

Daily Summary Report

Site: ORNL Sodar

3/18/2018

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	.6	259.0	1.7	292.1	3.7	288.1	4.7	285.2	4.4
00:15	.5	259.1	1.5	284.5	2.8	299.9	4.1	291.2	3.5
00:30	.3	266.0	.8	307.5	2.1	314.9	2.5	306.9	2.6
00:45	.4	251.7	1.0	330.0	2.4	311.4	2.8	316.5	2.9
01:00	.8	245.0	1.5	291.3	3.4	296.5	4.8	298.7	6.6
01:15	1.2	259.0	2.3	279.6	4.1	290.0	5.7	293.0	7.6
01:30	.5	275.2	1.3	283.0	3.5	291.6	4.0	296.8	5.5
01:45	.1	355.1	.5	280.0	2.6	293.9	3.5	291.0	4.2
02:00	.2	334.5	.7	293.4	2.2	297.3	3.4	293.7	4.1
02:15	.3	259.8	.5	295.9	2.1	296.8	3.0	299.6	4.5
02:30	.4	224.9	.1	233.9	1.9	284.6	3.4	285.1	4.7
02:45	.5	223.7	.4	196.4	1.5	267.0	2.6	276.4	3.1
03:00	.7	237.7	.9	235.7	2.0	258.6	2.4	264.8	1.9
03:15	.9	247.8	1.7	254.9	2.5	264.0	3.1	265.2	2.8
03:30	.9	255.0	1.4	256.5	2.2	272.8	2.7	274.5	2.7
03:45	.8	263.6	1.1	263.3	2.3	280.6	3.1	279.7	3.5
04:00	1.2	272.3	1.9	270.9	3.1	281.9	4.6	280.9	5.3
04:15	1.3	278.5	2.3	272.7	3.3	280.8	4.6	285.2	5.8
04:30	1.2	274.3	2.3	272.5	4.0	277.4	5.3	281.8	6.1
04:45	1.2	272.9	2.0	270.6	3.6	277.8	5.3	280.3	5.6
05:00	1.0	275.5	1.6	269.9	1.5	287.1	2.5	287.9	4.0
05:15	.8	284.8	1.1	289.7	1.0	300.8	1.4	317.8	3.8
05:30	.2	280.9	.9	305.4	1.2	316.2	2.0	330.7	4.1
05:45	.2	176.3	.4	319.5	.9	336.5	1.7	341.7	2.6
06:00	.1	231.5	.3	323.6	.8	353.1	1.1	4.7	.6
06:15	.2	242.5	.2	319.3	.6	2.9	.8	15.6	.5
06:30	.3	227.2	.2	253.4	.3	347.5	.4	15.1	.6
06:45	.3	245.6	.3	257.8	.3	317.0	.5	352.7	1.1
07:00	.3	291.7	.4	321.1	.6	337.3	.8	354.7	1.7
07:15	.3	276.8	.5	1.8	.7	357.2	1.0	8.8	1.8
07:30	.1	227.5	.4	34.4	.6	34.8	1.0	32.3	1.4
07:45	.1	104.4	.5	53.2	.9	48.9	1.3	48.2	1.4
08:00	.2	316.6	.9	44.5	1.3	46.5	2.0	42.6	1.5
08:15	.3	319.8	1.1	30.2	1.8	33.0	2.0	33.3	.8
08:30	.7	299.0	1.3	31.6	2.2	26.6	1.5	28.1	.3
08:45	.6	290.3	1.2	35.8	2.1	26.7	1.5	26.9	.2
09:00	.4	82.3	1.0	20.4	2.0	21.8	1.4	22.4	.2
09:15	.8	87.9	.6	12.5	1.3	28.7	1.1	32.6	.3
09:30	.5	71.5	.7	50.7	.8	55.2	.9	46.2	.4
09:45	1.0	85.4	.9	67.7	1.0	57.0	1.1	53.1	.7
10:00	.8	89.3	.7	60.9	1.2	26.8	2.0	17.2	1.5
10:15	.3	45.7	1.0	40.1	1.5	10.9	2.2	8.2	2.3
10:30	.8	29.4	2.1	24.9	2.5	24.8	2.5	27.9	2.4
10:45	1.6	20.8	2.9	23.3	3.1	25.6	3.3	26.6	3.1
11:00	1.9	11.7	3.7	31.0	3.5	30.9	3.6	36.0	3.7
11:15	1.2	55.1	3.6	58.9	4.0	57.6	4.3	58.9	4.4
11:30	2.7	90.7	4.0	86.5	4.3	81.6	4.3	76.7	4.3
11:45	3.8	88.5	4.5	82.4	4.8	74.4	4.7	70.7	4.6
12:00	3.5	82.7	3.9	75.2	4.4	71.3	5.0	67.4	5.2
12:15	2.6	84.9	3.9	68.0	4.3	73.5	4.5	76.7	4.6

