

Daily Summary Report

Site: ORNL Sodar

5/27/2017

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	.2	292.6	1.9	226.2	3.2	222.2	4.9	217.0	6.4
00:15	.4	210.0	1.5	224.4	3.2	219.7	4.7	217.0	6.0
00:30	.7	209.2	1.9	215.3	3.7	220.4	4.8	214.0	6.6
00:45	1.0	196.2	2.6	214.8	4.2	222.6	5.5	218.3	7.3
01:00	1.3	212.0	3.1	217.6	4.9	222.3	6.3	222.5	7.9
01:15	1.6	219.9	3.3	218.8	4.8	220.7	6.2	221.9	8.2
01:30	1.2	221.8	2.7	220.6	4.1	216.3	5.8	218.1	8.6
01:45	1.5	237.4	2.8	222.8	4.4	216.6	6.3	218.7	9.0
02:00	1.9	218.3	3.7	220.9	5.7	220.2	7.3	220.4	9.8
02:15	2.8	227.0	4.0	220.2	6.3	220.5	7.7	220.1	10.3
02:30	3.1	227.1	4.4	222.2	6.5	221.6	8.2	220.6	10.7
02:45	3.0	227.0	5.0	223.4	6.8	220.4	8.4	219.9	11.0
03:00	3.3	226.0	5.2	224.3	7.1	219.2	8.3	217.1	10.6
03:15	3.3	228.0	5.6	225.5	7.4	220.5	8.8	216.8	10.8
03:30	3.3	227.0	5.5	227.1	7.2	220.8	8.9	217.2	11.5
03:45	3.0	228.0	5.0	225.1	6.5	219.0	8.6	216.9	11.4
04:00	3.0	223.3	5.0	224.6	6.2	218.9	8.3	216.8	11.2
04:15	3.0	229.5	4.3	229.9	5.8	223.9	7.6	218.6	10.4
04:30	1.8	222.1	3.0	234.8	4.7	232.2	6.2	224.4	8.8
04:45	1.0	268.0	2.1	271.8	3.5	245.2	4.7	234.2	7.1
05:00	.4	200.0	1.6	286.0	2.8	252.2	3.8	240.0	6.1
05:15	.3	240.0	1.6	275.9	2.7	251.1	3.6	240.0	5.7
05:30	.2	281.6	1.8	262.8	2.7	249.8	3.6	237.6	5.6
05:45	.2	267.6	1.7	261.7	2.4	246.6	3.5	235.9	5.6
06:00	.4	269.3	1.9	272.2	2.3	252.6	3.4	242.3	5.3
06:15	.5	279.1	1.6	271.9	2.4	255.3	3.3	243.0	5.3
06:30	.7	280.4	1.3	271.2	2.2	254.0	2.9	238.4	5.4
06:45	.3	315.0	1.3	277.7	2.0	260.0	2.8	242.6	5.2
07:00	.4	302.0	1.1	283.8	2.4	263.2	3.2	248.2	5.2
07:15	.0	317.5	1.3	269.8	2.7	254.4	3.9	242.5	5.7
07:30	.4	278.0	1.9	263.8	2.8	249.0	4.0	239.7	6.1
07:45	3.0	271.0	2.2	266.0	2.8	251.2	4.1	243.1	6.0
08:00	2.9	267.0	2.0	268.8	2.8	255.6	4.2	245.8	6.0
08:15	1.5	260.7	2.2	271.0	3.0	259.6	4.1	248.6	6.0
08:30	2.6	266.7	2.6	274.3	3.4	260.2	4.6	250.9	6.5
08:45	3.2	266.4	2.5	274.1	3.4	257.2	4.8	249.8	6.8
09:00	.6	221.9	2.0	262.6	3.0	247.3	4.6	241.3	7.0
09:15	.7	225.7	1.9	245.8	2.9	233.6	4.4	230.9	6.7
09:30	1.0	219.9	2.0	241.6	2.6	226.1	3.5	226.7	5.6
09:45	1.1	216.7	2.1	234.1	2.7	223.7	3.4	224.8	5.1
10:00	1.0	218.4	2.0	229.1	3.0	227.0	4.2	226.8	5.5
10:15	.4	294.2	1.5	230.8	2.5	221.7	4.1	225.4	5.5
10:30	.6	346.2	1.3	206.5	2.4	205.2	3.5	207.8	5.1
10:45	.2	311.0	2.0	215.2	3.0	213.4	3.5	212.2	5.0
11:00	.5	253.1	1.8	229.2	3.0	222.8	3.4	222.5	4.5
11:15	.9	240.6	1.4	228.9	2.5	223.9	2.8	223.9	3.6
11:30	.7	231.6	1.5	236.5	2.2	231.3	2.7	226.4	2.9
11:45	.6	215.6	1.3	247.2	2.0	231.2	2.5	221.5	2.8
12:00	1.3	209.7	2.6	235.4	3.4	222.7	3.8	225.3	3.6
12:15	1.5	217.1	3.8	244.6	3.8	231.4	4.2	232.9	3.9

