

Daily Summary Report

Site: ORNL Sodar

2/1/2018

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	3.6	213.7	6.0	216.8	7.6	214.7	8.7	214.2	10.6
00:15	3.7	218.5	5.8	217.3	7.6	214.5	9.2	213.5	11.1
00:30	3.3	210.6	5.5	217.0	7.5	212.2	9.3	211.6	11.3
00:45	3.3	219.7	5.4	221.8	6.8	215.3	8.0	214.7	10.2
01:00	3.8	237.4	5.1	228.7	6.0	225.0	7.1	223.9	8.9
01:15	3.7	242.7	4.4	230.7	6.0	228.7	7.2	228.0	8.8
01:30	4.0	247.0	3.8	231.6	5.9	231.0	7.1	231.0	8.3
01:45	2.1	232.5	3.6	235.8	5.3	235.7	6.5	233.4	7.9
02:00	1.5	244.2	3.0	237.3	4.5	236.4	6.0	235.3	7.6
02:15	1.3	250.8	2.6	237.9	4.2	237.2	6.0	238.5	7.6
02:30	1.7	261.8	2.8	241.1	4.2	242.3	6.0	240.0	8.0
02:45	1.9	271.9	2.8	253.6	4.4	253.9	5.7	247.3	7.1
03:00	2.1	270.2	3.0	269.7	4.8	258.4	5.5	250.3	6.4
03:15	1.7	253.2	3.1	256.9	4.9	247.8	5.8	239.2	7.2
03:30	1.4	213.1	3.1	234.9	4.7	238.0	6.2	229.8	8.4
03:45	1.4	213.1	2.8	234.5	4.5	236.9	6.1	229.6	8.5
04:00	1.6	225.1	3.2	229.7	4.9	228.3	6.7	223.3	9.1
04:15	1.9	227.1	3.2	228.2	5.3	224.7	6.9	221.3	9.2
04:30	1.7	235.0	2.6	234.5	4.5	230.4	5.9	226.4	8.1
04:45	1.4	242.2	2.3	234.3	4.0	233.0	5.5	229.1	7.8
05:00	2.5	251.1	2.6	237.7	4.5	234.5	6.0	233.1	8.1
05:15	2.6	253.8	2.9	239.8	4.7	232.1	6.1	232.1	8.6
05:30	1.3	255.3	2.5	241.3	4.0	236.2	5.7	233.4	7.8
05:45	1.0	260.9	2.1	244.2	3.3	240.5	5.1	234.1	7.4
06:00	.8	270.0	1.7	243.3	2.9	242.7	4.5	231.6	7.0
06:15	.8	272.0	1.4	262.0	3.1	251.3	3.9	236.7	6.1
06:30	1.3	271.5	1.9	281.7	3.0	260.5	3.6	248.3	5.6
06:45	1.3	273.9	1.7	282.4	2.9	270.5	3.9	258.3	5.3
07:00	1.1	271.8	1.6	276.1	2.9	267.8	4.2	261.3	5.1
07:15	1.1	267.8	1.5	261.6	2.6	253.8	3.9	249.5	5.5
07:30	.7	252.3	1.3	254.1	2.2	249.1	3.9	242.3	6.1
07:45	.4	245.0	1.4	262.9	2.9	258.5	4.0	248.7	5.7
08:00	.4	240.0	1.1	256.2	3.0	260.4	3.8	251.3	5.0
08:15	.3	247.6	1.0	255.1	2.4	258.1	3.5	249.7	4.8
08:30	.1	274.9	1.1	268.5	2.8	258.0	3.6	247.8	5.0
08:45	.3	274.7	1.0	269.3	3.1	259.0	4.0	251.2	5.2
09:00	.9	274.0	1.5	271.2	2.9	261.9	3.8	252.4	5.3
09:15	.7	270.4	1.4	272.4	2.1	263.6	3.3	252.1	5.1
09:30	.2	302.1	.8	268.2	1.7	258.7	3.1	250.0	5.0
09:45	.5	289.0	1.3	264.0	2.4	258.6	3.4	247.6	5.1
10:00	.9	277.5	1.4	258.9	2.4	260.0	3.5	251.1	5.3
10:15	.8	284.8	1.4	245.1	2.6	250.0	4.0	243.1	6.3
10:30	.8	269.9	1.7	235.7	2.9	243.8	4.3	236.1	6.9
10:45	.6	266.3	1.5	234.0	2.5	240.7	4.0	236.3	6.8
11:00	.3	304.5	1.5	242.0	2.5	238.0	4.0	232.6	6.9
11:15	.3	307.9	1.5	252.8	2.4	242.6	3.7	232.7	6.5
11:30	.4	313.8	1.1	269.4	2.1	257.7	3.4	241.4	5.8
11:45	.7	293.5	1.1	276.0	2.2	259.5	3.5	243.8	5.7
12:00	1.1	278.8	1.4	264.6	2.4	256.1	3.6	243.3	5.6
12:15	.9	280.2	1.7	261.6	2.5	262.3	3.5	248.4	5.5

