

Daily Summary Report

Site: ORNL Sodar

12/16/2018

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	261.5	.7	252.9	1.4	229.5	2.0	231.5	1.9
00:15	.3	252.4	.8	251.5	2.1	232.2	2.8	236.5	2.8
00:30	1.1	248.4	1.3	243.1	2.6	235.9	3.7	236.4	3.7
00:45	.6	280.0	1.6	230.3	3.6	230.1	4.8	230.2	6.0
01:00	1.9	256.3	2.0	219.1	4.1	223.5	5.5	230.1	7.1
01:15	1.8	254.8	2.1	229.1	4.1	224.2	5.7	229.9	7.5
01:30	2.4	252.9	2.6	240.6	4.6	232.9	6.3	231.1	7.6
01:45	2.6	251.4	3.2	247.6	5.1	239.4	6.8	235.7	7.9
02:00	2.4	264.7	2.8	245.5	4.7	240.8	6.1	237.9	7.2
02:15	2.3	269.6	1.9	239.8	4.0	239.3	5.3	239.8	6.0
02:30	1.4	264.4	1.4	242.9	2.6	238.6	3.4	242.2	4.3
02:45	.8	258.0	1.2	242.3	1.7	246.2	2.3	248.0	3.7
03:00	1.4	269.9	1.4	248.0	2.3	252.1	3.0	254.7	4.4
03:15	.8	274.0	1.3	250.3	2.2	251.3	2.7	260.1	4.3
03:30	.2	286.2	.9	258.5	1.2	259.3	1.4	252.8	2.9
03:45	.4	273.9	.8	240.0	1.1	233.4	6.0	300.0	7.0
04:00	1.0	265.1	1.6	261.8	14.5	351.1	14.8	347.8	14.3
04:15	1.5	315.2	11.5	347.6	13.0	345.9	13.9	341.8	14.3
04:30	1.4	306.6	2.3	244.1	3.2	248.5	6.0	275.0	8.0
04:45	1.3	259.5	1.4	258.2	2.3	250.8	3.5	254.4	5.6
05:00	.4	249.8	.8	242.4	1.2	241.6	2.1	240.1	4.3
05:15	.1	155.8	1.0	225.9	1.2	232.4	2.3	230.2	4.3
05:30	.2	103.5	1.3	220.0	1.4	234.6	2.5	234.5	3.9
05:45	.2	103.4	1.2	214.7	1.3	237.2	2.0	239.7	3.4
06:00	.1	120.7	1.1	215.0	1.3	240.9	2.3	247.5	3.9
06:15	.7	260.2	1.5	217.2	1.8	240.5	2.9	248.5	5.1
06:30	1.6	261.7	1.9	232.6	2.3	253.4	3.1	255.2	4.7
06:45	1.6	261.0	2.0	243.1	2.3	258.5	3.6	254.9	4.0
07:00	1.4	259.0	1.8	230.0	2.0	256.0	3.0	252.0	3.6
07:15	1.2	259.0	1.5	215.0	1.8	253.0	2.8	250.0	3.3
07:30	1.0	258.0	1.2	200.0	1.5	250.0	2.5	248.0	3.0
07:45	.2	255.2	.2	162.4	.7	242.1	1.6	243.5	2.6
08:00	.2	230.2	.3	199.5	.8	242.0	1.1	250.0	2.1
08:15	.3	229.7	.2	212.2	.8	234.9	1.2	245.2	2.3
08:30	.3	255.6	.3	193.8	1.0	233.1	1.9	247.1	2.7
08:45	.2	238.2	.6	218.6	1.6	244.9	2.6	252.1	3.8
09:00	.2	230.9	.5	235.2	1.5	248.8	2.7	254.9	4.1
09:15	.3	292.6	.2	227.3	1.0	245.4	2.1	256.0	3.6
09:30	.4	281.4	.3	231.0	1.6	239.4	2.6	245.1	3.4
09:45	.4	272.2	.3	250.6	1.8	243.0	3.2	249.6	3.9
10:00	.7	282.5	.6	273.0	1.6	255.0	2.9	261.6	4.2
10:15	.9	278.6	1.0	270.2	2.2	264.5	3.4	263.8	4.4
10:30	.8	275.4	1.6	264.8	3.2	267.0	4.0	270.0	4.3
10:45	.7	280.5	1.6	261.9	2.5	266.2	3.1	274.3	3.6
11:00	.4	286.2	.9	267.1	2.0	278.0	3.0	279.0	3.9
11:15	.8	275.5	.9	271.4	2.6	280.1	4.0	280.7	5.0
11:30	1.2	272.4	1.5	269.6	3.0	271.8	4.3	279.1	5.2
11:45	.9	268.6	2.6	269.5	2.9	264.9	3.4	277.7	4.7
12:00	1.0	259.4	2.4	271.0	3.3	266.0	3.3	274.3	4.5
12:15	1.4	268.3	2.3	266.3	3.8	269.0	4.0	274.5	4.3
12:30	2.0	278.7	4.5	271.9	5.2	277.8	5.0	281.0	4.5

