

Daily Summary Report

Site: ORNL Sodar

11/13/2018

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	.3	347.7	.1	20.9	.5	19.3	.8	27.4	1.3
00:15	.3	343.8	.2	351.3	.5	6.4	.5	16.3	1.1
00:30	.3	17.5	.3	304.0	.4	346.2	.6	352.9	1.5
00:45	.2	17.7	.3	286.5	.6	332.1	.7	341.6	1.4
01:00	.2	6.6	.4	267.0	.8	313.3	1.2	320.2	1.5
01:15	.2	22.6	.4	258.2	1.0	306.8	1.6	312.7	1.4
01:30	.2	56.5	.3	266.2	1.1	306.9	1.9	310.7	1.0
01:45	.1	81.6	.3	262.7	.9	305.3	1.9	311.7	1.1
02:00	.2	70.7	.4	257.5	.8	311.2	1.4	317.1	.7
02:15	.3	59.5	.2	255.0	.8	310.8	1.3	322.5	.4
02:30	.3	55.8	.2	246.0	.8	300.2	1.4	315.0	.9
02:45	.3	49.5	.3	239.6	.5	304.3	.8	324.9	1.2
03:00	.2	52.2	.3	244.4	.4	318.1	.8	336.5	.8
03:15	.2	89.8	.3	252.0	.5	309.5	1.0	319.4	.7
03:30	.3	83.1	.4	254.3	.6	311.8	1.0	317.3	.8
03:45	.3	75.0	.3	263.0	.6	315.0	1.2	320.7	1.0
04:00	.2	80.6	.3	231.6	.4	324.7	.8	326.3	1.0
04:15	.2	71.9	.4	215.1	.3	340.7	.4	340.3	1.1
04:30	.2	79.7	.4	218.0	.3	321.5	.3	305.0	1.2
04:45	.2	88.7	.3	226.3	.3	326.9	.1	21.8	.8
05:00	.2	78.9	.3	216.6	.2	352.7	.3	39.7	.6
05:15	.3	88.4	.4	215.1	.1	13.8	.2	48.2	.4
05:30	.3	81.7	.4	228.6	.2	358.7	.2	47.5	.6
05:45	.3	67.2	.5	239.0	.3	9.7	.5	36.7	.8
06:00	.2	75.0	.5	264.4	.1	57.0	.6	51.8	.6
06:15	.1	32.4	.6	285.1	.4	279.9	.2	21.9	.3
06:30	.3	58.4	.8	274.6	1.2	289.8	.9	290.6	.5
06:45	.3	81.0	.8	267.1	1.5	294.4	1.2	292.9	.5
07:00	.2	99.4	.7	272.7	1.4	303.9	1.3	307.6	.5
07:15	.3	83.2	.5	266.2	1.5	316.3	1.6	317.4	.7
07:30	.4	77.3	.5	243.4	1.6	308.2	1.7	315.8	.7
07:45	.4	81.6	.6	245.6	1.1	302.5	1.4	318.9	.9
08:00	.4	86.2	.4	243.4	.4	333.3	.9	323.3	1.1
08:15	.4	90.6	.4	246.9	.2	342.4	.5	334.2	.9
08:30	.4	82.1	.4	238.2	.3	324.1	.7	5.6	.6
08:45	.3	71.0	.4	237.1	.5	323.7	.9	.7	.4
09:00	.4	67.3	.4	280.6	.8	316.7	1.1	342.4	.6
09:15	.5	79.6	.5	280.4	1.2	308.2	1.1	333.1	.6
09:30	.4	95.8	.4	256.3	.9	300.3	.8	319.3	.9
09:45	.5	83.8	.3	254.1	.8	297.4	1.4	313.6	1.8
10:00	.6	80.0	.4	273.0	1.3	307.5	2.5	315.2	3.2
10:15	.5	82.0	.7	281.6	1.9	303.3	3.3	309.7	3.5
10:30	.5	82.5	.6	279.7	2.0	301.9	3.5	310.6	3.0
10:45	.3	76.3	.4	264.8	1.4	311.6	2.4	323.6	2.3
11:00	.1	48.9	.4	250.0	.8	321.7	1.2	346.5	1.1
11:15	.2	48.1	.3	237.7	.4	332.4	.6	2.0	.4
11:30	.3	64.9	.3	222.0	.5	36.9	.8	49.7	.9
11:45	.4	70.1	.2	234.3	.6	28.8	.9	40.9	1.3
12:00	.3	42.2	.2	72.8	.4	23.2	.6	32.1	1.2
12:15	.2	42.5	.1	42.2	.7	41.4	.9	35.9	1.2
12:30	.3	63.9	.3	287.3	.7	17.4	1.2	13.5	1.2

