

## Daily Summary Report

Site: ORNL Sodar

11/30/2019

Interval: 015m

	03_WS060m	04_WD060m	05_WS100m	06_WD100m	07_WS140m	08_WD140m	09_WS180m	10_WD180m	11_WS240m
Time	M/SEC	DEG	M/SEC	DEG	KPH	DEG	M/SEC	DEG	M/SEC
00:00	.6	69.0	.3	338.0	.5	63.0	.5	75.0	.3
00:15	.8	69.0	.1	340.1	.7	81.7	.7	98.5	.6
00:30	1.0	71.0	.1	123.4	.9	80.3	.9	96.2	.7
00:45	.9	71.2	.1	86.4	1.0	87.4	.8	101.5	.4
01:00	.6	77.5	.1	147.9	.8	101.1	.5	134.3	.7
01:15	1.0	90.2	.2	215.5	.8	113.1	.7	143.9	1.0
01:30	1.3	92.8	.2	236.0	.9	108.9	1.0	137.9	.9
01:45	1.1	88.3	.2	222.5	1.1	105.6	1.4	128.6	.8
02:00	1.0	88.0	.0	143.3	1.1	96.5	1.3	116.8	1.0
02:15	1.1	90.3	.1	191.0	1.0	90.8	1.1	108.0	1.1
02:30	1.3	91.1	.2	172.1	1.0	97.2	1.2	118.9	1.3
02:45	1.2	98.0	.2	45.0	.9	87.9	1.1	117.7	1.3
03:00	1.2	93.9	.4	12.3	.9	67.6	.8	89.8	.7
03:15	1.1	85.0	.3	.4	.8	68.3	.6	76.4	.4
03:30	1.0	84.4	.2	310.4	.6	67.4	.3	82.2	.8
03:45	1.0	85.8	.3	270.0	.4	56.4	.2	65.6	.8
04:00	1.0	83.0	.3	263.2	.3	60.9	.3	67.2	.2
04:15	1.0	84.0	.3	261.5	.4	54.1	.5	57.8	.1
04:30	.9	84.5	.3	265.9	.4	49.5	.4	23.5	.4
04:45	.8	79.9	.4	258.3	.2	42.5	.3	328.0	1.2
05:00	.8	76.0	.4	235.9	.1	157.8	.2	234.2	1.7
05:15	.9	76.0	.4	229.6	.2	185.0	.4	205.3	1.4
05:30	.9	77.7	.3	224.6	.2	132.1	.3	159.5	.7
05:45	.9	80.7	.4	233.0	.3	108.9	.2	124.8	1.1
06:00	.9	79.1	.3	212.4	.2	134.1	.2	182.0	2.0
06:15	.7	67.2	.3	212.3	.3	164.5	.6	211.1	2.5
06:30	.5	50.0	.4	242.6	.4	169.6	1.1	207.4	2.7
06:45	.4	23.7	.4	233.8	.6	170.6	1.3	202.3	2.8
07:00	.3	28.9	.5	222.3	1.0	180.6	1.8	202.5	3.5
07:15	.4	65.6	.4	225.7	1.0	187.5	1.9	213.7	3.9
07:30	.3	101.4	.3	252.8	.7	182.5	1.5	217.2	3.4
07:45	.3	98.4	.1	209.3	.8	138.8	1.3	181.4	2.8
08:00	.4	75.7	.2	109.0	1.1	109.1	1.3	152.3	3.1
08:15	.7	87.8	.3	69.9	1.1	88.6	.8	133.6	2.8
08:30	.7	99.5	.4	67.5	1.2	72.5	.6	76.8	1.7
08:45	.3	133.2	.3	73.5	1.4	66.4	1.1	63.1	1.3
09:00	.3	133.9	1.0	84.8	1.9	76.5	1.4	87.9	2.0
09:15	.4	100.9	1.3	91.1	2.2	77.1	2.0	86.0	1.9
09:30	.4	99.7	.9	81.4	2.6	66.1	2.9	71.2	1.5
09:45	.5	97.0	1.0	88.0	2.8	71.4	3.2	73.3	1.6
10:00	.7	98.0	1.2	99.3	2.4	77.2	2.8	77.5	1.9
10:15	.5	111.0	1.1	81.2	1.9	75.8	2.3	81.6	1.8
10:30	.2	45.6	.6	50.6	1.7	66.3	1.9	74.0	1.1
10:45	.2	101.1	.7	69.2	1.3	61.4	1.3	59.4	.7
11:00	.8	146.0	1.0	89.6	1.2	77.5	1.1	71.5	1.0
11:15	.7	144.8	.7	93.3	1.4	82.8	1.5	79.9	1.3
11:30	.4	133.1	1.1	80.8	1.5	80.6	1.6	82.8	1.6
11:45	.6	93.2	1.5	74.1	1.7	74.6	1.7	84.4	1.9
12:00	.6	92.3	.9	72.8	1.4	79.5	1.7	92.2	2.1
12:15	.3	59.9	.8	63.8	1.0	68.9	1.4	87.0	1.9
12:30	.7	78.1	1.3	66.6	1.5	69.7	1.6	80.7	1.8



