

Daily Summary Report

Site: ORNL Sodar

2/4/2018

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	4.0	192.0	4.0	190.3	4.8	199.9	6.3	199.1	8.7
00:15	5.3	187.9	3.4	189.1	4.9	197.6	6.2	196.0	8.2
00:30	1.5	201.5	2.5	192.3	4.5	198.6	6.0	197.0	7.6
00:45	1.2	195.7	2.0	193.8	3.9	198.1	5.7	198.1	7.6
01:00	.7	189.9	1.6	204.6	3.6	198.8	5.2	200.6	7.1
01:15	.8	210.2	1.5	212.2	3.3	202.5	4.8	204.2	6.5
01:30	.5	225.6	1.3	210.0	2.5	200.4	3.8	202.5	5.1
01:45	.3	182.4	.9	201.8	1.9	194.0	2.8	199.2	4.3
02:00	.5	139.8	.9	184.3	2.1	191.2	2.8	196.7	4.4
02:15	.6	176.4	1.3	205.4	2.8	203.7	3.6	205.8	4.8
02:30	1.2	213.0	2.2	224.4	3.8	213.7	4.8	209.8	5.9
02:45	1.4	222.7	2.6	221.3	3.9	212.3	5.1	206.3	6.8
03:00	1.3	227.1	2.4	223.0	3.5	216.1	4.2	214.4	5.3
03:15	1.2	226.5	2.2	228.6	3.3	219.4	3.9	217.4	5.4
03:30	1.4	222.1	2.5	222.5	3.7	212.8	4.7	208.1	6.5
03:45	1.4	226.3	2.4	219.5	3.7	211.5	4.9	205.8	6.5
04:00	.4	237.4	1.8	199.1	3.6	202.9	4.5	202.5	6.8
04:15	.7	220.4	1.9	198.6	3.7	202.0	4.9	200.8	7.7
04:30	1.3	198.9	2.1	207.2	3.7	199.9	4.9	202.1	6.9
04:45	1.2	192.0	1.8	198.6	3.3	190.3	4.0	200.8	5.9
05:00	.2	99.3	.6	169.6	.9	174.7	1.1	177.1	3.4
05:15	.3	73.6	.2	30.5	.3	125.5	.8	154.4	2.0
05:30	.1	228.2	.2	105.0	.2	144.3	.7	185.2	1.6
05:45	.4	235.1	.2	205.2	.2	247.0	.8	209.8	1.6
06:00	.8	242.7	.6	288.8	.5	260.7	1.2	204.2	2.3
06:15	.9	238.1	.6	314.3	.6	304.5	.7	221.5	2.4
06:30	.9	252.7	.1	258.6	.5	327.3	.9	202.3	3.0
06:45	1.2	256.7	.3	252.0	.2	308.1	1.2	181.4	3.4
07:00	1.2	252.1	.6	330.0	.9	359.6	.2	69.9	2.0
07:15	1.1	252.5	.4	19.9	1.2	6.9	.7	19.8	1.3
07:30	.5	236.3	.4	117.8	.9	349.3	.6	336.5	1.5
07:45	.1	65.9	.2	93.0	1.1	350.8	.6	334.2	1.6
08:00	.3	334.9	1.1	351.9	.9	4.0	.4	338.4	1.9
08:15	.7	288.2	1.5	.6	1.2	20.6	.9	15.9	1.3
08:30	.9	280.5	.9	40.6	1.5	31.8	1.8	39.1	1.6
08:45	.5	282.9	.5	56.3	1.1	34.6	1.1	43.0	1.6
09:00	.4	299.4	.3	83.8	.6	351.1	.4	9.5	.8
09:15	.2	297.2	.6	95.2	.4	328.6	.4	19.9	.9
09:30	.2	71.6	1.6	75.2	1.0	83.9	2.2	84.3	3.7
09:45	.1	69.5	1.5	68.3	1.0	80.2	2.3	79.6	3.2
10:00	.3	204.8	.3	38.1	.7	332.8	.9	5.5	1.5
10:15	.4	228.0	.2	53.9	.7	312.7	1.1	324.2	1.8
10:30	.4	249.0	.4	340.4	1.7	300.4	1.8	293.1	2.7
10:45	.4	298.0	1.3	302.7	3.6	298.1	4.8	293.1	4.1
11:00	2.5	274.3	.7	30.4	5.0	296.5	6.7	294.8	6.0
11:15	4.0	273.0	.6	35.5	5.0	291.7	6.7	288.6	7.0
11:30	3.9	272.8	1.7	275.4	4.7	285.5	6.5	282.7	7.9
11:45	2.4	273.5	1.6	271.9	3.7	284.3	5.7	281.8	8.2
12:00	2.2	274.0	1.7	275.7	3.8	284.1	6.0	281.7	8.9
12:15	1.7	270.2	1.9	278.3	4.1	282.9	6.3	281.4	8.5