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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	212.9	12.4	214.0	15.3	213.9				
00:15	213.4	12.6	213.8	15.8	212.1				
00:30	209.2	13.4	210.2	16.7	208.8				
00:45	211.1	12.2	211.6	15.3	209.5				
01:00	218.2	10.3	217.3	13.6	214.4				
01:15	222.4	10.5	222.5	13.5	217.6				
01:30	230.7	10.7	227.6	13.7	216.8				
01:45	233.6	9.9	225.9	13.2	218.1	15.1	223.3		
02:00	230.3	10.2	226.2	12.6	224.2	16.1	226.2	17.9	227.0
02:15	231.4	10.6	228.9	12.6	224.6	14.6	224.0	17.0	224.2
02:30	228.9	10.7	224.5	13.7	222.4	15.0	223.1	15.9	224.5
02:45	231.5	10.1	222.7	13.8	221.9	15.4	223.2	15.8	226.2
03:00	236.1	8.9	224.8	13.1	220.8	15.6	220.8	17.4	221.4
03:15	228.5	9.9	222.5	14.3	218.8	15.9	223.5	18.6	223.6
03:30	220.7	10.9	217.5	14.0	216.9	16.1	231.4	17.5	232.6
03:45	219.4	11.2	215.4	14.0	217.7	14.8	221.0	15.8	225.0
04:00	215.7	11.5	214.3	14.0	214.6	15.5	219.0	16.5	224.0
04:15	215.9	11.4	210.9	14.1	214.7	16.8	216.6	17.0	223.0
04:30	219.7	10.7	213.1	13.5	216.5	16.9	214.2	17.5	223.0
04:45	220.5	10.4	216.4	13.3	220.3	15.0	221.2	17.9	222.0
05:00	222.1	10.5	216.0	13.8	220.6	14.6	222.2	16.8	219.0
05:15	220.4	10.8	213.7	14.0	216.0	14.8	224.0	16.8	224.0
05:30	222.7	9.9	214.7	14.1	216.6	14.9	225.0	17.0	228.3
05:45	225.4	9.4	216.7	13.4	220.9	15.5	224.0	17.0	228.0
06:00	225.7	9.3	218.2	13.2	221.4	16.3	222.4	16.8	228.0
06:15	229.2	8.9	221.0	14.0	221.7	16.0	220.0	16.8	227.0
06:30	233.0	9.1	223.0	14.3	219.6	15.3	218.0	16.8	227.0
06:45	239.6	8.9	225.4	14.1	221.9	14.1	218.2	16.8	226.0
07:00	243.7	8.0	231.4	14.0	223.7	13.6	221.5	16.5	226.0
07:15	238.2	8.6	225.2	13.5	222.0	15.1	225.6	16.5	225.0
07:30	231.3	9.2	219.7	12.7	221.0	14.5	219.7	16.3	225.0
07:45	229.4	8.5	222.4	13.2	223.7	14.7	219.6	16.3	224.0
08:00	229.1	8.6	223.7	12.9	221.5	14.5	221.0	16.0	224.0
08:15	232.8	9.0	223.2	12.6	218.6	14.3	223.0	16.0	224.0
08:30	234.9	8.4	222.4	13.2	220.4	14.1	224.5	16.0	223.0
08:45	233.3	8.3	221.7	12.7	218.4	15.9	222.9	16.0	223.0
09:00	235.0	8.5	223.5	12.9	215.3	16.8	214.1	15.8	223.0
09:15	234.1	8.1	225.1	12.9	215.9	14.7	219.0	15.5	223.0
09:30	233.6	7.9	223.5	12.4	218.4	14.7	227.9	15.5	222.0
09:45	234.6	7.9	224.4	12.4	217.6	13.0	230.7	15.8	222.0
10:00	232.8	8.0	227.1	11.8	218.5	13.5	223.5	15.5	222.0
10:15	228.3	9.0	223.9	12.1	219.3	15.4	220.3	15.5	222.0
10:30	223.7	9.7	219.9	12.6	217.4	14.5	219.0	15.5	222.0
10:45	223.0	9.3	219.0	11.9	216.1	13.6	218.5	15.2	221.9
11:00	222.8	9.0	217.4	11.5	214.9	12.7	218.4	15.4	221.2
11:15	224.1	8.4	218.7	10.0	216.7	11.7	218.1	14.7	219.9
11:30	226.4	7.6	223.5	9.0	220.9	10.9	219.0	13.3	224.0
11:45	224.6	7.5	223.7	9.5	222.7	10.3	221.7	13.1	224.2
12:00	223.8	7.6	220.7	9.2	221.5	11.4	223.6	14.1	217.3
12:15	226.3	7.4	222.2	9.4	219.2	10.9	227.7	14.4	217.2