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	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	201.5	7.5	183.4	10.9	179.6	11.3	181.6		
00:15	195.7	7.8	181.5	9.5	179.1	11.8	181.6		
00:30	194.3	9.4	181.5	10.2	180.4	12.1	178.5		
00:45	195.3	9.8	186.1	10.8	179.1	12.2	178.0		
01:00	209.0	9.7	194.3	10.4	181.0	12.2	178.0		
01:15	218.6	9.2	192.7	10.1	182.1	12.3	178.0		
01:30	220.2	9.4	195.9	11.4	183.3	12.4	177.6		
01:45	220.4	11.0	206.9	11.3	186.3	12.6	190.0		
02:00	221.5	13.1	219.0	11.6	197.6	13.0	205.0		
02:15	220.8	13.3	220.4	12.1	212.2	13.4	218.0		
02:30	220.2	12.6	214.9	13.0	222.2	13.4	222.0		
02:45	219.3	12.7	214.2	12.2	216.5	13.0	222.6	13.7	221.8
03:00	216.8	13.1	216.4	12.6	215.0	12.2	214.4	13.0	218.0
03:15	213.9	13.2	218.2	12.9	217.0	12.2	212.0	12.0	215.0
03:30	213.7	12.3	213.2	13.3	218.1	12.2	210.0	11.0	212.0
03:45	214.2	12.8	212.7	13.3	215.8	12.3	207.6	10.9	209.4
04:00	213.9	13.8	211.8	13.6	217.8	13.3	212.8	11.3	211.0
04:15	213.9	12.9	211.6	13.0	217.9	13.7	215.0	12.0	213.0
04:30	217.1	11.1	214.2	13.6	219.0	14.0	218.4	13.0	215.0
04:45	223.7	9.5	217.9	14.1	218.4	14.1	220.5	13.2	218.4
05:00	225.8	8.8	219.1	13.7	216.7	13.4	220.4	13.9	222.0
05:15	224.2	8.5	218.7	13.5	216.4	13.0	220.6	14.0	222.0
05:30	221.7	8.5	216.9	13.7	216.3	13.0	219.0	14.0	221.0
05:45	221.7	8.7	217.1	13.3	215.3	12.8	217.0	14.3	221.0
06:00	226.9	8.3	220.1	12.3	213.7	12.5	214.4	14.3	220.0
06:15	228.7	8.3	219.1	12.2	211.9	12.9	204.0	14.5	220.0
06:30	227.1	8.5	218.8	12.7	210.9	13.0	206.0	14.5	219.0
06:45	231.1	7.8	222.0	12.3	210.0	13.0	208.0	14.8	218.0
07:00	236.2	7.6	222.5	12.9	211.9	13.3	210.0	15.0	218.0
07:15	232.8	8.3	220.0	13.6	214.6	13.5	212.0	15.3	218.0
07:30	228.4	8.8	219.7	13.7	215.4	13.8	217.0	15.5	217.0
07:45	228.0	8.8	220.0	13.6	214.7	14.0	219.0	15.8	217.0
08:00	230.2	8.7	222.2	13.3	216.8	14.0	221.8	15.9	216.6
08:15	234.8	8.8	226.9	12.9	221.1	14.8	220.3	15.5	218.0
08:30	238.1	9.1	230.1	13.3	226.3	15.3	222.0	14.3	222.5
08:45	237.1	9.3	230.6	14.1	228.5	13.2	229.2	13.8	223.0
09:00	232.9	9.4	228.5	14.1	227.0	12.0	232.0	13.7	227.0
09:15	227.3	9.1	226.9	13.5	226.4	11.3	235.0	13.7	231.0
09:30	226.3	8.0	227.2	11.9	228.5	10.7	238.1	13.6	234.0
09:45	226.2	6.8	226.6	9.8	229.1	11.7	235.5	13.5	238.0
10:00	227.3	6.8	229.3	8.8	231.4	11.7	237.0	13.4	241.8
10:15	231.0	7.0	232.0	8.8	235.3	11.1	240.8	13.0	242.1
10:30	220.0	6.5	223.0	8.0	233.9	10.7	243.5	12.2	244.8
10:45	218.6	6.0	221.9	7.3	236.6	10.1	247.3	12.2	246.9
11:00	225.0	5.4	227.8	6.5	238.2	9.0	247.1	11.2	249.4
11:15	226.1	4.7	230.6	5.3	237.6	7.3	243.2	9.5	251.0
11:30	227.4	4.5	238.2	5.8	244.3	7.1	246.3	9.2	250.5
11:45	221.9	4.2	234.9	5.8	240.6	7.1	246.5	9.9	247.5
12:00	222.1	5.0	230.6	5.8	232.0	6.8	243.3	9.3	245.8
12:15	229.6	5.9	240.0	6.9	239.7	7.3	243.3	8.8	241.1

