

Daily Summary Report

Site: ORNL Sodar

3/20/2018

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	270.7	.4	232.6	2.1	251.0	2.9	247.6	1.5
00:15	1.4	260.1	1.6	243.4	3.6	255.4	5.3	257.2	5.1
00:30	2.4	244.6	2.9	236.6	4.9	243.1	6.0	244.3	6.8
00:45	1.3	218.9	2.3	218.5	4.1	228.6	4.7	230.6	5.8
01:00	.4	211.6	1.4	209.8	2.5	227.5	2.5	227.6	3.1
01:15	.2	218.3	.6	217.9	1.7	221.0	2.2	216.5	2.3
01:30	.2	233.9	.4	201.6	1.5	220.8	2.5	215.2	2.6
01:45	.3	277.1	.5	186.5	1.3	218.5	2.1	218.1	2.0
02:00	.1	341.2	.8	185.4	1.5	200.2	1.7	216.9	1.1
02:15	.2	284.0	1.0	188.9	1.3	205.4	1.3	224.7	.9
02:30	.4	257.5	1.0	203.8	1.1	217.2	1.0	228.7	.8
02:45	.2	283.4	.8	198.6	.8	216.8	.7	226.3	.6
03:00	.3	333.6	.5	199.4	.5	235.3	.5	233.6	.4
03:15	.4	311.4	.7	217.0	.7	231.8	.8	223.3	.7
03:30	.7	304.5	.7	203.1	.8	220.4	.9	222.9	1.1
03:45	.8	278.0	.3	180.9	.5	218.7	.5	213.4	.4
04:00	.9	257.5	.2	200.3	.4	236.0	.6	230.6	.2
04:15	.8	275.9	.2	196.2	.6	247.2	1.0	242.5	.7
04:30	.6	277.5	.2	228.2	.8	243.6	.9	231.6	.9
04:45	.6	279.0	.3	248.1	1.0	239.4	1.0	226.4	1.2
05:00	.5	283.6	.2	211.4	1.0	236.2	1.3	228.2	1.4
05:15	.3	281.3	.2	219.0	1.3	249.6	2.3	248.0	3.5
05:30	.3	275.4	.3	227.1	1.3	252.6	2.3	248.9	4.8
05:45	.3	275.7	.2	199.1	.7	246.0	1.5	226.8	4.4
06:00	.2	271.9	.1	185.4	.6	236.0	1.2	214.5	4.8
06:15	.2	271.4	.0	229.7	.5	233.0	1.5	243.9	4.9
06:30	.1	279.8	.4	234.0	1.5	256.1	3.3	249.9	5.7
06:45	.1	249.4	1.1	249.6	2.0	252.1	3.5	245.3	5.5
07:00	.4	262.2	1.6	251.0	2.6	243.6	3.2	239.7	4.8
07:15	1.1	263.2	1.7	247.1	3.1	242.8	3.9	242.0	5.4
07:30	1.4	260.7	2.1	253.1	3.0	248.4	4.3	246.9	6.2
07:45	.6	247.7	1.6	253.4	2.4	251.9	3.7	248.6	5.9
08:00	.4	209.8	.4	260.2	1.0	241.3	2.2	238.9	5.6
08:15	.4	204.4	.4	271.0	.6	236.2	2.0	243.9	5.9
08:30	.3	201.1	.6	229.5	.8	247.3	2.3	255.2	5.5
08:45	.3	183.5	.5	235.3	1.2	258.2	2.4	260.8	5.4
09:00	.3	163.2	.6	247.3	2.2	264.5	3.8	263.8	5.7
09:15	.3	212.8	.9	257.9	2.6	266.1	4.7	266.0	6.2
09:30	.2	218.6	.7	265.5	2.3	265.5	4.0	267.5	6.1
09:45	.3	239.8	.7	251.0	1.4	259.1	2.4	265.5	4.1
10:00	.5	260.8	1.1	254.0	1.1	248.5	1.2	253.0	2.1
10:15	.5	276.0	1.5	264.6	1.3	255.0	1.4	253.7	1.7
10:30	.7	287.4	1.9	271.8	2.0	270.6	1.9	266.5	2.2
10:45	1.0	271.1	1.6	265.2	2.0	262.9	1.9	259.4	2.5
11:00	1.1	267.8	1.6	260.3	1.8	250.1	1.7	246.1	3.1
11:15	.9	280.7	1.8	265.1	2.1	259.7	1.8	253.5	3.1
11:30	.5	282.7	1.5	273.1	1.7	276.6	1.9	269.2	1.3
11:45	.5	257.5	1.8	269.8	2.3	269.3	3.0	265.6	1.3
12:00	1.5	269.3	2.3	263.6	2.3	253.9	2.4	253.3	1.5
12:15	1.9	272.6	2.7	249.7	2.9	243.3	3.3	249.4	2.4

