

## Daily Summary Report

Site: ORNL Sodar

10/19/2018

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	.4	356.0	1.6	56.2	3.1	44.8	4.1	38.1	1.1
00:15	.2	342.9	1.3	64.3	3.0	49.9	3.5	44.3	1.0
00:30	.3	325.9	1.0	65.0	3.0	55.0	3.3	46.3	1.4
00:45	.2	340.5	.7	65.5	3.0	55.5	2.9	50.7	1.6
01:00	.2	6.5	.6	54.6	2.8	53.9	2.8	49.0	1.7
01:15	.5	58.3	1.1	50.6	3.0	51.8	3.7	43.2	2.4
01:30	.7	70.0	1.6	56.4	3.2	51.3	4.5	48.0	3.1
01:45	.1	214.0	1.3	55.8	2.9	52.2	4.3	49.9	3.2
02:00	.1	78.2	1.1	52.3	3.1	48.7	3.8	45.6	2.9
02:15	.5	76.8	1.2	52.0	3.4	47.6	3.7	45.8	2.9
02:30	.7	62.4	1.1	47.2	2.8	50.0	3.7	49.7	3.2
02:45	.8	69.6	1.1	51.3	2.8	49.4	3.8	52.4	3.2
03:00	.9	66.4	1.2	50.0	3.0	47.4	3.5	54.8	3.0
03:15	.8	60.4	1.3	40.4	3.4	43.6	3.5	53.0	2.7
03:30	.7	81.5	1.1	39.4	3.5	42.5	3.4	47.6	2.3
03:45	.6	104.9	.8	51.2	3.2	45.2	2.9	45.7	1.8
04:00	.8	110.0	1.1	74.5	3.1	52.7	3.1	49.5	1.6
04:15	.8	120.2	1.5	85.0	3.3	55.8	3.2	50.9	1.6
04:30	.4	208.4	1.8	75.6	3.5	52.7	3.5	47.8	1.6
04:45	.5	232.2	2.4	67.0	3.8	51.4	3.8	48.9	1.7
05:00	.6	90.9	2.7	62.3	4.2	51.5	3.8	53.2	1.9
05:15	.4	65.5	2.7	61.4	4.0	52.0	3.4	56.5	1.8
05:30	.8	69.2	2.5	67.7	3.5	56.7	2.9	64.5	1.8
05:45	1.2	82.4	2.2	71.2	3.6	60.5	3.0	68.9	2.1
06:00	1.3	85.8	2.2	68.1	3.8	57.5	3.1	69.8	2.1
06:15	1.5	83.6	2.5	67.6	3.7	60.4	3.3	76.3	2.2
06:30	1.6	82.1	2.8	68.5	4.0	64.2	3.7	81.2	2.4
06:45	1.6	75.8	2.9	68.0	4.3	66.4	3.7	81.6	2.3
07:00	1.9	81.0	2.8	64.7	4.1	69.5	3.6	84.3	2.2
07:15	2.0	79.7	2.6	60.1	3.8	67.8	3.5	85.9	2.2
07:30	2.2	78.9	2.3	63.3	3.8	65.6	3.7	84.2	2.2
07:45	2.3	81.8	2.8	67.1	4.0	65.7	3.9	83.2	2.4
08:00	1.8	83.0	3.3	68.3	3.9	64.0	3.7	80.2	2.2
08:15	1.4	86.4	2.8	66.1	3.7	62.8	3.6	82.1	2.1
08:30	1.0	73.0	2.6	60.7	3.7	66.3	3.7	87.2	2.5
08:45	.8	77.4	3.1	59.4	3.4	67.5	3.7	88.8	2.4
09:00	1.0	87.7	2.7	63.8	3.3	70.3	3.8	91.8	2.6
09:15	2.0	87.3	2.2	69.6	3.4	76.2	3.6	96.6	3.0
09:30	1.6	86.7	1.7	62.4	2.9	75.1	3.2	96.2	2.9
09:45	.6	78.6	1.3	42.8	2.1	67.6	2.9	88.3	2.3
10:00	.6	67.2	1.3	59.1	1.8	77.1	2.8	88.3	2.4
10:15	.4	56.1	.8	44.8	1.3	77.2	2.2	93.1	2.4
10:30	.3	68.3	.8	30.7	.9	69.1	1.3	92.5	1.9
10:45	.4	109.8	.7	87.2	1.1	92.4	.9	98.5	1.6
11:00	.5	135.6	.8	120.5	1.1	124.6	1.2	131.3	1.6
11:15	.5	158.0	1.1	149.9	1.4	165.2	1.9	166.3	2.1
11:30	.6	201.9	1.1	174.2	1.3	184.4	1.3	186.6	2.3
11:45	1.0	232.8	1.4	232.1	1.2	223.0	1.0	224.3	1.6
12:00	1.2	219.6	1.5	234.5	1.4	223.8	.9	223.0	.9
12:15	1.0	231.4	1.0	200.5	1.3	187.9	1.0	182.1	1.1
12:30	1.2	272.8	.8	239.1	1.0	209.6	.9	195.0	1.2



