

## Daily Summary Report

Site: ORNL Sodar

1/11/2018

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	271.0	.7	232.9	1.5	213.3	2.5	200.8	3.6
00:15	.3	278.1	.9	236.4	1.9	222.5	2.6	206.1	3.4
00:30	.1	99.3	.5	256.1	1.5	229.0	2.3	213.1	2.7
00:45	.5	111.4	.3	320.1	1.0	231.4	2.0	217.6	2.0
01:00	.3	104.9	.4	354.0	1.0	238.8	2.0	224.4	1.3
01:15	.4	70.9	.3	9.3	.6	237.1	1.8	224.2	1.0
01:30	.4	75.5	.4	67.6	.3	194.5	1.3	210.0	1.7
01:45	.4	76.1	.6	64.0	.3	178.1	1.1	200.6	1.8
02:00	.6	75.0	.7	35.3	.1	310.6	.8	208.3	1.3
02:15	.6	82.9	.7	28.5	.2	322.2	.7	226.5	1.6
02:30	.4	82.0	.5	30.1	.4	322.3	.9	236.7	1.7
02:45	.3	75.6	.6	358.4	.7	316.4	1.1	249.9	1.3
03:00	.7	71.7	.7	353.5	.8	312.3	1.2	250.0	.9
03:15	.8	73.5	.6	347.3	.9	301.2	1.4	251.0	.9
03:30	.6	75.3	.7	335.7	1.2	302.8	1.8	256.1	.9
03:45	.7	70.6	.7	354.6	1.1	305.3	1.6	255.0	.7
04:00	.9	68.4	.8	24.7	.8	315.3	1.4	257.0	.7
04:15	1.1	69.1	1.4	45.1	.9	359.6	.9	264.8	1.0
04:30	1.4	71.2	1.7	48.6	1.5	35.1	.2	317.7	1.3
04:45	1.4	66.3	2.1	56.7	2.5	43.1	.8	43.4	1.3
05:00	1.8	68.1	2.8	55.4	3.0	43.8	1.7	42.6	.5
05:15	2.1	70.3	2.2	47.5	3.2	45.0	2.5	41.8	.2
05:30	1.8	65.5	1.9	42.0	3.7	47.5	3.0	45.2	.7
05:45	2.0	63.0	2.6	51.3	4.4	47.7	3.9	48.2	1.4
06:00	1.9	62.2	3.6	56.6	4.8	47.1	4.8	51.3	2.4
06:15	2.0	66.8	3.9	56.1	5.2	47.4	5.6	51.4	3.4
06:30	2.7	69.6	4.1	58.3	5.6	50.4	6.3	53.4	4.0
06:45	2.1	66.9	3.5	57.2	5.1	53.5	6.4	58.0	3.9
07:00	1.3	63.5	2.8	58.7	4.6	53.9	6.2	60.2	3.6
07:15	1.6	64.2	3.1	63.5	4.5	54.0	6.2	61.5	4.0
07:30	1.4	54.3	3.4	64.4	4.5	52.8	6.1	59.4	4.1
07:45	1.6	58.9	3.1	57.9	4.9	48.5	5.7	57.7	3.4
08:00	1.9	67.5	3.3	55.9	5.1	48.7	6.0	61.9	5.4
08:15	1.4	56.3	3.4	61.1	5.0	51.6	6.3	60.6	6.7
08:30	1.9	62.7	3.6	62.0	5.4	55.4	6.7	62.0	6.3
08:45	2.0	67.4	3.8	60.1	5.8	52.8	6.9	62.3	6.2
09:00	.9	25.8	3.7	60.3	5.6	50.4	6.8	58.1	6.8
09:15	1.1	44.9	4.0	63.6	5.8	55.2	7.2	58.4	7.5
09:30	1.9	64.2	4.2	65.9	6.1	58.0	7.0	63.4	7.0
09:45	2.1	65.6	3.6	62.0	5.1	56.1	5.7	68.8	5.8
10:00	1.6	57.5	2.8	51.8	4.1	47.2	5.0	61.8	5.4
10:15	.7	5.3	1.6	40.7	2.9	38.4	4.2	53.4	4.8
10:30	.6	301.0	.8	325.4	1.7	23.3	2.9	44.0	3.3
10:45	.6	291.3	1.2	327.0	1.9	13.0	2.6	35.1	2.3
11:00	.4	331.5	2.0	4.1	2.8	24.5	2.6	44.6	1.9
11:15	.4	345.3	2.3	12.1	3.2	30.6	2.6	52.5	1.7
11:30	.3	308.2	2.0	6.4	2.8	30.7	2.3	52.6	1.2
11:45	.2	352.2	2.1	29.4	2.7	46.8	2.2	67.7	1.1
12:00	.2	306.7	2.9	61.1	3.0	68.1	2.5	82.0	1.9
12:15	.2	321.2	3.1	71.0	3.6	74.6	3.2	89.0	2.9