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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	3.3	2.8	23.5	5.9	39.4	3.7	45.0	1.2	112.4
00:15	339.6	2.0	11.7	5.2	38.4	3.4	43.9	.8	133.5
00:30	336.6	2.2	12.2	4.9	38.2	3.3	43.2	.6	164.0
00:45	335.9	2.1	12.6	4.6	36.1	2.9	36.6	.8	191.6
01:00	334.9	2.0	9.8	4.9	29.3	2.7	23.3	.8	225.8
01:15	330.7	1.7	7.5	4.7	24.4	2.4	15.1	1.2	253.5
01:30	320.0	1.9	5.4	3.6	22.4	2.3	11.0	1.7	264.5
01:45	312.8	1.8	4.6	3.0	30.5	2.3	8.0	2.0	268.4
02:00	330.8	1.6	31.3	2.5	36.9	1.3	359.2	2.1	254.3
02:15	13.3	1.6	40.5	3.0	32.3	1.2	345.5	2.0	259.4
02:30	327.6	.6	16.2	3.3	31.4	1.8	8.3	2.0	274.5
02:45	334.7	.6	.6	2.3	34.7	1.9	30.0	1.8	292.3
03:00	347.6	.7	16.6	1.8	33.9	1.7	31.4	1.5	294.2
03:15	333.5	.4	341.6	1.1	21.2	.7	58.8	1.2	291.6
03:30	324.8	.5	313.8	.9	36.9	1.0	66.2	1.0	292.3
03:45	338.4	.4	352.1	1.2	34.7	2.3	38.1	1.1	290.3
04:00	334.5	.6	5.2	.6	24.8	2.2	27.3	.4	314.5
04:15	328.7	.8	1.5	.4	57.2	1.1	26.7	1.0	126.4
04:30	328.8	.5	.3	.7	45.6	1.1	25.0	.6	62.0
04:45	348.5	.3	72.2	1.0	65.2	1.0	34.1	1.5	12.9
05:00	42.1	.5	78.5	1.0	58.2	1.1	70.0	2.3	6.2
05:15	77.4	.5	60.0	1.1	35.9	.6	70.1	2.0	24.8
05:30	61.4	.4	74.1	1.2	49.0	1.1	30.9		
05:45	62.4	.5	122.9	.7	86.5	1.2	23.0		
06:00	60.3	1.5	112.0			1.3	15.0		
06:15	347.2	.8	91.0			1.4	8.0		
06:30	304.6	.3	274.9			1.5	360.0		
06:45	300.6	.4	287.1			1.6	347.0		
07:00	319.6	.4	358.1			1.7	335.0		
07:15	327.0	.2	53.5	2.3	271.8	1.8	325.8		
07:30	312.0	.4	316.4	.9	255.1				
07:45	308.6	.5	296.3	.7	272.9				
08:00	312.2	.2	306.9	1.1	273.3				
08:15	324.7	.2	331.0	1.6	268.2				
08:30	342.4	.3	340.5	1.3	350.6				
08:45	345.5	.6	2.5	1.3	355.6				
09:00	347.6	.8	355.8	1.9	328.2				
09:15	325.1	.8	309.0	2.1	337.7				
09:30	305.8	1.5	296.3	1.5	323.8				
09:45	314.8	2.4	324.1	2.0	317.0				
10:00	326.7	3.6	339.4	3.5	333.0				
10:15	330.6	3.4	338.5	4.9	355.5				
10:30	334.3	3.0	346.8	2.9	346.4				
10:45	342.6	2.6	358.8	2.3	2.8	1.2	13.8		
11:00	355.4	1.4	.1	2.0	17.6	1.0	3.0		
11:15	9.3	.4	343.5	1.0	23.5	.9	44.0		
11:30	59.3	1.0	67.1	1.6	41.9	.2	78.7	1.9	318.5
11:45	51.6	1.6	55.1	2.3	28.2	.2	356.2	.8	44.0
12:00	27.4	1.5	29.5	2.8	9.2	1.4	336.8		
12:15	27.3	1.4	30.9	2.5	6.7	1.9	334.1		
12:30	19.0	1.1	29.7	1.5	10.1	.9	338.4		

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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	3.2	186.1				
00:15	3.2	185.1				
00:30	2.1	187.6				
00:45	1.8	204.4				
01:00	1.8	209.9				
01:15	2.0	244.0				
01:30	2.4	245.7				
01:45	2.7	270.0				
02:00	3.2	277.3				
02:15	3.2	262.3				
02:30	4.4	265.6				
02:45	4.3	259.8				
03:00	3.8	266.7				
03:15	3.5	267.4				
03:30	2.9	282.8				
03:45	1.6	315.5				
04:00						
04:15						
04:30						
04:45						
05:00						
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05:30						
05:45						
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10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						
12:30						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
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18:00						
18:15						
18:30						
18:45						
19:00						
19:15						
19:30						
19:45						
20:00						
20:15	9.1	42.9				
20:30	10.0	43.3	10.0	53.7	9.2	62.1
20:45	9.6	50.1	10.7	60.4	9.0	65.3
21:00	12.1	50.8	12.0	53.0		
21:15	11.9	50.7	13.0	47.0		
21:30	10.1	41.9	13.5	40.5		
21:45	9.7	40.6	11.8	49.6		
22:00	10.1	49.9	11.2	60.5		
22:15	10.3	51.8	10.6	60.9		
22:30	10.2	49.5	10.0	57.7		
22:45	10.1	49.9	10.5	53.6		
23:00	10.0	53.5	10.9	54.4		
23:15	9.8	51.2	10.2	60.2		
23:30	9.6	49.7	9.7	61.0		
23:45	10.1	51.1	9.8	62.0		
Avg	6.4	150.2	11.0	55.3	9.1	63.7
Max	12.1	315.5	13.5	62.0	9.2	65.3
Hr. of Max	84	15	86	95	82	83
Min	1.6	40.6	9.7	40.5	9.0	62.1
Count	31	31	14	14	2	2
Total						