

Daily Summary Report

Site: ORNL Sodar

2/20/2019

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	4.0	85.0	5.3	80.6	7.4	72.4	8.8	73.1	10.2
00:15	1.4	81.3	3.1	69.7	5.4	63.6	6.6	66.1	8.2
00:30	.6	275.5	1.8	32.4	3.1	41.1	4.0	51.5	5.3
00:45	.2	223.0	1.9	32.9	3.1	42.0	3.7	51.8	4.4
01:00	.3	193.9	1.2	35.5	2.7	47.8	3.5	53.9	3.8
01:15	.3	221.3	.5	27.7	2.0	56.2	3.0	59.3	3.7
01:30	.3	258.5	.6	54.1	2.1	61.6	3.2	63.1	4.0
01:45	.1	92.5	.6	61.5	1.8	65.0	2.8	64.3	3.5
02:00	.3	136.2	.3	83.9	1.3	70.2	2.2	62.3	3.1
02:15	.1	143.0	.2	64.0	1.1	58.2	2.0	57.0	3.2
02:30	.1	60.6	.3	343.2	.8	41.7	1.3	47.3	2.3
02:45	.0	103.4	.3	325.1	.5	41.2	.8	42.2	1.7
03:00	.1	192.8	.3	290.6	.5	41.4	.8	54.4	1.6
03:15	.1	247.6	.3	297.3	.7	36.7	.8	62.5	.7
03:30	.1	126.9	.3	14.2	1.1	59.1	.6	103.0	1.5
03:45	.5	89.3	.9	61.8	1.4	94.4	1.4	144.9	2.6
04:00	1.0	89.5	1.5	83.6	1.6	115.1	2.0	147.2	2.9
04:15	.9	94.6	1.6	80.7	1.4	123.0	1.9	153.2	2.5
04:30	.4	107.5	1.0	54.8	.9	126.7	1.2	158.8	1.7
04:45	.4	116.2	.5	37.0	.4	131.9	.6	171.2	1.5
05:00	.5	105.5	.2	32.7	.3	192.6	.7	204.7	2.0
05:15	.3	103.7	.4	330.3	.5	273.2	.9	253.3	1.9
05:30	.1	139.1	.5	300.6	.8	281.6	1.1	260.4	1.7
05:45	.1	340.3	.4	299.3	.7	268.7	1.1	251.7	2.2
06:00	.2	3.4	.6	306.3	1.1	277.7	1.5	270.1	2.5
06:15	.1	349.2	.9	287.2	1.9	275.1	2.4	265.3	3.2
06:30	.2	276.4	.7	285.8	2.0	272.0	2.8	255.1	4.1
06:45	.2	282.1	.2	323.9	1.2	279.2	2.1	251.8	4.1
07:00	.1	327.7	.1	330.7	.9	276.9	2.0	259.4	4.0
07:15	.1	296.7	.2	348.6	1.2	269.9	2.3	253.0	4.2
07:30	.2	289.2	.3	28.8	1.2	263.2	2.4	240.2	4.3
07:45	.2	287.5	.1	340.0	1.0	275.8	2.1	246.6	3.8
08:00	.3	288.8	.2	299.5	1.1	287.8	2.1	258.7	3.7
08:15	.4	295.6	.7	287.4	1.7	280.7	2.7	260.2	4.5
08:30	1.0	276.9	1.5	281.6	2.5	271.8	3.8	255.2	5.5
08:45	1.0	274.8	1.3	282.5	2.5	270.0	3.9	258.2	5.6
09:00	1.1	276.6	1.6	283.8	2.8	282.5	4.2	272.4	5.8
09:15	4.0	273.7	3.1	278.3	4.2	281.6	5.6	273.2	7.0
09:30	1.9	280.4	2.1	277.8	2.9	279.5	4.0	268.5	5.9
09:45	.6	292.3	.3	290.6	.8	279.0	1.6	261.2	3.7
10:00	.4	277.6	.3	145.5	.5	229.7	1.1	253.1	3.1
10:15	.4	267.5	.5	181.6	.7	223.0	1.2	246.5	3.2
10:30	.5	266.5	.8	216.9	1.2	252.5	1.6	247.1	3.5
10:45	.5	271.5	.5	233.3	1.1	257.7	1.6	260.2	3.2
11:00	.5	274.9	.1	234.9	.4	251.6	.8	277.0	2.0
11:15	.4	263.8	.2	324.4	.5	252.5	.9	275.1	1.6
11:30	.4	260.9	.2	338.7	.6	263.3	1.1	282.8	2.0
11:45	.3	264.1	.1	324.2	.5	246.0	.6	273.5	2.1
12:00	.2	247.9	.0	50.3	.4	206.8	.4	244.6	1.6
12:15	.1	260.0	.1	6.0	.2	193.1	.3	296.3	.8
12:30	.3	276.7	.2	339.0	.2	224.9	.7	293.9	1.4