## Daily Summary Report

Site: ORNL Sodar

1/11/2018

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	181.2	5.2	173.5	8.1	176.9	8.7	180.6	10.4	168.1
00:15	182.2	5.0	174.8	7.6	177.4	8.8	183.5	10.4	167.1
00:30	184.6	3.9	177.9	7.0	177.6	7.0	182.0	10.5	166.1
00:45	183.8	2.7	173.9	3.4	174.8	5.0	180.0	10.6	165.1
01:00	194.8	1.7	174.2	3.5	181.2	2.7	178.9	10.6	164.1
01:15	211.3	.8	181.1	3.2	178.5	2.5	184.5	10.7	163.1
01:30	196.4	.9	170.7	3.2	172.9	4.5	179.0	10.7	162.1
01:45	190.9	1.4	167.8	3.9	167.8	6.6	175.8	10.8	161.1
02:00	203.4	1.8	178.9	4.7	169.0	7.2	174.5	10.8	160.1
02:15	216.6	2.0	185.5	4.9	172.1	7.8	173.4	10.8	159.1
02:30	225.2	1.7	189.1	4.5	175.7	7.5	170.8	10.9	158.1
02:45	233.8	1.4	191.2	4.6	181.4	7.5	168.6	11.1	157.1
03:00	228.7	1.2	196.9	4.4	178.7	7.5	165.0	11.0	157.6
03:15	241.8	1.1	198.2	4.2	177.4	7.2	166.8	10.2	166.7
03:30	251.5	.9	201.9	4.2	185.9	6.6	173.8	9.8	167.3
03:45	248.6	.7	234.6	4.0	196.9	5.7	177.7	9.5	165.7
04:00	252.1	1.0	230.7	3.6	198.9	5.3	181.0	8.8	166.6
04:15	241.9	.8	222.5	3.4	185.2	5.3	172.4	8.7	165.0
04:30	211.7	1.0	201.2	3.5	182.4	5.6	166.1	8.7	164.0
04:45	205.6	1.1	193.8	3.7	176.7	5.5	167.7	8.6	163.0
05:00	216.9	.5	214.0	4.9	174.8	5.2	165.6	8.5	162.0
05:15	13.9	.1	203.1	3.8	172.6	5.3	167.1	8.5	161.0
05:30	44.2	.1	149.9	1.8	183.7	4.2	174.7	8.4	160.0
05:45	42.2	.2	49.6	3.0	205.3	4.5	177.1	8.3	159.0
06:00	47.0	.9	55.4	4.5	196.4	6.4	180.1	8.2	158.0
06:15	50.5	2.1	48.7	3.8	150.0	4.6	164.0	8.1	157.0
06:30	49.6	2.8	53.1	3.2	105.0	4.9	151.7	8.0	156.0
06:45	49.3	2.7	54.7	3.0	100.0	5.2	157.8	8.0	155.0
07:00	50.5	2.4	58.2	2.7	90.0	5.2	153.0	7.9	154.0
07:15	57.3	3.6	67.4	2.4	80.0	5.2	148.0	7.8	153.0
07:30	60.0	3.5	51.6	2.1	71.9	5.2	143.0	7.7	152.0
07:45	58.6	2.8	55.5	3.0	76.1	5.1	138.2	7.6	149.9
08:00	74.3	4.3	69.0	4.9	123.0	5.9	135.8	8.2	149.0
08:15	74.2	6.2	66.5	4.9	112.4	6.5	138.5	8.5	149.0
08:30	75.3	6.8	83.4	6.5	99.2	5.7	133.5	8.8	149.0
08:45	77.1	6.0	85.6	5.2	102.1	5.4	130.1	8.9	148.9
09:00	72.8	6.4	84.0	5.2	112.6	6.3	130.1	9.5	150.0
09:15	74.4	6.8	87.7	5.9	122.7	8.5	136.0	10.0	150.8
09:30	81.3	6.2	95.1	6.2	131.5	9.4	141.7	10.2	145.1
09:45	84.6	5.2	103.7	5.7	141.5	9.2	152.7	9.5	146.0
10:00	78.9	4.7	97.9	5.3	140.9	9.3	156.1	8.8	147.8
10:15	71.3	4.2	90.9	5.1	141.0	8.6	156.4	8.1	146.0
10:30	70.9	2.8	105.8	4.9	153.0	7.7	162.6	7.7	162.0
10:45	70.5	1.8	118.1	4.4	170.9	6.9	186.3	7.2	180.0
11:00	79.4	1.3	120.2	3.4	183.4	6.0	190.5	7.4	180.0
11:15	93.6	1.1	137.0	2.9	185.7	5.5	190.2	7.6	180.0
11:30	88.6	.7	144.0	2.5	185.7	5.2	194.0	7.8	180.0
11:45	103.4	1.2	149.0	3.2	181.5	6.0	190.6	8.1	180.0
12:00	122.7	2.2	149.1	5.8	180.2	9.7	186.3	8.4	180.0
12:15	128.8	3.5	152.5	7.5	177.6	12.7	185.9	8.7	179.0



## Daily Summary Report

Site: ORNL Sodar

1/11/2018

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						
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						
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						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30						
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						
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						
21:15						
21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg						
Max						
Hr. of Max						
Min						
Count	0	0	0	0	0	0
Total						