Daily Summary Report

Site: ORNL Sodar

2/4/2018

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	190.4	10.2	190.0	12.9	191.6	14.3	200.6	12.1	197.0
00:15	189.5	9.5	188.8	12.1	189.4	14.0	200.0	12.1	196.0
00:30	194.4	9.0	191.8	11.9	190.2	13.0	199.0	12.0	195.0
00:45	194.6	9.0	192.5	11.0	189.2	12.5	198.0	12.0	195.0
01:00	194.2	9.0	193.0	10.1	189.4	12.0	198.0	11.9	194.0
01:15	194.8	8.7	192.3	10.4	192.0	11.5	197.0	11.8	194.0
01:30	194.3	7.3	191.2	9.4	191.0	11.0	197.0	11.0	193.0
01:45	192.6	6.1	191.6	9.0	190.6	10.5	197.0	11.6	193.0
02:00	191.6	6.0	192.8	9.3	192.2	10.0	197.0	11.5	192.0
02:15	199.1	6.4	198.4	9.2	196.3	9.3	196.5	11.4	192.0
02:30	202.8	7.1	202.7	9.4	199.2	10.4	195.3	11.2	191.0
02:45	197.6	7.8	197.8	9.8	197.3	11.3	195.5	11.0	191.0
03:00	201.3	7.6	199.1	9.7	200.7	11.2	199.6	11.0	190.3
03:15	206.4	7.4	205.5	9.5	204.1	10.8	204.9	10.3	200.3
03:30	205.1	8.2	207.2	10.6	202.9	12.0	202.6	10.4	197.0
03:45	205.6	8.9	210.9	12.0	204.6	15.3	203.9	10.5	194.0
04:00	201.6	9.2	206.3	12.4	203.7	14.0	203.0	10.8	191.0
04:15	195.2	9.8	193.3	12.9	193.4	13.0	202.0	11.0	188.0
04:30	195.9	9.6	193.3	12.0	190.5	12.0	201.0	11.3	185.0
04:45	191.6	8.4	189.9	10.4	189.3	11.0	200.0	11.5	193.0
05:00	185.0	6.2	179.4	10.3	186.2	10.5	200.0	11.5	191.0
05:15	179.6	4.4	181.0	8.8	190.8	10.0	199.1	12.0	179.0
05:30	185.4	4.6	182.1	9.4	194.5	9.2	180.5	12.3	177.8
05:45	200.5	4.6	185.3	9.4	188.3	9.0	182.1	12.4	180.3
06:00	202.4	4.5	190.8	10.5	181.9	9.9	198.1	13.3	192.0
06:15	199.3	4.3	195.4	9.4	193.6	11.0	200.9	14.3	203.8
06:30	189.3	5.0	192.1	9.5	202.2	13.0	204.8	13.9	206.1
06:45	183.9	5.4	187.1	10.6	200.9	13.8	209.9	13.8	210.0
07:00	171.6	4.1	185.6	9.4	202.6	12.0	204.3		
07:15	135.0	3.8	181.8	9.3	213.7	12.1	196.4		
07:30	146.9	4.8	179.8	8.4	205.6	12.4	201.8		
07:45	158.0	3.9	179.2	8.0	196.6	11.9	208.4		
08:00	156.1	3.6	177.1	8.9	197.5	10.5	204.9		
08:15	121.4	2.6	176.0	8.9	193.8	11.5	197.9		
08:30	81.8	2.2	166.3	8.6	183.4	12.0	188.0		
08:45	73.1	1.7	153.4	9.3	173.9	12.5	177.0		
09:00	62.2	1.2	145.9	10.0	168.0	13.0	166.0		
09:15	74.2	2.7	156.1	11.0	162.0	13.5	155.0		
09:30	113.0	4.4	145.8	11.6	155.5	14.0	146.8		
09:45	105.0	3.9	131.8	8.5	148.3	12.3	148.6	14.4	133.5
10:00	5.0	1.0	46.1	4.1	166.5	7.3	175.7	10.2	186.1
10:15	319.2	1.3	312.4	2.9	189.2	6.2	182.5	10.8	186.0
10:30	303.8	2.4	290.3	2.4	219.1	5.3	194.2	9.5	199.1
10:45	296.8	3.9	302.2	2.7	269.3	4.7	206.8	8.4	207.4
11:00	285.2	5.2	306.6	4.6	289.3	4.5	220.2	8.5	208.6
11:15	277.5	6.2	281.0	5.9	282.7	5.7	244.4	8.1	219.1
11:30	276.6	9.2	273.2	8.3	267.1	8.6	243.2	8.8	234.3
11:45	277.1	9.7	272.7	10.1	263.5	10.1	245.3	10.0	237.3
12:00	275.0	11.5	271.3	11.0	264.0	10.6	247.8	10.6	235.9
12:15	275.7	10.8	272.1	10.0	271.0	10.3	254.8	11.2	242.9