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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	234.1	3.1	262.4	11.0	238.0	13.2	302.5		
00:15	245.0	4.0	255.8	11.3	236.0	13.4	303.7		
00:30	247.4	5.9	243.1	11.4	233.6	13.6	304.9		
00:45	231.0	8.0	236.8	12.2	234.0	13.8	306.1		
01:00	236.4	8.8	236.9	12.8	230.8	14.0	307.3		
01:15	237.3	9.4	236.6	12.0	232.0	14.2	308.5		
01:30	235.2	9.9	236.0	11.0	236.0	14.4	309.7		
01:45	235.6	10.0	236.4	10.5	240.0	14.6	310.9		
02:00	240.4	9.1	241.6	10.0	244.0	14.8	312.1		
02:15	241.3	7.6	241.3	9.9	246.8	15.0	313.3		
02:30	242.3	6.1	240.7	9.6	243.4	15.2	314.5		
02:45	259.4	5.9	251.9	9.8	245.5	15.4	315.7		
03:00	262.5	6.6	263.0	10.0	265.0	15.6	316.9		
03:15	261.2	6.8	269.2	11.0	280.0	15.8	318.1		
03:30	239.2	8.5	290.0	12.0	295.0	16.0	319.6		
03:45	300.0	11.0	310.0	13.0	310.0	16.2	321.1		
04:00	344.5	13.7	335.5	14.3	331.2	17.2	317.0	17.3	314.8
04:15	337.5	14.1	327.7	15.6	330.1	17.1	320.4	16.5	323.0
04:30	280.0			15.3	330.0				
04:45	247.1			15.3	329.0				
05:00	239.7			15.0	329.0				
05:15	226.6			15.0	328.0				
05:30	231.3			14.8	328.0				
05:45	237.5			14.5	328.0				
06:00	230.7			14.5	327.0				
06:15	224.6			14.3	327.0				
06:30	238.9			14.0	326.0				
06:45	250.0			14.0	326.0				
07:00	253.0	.0	.0	14.0	325.0				
07:15	256.0	.0	.0	13.8	325.0				
07:30	258.0	4.3	248.0	13.8	325.0				
07:45	264.3	4.4	248.3	13.8	325.0				
08:00	265.1	3.8	255.3	13.5	325.0				
08:15	263.6	4.2	255.8	13.5	324.0				
08:30	262.8	4.4	257.5	13.3	324.0				
08:45	255.6	5.2	253.5	13.0	323.0				
09:00	252.9	4.9	251.8	13.0	323.0				
09:15	258.9	4.5	259.7	12.8	323.0				
09:30	261.7	5.0	268.0	12.5	322.0				
09:45	259.0	5.7	269.5	12.5	322.0				
10:00	265.8	6.0	272.6	12.3	322.0				
10:15	271.1	5.9	277.4	12.3	321.0				
10:30	274.9	4.5	282.4	12.0	321.0				
10:45	283.6	3.9	286.7	12.0	321.0				
11:00	286.7	4.9	291.8	11.8	320.0				
11:15	284.9	6.7	295.0	11.6	320.0				
11:30	280.3	6.9	289.1	9.0	300.0				
11:45	277.9	5.9	281.8	6.1	280.4				
12:00	275.6	5.4	277.8	5.8	271.8	7.9	268.7		
12:15	274.4	4.9	279.8	6.4	294.1	8.0	301.8		
12:30	282.3	5.2	283.9	6.7	294.7	7.4	311.3	7.1	312.3

Daily Summary Report

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12/16/2018

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						
01:30						
01:45						
02:00						
02:15						
02:30						
02:45						
03:00						
03:15						
03:30						
03:45						
04:00	17.1	319.8	16.9	317.7	18.5	315.3
04:15	15.0	324.4	17.9	322.0	18.3	319.6
04:30	14.6	322.0				
04:45	14.3	322.0				
05:00	14.0	322.0				
05:15	13.7	322.0				
05:30	13.4	322.0				
05:45	13.1	322.0				
06:00	12.8	322.0				
06:15	12.5	322.0				
06:30	12.2	322.0				
06:45	11.9	322.0				
07:00	11.6	322.0				
07:15	11.3	322.0				
07:30	11.6	322.0				
07:45	11.3	322.0				
08:00	11.0	322.0				
08:15	10.7	322.0				
08:30	10.4	322.0				
08:45	10.1	322.0				
09:00	10.0	322.0				
09:15	9.8	322.0				
09:30	9.6	322.0				
09:45	9.5	322.0				
10:00	9.4	322.0				
10:15	9.2	322.0				
10:30	9.0	322.0				
10:45	8.8	322.0				
11:00	8.6	322.0				
11:15	8.5	322.0				
11:30	8.3	322.0				
11:45	8.1	322.0				
12:00	7.9	322.0				
12:15	7.6	322.0				
12:30	7.4	320.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	6.9	315.4				
13:00						
13:15						
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22:45						
23:00						
23:15						
23:30						
23:45						
Avg	10.9	321.8	17.4	319.9	18.4	317.5
Max	17.1	324.4	17.9	322.0	18.5	319.6
Hr. of Max	16	17	17	17	16	17
Min	6.9	315.4	16.9	317.7	18.3	315.3
Count	36	36	2	2	2	2
Total						