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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	228.5	1.2	216.9	8.2	240.2	11.0	224.0	13.3	226.9
00:15	253.2	5.2	246.1	8.8	236.8	11.4	231.2	12.7	232.3
00:30	237.0	8.1	232.9	9.9	230.9	11.1	227.4	12.8	226.6
00:45	223.5	7.5	220.3	9.4	225.7	10.8	226.1	12.1	228.2
01:00	223.4	4.1	224.6	7.9	225.4	10.5	233.2	11.0	235.9
01:15	215.9	2.4	220.5	6.5	232.9	9.4	241.0	9.6	238.2
01:30	217.8	3.0	227.8	7.5	233.6	8.3	247.2	9.0	253.0
01:45	225.6	2.3	239.8	5.5	243.7	6.9	261.0	8.1	270.1
02:00	217.4	1.9	230.9	4.6	245.4	6.0	265.3	8.0	271.0
02:15	211.2	1.6	222.6	3.9	241.2	5.1	265.1	7.5	272.0
02:30	214.6	.5	236.9	3.2	235.8	4.4	262.6	7.0	273.0
02:45	221.7	.3	257.8	2.5	232.8	3.8	259.6	6.7	274.3
03:00	224.2	.6	258.1	1.8	235.6	3.3	255.0	4.9	276.7
03:15	226.4	.8	254.9	2.1	238.8	4.0	241.2	5.1	254.6
03:30	231.8	1.0	255.4	2.8	238.7	5.5	233.6	7.1	244.3
03:45	224.5	.4	263.4	2.5	229.7	5.8	235.0		
04:00	238.1	.4	223.7	2.7	217.6	6.5	238.9		
04:15	238.4	1.0	230.6	4.6	231.0	7.7	238.0		
04:30	219.0	1.6	238.8	5.7	235.4	9.2	234.8		
04:45	237.8	3.3	249.8	7.0	238.8	10.1	236.0		
05:00	249.7	4.4	247.8	8.8	240.0	10.2	232.6		
05:15	253.4	5.3	248.7	7.7	234.3	10.5	232.0		
05:30	249.7	4.4	244.7	9.0	235.0	10.5	231.0		
05:45	233.8	3.9	214.1	10.0	236.0	10.8	230.0		
06:00	234.3	6.5	231.5	11.0	237.0	11.0	230.0		
06:15	242.9	7.6	238.6	11.5	237.6	11.3	229.0		
06:30	242.9	8.3	242.0	12.4	232.0	11.5	229.0		
06:45	243.5	8.2	242.4	11.5	229.0	11.8	228.0		
07:00	241.8	7.5	239.3	10.5	225.3	12.0	228.0		
07:15	241.8	7.6	237.8	11.1	228.5	12.2	227.6		
07:30	243.8	8.5	242.6	11.8	226.5	12.3	227.4		
07:45	243.6	8.6	245.5	11.0	230.0	12.3	227.1		
08:00	245.1	8.5	246.4	10.5	235.0	12.3	226.9		
08:15	250.5	8.6	248.5	10.0	240.0	12.3	226.6		
08:30	259.1	8.2	254.7	9.7	244.1	12.3	226.4		
08:45	264.2	7.9	259.9	10.5	251.2	12.3	226.1		
09:00	264.8	7.9	266.9	9.7	267.6	12.4	225.9		
09:15	268.8	8.3	271.9	9.5	273.0	12.4	225.6		
09:30	275.1	7.0	273.4	9.3	280.0	12.4	225.4		
09:45	274.9	4.7	274.6	9.0	286.0	12.4	225.1		
10:00	264.5	3.2	274.8	8.8	293.0	12.4	224.9		
10:15	271.1	2.3	269.1	8.5	299.4	12.5	224.6		
10:30	275.6	2.5	264.4	8.0	285.0	12.5	224.4		
10:45	260.4	3.2	264.3	8.0	275.0	12.5	224.1		
11:00	255.7	3.8	260.3	8.0	265.0	12.5	223.9		
11:15	254.7	4.1	259.2	7.6	256.4	12.6	223.6		
11:30	259.2	1.4	252.4	5.5	249.2	12.6	223.4		
11:45	261.2	.5	230.2	7.0	244.1	12.6	223.1		
12:00	251.8	.9	240.7	7.5	240.0	12.6	222.9		
12:15	263.2	2.9	259.3	8.0	230.0	12.6	222.6		

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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	13.0	235.0				
00:15	13.3	233.0				
00:30	13.6	232.5				
00:45	12.3	233.7	12.7	231.7		
01:00	11.0	240.6				
01:15	11.0	245.0				
01:30	10.5	250.0				
01:45	10.0	255.0				
02:00	9.0	260.0				
02:15	8.0	265.0				
02:30	7.0	270.0				
02:45	6.7	274.3				
03:00	6.3	274.6				
03:15	6.1	261.4				
03:30	8.8	247.0				
03:45						
04:00						
04:15						
04:30						
04:45						
05:00						
05:15						
05:30						
05:45						
06:00						
06:15						
06:30						
06:45						
07:00						
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09:30						
09:45						
10:00						
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						
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16:00						
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18:15						
18:30						
18:45						
19:00						
19:15						
19:30						
19:45						
20:00						
20:15						
20:30						
20:45	12.3	275.1				
21:00	11.9	280.6				
21:15	12.9	282.8				
21:30	12.6	277.6	12.8	277.0		
21:45	11.5	274.8	13.4	275.7		
22:00	10.7	273.3	11.9	269.0		
22:15	10.6	271.3				
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	10.4	259.7	12.7	263.4		
Max	13.6	282.8	13.4	277.0		
Hr. of Max	02	85	87	86		
Min	6.1	232.5	11.9	231.7		
Count	22	22	4	4	0	0
Total						