

Daily Summary Report

Site: ORNL Sodar

12/30/2017

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	.8	260.9	1.1	272.1	1.3	274.6	.5	288.0
00:15	100	.8	263.1	1.8	274.5	2.1	277.1	1.5	278.2
00:30	100	1.5	267.9	3.0	277.0	4.3	280.7	4.9	279.2
00:45	100	2.2	267.0	3.5	282.0	5.5	285.8	7.6	285.7
01:00	100	3.5	269.4	3.9	284.2	6.2	288.8	8.5	286.5
01:15	100	3.3	265.2	4.4	283.2	6.8	287.5	8.9	284.9
01:30	100	3.1	263.1	3.9	282.4	6.6	284.9	8.8	285.4
01:45	100	3.2	261.9	3.9	277.6	6.5	281.3	8.7	284.8
02:00	100	3.3	266.4	4.5	276.0	6.7	282.6	8.4	284.6
02:15	100	2.8	268.0	4.2	274.4	6.3	280.7	7.3	281.9
02:30	100	2.8	262.6	3.6	266.3	5.6	271.0	6.2	273.2
02:45	100	2.6	260.7	3.4	258.1	4.8	264.4	5.5	266.4
03:00	100	1.8	238.3	3.2	230.7	3.8	237.8	3.9	244.8
03:15	100	2.0	214.8	3.5	208.7	4.5	218.3	5.0	224.7
03:30	100	2.1	214.1	3.3	207.5	4.1	217.6	4.9	223.1
03:45	100	1.1	227.1	2.2	208.5	2.9	219.5	3.9	225.2
04:00	100	.4	240.0	.7	214.4	1.7	238.8	2.6	238.4
04:15	100	.5	213.8	.3	270.0	1.2	253.8	2.1	244.2
04:30	100	.7	266.4	.2	299.9	.9	254.3	1.7	244.5
04:45	100	.8	266.5	.5	288.0	.8	273.1	1.1	258.1
05:00	100	1.2	269.1	.8	282.2	.7	279.1	.8	273.7
05:15	100	1.3	273.2	1.4	280.4	.9	278.8	1.1	272.1
05:30	100	1.4	275.5	2.3	286.2	1.2	277.1	1.3	273.8
05:45	100	1.8	272.7	2.6	282.3	1.7	276.0	1.4	276.9
06:00	100	1.6	272.4	3.2	277.6	2.6	277.1	1.4	280.8
06:15	100	1.6	273.5	3.0	279.8	2.4	283.2	1.9	292.2
06:30	100	2.0	266.4	2.7	275.5	3.2	284.6	4.5	287.6
06:45	100	2.7	264.9	3.4	273.0	4.3	282.3	5.9	285.4
07:00	100	2.4	263.0	3.6	276.9	4.6	281.0	5.7	285.8
07:15	100	2.2	262.3	2.8	277.1	4.3	283.4	5.3	288.8
07:30	100	2.7	269.0	2.4	284.4	4.1	291.3	5.4	293.3
07:45	100	2.4	270.7	2.4	292.5	4.2	295.5	5.6	299.9
08:00	100	2.3	271.1	2.2	289.4	3.8	299.5	5.3	306.1
08:15	100	1.6	272.2	1.5	288.7	3.2	297.1	4.7	304.1
08:30	100	1.5	270.3	1.5	277.7	3.2	295.0	4.3	300.0
08:45	100	1.4	273.6	1.0	286.0	2.8	298.4	3.7	298.8
09:00	100	.8	282.0	.3	300.7	1.9	291.3	2.8	293.6
09:15	100	.6	290.5	.4	259.3	1.3	283.3	2.0	292.9
09:30	100	1.7	276.2	.9	275.7	1.7	277.9	2.2	286.1
09:45	100	2.1	273.0	1.4	272.1	2.1	270.5	2.5	278.7
10:00	100	.5	268.6	1.2	266.5	1.6	270.8	2.1	280.8
10:15	100	.1	250.1	.7	251.2	1.2	268.3	1.6	284.1
10:30	100	.2	257.3	.5	266.9	1.2	268.6	1.5	285.4
10:45	100	.5	277.2	.7	302.6	1.3	291.4	1.8	300.5
11:00	100	.5	290.6	.4	302.5	.9	309.4	1.4	320.6
11:15	100	.4	290.5	.2	346.5	.4	304.3	.8	321.3
11:30	100	.4	294.9	.4	307.8	.9	288.1	1.2	305.2
11:45	100	.5	304.2	.8	291.0	1.2	288.2	1.6	295.6
12:00	100	.3	295.7	.8	269.4	1.5	275.2	1.7	281.2
12:15	100	.3	255.8	.9	250.7	1.9	267.3	1.8	269.2

