

## Daily Summary Report

Site: ORNL Sodar

12/8/2019

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	1.8	61.0	2.7	66.0	4.4	59.0	5.2	69.0	5.3
00:15	1.0	51.6	2.5	63.8	4.1	58.2	4.8	68.8	4.7
00:30	1.3	68.7	2.8	64.9	4.0	58.6	4.6	71.7	4.3
00:45	.4	.8	2.7	68.8	3.7	58.7	4.3	74.4	4.0
01:00	.5	65.6	2.6	67.7	3.7	58.8	4.2	73.9	3.7
01:15	.7	67.0	2.3	67.4	3.3	57.6	3.7	75.2	3.2
01:30	1.1	76.2	2.2	68.3	3.1	56.0	3.3	74.6	2.8
01:45	1.6	81.3	2.5	67.9	3.4	56.9	3.4	70.6	2.4
02:00	1.6	79.4	2.6	71.0	3.6	59.7	3.5	70.6	2.7
02:15	1.3	83.8	2.6	73.9	3.8	61.2	3.3	73.4	2.8
02:30	1.1	82.2	2.5	72.9	3.8	61.2	3.2	71.7	2.5
02:45	.9	73.7	2.7	71.0	3.7	58.3	3.3	66.1	2.3
03:00	1.6	71.7	3.1	69.6	4.0	59.1	3.5	61.8	2.4
03:15	2.2	74.1	3.4	67.8	4.8	59.6	4.1	62.0	2.7
03:30	2.1	72.4	3.9	67.4	5.5	58.4	4.7	63.7	3.1
03:45	2.9	71.6	4.1	64.8	5.5	56.1	4.9	61.9	3.1
04:00	3.2	69.8	3.6	60.4	5.1	54.2	4.8	59.4	2.9
04:15	2.3	65.7	3.0	56.7	4.7	53.8	4.6	59.8	2.6
04:30	1.8	66.2	2.8	57.1	4.2	51.6	4.3	60.6	2.4
04:45	1.4	69.0	2.4	57.5	3.7	52.9	3.9	61.8	2.1
05:00	1.4	82.2	2.2	64.5	3.5	60.3	3.7	65.2	2.0
05:15	1.5	82.9	2.4	71.8	3.8	64.2	3.4	72.3	1.8
05:30	1.7	77.0	2.7	70.5	3.9	65.0	3.3	79.6	1.9
05:45	1.6	69.4	2.9	69.2	4.1	67.4	3.7	81.6	2.5
06:00	1.6	78.3	3.0	68.4	4.2	69.1	4.1	81.9	3.0
06:15	1.8	90.6	2.7	66.0	4.0	70.3	4.1	84.1	3.2
06:30	1.9	87.8	2.3	65.3	3.8	70.2	4.2	86.2	3.2
06:45	.8	71.2	2.0	62.7	3.4	68.6	4.0	88.6	3.1
07:00	.9	65.0	2.0	56.6	3.0	67.6	3.7	90.5	3.1
07:15	.7	59.9	1.9	45.1	2.4	66.0	3.2	91.1	3.1
07:30	.8	63.7	1.5	26.4	1.9	56.6	2.6	88.4	2.4
07:45	.4	59.0	1.3	15.9	1.8	53.0	2.2	87.0	1.8
08:00	.2	138.8	1.2	20.3	1.6	60.2	1.9	93.0	1.8
08:15	.2	149.2	1.0	27.7	1.3	62.5	1.6	96.0	1.8
08:30	.2	243.4	.7	28.1	1.4	52.9	1.2	87.8	1.4
08:45	.5	269.0	.5	5.3	1.2	39.2	.8	67.0	1.0
09:00	.4	315.6	.7	328.5	1.0	14.8	.4	17.2	1.4
09:15	.6	311.0	.9	328.3	1.0	352.4	.7	296.2	2.6
09:30	.3	283.9	.8	357.3	.8	337.2	1.3	261.4	3.4
09:45	.1	323.1	1.0	40.2	.2	225.6	2.0	221.5	3.8
10:00	.4	51.8	.9	78.8	1.0	187.5	2.5	202.1	4.1
10:15	.6	56.9	.8	100.6	1.2	187.7	2.4	195.2	3.7
10:30	.4	45.7	.8	98.4	1.5	181.2	2.5	191.1	3.4
10:45	.3	55.3	.7	149.4	1.7	191.8	2.5	196.3	3.0
11:00	.2	312.7	1.0	195.4	1.8	202.7	2.3	202.1	2.6
11:15	.5	270.3	1.1	208.1	1.5	212.5	1.8	207.3	2.6
11:30	.4	241.1	1.1	224.0	1.3	233.5	1.4	227.9	2.1
11:45	.5	227.3	1.6	226.1	1.6	228.5	1.7	223.7	1.8
12:00	.5	180.8	1.8	226.3	1.6	225.7	1.7	212.8	1.8
12:15	.9	135.0	1.3	215.7	1.4	223.8	1.6	213.2	1.8
12:30	1.0	159.9	1.8	197.1	1.9	202.4	2.2	189.8	2.2