Daily Summary Report

Site: ORNL Sodar

2/4/2018

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	15.8	223.8	16.6	222.0		
00:15	15.7	223.6	16.6	222.0		
00:30	15.7	223.4	16.6	222.0		
00:45	15.6	223.2	16.6	222.0		
01:00	15.6	223.0	16.6	222.0		
01:15	15.5	222.8	16.6	222.0		
01:30	15.5	222.6	16.6	222.0		
01:45	15.4	222.4	16.6	222.0		
02:00	15.4	222.2	16.6	222.0		
02:15	15.3	222.0	16.6	222.0		
02:30	15.3	221.8	16.6	222.0		
02:45	15.2	221.6	16.6	222.0		
03:00	15.2	221.4	16.6	222.0		
03:15	15.1	221.2	16.6	222.0		
03:30	15.1	221.0	16.6	222.0		
03:45	15.0	220.8	16.6	222.0		
04:00	15.0	220.6	16.6	222.0		
04:15	14.9	220.4	16.6	222.0		
04:30	14.9	220.2	16.6	222.0		
04:45	14.8	220.0	16.6	222.0		
05:00	14.8	219.8	16.6	222.0		
05:15	14.7	219.6	16.6	222.0		
05:30	14.7	219.4	16.6	222.0		
05:45	14.6	219.2	16.6	222.0		
06:00	14.6	219.0	16.6	222.0		
06:15	14.5	218.8	16.6	222.0		
06:30	14.5	218.6	16.6	222.0		
06:45	14.3	214.9	16.7	222.6		
07:00			16.3	222.0		
07:15			16.0	222.0		
07:30			15.8	221.0		
07:45			15.7	221.0		
08:00			15.6	220.0		
08:15			15.5	220.0		
08:30			15.4	220.0		
08:45			15.3	220.0		
09:00			15.2	220.0		
09:15			15.0	220.0		
09:30			14.9	220.0		
09:45	12.8	136.9	14.8	220.0		
10:00			14.7	220.0		
10:15			14.6	220.0		
10:30			14.5	220.0		
10:45	11.5	207.4	14.4	219.6		
11:00	11.5	209.1	13.8	224.8		
11:15	11.5	211.5	13.1	214.9		
11:30	11.4	219.0	13.0	217.0		
11:45	11.6	221.7	13.0	220.0		
12:00	11.8	229.1	12.5	224.9		
12:15	11.9	242.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	12.5	244.0				
12:45	12.0	246.0				
13:00	13.2	248.0				
13:15	13.5	250.0				
13:30	13.8	251.0				
13:45	14.0	252.0				
14:00	14.3	253.0				
14:15	14.5	255.0				
14:30	14.8	256.0				
14:45	15.0	258.0				
15:00	15.3	259.0				
15:15	15.5	260.0				
15:30	15.8	262.0				
15:45	16.0	264.0				
16:00	16.3	266.0				
16:15	16.5	268.1				
16:30	16.0	268.0				
16:45	15.0	268.0				
17:00	14.0	269.0				
17:15	13.0	269.0				
17:30	12.5	269.0				
17:45	12.0	269.4				
18:00	12.1	270.9				
18:15	12.2	272.4				
18:30	12.3	273.9				
18:45	12.4	275.4				
19:00	12.5	276.9				
19:15	12.6	278.4				
19:30	12.7	279.9				
19:45	12.8	281.4				
20:00	12.9	282.9				
20:15	13.0	284.4				
20:30	13.1	285.9				
20:45	13.2	287.4				
21:00	13.3	288.9				
21:15	13.4	290.4				
21:30	13.5	291.9				
21:45	13.6	293.4				
22:00	13.7	294.9				
22:15	13.8	296.4				
22:30	13.9	297.9				
22:45	14.0	299.4				
23:00	14.1	300.9				
23:15	14.2	302.4				
23:30	14.3	303.9				
23:45	14.4	305.4				
Avg	14.0	249.8	15.8	221.3		
Max	16.5	305.4	16.7	224.9		
Hr. of Max	65	95	27	48		
Min	11.4	136.9	12.5	214.9		
Count	82	82	49	49	0	0
Total						