

Daily Summary Report

Site: ORNL Sodar

12/25/2017

Interval: 015m

	03_Ht	04_WS060m	05_WDir060m	06_WS100m	07_WDir100m	08_WS140m	09_WDir140m	10_WS180m	11_WDir180m
Hour	METERS	M/SEC	DEG	M/SEC	DEG	KPH	DEG	M/SEC	DEG
00:00	100	.3	277.9	.7	316.0	1.5	308.4	2.0	312.3
00:15	100	.4	284.4	1.1	318.3	2.3	302.9	3.0	305.3
00:30	100	.2	78.0	1.0	320.0	2.5	297.8	3.9	292.2
00:45	100	.1	91.3	.7	319.8	2.6	301.4	3.8	290.4
01:00	100	.1	297.6	.8	290.4	3.5	293.3	4.3	291.6
01:15	100	.9	94.2	1.0	268.7	2.4	281.8	2.7	285.8
01:30	100	1.0	94.5	.7	251.4	1.4	278.8	1.7	279.1
01:45	100	.8	95.0	.6	265.3	1.7	287.1	2.8	281.4
02:00	100	1.0	93.4	.6	294.7	1.5	294.5	2.3	289.7
02:15	100	1.0	93.3	.7	303.7	1.4	310.4	2.1	307.6
02:30	100	.8	96.4	1.0	288.7	1.6	300.1	2.8	293.0
02:45	100	.4	96.1	1.1	289.4	1.8	288.6	3.3	286.0
03:00	100	1.4	97.4	1.3	292.6	2.5	291.9	3.7	295.4
03:15	100	1.4	84.1	1.0	309.1	2.8	310.7	4.2	312.8
03:30	100	1.0	83.5	1.7	332.9	3.8	326.7	5.8	317.5
03:45	100	1.3	109.0	1.2	319.5	3.3	315.4	5.0	307.2
04:00	100	.3	298.5	.6	292.4	2.4	308.9	2.6	312.2
04:15	100	.2	253.3	.7	309.9	2.3	314.5	2.9	322.6
04:30	100	1.5	250.7	1.0	320.9	1.9	315.5	3.1	321.6
04:45	100	.9	220.5	1.4	305.7	1.8	320.9	3.1	321.0
05:00	100	.1	289.9	1.6	282.3	1.9	313.4	2.7	312.0
05:15	100	.4	290.1	1.2	271.1	1.4	306.9	1.9	303.8
05:30	100	1.0	234.8	.7	274.8	.9	308.3	1.3	307.1
05:45	100	2.0	221.9	.5	274.3	.4	289.1	.5	276.1
06:00	100	2.1	235.8	.4	252.9	.3	270.8	.3	247.5
06:15	100	2.0	244.9	.5	249.6	.4	280.4	.4	270.9
06:30	100	1.4	241.3	.6	256.8	.7	281.2	.9	284.1
06:45	100	.9	214.2	.6	264.3	.7	287.3	1.1	292.5
07:00	100	.8	164.9	.6	274.5	.5	298.6	.9	302.4
07:15	100	.7	119.8	.6	266.2	.5	286.6	.9	302.4
07:30	100	.9	111.3	.3	261.8	.4	286.3	.7	293.2
07:45	100	1.0	122.0	.3	296.7	.5	304.7	.6	291.6
08:00	100	1.1	115.6	.3	310.5	.5	314.3	.3	303.8
08:15	100	1.1	101.5	.2	328.7	.2	334.2	.2	351.4
08:30	100	.9	112.7	.1	15.5	.1	333.1	.1	315.8
08:45	100	.7	141.2	.2	351.7	.1	335.5	.0	172.4
09:00	100	.5	220.2	.2	314.7	.2	6.2	.2	31.4
09:15	100	.5	244.6	.1	323.8	.4	29.6	.6	9.1
09:30	100	.4	347.9	.3	38.0	.6	41.8	.7	19.7
09:45	100	1.5	2.6	.7	63.6	.8	45.1	1.1	36.8
10:00	100	1.8	2.9	.5	68.2	.8	38.3	1.0	37.2
10:15	100	1.3	356.4	.3	332.4	.7	16.1	.7	32.0
10:30	100	.3	12.1	.3	352.7	.9	36.0	1.1	41.5
10:45	100	.6	133.9	.7	45.8	1.1	47.3	1.2	41.6
11:00	100	.2	135.4	.2	45.3	.7	12.5	.8	12.5
11:15	100	.6	286.3	.5	250.7	.6	313.3	.3	355.1
11:30	100	1.0	321.4	.6	304.7	.5	274.5	.4	307.1
11:45	100	.5	315.0	1.2	294.0	1.0	274.9	1.3	274.0
12:00	100	.5	302.9	1.7	280.8	1.6	275.6	2.1	263.0
12:15	100	.5	264.9	1.6	259.1	2.0	253.2	2.5	252.5

