

Daily Summary Report

Site: ORNL Sodar

10/27/2018

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	1.5	261.2	2.3	247.6	3.4	246.4	4.5	252.6	6.0
00:15	1.6	265.8	2.4	244.8	3.2	242.2	4.3	250.1	5.5
00:30	2.2	263.0	3.1	248.2	3.9	243.3	5.1	248.8	6.0
00:45	1.7	261.3	2.6	244.9	3.9	236.5	4.8	240.4	6.5
01:00	1.3	268.4	1.7	238.1	3.5	230.5	4.5	230.9	7.0
01:15	1.8	266.6	2.2	244.7	3.8	234.7	5.0	234.4	7.5
01:30	2.2	264.5	2.8	242.4	4.3	238.6	5.7	241.0	9.0
01:45	2.1	264.1	2.9	244.2	4.3	243.4	5.3	251.2	7.0
02:00	1.3	254.8	2.6	235.9	3.3	249.6	3.6	258.7	5.0
02:15	1.2	252.7	2.0	232.0	2.5	252.2	3.3	258.0	5.0
02:30	1.3	254.5	1.8	239.9	3.0	246.1	4.2	252.3	8.0
02:45	.9	248.2	1.8	235.9	3.0	240.1	4.0	245.4	5.5
03:00	.6	251.5	1.6	241.9	2.6	239.9	3.7	247.0	5.2
03:15	.6	253.6	2.1	249.1	3.2	242.8	4.7	249.2	6.1
03:30	.9	252.1	3.0	246.5	4.0	244.4	5.3	250.8	7.6
03:45	1.0	253.5	3.7	249.1	4.3	244.4	5.4	255.8	7.3
04:00	.6	246.8	3.0	248.6	3.6	243.3	4.6	257.1	6.5
04:15	.5	230.4	2.5	239.1	3.3	245.3	4.6	253.4	6.3
04:30	.7	248.1	2.9	241.5	3.6	245.9	5.0	254.0	6.5
04:45	.7	254.7	2.5	246.5	3.6	248.4	4.9	254.7	6.8
05:00	.8	250.5	2.2	255.5	3.5	252.2	4.9	255.2	6.2
05:15	.8	259.9	1.6	251.3	2.6	243.1	3.4	252.0	4.1
05:30	.4	271.6	1.4	238.1	1.9	230.5	2.1	244.7	2.6
05:45	.4	278.8	1.1	246.8	1.7	233.9	2.0	253.7	1.9
06:00	.4	261.2	1.3	245.7	1.9	235.0	2.2	248.8	1.8
06:15	.5	240.7	2.3	251.9	2.9	242.1	3.2	247.5	3.0
06:30	.7	246.7	2.7	256.6	3.3	245.9	4.0	253.5	5.1
06:45	.4	244.1	2.1	259.7	2.6	248.1	3.5	257.1	3.6
07:00	.2	223.5	1.8	266.2	2.1	246.7	2.3	259.9	1.7
07:15	.3	236.9	2.0	267.8	2.5	251.1	2.6	257.7	2.0
07:30	.4	268.9	2.3	268.2	3.4	256.5	4.0	259.4	4.7
07:45	.4	258.8	2.0	261.3	3.1	253.9	3.3	260.3	2.5
08:00	.2	238.8	1.5	253.5	2.6	256.0	3.2	268.7	1.6
08:15	.1	35.9	1.3	260.0	2.5	265.5	3.8	274.4	2.4
08:30	.3	297.4	1.4	268.1	2.0	277.2	3.3	279.7	2.7
08:45	.5	280.6	1.1	278.9	1.9	277.7	2.6	282.2	2.0
09:00	.2	309.0	.7	278.6	1.4	276.8	1.4	288.1	1.0
09:15	.2	334.8	.6	263.9	1.4	299.9	1.5	298.4	1.6
09:30	.2	335.1	.3	271.1	1.4	295.1	2.1	291.0	2.2
09:45	.2	5.3	.5	254.1	1.0	261.6	1.9	271.7	2.0
10:00	.2	8.0	.6	242.7	.8	257.3	1.4	259.7	1.5
10:15	.2	341.2	.5	249.2	.7	267.9	.9	260.9	.8
10:30	.0	46.9	.4	250.2	.7	257.0	1.5	265.9	2.2
10:45	.1	84.4	.5	246.6	1.0	258.5	2.1	264.1	3.8
11:00	.2	2.3	.4	256.2	1.1	254.6	1.6	264.6	2.3
11:15	.3	11.9	.3	280.3	.7	254.1	.9	263.3	.7
11:30	.4	9.0	.3	261.8	.5	278.8	.7	275.7	.2
11:45	.4	7.9	.3	259.3	.7	302.5	1.0	282.2	.3
12:00	.2	48.4	.3	254.5	.9	307.8	1.2	291.4	.6
12:15	.2	41.7	.4	241.4	.7	302.0	1.0	300.6	.5
12:30	.1	10.2	.3	265.3	.6	268.5	.8	274.3	.3