## Daily Summary Report

Site: ORNL Sodar

12/8/2019

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	98.0	5.5	125.0	6.5	161.0	8.7	173.0	12.1	181.0
00:15	103.0	4.8	133.6	6.2	174.9	9.2	183.5	12.6	179.2
00:30	107.7	4.4	143.3	6.5	179.8	9.8	184.2	12.5	180.0
00:45	112.2	4.2	150.7	7.0	182.0	10.5	183.0	11.5	182.8
01:00	113.8	3.8	157.9	7.8	184.0	11.5	183.5	13.0	178.0
01:15	121.9	3.6	166.9	7.8	183.3	10.6	182.6	14.2	175.1
01:30	128.4	3.5	168.6	7.0	183.2	9.6	182.2	11.9	183.9
01:45	118.4	3.2	159.3	6.1	182.3	8.8	184.7	12.7	185.7
02:00	116.2	3.4	154.9	5.6	180.9	7.9	183.9	12.7	186.6
02:15	127.4	4.2	163.9	6.1	180.7	7.3	182.9	10.7	186.6
02:30	129.6	4.4	170.5	9.4	180.7	6.4	183.7	10.5	187.0
02:45	117.5	3.6	167.7	7.7	181.4	5.5	181.7	9.6	182.7
03:00	103.8	3.0	155.3	4.9	181.8	6.1	180.4	10.5	183.3
03:15	98.5	2.9	145.6	4.7	182.4	7.6	180.6	11.5	183.0
03:30	100.5	3.0	142.2	5.3	176.0	6.4	175.0	9.4	161.7
03:45	98.6	3.1	136.4	5.2	151.7	5.0	170.0	9.0	145.1
04:00	94.6	3.0	133.5	4.1	158.8	3.7	166.9	7.8	153.4
04:15	93.2	2.8	136.7	4.3	173.3	5.3	173.1	8.8	171.1
04:30	95.5	2.6	144.8	4.6	179.7	6.9	175.0	9.4	172.5
04:45	92.1	2.3	151.3	4.5	181.7	7.5	174.5	10.0	170.0
05:00	85.5	2.0	151.2	4.2	178.2	7.6	171.8	10.7	168.2
05:15	87.3	1.4	151.8	4.0	177.5	7.0	169.2	10.4	169.4
05:30	94.1	1.4	138.5	3.7	173.0	5.8	154.2	10.5	165.0
05:45	100.1	2.3	133.4	4.1	155.3	6.9	158.3	10.6	160.0
06:00	100.8	2.6	131.1	4.1	158.4	7.4	164.2	10.7	155.9
06:15	101.4	2.8	118.0	4.4	159.1	7.7	160.8	11.6	153.2
06:30	103.4	3.0	119.8	5.1	158.5	7.8	160.1	13.1	158.1
06:45	107.8	2.9	127.0	5.1	158.6	7.6	160.8	12.1	157.9
07:00	113.4	2.9	130.8	4.7	156.8	7.7	160.8	9.5	160.3
07:15	120.7	2.8	147.4	5.0	167.5	9.0	165.6	9.3	164.0
07:30	130.7	2.6	171.8	6.0	178.5	10.1	169.3	9.0	167.0
07:45	144.3	2.7	186.2	6.1	179.5	10.0	172.9	8.7	170.0
08:00	162.5	3.2	186.6	6.8	180.5	9.6	176.1	8.3	174.0
08:15	170.1	3.5	186.3	7.1	183.4	7.5	181.0	8.0	178.0
08:30	182.4	2.9	196.4	5.2	188.8	4.9	189.4	7.8	179.0
08:45	204.3	2.1	224.5	3.3	205.7	3.8	199.5	5.8	181.7
09:00	245.9	2.9	244.8	3.2	214.9	3.2	215.7	4.5	188.0
09:15	254.0	4.2	242.7	5.7	224.0	6.4	213.8	6.4	200.2
09:30	241.6	4.8	232.5	7.2	219.8	8.0	210.0	9.0	202.3
09:45	219.1	4.8	215.3	7.5	209.4	8.7	201.1	8.7	194.8
10:00	200.7	5.2	202.3	7.8	200.9	9.5	193.8	9.1	187.3
10:15	194.5	5.1	199.2	7.8	198.2	9.4	193.9	10.4	185.8
10:30	193.9	4.7	198.8	7.0	200.1	9.1	193.1	10.3	184.9
10:45	197.0	4.3	198.4	6.8	199.7	9.4	190.1	9.9	184.4
11:00	201.4	4.2	201.5	7.4	195.6	9.1	188.0	7.9	182.5
11:15	204.8	3.8	205.8	6.6	196.9	8.1	190.5	7.6	181.0
11:30	212.4	2.8	207.4	4.8	203.2	6.8	193.6	7.5	180.7
11:45	207.7	2.6	206.9	4.1	205.3	5.6	194.1	7.0	180.3
12:00	200.7	2.6	206.4	4.2	202.2	5.3	189.7	6.9	179.1
12:15	202.7	2.2	192.3	3.7	187.3	5.4	179.3	6.5	176.7
12:30	190.7	2.8	176.4	3.7	174.3	5.6	171.9	6.7	174.1