Daily Summary Report

Site: ORNL Sodar

2/20/2019

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	77.8	12.2	77.8	12.0	85.0	11.0	95.0		
00:15	71.7	10.5	73.4	12.4	81.2	11.0	96.0		
00:30	62.4	7.6	70.0	10.7	76.9	11.0	98.0		
00:45	64.6	6.0	71.0	8.9	78.2	10.8	99.7	11.6	120.5
01:00	72.9	5.5	77.5	7.9	83.7	9.7	99.4	11.0	122.5
01:15	78.4	5.4	81.1	7.9	88.0	8.6	103.5	9.7	129.8
01:30	76.3	6.1	82.3	8.1	89.2	8.0	112.7	8.4	137.4
01:45	76.3	6.4	83.8	7.9	91.6	7.7	117.1	8.7	143.2
02:00	76.1	5.1	85.2	6.8	101.0	7.2	129.1	9.2	150.9
02:15	75.0	4.4	87.0	5.2	113.6	6.2	142.7	8.5	159.6
02:30	72.1	3.3	87.1	3.7	134.1	5.6	158.3	7.7	167.4
02:45	74.2	2.4	93.4	3.7	161.1	6.5	178.1	7.8	183.5
03:00	85.7	1.6	131.5	3.5	189.2	5.7	195.4	8.6	190.6
03:15	122.6	1.5	181.1	4.3	204.9	6.4	203.2	10.0	194.1
03:30	194.6	3.0	206.4	7.4	198.6	9.7	198.4	11.8	196.4
03:45	183.6	5.1	195.9	9.5	195.2	12.1	195.3	14.3	194.7
04:00	172.6	5.4	186.3	8.8	194.3	11.9	193.4	16.3	190.8
04:15	172.2	4.2	185.4	7.9	193.7	11.2	192.1	16.6	187.1
04:30	177.9	2.9	195.0	6.7	195.6	10.4	191.5	15.8	187.7
04:45	189.5	3.3	195.6	7.3	192.6	10.8	188.3	15.1	184.8
05:00	206.9	4.1	194.8	8.7	190.3	13.0	184.8	15.2	174.9
05:15	228.8	3.5	204.2	8.1	194.0	13.0	185.6	18.0	177.0
05:30	234.9	3.3	210.5	8.3	195.4	11.8	186.3	17.2	180.4
05:45	231.2	4.6	211.6	9.4	197.9	11.9	191.3	16.5	182.8
06:00	240.4	5.1	215.0	10.2	199.3	14.1	199.0	18.2	184.2
06:15	242.7	5.5	216.8	11.5	201.4	15.3	198.2	19.9	185.1
06:30	240.2	6.5	218.6	12.1	203.6	17.0	194.8	21.2	187.3
06:45	232.1	7.1	215.2	12.7	201.3	18.3	194.5	22.7	188.6
07:00	230.8	7.0	214.7	12.3	203.2	17.9	193.9	22.4	190.8
07:15	227.8	7.1	213.8	12.4	202.9	17.6	194.1	22.0	191.9
07:30	222.2	7.2	211.1	12.8	199.8	16.6	193.1	21.0	183.2
07:45	224.9	6.7	210.9	12.1	200.1	16.3	191.4	20.9	184.3
08:00	235.6	6.1	214.4	11.0	203.8	16.1	195.0	20.5	187.3
08:15	242.8	6.6	219.5	11.4	205.4	16.2	194.7	20.2	186.0
08:30	240.4	7.9	221.4	13.0	204.9	17.1	192.0	21.2	186.3
08:45	243.4	7.9	224.6	12.8	208.2	17.3	197.9	20.9	188.9
09:00	255.0	7.3	233.6	11.3	213.5	16.1	203.6	18.8	194.9
09:15	258.7	7.7	237.9	10.2	214.0	16.0	202.3	19.6	195.3
09:30	254.4	7.3	232.3	10.4	208.6	16.1	198.3	19.0	191.0
09:45	251.8	6.0	227.8	11.2	208.0	16.0	198.2	19.0	191.0
10:00	250.4	5.4	230.9	10.8	210.2	15.2	200.5	18.0	191.0
10:15	242.9	5.4	231.7	10.7	209.6	15.4	202.0	18.0	191.0
10:30	237.7	5.8	226.2	11.0	207.7	14.9	201.5	17.0	191.0
10:45	243.9	5.8	226.9	10.3	207.9	14.0	197.0	17.0	191.0
11:00	252.6	4.3	227.2	9.1	205.6	13.6	194.8	17.0	191.0
11:15	259.9	3.2	243.8	6.8	213.9	12.0	198.0	17.0	191.0
11:30	270.2	3.8	261.7	6.2	228.1	10.5	202.3	16.0	191.0
11:45	264.5	3.8	252.1	7.1	217.4	12.5	196.1	16.0	191.0
12:00	251.2	3.0	241.5	6.9	210.2	13.3	191.9	16.0	191.0
12:15	260.7	2.1	250.7	5.8	220.0	13.1	192.4	16.0	191.0
12:30	275.0	2.8	256.2	5.7	225.9	10.5	199.8	15.3	191.6