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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						
02:30						
02:45						
03:00						
03:15						
03:30						
03:45	12.4	200.7				
04:00	12.5	202.0				
04:15	12.6	203.0				
04:30	12.7	205.0				
04:45	12.8	206.0				
05:00	12.9	207.0				
05:15	13.0	208.0				
05:30	13.2	209.0				
05:45	13.3	210.0				
06:00	13.4	211.0				
06:15	13.5	212.0				
06:30	13.6	213.0				
06:45	13.8	214.0				
07:00	14.0	215.0				
07:15	14.2	216.0				
07:30	14.4	217.0				
07:45	14.6	218.0				
08:00	14.8	219.0				
08:15	15.0	221.0				
08:30	15.2	222.7	16.4	213.4	16.0	220.2
08:45	14.8	225.0	16.0	215.0	15.8	221.0
09:00	14.5	227.5	15.7	217.0	15.8	222.0
09:15	14.3	230.0	15.3	219.0	15.6	223.0
09:30	14.0	232.5	15.0	222.0	15.4	224.0
09:45	13.8	235.0	14.7	224.0	15.4	225.0
10:00	13.5	237.5	14.3	226.0	15.2	225.0
10:15	13.3	240.0	14.0	228.0	15.0	226.0
10:30	13.0	242.5	13.7	229.0	14.8	227.0
10:45	12.8	245.0	13.3	231.0	14.6	228.0
11:00	12.5	245.0	13.0	233.0	14.4	229.0
11:15	12.3	247.9	13.0	235.0	14.2	230.0
11:30	12.4	249.0	12.8	236.0	14.0	230.0
11:45	12.2	245.7	12.5	238.0	13.8	231.0
12:00	11.7	243.3	12.2	239.4	13.6	231.0
12:15	10.8	244.9	11.8	242.3	13.4	232.0

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	9.7	240.2	11.8	244.3	13.2	232.0
12:45	9.3	233.4	11.6	242.2	13.0	233.0
13:00	8.4	235.0	9.3	239.8	12.8	233.0
13:15	8.1	235.2	9.6	237.1	12.6	234.0
13:30	10.4	230.6	11.2	228.7	12.4	234.0
13:45	12.7	231.7	10.3	225.0	12.2	235.0
14:00	9.0	214.0	9.0	223.2	12.0	235.0
14:15	9.8	224.3	9.4	227.2	11.8	235.0
14:30	10.1	236.0	9.2	226.8	11.6	235.7
14:45	9.9	240.9				
15:00	10.0	238.0				
15:15	10.5	236.0				
15:30	11.0	235.0				
15:45	11.5	233.0				
16:00	12.0	231.1				
16:15	10.6	226.1				
16:30	10.5	226.0				
16:45	10.5	225.0				
17:00	10.3	225.0				
17:15	10.3	225.0				
17:30	10.0	224.0				
17:45	9.8	224.0				
18:00	9.5	224.0				
18:15	9.3	224.0				
18:30	9.3	224.0				
18:45	9.1	223.8				
19:00	10.3	229.4				
19:15	10.0	232.0				
19:30	9.8	235.0				
19:45	9.5	239.0				
20:00	9.3	242.0				
20:15	9.0	245.0				
20:30	8.8	248.0				
20:45	8.5	251.0				
21:00	8.3	254.0				
21:15	8.0	257.0				
21:30	7.8	260.0				
21:45	7.5	265.0				
22:00	7.3	268.0				
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	11.4	229.9	12.6	229.7	13.9	229.2
Max	15.2	268.0	16.4	244.3	16.0	235.7
Hr. of Max	34	88	34	50	34	58
Min	7.3	200.7	9.0	213.4	11.6	220.2
Count	74	74	25	25	25	25
Total						