Daily Summary Report

Site: ORNL Sodar

12/25/2017

Interval: 015m

	12_WS240m	13_WDir240m	14_WS300m	15_WDir300m	16_WS400m	17_WDir400m	18_WS500m	19_WDir500m	20_WS600m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC
00:00	1.9	341.2	1.6	349.6	4.7	315.6	11.0	292.0	11.6
00:15	3.2	330.9	2.6	332.8	4.7	312.4	11.3	295.0	12.0
00:30	4.1	303.7	3.8	337.9	4.0	308.0	11.5	297.0	12.5
00:45	3.7	302.8	4.0	340.3	3.5	303.0	12.0	300.0	13.0
01:00	3.3	307.1	2.7	322.0	3.0	298.0	12.5	302.0	13.5
01:15	2.0	291.1	1.5	299.6	2.5	293.0	13.0	304.0	14.0
01:30	1.7	284.7	1.5	295.1	2.4	287.9	13.5	306.0	14.3
01:45	1.7	291.7	1.8	310.6	4.0	287.5	14.0	308.0	14.8
02:00	1.4	300.3	1.8	321.2	6.3	287.1	14.5	310.0	15.0
02:15	2.4	307.8	2.5	311.1	6.0	298.4	15.0	311.0	15.5
02:30	2.9	303.7	3.6	304.8	6.6	306.2	15.5	313.0	16.0
02:45	2.2	301.6	3.2	307.5	8.0	312.0	16.0	315.0	16.3
03:00	2.7	337.6	5.5	328.0	10.0	319.0	16.3	316.0	16.5
03:15	5.7	340.1	8.7	348.0	12.9	329.0	16.6	317.0	16.8
03:30	6.8	341.1	9.7	341.3	11.9	323.7	16.1	318.8	14.8
03:45	5.7	346.6	8.8	343.3	13.1	319.8	16.5	319.6	14.7
04:00	4.1	345.8	5.5	346.8	12.0	330.0	15.4	322.0	15.0
04:15	3.9	343.0	3.9	340.1	10.9	342.6	15.0	322.0	15.3
04:30	2.9	322.9	5.4	335.6	11.4	322.0	14.5	321.4	15.4
04:45	3.0	321.5	6.0	334.8	11.7	317.9	13.7	312.7	16.6
05:00	2.8	328.6	5.2	343.2	11.9	330.3	15.0	325.0	16.8
05:15	1.3	314.1	2.2	343.8					
05:30	.5	309.7	.9	324.9					
05:45	1.6	188.9	1.2	328.0					
06:00	1.2	202.0	1.5	332.0					
06:15	.8	220.7	1.8	339.0					
06:30	.8	303.7	2.0	344.0					
06:45	1.0	318.8	2.2	348.7					
07:00	.5	298.9	1.0	343.4					
07:15	.3	292.6	.7	321.4					
07:30	.6	304.0	2.8	345.1					
07:45	.4	297.8	2.0	345.6					
08:00	.3	333.8	1.4	350.0					
08:15	.3	343.6	.9	352.7					
08:30	.1	29.2	.5	4.7					
08:45	.4	15.4	1.6	6.6					
09:00	.6	9.7	1.6	9.0					
09:15	.7	11.9	1.7	12.0					
09:30	1.1	22.8	1.8	15.0					
09:45	1.2	36.4	1.8	20.6					
10:00	1.5	15.1	5.3	6.6					
10:15	2.1	7.3	3.0	15.0					
10:30	1.1	22.2	.9	25.8					
10:45	.6	23.6	1.7	11.2					
11:00	.2	27.8	1.0	8.7					
11:15	.7	186.6	.8	197.0					
11:30	.6	239.2	.7	250.0					
11:45	1.5	272.4	1.7	290.5					
12:00	2.0	261.6	2.1	271.8					
12:15	2.1	251.8	2.0	254.3					

Daily Summary Report

Site: ORNL Sodar

12/25/2017

Interval: 015m

	21_WDir600m	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	289.0	11.4	279.9				
00:15	292.0	11.7	281.9				
00:30	295.0	11.8	283.9				
00:45	298.0	12.1	285.9				
01:00	300.0	12.2	287.9				
01:15	302.0	12.3	289.9				
01:30	305.0	12.3	291.9				
01:45	307.0	12.4	293.9				
02:00	310.0	12.6	295.9				
02:15	312.0	12.7	297.9				
02:30	315.0	12.8	299.9				
02:45	317.0	12.8	301.9				
03:00	319.0	12.9	303.9				
03:15	321.7	13.2	305.9				
03:30	320.5	13.3	307.9				
03:45	326.1	13.6	309.9				
04:00	325.0	13.8	311.9				
04:15	324.0	13.9	313.9				
04:30	322.5	14.3	317.7				
04:45	324.2	15.8	321.0	15.0	319.8		
05:00	325.5	15.8	326.6				
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							

	21_WDir600m	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	DEG	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	311.9	13.0	300.5	15.0	319.8		
Max	326.1	15.8	326.6	15.0	319.8		
Hr. of Max	15	20	20	19	19		
Min	289.0	11.4	279.9	15.0	319.8		
Count	21	21	21	1	1	0	0
Total							