

Daily Summary Report

Site: ORNL Sodar

3/30/2018

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	.9	263.9	.7	235.0	1.7	224.8	2.1	223.8	1.8
00:15	.7	232.4	1.4	212.8	2.8	224.0	3.8	215.1	4.4
00:30	.9	209.9	1.9	203.8	3.8	215.3	5.8	209.8	7.9
00:45	1.0	210.7	2.2	207.0	4.0	210.3	6.0	211.2	7.9
01:00	1.5	204.6	2.9	210.7	4.7	212.0	6.5	212.5	7.9
01:15	1.5	205.2	3.2	206.7	5.3	205.8	7.1	205.4	8.9
01:30	.7	225.6	2.5	218.2	4.6	209.9	6.7	208.1	9.7
01:45	.6	220.8	2.0	226.0	3.4	217.8	5.0	216.6	7.8
02:00	.6	230.3	1.5	212.3	2.5	224.8	3.3	231.5	4.4
02:15	.8	238.5	1.7	209.6	3.3	220.2	4.1	219.1	4.8
02:30	1.0	235.9	1.8	213.2	3.3	206.5	4.3	203.6	6.5
02:45	.6	248.2	.9	217.4	1.9	212.4	2.2	215.1	3.7
03:00	.5	229.7	.8	223.4	1.8	218.8	2.6	213.7	4.7
03:15	.7	222.8	1.0	223.5	1.9	216.7	3.3	206.5	5.5
03:30	.8	212.2	1.3	215.6	2.1	217.0	2.9	215.4	3.8
03:45	.6	229.1	1.3	212.9	2.3	219.9	3.1	220.9	4.0
04:00	.8	243.8	1.4	203.1	2.9	212.9	4.3	211.9	6.5
04:15	.8	222.5	1.8	199.2	3.3	211.6	4.8	208.5	7.6
04:30	.4	262.1	1.2	193.9	2.5	217.5	3.3	219.9	5.6
04:45	.6	270.7	1.0	205.6	2.4	217.8	2.7	227.9	5.1
05:00	.6	298.1	1.3	219.2	2.5	222.7	2.6	224.9	5.3
05:15	.7	328.5	1.4	227.1	2.7	232.8	3.6	231.2	5.3
05:30	.7	274.4	2.0	233.9	3.7	231.9	5.2	224.0	7.0
05:45	.7	278.7	1.7	232.6	2.9	231.5	3.6	225.6	4.9
06:00	.8	302.2	1.0	255.0	1.6	265.2	1.8	265.2	1.6
06:15	.5	270.7	1.0	269.3	1.8	281.0	2.3	274.9	1.8
06:30	.5	253.5	.6	251.3	2.0	274.5	3.0	272.8	1.2
06:45	.6	251.5	.9	242.0	2.1	271.1	2.6	272.0	.9
07:00	.4	232.7	.9	253.8	1.8	274.3	2.1	275.1	1.0
07:15	.2	263.2	.6	272.0	1.4	290.4	1.6	290.2	1.2
07:30	.2	296.0	.7	268.2	1.2	292.8	1.6	292.3	1.6
07:45	.2	294.2	.8	267.1	1.2	293.2	1.7	296.2	1.3
08:00	.1	311.8	.7	278.9	1.4	309.4	1.7	311.2	1.1
08:15	.3	332.0	.9	278.6	1.6	312.4	2.5	300.7	2.2
08:30	.4	329.2	.7	282.2	1.3	293.0	1.7	290.8	1.6
08:45	.3	333.5	.5	278.8	1.3	288.9	1.3	294.0	1.0
09:00	.4	342.3	.8	272.0	1.0	294.7	1.0	299.3	.8
09:15	.5	312.3	1.1	274.0	1.2	290.6	1.1	288.3	.9
09:30	.5	290.0	1.8	271.5	2.2	287.6	1.7	284.2	1.0
09:45	.7	272.5	2.7	274.1	3.0	280.4	2.6	282.0	1.6
10:00	.9	263.8	2.5	277.7	2.5	275.6	2.7	279.3	1.8
10:15	1.8	264.9	2.4	278.9	3.2	275.1	4.1	278.7	2.8
10:30	3.0	268.3	3.7	277.8	5.2	278.5	6.1	278.9	5.2
10:45	3.8	273.8	4.3	278.5	5.2	277.6	5.9	274.8	5.4
11:00	4.0	272.6	4.2	277.0	4.6	268.7	4.9	268.5	5.0
11:15	3.0	271.5	4.1	280.0	5.1	272.8	5.3	274.5	4.9
11:30	2.6	290.2	4.4	287.3	5.6	279.2	5.6	279.3	4.8
11:45	2.0	313.3	3.0	306.3	3.5	306.4	3.4	298.6	3.3
12:00	.9	296.6	1.8	311.4	2.7	325.4	3.0	316.3	2.9
12:15	.8	284.8	1.8	307.5	2.5	317.7	3.1	315.7	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	240.7	1.9	216.6	12.0	221.0	14.0	223.0	16.0	223.3