Daily Summary Report

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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	1.1	269.9	3.3	257.0	6.6	242.1			
00:15	1.0	276.4	3.3	262.2	8.0	252.6			
00:30	4.0	270.9	4.9	264.5	9.3	252.9			
00:45	8.3	275.3	7.0	276.6	9.4	256.0			
01:00	8.9	277.4	8.5	278.5	9.5	262.0			
01:15	9.7	276.6	9.4	270.1	9.5	267.4			
01:30	9.1	278.2	8.6	271.7	10.3	266.3			
01:45	9.8	283.0	8.7	277.6	10.3	266.0			
02:00	9.8	283.4	9.1	280.6	10.3	265.0			
02:15	5.5	278.7	6.0	273.0	10.2	264.0			
02:30	5.8	271.8	3.0	265.0	10.2	263.0			
02:45	7.8	266.9	8.3	264.5	10.1	262.0			
03:00	5.0	245.4	7.3	249.2	11.5	251.0			
03:15	5.8	230.2	7.3	236.2	10.6	245.2	13.9	240.6	
03:30	6.3	231.2	7.3	236.9	9.7	242.7	13.0	243.7	
03:45	5.4	230.8	6.7	240.2	9.0	237.0	11.7	237.5	
04:00	3.8	234.9	5.2	244.5	6.4	243.7	10.8	230.7	
04:15	3.3	238.9	4.5	248.3	5.5	252.0	10.0	237.0	
04:30	2.7	240.9	3.3	241.5	5.1	245.0	9.0	244.0	
04:45	2.2	250.2	3.0	235.8	2.3	245.3	7.6	251.3	
05:00	2.0	258.0	2.4	241.1	1.3	247.7			
05:15	1.7	259.0	1.6	249.7	.7	229.1			
05:30	2.2	265.0	1.7	256.0	3.3	269.0			
05:45	2.4	267.5	2.3	268.9	6.1	273.7			
06:00	1.2	268.5	2.1	278.3	6.1	279.7			
06:15	1.7	280.3	1.8	294.8	6.0	282.5			
06:30	4.9	288.9	5.0	293.3	8.5	288.4			
06:45	7.0	286.3	7.5	291.6	9.9	300.1			
07:00	6.2	287.1	7.1	292.4	9.4	308.5			
07:15	5.2	296.7	6.6	298.0	7.9	317.5	9.4	317.8	10.6
07:30	5.9	303.9	6.5	309.8	8.8	326.6	9.1	324.2	13.9
07:45	6.3	307.7	6.8	315.7	8.3	328.6	9.3	315.0	12.0
08:00	6.4	309.8	7.3	318.9	7.9	325.0	9.3	318.4	10.1
08:15	5.8	309.0	6.3	320.3	7.3	324.9	8.7	325.7	9.9
08:30	5.2	305.8	5.1	317.8	6.6	326.6	7.5	324.1	9.4
08:45	4.3	305.3	4.9	314.4	6.6	327.6	7.2	316.8	7.7
09:00	3.6	303.6	4.7	310.0	6.6	324.1	6.6	317.0	10.0
09:15	3.3	303.8	4.3	310.3	6.4	320.8	7.2	319.7	9.8
09:30	3.3	304.2	4.4	311.1	6.5	315.9	7.9	314.5	9.0
09:45	3.1	299.2	4.4	308.8	6.6	308.8	7.3	306.2	8.0
10:00	2.9	299.6	4.0	311.2	5.9	311.4	6.7	314.8	7.0
10:15	2.4	299.7	3.7	312.7	4.4	314.1	6.0	311.0	6.0
10:30	2.2	293.8	3.3	307.4	3.8	315.9	4.8	310.0	5.3
10:45	2.5	297.4	3.6	303.9	4.5	315.4	4.1	303.7	5.3
11:00	1.8	307.6	3.4	303.2	4.8	310.0	4.6	301.3	4.8
11:15	1.1	319.8	1.9	307.8	4.0	305.3	4.7	304.3	5.0
11:30	1.3	316.0	1.5	307.8	3.2	294.9	3.1	308.7	4.0
11:45	1.7	298.5	1.8	303.8	2.6	301.4	2.6	305.6	2.3
12:00	1.4	274.7	1.4	277.2	1.6	285.8	3.1	284.1	2.4
12:15	1.3	267.5	1.4	267.1	1.8	273.4	3.2	268.0	3.1