Daily Summary Report

Site: ORNL Sodar

2/20/2019

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			12.5	140.0		
00:15			12.5	140.0		
00:30			12.5	140.0		
00:45			12.5	140.0		
01:00	12.0	137.3	14.4	142.7		
01:15	11.3	147.5	14.2	148.8		
01:30	10.8	155.8	12.1	152.2		
01:45	10.3	154.8	10.4	156.6		
02:00	9.4	156.8	10.6	173.0		
02:15	9.0	169.4	11.2	168.8	12.7	173.4
02:30	9.7	169.2	11.1	156.8	12.9	165.3
02:45	9.7	174.0	10.5	160.9	13.8	165.4
03:00	9.3	175.2	11.6	166.2	14.7	171.0
03:15	10.1	182.6	11.9	174.8	15.0	178.3
03:30	11.4	200.0	11.5	181.0		
03:45	13.0	195.0	13.0	178.0		
04:00	15.0	190.0	16.0	176.0		
04:15	17.0	185.0	19.0	174.0		
04:30	19.0	180.0	22.0	172.0		
04:45	21.7	176.4	24.3	170.8		
05:00	21.3	174.9	24.8	175.9		
05:15	20.1	175.4	23.9	177.9		
05:30	20.4	178.4				
05:45	21.7	180.4				
06:00	20.8	182.0				
06:15	20.8	182.0				
06:30	20.8	182.0				
06:45	20.8	182.0				
07:00	20.8	182.0				
07:15	20.8	182.0				
07:30	20.8	182.0				
07:45	20.8	182.0				
08:00	20.8	182.0				
08:15	20.8	182.0				
08:30	20.8	182.0				
08:45	20.8	182.0				
09:00	20.8	182.0				
09:15	20.0	182.0				
09:30	20.0	182.0				
09:45	20.0	182.0				
10:00	20.0	182.0				
10:15	20.0	182.0				
10:30	20.0	182.0				
10:45	20.0	182.0				
11:00	20.0	182.0				
11:15	20.0	182.0				
11:30	20.0	182.0				
11:45	20.0	182.0				
12:00	20.0	182.0				
12:15	20.0	182.0				
12:30	19.2	185.7				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	20.3	181.2				
13:00	18.0	178.0				
13:15	16.9	175.3				
13:30	16.5	176.0				
13:45	16.0	178.0				
14:00	15.5	180.0				
14:15	15.0	182.0				
14:30	14.5	184.0				
14:45	14.0	186.0				
15:00	13.5	187.4				
15:15	15.0	186.0				
15:30	16.5	184.6				
15:45	16.8	184.0				
16:00	17.5	183.2				
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	17.3	179.0	14.7	162.1	13.8	170.7
Max	21.7	200.0	24.8	181.0	15.0	178.3
Hr. of Max	23	14	20	14	13	13
Min	9.0	137.3	10.4	140.0	12.7	165.3
Count	61	61	22	22	5	5
Total						