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10/19/2018

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	45.3	1.2	43.3	.5	73.1	1.1	111.3		
00:15	38.4	1.2	51.0	.4	85.3	1.6	92.3		
00:30	45.7	1.0	68.1	.3	50.1	.4	338.2	3.9	113.4
00:45	47.8	.9	63.1	.4	52.9	.8	278.4	3.9	113.6
01:00	35.8	1.3	65.8	.3	133.1	.2	274.0	3.9	119.7
01:15	49.1	2.2	70.9	.6	144.3	.4	116.3	4.0	129.9
01:30	59.0	2.7	70.1	1.1	106.9	3.0	124.4	3.9	146.8
01:45	60.7	2.5	76.1	1.5	87.5	3.7	131.5	4.4	166.7
02:00	63.5	2.3	87.6	2.9	99.6	3.7	143.3	5.7	172.9
02:15	67.1	2.2	90.7	3.6	120.6	4.5	160.5	6.6	181.0
02:30	74.6	2.2	94.8	3.5	134.7	4.5	172.7	7.4	186.6
02:45	81.0	2.4	104.9	3.5	144.4	4.5	176.6	7.5	185.9
03:00	82.4	2.6	117.2	3.4	152.1	4.6	180.0	7.9	195.2
03:15	74.3	2.5	124.0	3.3	162.3	4.0	187.6	8.2	197.5
03:30	68.4	1.9	129.5	3.2	173.9	3.9	190.1	8.4	191.6
03:45	71.0	1.5	138.2	3.4	178.3	5.0	190.2	9.3	194.9
04:00	79.2	1.4	144.9	3.9	178.0	5.0	190.0	9.7	192.3
04:15	82.5	1.5	139.8	4.0	177.7	5.2	185.0	9.6	186.6
04:30	77.3	1.4	142.2	4.5	179.0	5.7	187.7	8.2	186.7
04:45	77.1	1.4	149.3	4.6	180.2	4.9	191.5	6.1	195.8
05:00	78.2	1.4	155.3	4.5	181.7	4.4	194.1	6.7	204.3
05:15	84.8	1.6	160.7	4.1	185.8	4.7	210.3	7.3	208.4
05:30	93.0	1.6	155.6	3.4	191.0	6.0	215.8	8.0	207.4
05:45	90.5	1.6	140.0	3.0	189.5	5.7	217.4	6.9	208.1
06:00	94.5	1.5	141.8	3.0	185.0	7.1	220.9	7.2	217.9
06:15	99.3	1.5	152.7	3.4	203.1	8.1	216.2	9.1	216.7
06:30	97.8	1.8	145.6	3.6	207.2	8.3	218.6	8.7	207.5
06:45	104.4	2.2	147.6	3.7	193.3	9.0	220.7	8.5	212.9
07:00	107.8	2.5	144.5	4.5	200.3	8.5	213.0	9.5	208.3
07:15	103.4	1.7	136.8	4.3	214.8	8.5	215.0	9.5	206.0
07:30	101.0	1.8	149.4	4.5	202.2	8.8	218.0	9.8	206.0
07:45	102.0	2.4	139.0	5.2	209.1	9.0	220.0	9.8	206.0
08:00	104.9	2.3	130.6	5.0	200.0	9.0	222.0	10.0	206.0
08:15	107.7	2.0	126.6	4.9	194.6	9.5	224.0	10.0	206.0
08:30	107.9	1.7	125.7	4.7	205.0	10.0	226.0	10.0	206.0
08:45	112.8	1.6	148.2	4.5	220.1	10.8	227.6	10.3	206.0
09:00	123.5	2.0	154.6	5.6	202.4	10.8	224.0	10.3	206.0
09:15	135.3	2.5	150.9	6.9	199.2	10.8	221.0	10.5	206.0
09:30	141.4	2.0	130.6	6.0	200.0	10.5	219.0	10.5	206.0
09:45	132.9	1.5	150.8	5.0	203.0	10.3	216.0	10.8	206.0
10:00	126.8	2.6	165.2	4.4	205.4	10.0	213.0	10.8	206.0
10:15	135.4	3.4	171.3	4.2	197.3	9.8	210.0	11.0	206.0
10:30	148.3	3.6	174.4	4.5	195.0	9.5	207.0	11.0	206.0
10:45	148.7	3.4	173.0	5.0	192.0	9.5	204.0	11.3	206.0
11:00	145.3	3.1	169.1	5.5	190.0	9.3	201.0	11.3	206.0
11:15	162.1	3.4	171.5	6.0	188.0	9.0	198.0	11.5	206.0
11:30	178.6	3.1	178.8	6.5	186.0	9.0	195.0	11.5	206.0
11:45	196.5	3.0	179.2	7.0	184.0	8.8	193.0	11.5	206.0
12:00	199.0	4.0	181.0	7.0	181.1	8.4	190.3	11.7	205.2
12:15	180.9	4.5	180.0	7.9	179.9	7.9	189.2	10.7	206.3
12:30	195.0			7.5	185.0	8.2	190.2		