00:15	223.5	5.6	217.2	12.0	223.0	14.1	225.0	16.1	222.8
00:30	208.8	9.4	214.7	11.9	225.8	14.1	226.3	16.2	222.3
00:45	207.7	10.5	213.2	12.3	226.1	14.3	223.8	15.3	224.6
01:00	208.7	10.6	214.7	13.1	220.9	15.2	220.4	15.0	225.0
01:15	202.4	10.5	209.5	13.6	219.6	14.9	220.7	15.0	226.0
01:30	198.4	10.3	206.0	14.2	220.9	15.4	223.3	15.0	227.0
01:45	202.0	9.0	206.1	13.6	223.7	16.6	226.4	15.0	228.0
02:00	223.1	7.5	221.8	12.5	228.5	14.2	229.1	15.0	229.0
02:15	224.3	8.1	222.4	12.2	230.0	13.7	230.2	15.0	230.0
02:30	202.6	8.7	211.2	12.0	226.0	14.0	232.6	15.0	230.0
02:45	215.2	8.0	210.0	12.6	224.4	14.1	230.0	15.0	231.0
03:00	208.1	8.2	210.2	12.3	223.2	14.1	227.0	15.0	232.0
03:15	199.2	8.7	205.6	11.7	222.5	14.2	223.7	14.6	233.4
03:30	203.1	7.7	205.2	11.4	223.8	13.6	226.7	15.4	231.3
03:45	212.0	7.9	216.1	11.8	227.2	13.8	229.3	15.3	232.8
04:00	211.8	9.3	223.9	11.9	229.6	14.1	234.0	14.9	236.3
04:15	201.0	9.5	219.7	11.8	228.4	13.0	237.1	14.0	236.2
04:30	207.6	8.6	214.8	11.8	232.1	13.3	232.3	14.2	231.6
04:45	220.3	8.7	218.4	12.6	229.6	14.8	231.0	14.5	231.0
05:00	210.1	8.7	226.3	13.2	226.4	15.0	231.9	15.0	230.0
05:15	221.0	9.1	230.2	12.9	230.9	14.7	222.0	15.5	229.0
05:30	224.1	9.7	225.9	13.8	231.7	15.6	220.9	15.8	228.6
05:45	226.5	8.4	215.7	13.0	230.0	15.3	222.7	15.0	233.0
06:00	256.8	.9	265.5			14.5	230.0	14.0	237.0
06:15	283.9	.7	342.3	1.8	9.0	14.0	245.0	13.5	242.0
06:30	284.7	1.5	285.0			13.5	260.0	13.0	248.0
06:45	282.2	.5	6.5			13.0	270.0	12.5	254.0
07:00	299.2	1.0	323.3			12.5	280.0	12.0	260.0
07:15	315.5	2.6	304.6			12.0	290.0	11.5	270.0
07:30	305.1	4.0	305.5	10.2	303.6	12.0	301.8	11.0	283.0
07:45	303.8	2.2	321.1	8.7	306.7	11.1	300.3	10.1	296.1
08:00	320.3	2.0	352.5	8.2	321.8	11.7	303.7	10.0	297.0
08:15	297.2	3.8	312.7	10.2	315.7	11.4	310.2	10.0	298.0
08:30	300.5	2.8	300.9	8.5	303.9	10.5	295.0	10.0	299.0
08:45	319.4	1.0	314.4	7.9	284.5	9.6	280.4	10.0	300.0
09:00	309.9	.9	305.4	6.7	279.8	9.0	285.0	10.0	301.0
09:15	288.3	.6	308.8	6.0	286.0	8.5	290.0	9.8	303.0
09:30	282.2	.9	292.8	6.0	292.0	7.8	296.3	9.8	304.0
09:45	284.6	2.0	288.5	6.5	293.3	8.0	299.8	9.5	306.0
10:00	285.3	2.0	290.1	6.7	287.8	8.1	301.7	9.3	307.5
10:15	284.2	3.6	283.5	7.2	292.0	8.2	302.0	10.0	310.0
10:30	279.1	6.0	279.3	7.6	296.5	8.3	303.0	10.5	313.0
10:45	275.9	6.4	275.2	6.9	282.6	8.3	304.0	11.0	317.0
11:00	274.0	5.9	272.9	7.0	260.4	8.0	292.0	11.4	321.1
11:15	282.2	5.3	282.5	6.2	279.0	8.5	292.0	10.8	314.5
11:30	283.2	5.1	292.4	6.5	302.3	6.0	293.5	11.2	315.0
11:45	294.3	3.7	307.2	6.6	313.6	7.0	298.0	11.5	317.0
12:00	312.5	3.1	305.8	6.9	312.4	8.0	304.0	12.0	318.0
12:15	312.4	3.6	302.6	8.4	320.2	9.0	310.0	12.5	319.0