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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						
01:30						
01:45						
02:00						
02:15	16.4	225.5				
02:30	16.9	231.2	16.6	225.8	17.4	231.2
02:45	16.3	232.4	16.4	224.7	17.1	229.7
03:00	15.3	226.6	17.1	225.2	16.9	221.1
03:15	17.3	222.8	17.0	225.0		
03:30	17.4	229.3	17.1	225.0		
03:45	16.3	230.0	17.1	226.0		
04:00	16.6	230.0	17.2	226.0		
04:15	17.0	229.0	17.3	226.0		
04:30	17.5	228.0	17.4	227.0		
04:45	18.0	227.1	17.5	227.7		
05:00	17.8	227.0				
05:15	17.7	227.0				
05:30	17.5	227.0				
05:45	17.4	227.0				
06:00	17.2	227.0				
06:15	17.1	227.0				
06:30	16.9	227.0				
06:45	16.8	227.0				
07:00	16.6	227.0				
07:15	16.5	227.0				
07:30	16.3	227.0				
07:45	16.2	227.0				
08:00	16.0	227.0				
08:15	15.9	227.0				
08:30	15.7	227.0				
08:45	15.6	227.0				
09:00	15.4	227.0				
09:15	15.3	227.0				
09:30	15.1	227.0				
09:45	15.0	227.0				
10:00	14.8	227.0				
10:15	14.7	227.0				
10:30	14.5	227.0				
10:45	14.4	227.0				
11:00	14.2	227.0				
11:15	14.1	227.0				
11:30	14.6	227.7				
11:45	15.9	222.0				
12:00	15.5	223.6				
12:15	15.0	222.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	14.5	221.0				
12:45	14.2	220.9				
13:00	14.7	218.1				
13:15	14.0	216.1				
13:30	12.9	222.1				
13:45	13.7	227.6				
14:00	15.2	224.2				
14:15	14.9	227.7				
14:30	13.8	233.4				
14:45	15.6	233.5				
15:00	17.9	233.0				
15:15	16.5	228.0				
15:30	15.3	222.3				
15:45	15.0	217.0				
16:00						
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						
17:45						
18:00						
18:15						
18:30						
18:45						
19:00						
19:15						
19:30	9.0	332.0				
19:45	11.0	328.0				
20:00	12.4	323.1	12.3	313.9		
20:15	12.5	323.0	13.3	318.6	14.1	318.6
20:30	13.2	324.5	13.7	322.4	14.0	317.2
20:45	13.0	326.2	12.5	322.1	12.9	315.6
21:00						
21:15						
21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	15.4	236.2	15.9	252.5	15.4	272.2
Max	18.0	332.0	17.5	322.4	17.4	318.6
Hr. of Max	19	78	19	82	10	81
Min	9.0	216.1	12.3	224.7	12.9	221.1
Count	61	61	14	14	6	6
Total						