## Daily Summary Report

Site: ORNL Sodar

12/8/2019

Interval: 015m

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	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	13.4	176.0		
02:45	12.9	180.5		
03:00				
03:15				
03:30				
03:45				
04:00				
04:15				
04:30				
04:45				
05:00				
05:15				
05:30				
05:45				
06:00				
06:15				
06:30				
06:45				
07:00				
07:15				
07:30				
07:45				
08:00				
08:15	5.9	177.7	9.0	178.0
08:30	7.2	172.5	10.0	175.9
08:45	7.5	176.3	9.5	175.4
09:00	6.3	179.0	8.5	181.7
09:15	7.3	192.3	7.8	192.4
09:30	7.0	202.1	6.9	197.1
09:45	6.2	190.0	8.4	188.0
10:00	6.9	181.3	9.3	182.1
10:15	8.2	174.1	9.1	173.1
10:30	9.5	172.7	9.6	173.4
10:45	7.6	169.2	9.2	175.5
11:00	7.1	166.9	9.4	174.1
11:15	7.1	169.2	9.6	175.6
11:30	7.1	168.4	9.1	176.1
11:45	7.9	169.7	9.5	176.4
12:00	8.6	176.3	10.4	178.4
12:15	8.7	178.5	11.2	178.9
12:30	8.5	177.3	11.0	177.2

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	M/SEC	DEG	M/SEC	DEG
12:45	8.5	184.4	10.0	183.5
13:00	9.3	188.2	10.0	190.6
13:15	9.7	191.7	10.2	196.0
13:30	10.3	200.0	10.5	200.7
13:45	9.2	207.9	10.8	200.7
14:00	10.2	216.5	11.6	210.0
14:15	11.0	211.0	13.9	215.1
14:30				
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	15.1	196.9		
21:15	13.0	193.7		
21:30	14.0	194.0		
21:45	15.0	195.0		
22:00	16.0	196.0		
22:15	17.1	195.8		
22:30	17.3	197.0		
22:45	17.5	197.0		
23:00	17.7	197.0		
23:15	17.8	196.0		
23:30	18.0	196.0		
23:45	18.2	196.0		
<b>Avg</b>	10.9	187.0	9.8	185.0
<b>Max</b>	18.2	216.5	13.9	215.1
<b>Max Time</b>	23:45	14:00	14:15	14:15
<b>Min</b>	5.9	166.9	6.9	173.1
<b>Count</b>	39	39	25	25
<b>Total</b>				