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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	259.7	10.5	250.0						
00:15	253.6	11.0	245.0						
00:30	245.0	11.5	235.0						
00:45	240.0	12.0	225.0						
01:00	233.0	12.5	220.0						
01:15	227.0	13.3	213.3	15.4	221.9	15.5	223.9	16.5	222.2
01:30	225.0	13.2	214.5	14.6	219.8	15.0	221.9	16.3	223.6
01:45	245.0	14.0	215.0	15.0	220.0	15.5	222.0	16.5	224.0
02:00	268.2	14.5	216.0	15.0	220.0	16.0	223.0	16.5	224.0
02:15	265.9	15.0	218.0	15.2	220.0	16.0	224.0	17.0	224.0
02:30	245.0	15.6	220.6	15.4	220.5	16.7	224.5	17.0	225.1
02:45	253.1	14.6	319.1	14.9	315.5	16.2	314.5	15.8	314.0
03:00	263.8	8.9	269.2	15.2	319.3	15.9	319.2	16.1	315.8
03:15	263.5	8.2	268.0	15.9	321.3	15.7	320.4	16.7	318.0
03:30	265.7	11.5	293.0	16.0	316.4	16.2	319.6	16.4	316.7
03:45	266.8	11.0	295.0	16.7	315.8	17.8	320.0	16.3	316.2
04:00	267.8	10.0	285.0			17.0	317.5		
04:15	267.7	9.1	271.3			16.3	315.0		
04:30	265.7	8.7	269.2			15.5	312.5		
04:45	264.7	8.8	270.0			14.8	310.0		
05:00	265.2	9.0	270.0			14.0	307.5		
05:15	263.0	6.8	268.0			13.8	305.0		
05:30	264.7	4.3	266.8			13.5	302.5		
05:45	272.2	2.4	269.1			13.3	300.0		
06:00	259.2	1.2	259.2			13.0	297.5		
06:15	253.9	4.5	268.3			12.8	295.0		
06:30	264.2	6.8	267.4			12.5	292.5		
06:45	266.7	6.8	268.0			12.3	290.0		
07:00	274.0	2.5	266.1			11.5	287.5		
07:15	269.1	1.4	252.7			10.8	285.0		
07:30	265.0	3.1	262.0			10.0	282.5		
07:45	263.6	2.1	259.3			9.3	280.0		
08:00	272.2	3.2	268.3	6.3	275.2	8.5	277.5		
08:15	273.9	5.5	272.2	7.9	274.1	9.0	274.7	7.9	275.3
08:30	278.7	5.2	275.8	8.2	274.2	9.6	271.0	7.5	276.0
08:45	286.6	2.6	281.1	6.2	274.8	9.8	267.5	7.5	276.0
09:00	299.7	1.0	303.0	2.7	274.0	9.0	275.0	7.5	276.0
09:15	284.6	2.3	292.7	1.7	303.6	9.0	280.0	7.5	276.0
09:30	278.3	3.0	285.9	6.6	279.3	8.3	286.0	7.5	276.0
09:45	274.5	3.3	278.1	7.2	278.8	8.5	275.2	7.5	276.0
10:00	274.8	3.2	274.5	7.0	280.5	8.4	274.1	7.5	276.0
10:15	287.1	2.6	271.8	6.0	280.0	7.2	269.1	7.3	277.7
10:30	274.9	4.8	271.9	6.7	275.5	8.3	271.8	7.4	274.0
10:45	275.4	5.8	275.1	8.0	272.4	9.7	274.2	7.4	274.0
11:00	276.3	3.7	275.8	7.6	272.1	8.0	268.8	7.4	274.0
11:15	261.1	1.9	270.2	6.4	274.7	7.9	268.3	7.4	274.0
11:30	248.9	1.1	280.4	4.9	283.3	7.7	277.8	7.4	274.0
11:45	265.2	.9	278.4	4.3	282.3	7.2	283.7	7.4	274.0
12:00	277.2	1.1	296.9	5.9	280.7	7.3	286.5	7.4	274.0
12:15	281.0	1.3	300.2	5.0	282.5	5.8	285.5	7.4	274.0
12:30	295.0	.7	275.5	3.9	276.1	4.5	281.2	7.4	274.0

