

Daily Summary Report

Site: ORNL Sodar

12/3/2017

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	.5	281.1	1.1	277.8	2.7	296.5	2.8	305.0
00:15	100	.5	283.9	.5	271.6	2.4	294.7	3.6	301.8
00:30	100	.6	282.5	.3	252.3	1.8	288.0	3.8	297.5
00:45	100	.5	299.4	.3	267.0	2.4	292.1	3.2	297.7
01:00	100	.4	311.9	.8	285.0	3.4	299.6	2.4	298.0
01:15	100	.4	318.4	1.5	287.3	2.7	305.7	1.2	302.5
01:30	100	.7	324.5	1.9	287.3	1.7	306.1	.9	319.5
01:45	100	.9	308.5	2.4	288.6	1.6	298.2	.9	322.6
02:00	100	.5	307.3	2.4	285.7	1.7	293.4	.6	305.3
02:15	100	.1	308.7	1.4	275.6	1.8	283.8	.7	284.5
02:30	100	.2	240.9	.7	254.6	1.6	276.0	.8	281.2
02:45	100	.4	279.7	.9	266.0	1.5	276.4	.7	283.9
03:00	100	.5	287.8	1.2	269.3	2.2	278.0	1.5	279.4
03:15	100	.4	291.3	1.4	265.0	2.9	280.4	2.8	280.1
03:30	100	1.2	278.3	2.2	279.4	2.9	282.7	2.7	283.0
03:45	100	1.1	279.3	2.3	283.8	2.7	281.8	2.2	281.5
04:00	100	.3	3.2	1.9	278.8	2.0	282.3	2.2	287.7
04:15	100	.3	9.9	1.7	275.6	1.7	284.7	2.4	291.2
04:30	100	.1	323.6	1.2	274.2	2.0	277.4	2.5	284.4
04:45	100	.1	300.2	1.4	275.2	2.0	274.7	2.8	287.8
05:00	100	.4	286.1	1.7	276.7	2.1	280.8	3.1	298.9
05:15	100	.1	330.4	1.5	288.6	2.3	291.3	3.1	307.8
05:30	100	.8	62.6	.9	320.0	2.4	310.8	3.1	326.6
05:45	100	.9	59.9	.5	352.2	1.9	329.0	2.9	353.3
06:00	100	.9	55.9	.2	1.4	1.2	336.5	1.9	9.8
06:15	100	.8	54.4	.2	328.5	1.1	327.7	1.6	5.3
06:30	100	.5	40.3	.3	3.3	1.0	340.7	1.9	26.0
06:45	100	.4	37.3	.3	29.2	1.0	4.6	2.2	37.9
07:00	100	.6	57.4	.4	356.3	1.1	11.2	2.5	34.3
07:15	100	.8	61.0	.4	360.0	1.1	20.7	2.6	38.4
07:30	100	.7	69.2	.5	45.1	1.1	35.9	2.9	44.4
07:45	100	.5	69.7	.9	29.5	1.3	46.2	2.9	45.0
08:00	100	.5	56.5	.8	17.5	1.5	57.4	2.4	49.7
08:15	100	.5	67.8	.7	16.9	1.5	64.0	1.8	63.1
08:30	100	.6	90.8	.7	18.0	1.2	56.8	1.5	69.3
08:45	100	.8	81.3	.6	10.4	1.2	50.2	1.2	70.9
09:00	100	.9	77.9	.6	352.0	1.2	59.1	1.1	74.2
09:15	100	.7	71.7	.5	352.7	.9	67.1	1.1	68.9
09:30	100	.5	46.1	.4	18.4	.7	73.8	.9	72.2
09:45	100	.5	32.0	.4	33.4	.8	80.4	1.2	74.6
10:00	100	.4	45.9	.8	36.9	1.1	71.2	1.8	72.0
10:15	100	.4	67.1	.9	38.2	1.5	69.7	2.5	68.2
10:30	100	.3	89.0	.9	66.7	1.7	64.3	2.9	61.3
10:45	100	.2	118.5	.9	81.1	1.7	52.6	2.8	55.2
11:00	100	.2	138.4	.8	97.5	1.9	64.2	2.8	60.4
11:15	100	.8	106.3	1.7	94.2	2.2	80.8	2.8	69.6
11:30	100	1.2	98.1	2.3	95.0	2.1	81.6	2.4	69.1
11:45	100	1.0	73.0	2.2	91.0	1.9	64.0	2.1	57.1
12:00	100	1.0	62.1	2.1	81.8	1.7	72.8	2.0	71.5
12:15	100	1.1	69.2	2.4	79.5	1.9	94.2	2.1	92.3

