245.9	.6	293.9				
04:45	231.4	1.5	245.0	1.3	262.7				
05:00	233.8	1.5	236.4	1.0	245.8				
05:15	226.3	1.3	228.1	1.0	250.0				
05:30	216.2	1.1	233.9	1.0	277.2				
05:45	217.9	1.5	250.1	1.7	263.9				
06:00	225.8	1.9	251.5	2.0	265.0				
06:15	232.8	2.3	248.3	2.3	267.0				
06:30	238.9	3.2	246.3	2.6	268.0				
06:45	240.5	3.7	243.7	.9	355.5				
07:00	234.6	3.6	240.5	.4	94.3				
07:15	220.6	3.7	237.0	1.7	227.4				
07:30	204.1	3.3	230.7	4.3	227.9	6.7	251.7		
07:45	192.3	3.2	223.9	5.4	225.3	8.3	233.2		
08:00	188.9	3.2	225.8	5.7	227.5	9.0	231.3		
08:15	179.4	2.6	222.1	5.3	229.4	8.6	238.4		
08:30	176.5	2.2	210.0	5.5	218.0	7.8	248.3		
08:45	179.3	2.0	196.2	5.1	226.3	6.8	254.7		
09:00	179.0	1.9	195.8	5.0	221.3	6.1	252.2		
09:15	178.0	2.4	203.3	5.7	220.5	7.0	243.4		
09:30	179.8	3.3	203.9	6.1	219.0	8.4	234.8		
09:45	176.6	3.4	204.3	5.9	221.1	8.8	228.1		
10:00	171.3	3.3	198.2	5.5	223.6	9.2	227.6		
10:15	168.8	3.2	194.6	5.5	221.6	9.7	226.8	14.7	216.3
10:30	170.4	3.2	196.8	6.3	217.1	10.1	223.8	14.4	216.0
10:45	174.8	3.4	203.3	7.6	208.1	11.2	224.9	14.0	215.0
11:00	181.3	3.3	211.5	8.1	206.0	12.8	219.1	13.7	214.0
11:15	191.6	2.9	217.6	8.9	209.4	12.0	218.0	13.3	213.0
11:30	191.0	2.8	221.7	8.5	210.0	11.0	217.0	13.0	212.0
11:45	192.4	3.9	214.3	8.2	210.9	10.0	216.0	12.8	212.0
12:00	201.8	4.4	210.0	7.6	215.3	9.0	215.0	12.5	211.0
12:15	217.8	4.1	213.3	6.4	222.3	8.0	214.0	12.3	210.0
12:30	224.2	3.5	215.1	5.0	219.5	7.0	213.0	12.0	209.0



## Daily Summary Report

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11/18/2018

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						
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07:30						
07:45						
08:00						
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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	12.8	213.9				
13:45	12.9	218.5				
14:00	14.0	250.0				
14:15	15.0	280.0				
14:30	15.9	317.9				
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						
20:30						
20:45						
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	14.1	256.1				
Max	15.9	317.9				
Hr. of Max	58	58				
Min	12.8	213.9				
Count	5	5	0	0	0	0
Total						