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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	290.3	6.5	301.6	10.3	309.0	12.9	319.7	14.0	319.6
00:15	289.4	4.3	288.0	9.0	304.0	13.0	315.0	15.0	320.7
00:30	291.0	1.8	286.4	10.0	307.0	13.0	314.0	15.2	318.0
00:45	290.7	3.9	280.4	11.0	309.0	13.0	312.0	15.3	316.0
01:00	290.6	8.2	299.0	12.1	311.7	12.8	311.7	15.4	314.0
01:15	293.4	9.6	305.3	11.8	311.5	13.3	313.7	15.5	313.2
01:30	288.8	7.8	302.3	11.8	315.2	12.8	314.9	12.9	309.7
01:45	283.4	5.7	289.3	11.6	317.3	11.7	314.5	12.0	309.8
02:00	298.8	6.4	317.4	10.9	317.1	11.7	316.9	13.3	320.7
02:15	304.7	7.3	322.1	11.3	321.0	11.9	317.6	13.5	323.6
02:30	289.0	6.3	304.9	10.2	319.6	12.4	322.7	12.9	322.9
02:45	282.2	3.4	289.9	8.2	320.5	13.1	326.5	12.9	322.4
03:00	275.2	2.1	277.1	6.3	310.1	10.0	310.0	10.0	315.0
03:15	268.0	2.6	276.7	6.0	285.0	7.6	297.2	8.2	307.6
03:30	274.2	3.7	280.0	7.5	291.0	8.6	312.2	7.5	314.7
03:45	286.6	6.3	294.2	8.0	308.9	7.6	315.4	8.4	328.5
04:00	289.3	7.1	300.9	7.4	310.8	7.3	324.5		
04:15	294.3	6.7	303.1	6.5	317.0				
04:30	290.6	5.7	300.9	5.5	320.4				
04:45	288.3	5.2	298.5	5.0	314.4				
05:00	301.4	4.3	310.3	4.3	328.4				
05:15	327.2	4.8	334.8	5.8	351.3				
05:30	338.3	5.1	347.9	5.7	6.4				
05:45	348.1	3.2	357.2	4.0	15.8				
06:00	10.2	.8	19.9	1.5	4.8				
06:15	14.0	.4	32.2	1.0	359.1				
06:30	20.5	.6	47.6	1.9	3.4				
06:45	20.2	2.4	16.6	3.8	3.0				
07:00	9.9	3.2	9.5	2.3	9.7				
07:15	15.4	1.8	18.0	.6	52.5	.4	107.1		
07:30	33.2	1.1	41.9	.5	78.9	1.5	30.4		
07:45	49.6	.7	54.4	.2	67.9	.9	30.7		
08:00	36.6	.3	9.3	.3	285.3	.2	133.2		
08:15	21.8	.3	329.7	.1	320.4	.7	9.5	.3	97.8
08:30	46.9	.1	78.0	.4	52.3	.8	32.2	.9	25.8
08:45	5.1	.3	109.6	1.0	24.3	.9	90.0		
09:00	78.5	.2	64.0	.7	145.0	1.3	161.1		
09:15	72.9	.5	52.4	.9	120.0				
09:30	60.9	.8	71.6	1.1	75.0				
09:45	65.4	.9	65.0	1.3	58.2				
10:00	25.4	2.7	20.3	3.3	34.8				
10:15	10.7	3.3	13.3	4.8	10.7				
10:30	13.2	2.5	15.1	4.0	9.6				
10:45	24.8	4.0	21.6	4.9	24.8	7.7	18.1		
11:00	42.0	4.3	31.6	5.7	32.2	9.2	36.3	12.0	46.9
11:15	56.6	4.5	38.6	5.9	31.8	11.4	37.7	12.0	39.4
11:30	77.6	4.4	69.6	6.6	59.4	12.0	35.0	13.0	35.1
11:45	76.1	4.5	83.2	6.8	65.1	9.5	49.0	10.6	39.3
12:00	63.5	4.9	61.8	6.6	50.4	9.9	37.8	8.3	39.9
12:15	78.2	4.7	72.8	5.6	64.8	9.0	38.0	8.6	39.7

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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	14.5	319.3	15.4	315.6	18.0	316.7
00:15	15.2	318.3	15.6	320.0	17.0	315.5
00:30	15.0	317.0	15.2	317.0	16.5	313.0
00:45	14.5	315.0	15.0	313.0	16.3	309.0
01:00	14.0	313.0	14.8	310.0	16.0	307.0
01:15	13.7	311.5	14.6	307.5	15.8	306.0
01:30	15.2	316.1	15.1	313.3	15.5	304.8
01:45	14.5	315.4	14.8	315.5	15.1	306.3
02:00	13.6	314.7	13.7	313.5	15.1	308.7
02:15	14.0	321.5	14.1	318.7	15.6	316.8
02:30	14.2	325.1	16.1	323.3	16.0	323.1
02:45	15.5	326.2	16.4	321.4	16.6	326.0
03:00	13.0	328.0				
03:15	10.0	327.0				
03:30	8.4	326.8				
03:45						
04:00						
04:15						
04:30						
04:45						
05:00						
05:15						
05:30						
05:45						
06:00						
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10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30						
12:45						
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	13.1	39.3	15.2	42.3	13.6	47.9
16:30						
16:45						
17:00						
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17:45						
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22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	13.7	302.1	15.1	294.7	15.9	292.4
Max	15.5	328.0	16.4	323.3	18.0	326.0
Hr. of Max	11	12	11	10	00	11
Min	8.4	39.3	13.7	42.3	13.6	47.9
Count	16	16	13	13	13	13
Total						