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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	14.5	227.2	15.6	228.0	14.4	231.0
00:15	14.6	227.2	15.5	228.0	14.4	231.0
00:30	14.6	227.2	15.5	228.0	14.4	231.0
00:45	14.7	227.2	15.4	228.0	14.4	231.0
01:00	14.7	227.2	15.4	228.0	14.5	231.0
01:15	14.7	227.2	15.4	228.0	14.5	231.0
01:30	14.8	227.2	15.3	228.0	14.5	231.0
01:45	14.8	227.2	15.3	228.0	14.5	231.0
02:00	14.8	227.2	15.2	228.0	14.6	231.0
02:15	14.9	227.2	15.2	228.0	14.6	231.0
02:30	14.9	227.2	15.2	228.0	14.6	231.0
02:45	15.0	227.2	15.1	228.0	14.6	231.0
03:00	15.0	227.2	15.1	228.0	14.6	231.0
03:15	15.0	227.3	14.6	228.7	14.7	231.0
03:30	17.3	229.2	14.8	229.0	14.7	231.0
03:45	16.3	235.0	15.0	229.0	14.7	231.0
04:00	14.3	235.0	15.3	230.3	15.0	232.3
04:15	12.9	235.4	14.9	230.2	14.7	234.0
04:30	14.7	226.4	15.0	227.0		
04:45						
05:00						
05:15						
05:30						
05:45						
06:00						
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07:45						
08:00						
08:15						
08:30						
08:45						
09:00						
09:15						
09:30						
09:45						
10:00	11.2	312.5	12.2	313.7		
10:15	11.0	313.0	11.5	309.0		
10:30	11.0	313.0	12.0	312.0		
10:45	11.0	313.0	12.3	315.0		
11:00	10.8	312.1	12.7	319.7	11.9	310.2
11:15	11.5	318.0	13.8	322.4	12.3	311.9
11:30	11.8	317.0				
11:45	12.0	317.0				
12:00	12.0	317.0				
12:15	12.0	317.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	12.3	317.0				
12:45	12.3	317.0				
13:00	12.5	317.0				
13:15	12.5	317.0				
13:30	12.8	317.0				
13:45	13.0	317.0				
14:00	13.0	317.0				
14:15	13.0	317.0				
14:30	13.0	317.0				
14:45	13.3	316.3				
15:00	11.7	314.9				
15:15	11.5	312.0				
15:30	11.3	309.0				
15:45	11.0	308.0				
16:00	10.8	306.0				
16:15	10.5	305.0				
16:30	10.0	304.0				
16:45	9.6	303.5				
17:00	12.2	304.4				
17:15	11.7	309.8				
17:30	11.3	310.7				
17:45						
18:00						
18:15						
18:30						
18:45						
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22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	12.9	281.0	14.5	249.2	14.3	239.2
Max	17.3	318.0	15.6	322.4	15.0	311.9
Hr. of Max	14	45	00	45	16	45
Min	9.6	226.4	11.5	227.0	11.9	231.0
Count	50	50	25	25	20	20
Total						