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	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	.2	294.4	.2	260.8	.2	318.0			
00:15	.4	294.2	.3	287.4	.2	275.0	.5	39.5	
00:30	.8	300.1	.6	305.3	.9	353.1	.6	314.0	
00:45	.4	304.0	.9	284.3	.9	345.4	.3	298.5	
01:00	.5	302.4	1.1	270.6	.7	336.7	.3	347.7	
01:15	.7	294.0	.8	267.0	.4	326.3	.1	342.9	.3
01:30	.7	313.8	.4	281.9	.3	267.4	.3	206.2	.3
01:45	.5	321.6	.3	304.6	.4	266.3	.6	270.0	.5
02:00	.1	27.2	.1	279.8	.7	323.5	.9	325.4	.6
02:15	.2	340.2	.3	271.9	.7	332.2	1.4	319.9	.7
02:30	.2	296.9	.4	279.9	.6	340.9	.4	315.9	
02:45	.3	275.1	.4	286.4	.4	6.6	.3	124.2	1.0
03:00	.6	271.6	.4	303.1	.6	318.9	.2	166.9	
03:15	1.2	286.4	1.4	294.2	.9	327.6	.4	250.9	.7
03:30	2.2	287.9	2.3	294.2	.8	344.0	1.9	296.1	.7
03:45	2.8	292.2	2.4	303.0	.5	352.8	1.8	292.1	.6
04:00	2.6	306.1	1.7	318.8	.6	355.8	.7	14.3	.4
04:15	2.5	315.2	1.1	334.9	.6	353.8	.8	7.1	.4
04:30	2.8	312.0	1.1	328.9	.6	43.3	.8	334.7	.5
04:45	2.8	317.5	1.6	338.5	1.2	38.8	.7	29.2	1.5
05:00	2.5	329.9	1.8	352.1	1.1	6.4	.3	42.2	1.1
05:15	2.4	338.6	2.0	353.2	.5	350.3	.6	40.0	1.3
05:30	3.1	355.9	3.6	.7	5.3	4.1	2.5	44.0	1.7
05:45	3.0	9.2	3.4	8.5	6.5	1.4	3.9	358.0	2.0
06:00	1.5	30.0	1.5	30.5	1.6	10.7	2.6	6.2	2.5
06:15	1.8	36.9	1.5	39.6	1.0	42.2	.8	92.5	1.3
06:30	2.5	42.4	1.9	33.3	1.1	56.6	1.2	95.7	1.4
06:45	3.3	45.0	1.9	29.3	1.1	47.9	1.0	81.5	.8
07:00	4.0	37.7	2.0	27.4	1.8	24.2	.7	34.6	1.5
07:15	3.5	34.1	1.9	26.7	2.9	17.0	1.1	15.1	2.5
07:30	2.7	34.1	2.2	22.1	2.9	18.9	2.2	356.4	2.1
07:45	2.0	33.7	1.7	26.5	2.1	21.1	2.2	332.4	1.6
08:00	2.5	30.1	1.3	40.3	.8	17.0	.4	310.0	.5
08:15	2.5	39.5	2.3	31.1	2.4	18.6	1.2	8.5	.4
08:30	1.7	55.7	2.5	32.9	3.3	21.7	2.8	19.0	
08:45	1.7	55.1	2.4	31.2	2.2	26.4	2.8	22.0	
09:00	2.0	48.7	2.1	32.1	2.1	27.4	2.8	25.0	
09:15	1.9	46.2	2.3	30.9	3.5	27.4	2.9	30.0	
09:30	1.6	53.0	2.4	33.4	4.1	32.3	2.9	35.0	
09:45	1.8	56.0	2.2	53.6	4.0	37.8	2.9	40.0	
10:00	1.8	53.5	1.8	59.1	4.3	31.6	2.9	45.0	
10:15	1.3	50.7	.7	76.2	2.5	50.0	3.0	50.0	
10:30	.9	47.5	.4	101.0	.9	68.6	3.0	53.0	
10:45	1.1	63.3	.6	59.5	1.5	59.9	3.1	56.5	
11:00	2.1	69.2	1.7	67.5	3.7	52.7	3.7	47.5	
11:15	2.8	71.4	3.0	72.9	4.6	51.9	3.4	60.4	
11:30	2.5	74.7	2.9	71.9	4.5	60.0	4.0	81.9	
11:45	1.9	73.2	2.8	67.5	4.3	55.0			
12:00	2.2	84.7	2.9	81.6	4.0	50.0			
12:15	2.3	88.8	2.7	84.1	4.0	45.0			

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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	86.0						
01:30	122.0						
01:45	115.0						
02:00	109.9						
02:15	107.4						
02:30							
02:45	308.9						
03:00							
03:15	67.0						
03:30	94.5						
03:45	120.0						
04:00	155.4						
04:15	261.5						
04:30	359.2						
04:45	86.6						
05:00	89.7						
05:15	75.6						
05:30	55.0						
05:45	35.0						
06:00	4.7						
06:15	30.2	.9	30.2				
06:30	68.8	.7	19.4				
06:45	72.8	1.1	323.0	2.1	317.4		
07:00	354.9	2.4	337.0	3.1	317.5	4.7	347.0
07:15	358.4						
07:30	6.7						
07:45	355.6						
08:00	19.1						
08:15	33.7						
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							
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22:00							
22:15							
22:30							
22:45							
23:00							
23:15							
23:30							
23:45							
Avg	131.6	1.3	177.4	2.6	317.5	4.7	347.0
Max	359.2	2.4	337.0	3.1	317.5	4.7	347.0
Hr. of Max	18	28	28	28	28	28	28
Min	4.7	.7	19.4	2.1	317.4	4.7	347.0
Count	27	4	4	2	2	1	1
Total							