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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						
00:15						
00:30						
00:45						
01:00						
01:15	16.5	223.0	17.1	227.0	18.0	228.6
01:30	16.4	221.6	16.7	225.4	16.8	227.4
01:45	16.5	222.0	17.0	226.0	17.0	226.0
02:00	16.5	223.0	18.0	229.0	17.0	225.0
02:15	17.0	224.0	19.0	230.0	18.0	224.0
02:30	17.2	224.0	19.6	230.7	18.5	223.3
02:45	16.0	313.7	17.0	270.0	17.5	270.0
03:00	17.1	316.0	15.8	314.6	16.6	316.4
03:15	17.9	318.1	16.2	316.8	17.7	318.8
03:30	17.7	317.4	18.0	317.0	18.8	317.8
03:45	17.7	314.4	19.9	316.5	18.6	312.5
04:00	17.6	313.4				
04:15	17.5	312.4				
04:30	17.3	311.4				
04:45	17.1	310.4				
05:00	16.9	309.4				
05:15	16.7	308.4				
05:30	16.5	307.4				
05:45	16.2	306.4				
06:00	16.0	305.4				
06:15	15.8	304.4				
06:30	15.6	303.4				
06:45	15.4	302.4				
07:00	15.1	301.4				
07:15	14.9	300.4				
07:30	14.7	299.4				
07:45	14.5	298.4				
08:00	14.3	297.4				
08:15	14.0	296.4				
08:30	13.8	295.4				
08:45	13.6	294.4				
09:00	13.4	293.4				
09:15	13.2	292.4				
09:30	13.0	291.4				
09:45	12.9	290.4				
10:00	12.8	289.4				
10:15	12.7	288.4				
10:30	12.6	287.4				
10:45	12.4	286.4				
11:00	12.3	285.4				
11:15	12.2	284.4				
11:30	12.1	283.4				
11:45	12.0	282.4				
12:00	11.8	281.4				
12:15	11.7	280.4				
12:30	11.6	279.4				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	11.5	278.4				
13:00	11.4	277.4				
13:15	11.2	276.4				
13:30	11.1	275.4				
13:45	11.0	274.4				
14:00	10.9	273.4				
14:15	10.8	272.4				
14:30	10.6	271.4				
14:45	10.5	270.4				
15:00	10.4	269.4				
15:15	9.5	260.6				
15:30						
15:45						
16:00						
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						
17:45						
18:00						
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21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	14.1	285.8	17.7	263.9	17.7	262.7
Max	17.9	318.1	19.9	317.0	18.8	318.8
Hr. of Max	13	13	15	14	14	13
Min	9.5	221.6	15.8	225.4	16.6	223.3
Count	57	57	11	11	11	11
Total						