## Daily Summary Report

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11/30/2019

Interval: 015m

	12_WD240m	13_WS300m	14_WD300m	15_WS400m	16_WD400m	17_WS500m	18_WD500m	19_WS600m	20_WD600m
Time	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	150.0	.2	60.0	.5	230.0	3.2	225.0	5.8	232.0
00:15	121.8	.1	117.4	.9	201.3	4.3	206.0	6.4	229.6
00:30	136.8	.1	100.7	1.7	186.5	5.1	205.1	6.6	228.8
00:45	157.4	.2	208.3	3.0	191.6	5.7	212.7	7.0	232.0
01:00	165.5	.2	177.7	3.9	190.3	6.0	216.5	7.2	235.1
01:15	161.5	.7	172.2	4.3	193.9	6.1	217.1	6.2	238.4
01:30	167.8	.8	187.2	4.2	195.3	6.1	216.1	6.0	238.6
01:45	164.8	.2	270.6	3.7	191.4	6.1	217.1	6.7	230.5
02:00	160.1	.3	198.6	4.1	189.7	6.1	210.2	6.8	220.5
02:15	153.0	.6	178.6	4.1	188.6	6.9	205.1	7.3	214.0
02:30	155.7	.6	172.9	4.8	191.9	8.1	208.4	8.6	223.0
02:45	157.9	.6	177.0	5.2	194.8	7.4	201.0	10.8	214.9
03:00	155.0	.4	208.1	4.2	197.1	7.7	202.4	14.2	206.4
03:15	188.4	.5	229.6	4.3	207.9	8.7	216.0	17.8	205.8
03:30	212.9	.8	209.4	6.0	211.2	10.5	212.0	17.5	208.0
03:45	217.0	1.1	210.6	7.0	209.7	10.6	207.5	17.2	210.0
04:00	205.9	1.3	219.8	6.8	208.3	11.4	211.4	17.0	213.0
04:15	56.8	1.6	210.4	6.7	207.8	12.1	210.4	16.7	217.8
04:30	260.4	1.9	216.6	6.4	211.4	12.0	208.6	13.8	222.6
04:45	247.6	2.3	223.9	6.9	217.3	10.8	214.9	13.7	219.8
05:00	236.9	3.3	223.9	8.1	220.5	12.9	216.1	14.3	218.1
05:15	235.0	3.6	225.4	8.5	220.9	13.6	216.0	13.0	221.0
05:30	235.9	3.0	225.1	7.9	221.8	12.0	219.2	11.6	224.5
05:45	223.2	3.3	223.6	8.0	224.1	11.5	221.3	12.5	229.4
06:00	221.0	4.4	224.6	8.9	224.7	11.8	223.5	13.2	232.5
06:15	228.5	4.9	228.8	9.5	226.8	12.3	227.6	13.9	235.7
06:30	232.6	5.1	231.3	10.4	228.6	12.3	229.9	14.8	238.4
06:45	231.4	5.7	229.9	10.6	226.1	12.6	231.2	15.1	238.5
07:00	226.9	6.5	226.1	10.6	222.5	12.4	232.4	14.1	238.0
07:15	226.0	6.5	223.7	10.9	220.7	12.7	233.8	12.3	237.2
07:30	226.4	5.8	223.1	10.0	219.8	15.4	219.8	12.8	231.7
07:45	216.4	5.6	218.7	9.8	217.2	13.4	218.8	13.5	227.4
08:00	209.3	5.6	215.9	10.0	212.0	10.8	222.8	11.2	234.6
08:15	215.8	4.7	222.4	9.0	212.5	10.2	221.5	10.6	238.5
08:30	228.8	4.3	230.6	8.5	221.2	11.1	218.5	10.0	243.6
08:45	229.4	4.5	229.0	9.4	222.6	11.3	219.3	9.8	241.3
09:00	198.9	5.2	215.9	10.2	216.1	10.2	225.3	10.8	236.2
09:15	167.9	4.5	203.0	9.6	210.6	9.7	225.6	12.8	229.8
09:30	113.9	3.1	192.7	8.3	206.5	8.9	220.8	10.7	224.8
09:45	106.0	2.7	188.3	7.6	205.9	10.1	210.3	10.8	221.5
10:00	112.7	2.4	180.0	6.9	205.4	11.2	210.9	12.6	220.5
10:15	119.1	2.6	175.1	6.4	203.9	10.0	214.6	13.1	218.1
10:30	123.0	2.3	179.6	5.9	211.3	9.2	216.9	13.5	217.4
10:45	95.9	1.5	188.0	5.3	217.2	8.9	219.1	13.0	216.1
11:00	103.6	1.8	182.8	5.1	213.3	9.6	214.3	11.6	215.6
11:15	111.4	2.1	172.6	5.4	207.1	10.2	206.9	11.5	215.9
11:30	112.3	2.4	167.6	5.8	197.0	10.0	202.3	11.6	215.4
11:45	113.5	2.6	160.1	6.2	189.8	9.9	198.8	12.3	213.4
12:00	125.6	2.9	160.3	6.3	190.0	10.3	196.9	12.8	209.2
12:15	130.1	2.6	162.1	5.8	192.0	9.6	198.5	12.7	203.0
12:30	109.7	2.1	141.8	4.7	186.5	8.7	198.7	12.9	202.3