## Daily Summary Report

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10/19/2018

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	5.1	136.1				
00:45	5.3	135.1				
01:00	5.2	136.0				
01:15	4.3	160.4				
01:30	4.8	181.7				
01:45	6.6	187.9				
02:00	8.3	186.4				
02:15	10.0	185.0				
02:30	11.3	184.3				
02:45	10.6	190.1				
03:00	10.2	198.5				
03:15	10.7	212.0				
03:30	10.0	209.0				
03:45	10.0	209.0				
04:00	10.0	209.0				
04:15	10.0	209.0				
04:30	10.0	209.0				
04:45	10.0	209.0				
05:00	10.0	209.0				
05:15	10.0	209.0				
05:30	10.0	209.0				
05:45	10.0	209.0				
06:00	10.0	209.0				
06:15	10.0	209.0				
06:30	10.0	209.0				
06:45	9.3	205.8				
07:00	9.5	209.0				
07:15						
07:30						
07:45						
08:00						
08:15						
08:30						
08:45						
09:00						
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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						
14:30						
14:45						
15:00						
15:15						
15:30						
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20:00						
20:15						
20:30						
20:45						
21:00						
21:15						
21:30						
21:45						
22:00						
22:15						
22:30	16.2	227.1	16.7	227.2	15.9	229.8
22:45	17.0	226.0	17.6	226.8	15.0	228.0
23:00	16.4	225.0	16.0	226.8	15.0	228.0
23:15	16.0	225.0	16.0	226.8	15.0	228.0
23:30	15.8	225.0	16.0	226.8	14.0	228.0
23:45	15.5	225.0	15.0	226.8	14.0	228.0
Avg	10.2	199.3	16.2	226.9	14.8	228.3
Max	17.0	227.1	17.6	227.2	15.9	229.8
Hr. of Max	91	90	91	90	90	90
Min	4.3	135.1	15.0	226.8	14.0	228.0
Count	33	33	6	6	6	6
Total						