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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							
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	312.7						
07:30	321.9						
07:45	318.0						
08:00	316.9						
08:15	323.5						
08:30	318.7	8.9	316.2				
08:45	309.0	7.7	305.9				
09:00	316.0	9.1	303.6				
09:15	319.9	9.0	304.0				
09:30	318.0	8.0	304.0				
09:45	316.0	7.0	304.0				
10:00	314.0	6.5	305.0				
10:15	312.0	6.0	305.0				
10:30	311.2	5.6	305.6	6.5	287.8		
10:45	301.5	5.9	292.2	7.3	299.0		
11:00	305.0	6.1	295.1	7.9	310.0		
11:15	313.4	6.3	313.2	7.5	310.5		
11:30	301.0	4.4	294.3	6.0	300.0		
11:45	284.7	3.6	284.0	4.8	288.0		
12:00	278.8	2.8	297.5	2.6	274.5		
12:15	271.5	2.5	258.6	2.4	253.6		

	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	283.9	2.5	300.0	3.1	292.0	5.5	313.6
12:45	274.4	2.0	288.6	4.0	307.0	6.0	316.7
13:00	273.3	3.5	303.0	5.0	307.0	6.5	318.0
13:15	296.0	5.0	318.0	5.9	307.2	6.9	320.3
13:30	310.0	4.1	323.7	6.3	325.4	7.8	311.8
13:45	291.5	4.8	304.3	6.5	303.0	8.9	309.6
14:00	275.0	6.6	282.1	6.8	290.0	8.6	304.0
14:15	283.3	6.6	280.1	7.0	279.4	8.3	300.0
14:30	285.4	6.5	289.0	6.8	284.2	8.0	294.0
14:45	286.0			7.4	287.4	7.9	286.8
15:00	286.0						
15:15	286.0						
15:30	286.5						
15:45	280.9						
16:00	295.0						
16:15	297.3						
16:30	273.0						
16:45	275.0						
17:00	277.0						
17:15	280.0						
17:30	283.0						
17:45	285.0						
18:00	290.0						
18:15	295.0						
18:30	301.0						
18:45	318.2						
19:00							
19:15							
19:30							
19:45	15.3						
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	291.0	5.6	299.1	5.8	294.8	7.4	307.5
Max	323.5	9.1	323.7	7.9	325.4	8.9	320.3
Hr. of Max	33	36	54	44	54	55	53
Min	15.3	2.0	258.6	2.4	253.6	5.5	286.8
Count	48	25	25	18	18	10	10
Total							