## Daily Summary Report

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11/30/2019

Interval: 015m

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	M/SEC	DEG	M/SEC	DEG
00:00	7.7	250.0		
00:15	7.9	247.3	9.5	253.0
00:30	7.6	248.7	9.5	252.0
00:45	7.4	248.6	9.6	250.0
01:00	7.9	247.7	9.6	248.0
01:15	6.5	256.9	9.7	246.0
01:30	6.0	254.2	9.7	244.0
01:45	5.8	247.4	9.8	242.0
02:00	5.8	241.2	9.9	240.0
02:15	6.3	231.1	10.0	238.0
02:30	9.3	215.5	10.1	236.0
02:45	9.5	221.6	10.2	234.0
03:00	9.9	218.7	10.3	232.0
03:15	10.5	222.0	10.4	230.0
03:30	11.0	225.0	10.5	229.0
03:45	11.5	228.2	10.5	228.0
04:00	11.1	230.3	10.6	226.4
04:15	10.6	228.6	11.6	229.0
04:30	11.3	223.2	11.8	233.4
04:45	11.0	224.2	12.6	235.0
05:00	10.6	226.7	13.9	235.4
05:15	11.2	229.3	15.1	236.4
05:30	13.5	232.8	17.0	236.2
05:45	15.2	237.4	17.9	237.8
06:00	16.5	241.7	18.4	236.5
06:15	18.3	239.5	18.0	236.0
06:30	16.8	241.1	17.7	236.0
06:45	16.5	238.9	17.4	236.0
07:00	17.4	244.8	17.0	235.0
07:15	16.0	242.0	16.7	235.0
07:30	14.9	239.4	16.4	234.0
07:45	13.6	240.9	16.1	234.0
08:00	13.1	241.2	15.7	233.0
08:15	13.4	240.5	15.4	233.0
08:30	12.7	246.6	15.1	232.0
08:45	13.1	249.8	14.8	232.0
09:00	13.9	235.2	14.5	231.0
09:15	13.8	228.8	14.3	231.0
09:30	14.2	224.8	14.0	230.2
09:45	14.3	223.4	15.5	227.0
10:00	15.5	223.7	16.7	225.0
10:15	14.0	223.0	18.0	221.0
10:30	12.7	223.0	19.3	217.3
10:45	13.2	223.9	19.0	219.7
11:00	14.3	225.3	18.8	221.5
11:15	15.0	223.3	19.4	219.5
11:30	15.3	221.3	18.8	216.8
11:45	14.5	229.5	18.6	215.0
12:00	14.2	222.2	18.4	215.0
12:15	14.4	217.2	18.2	214.5
12:30	13.5	219.8		

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	M/SEC	DEG	M/SEC	DEG
12:45	13.6	219.7		
13:00	17.2	215.3		
13:15	17.8	214.6		
13:30	16.1	213.2		
13:45	16.2	212.0		
14:00	17.0	215.6		
14:15	16.0	216.0		
14:30	14.5	218.0		
14:45	13.5	219.6		
15:00	13.5	219.0		
15:15	13.6	218.0		
15:30	13.6	218.0		
15:45	13.7	217.0		
16:00	13.7	217.0		
16:15	13.8	216.0		
16:30	13.8	215.0		
16:45	13.8	215.0		
17:00	13.9	214.0		
17:15	14.0	213.0		
17:30	14.0	213.0		
17:45	14.0	212.5	14.8	211.6
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				
<b>Avg</b>	12.9	228.0	14.3	232.0
<b>Max</b>	18.3	256.9	19.4	253.0
<b>Max Time</b>	06:15	01:15	11:15	00:15
<b>Min</b>	5.8	212.0	9.5	211.6
<b>Count</b>	72	72	50	50
<b>Total</b>				