

Daily Summary Report

Site: ORNL Sodar

5/29/2017

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	.3	154.9	1.0	255.6	2.9	256.4	3.9	262.9	.2
00:15	.3	214.1	.6	246.2	2.2	255.5	3.7	262.9	.2
00:30	.3	263.8	.9	251.3	1.6	259.4	3.4	264.6	1.0
00:45	.2	268.9	.9	261.4	1.3	264.3	2.8	265.9	1.2
01:00	.4	262.4	.9	271.4	1.0	270.7	1.6	263.7	.4
01:15	.4	278.8	1.1	269.7	1.1	272.6	1.4	267.1	.5
01:30	.3	300.1	1.4	274.1	1.7	271.3	1.7	274.2	.3
01:45	.2	322.5	1.4	283.5	2.0	275.3	2.1	280.2	.2
02:00	.2	319.8	1.4	287.0	2.4	279.6	2.4	280.8	.2
02:15	.2	248.6	1.3	288.0	2.7	285.2	1.9	282.3	.1
02:30	.3	200.0	1.5	286.3	2.7	287.4	1.2	290.3	.2
02:45	.2	358.2	2.0	288.1	2.5	287.5	.9	292.4	.2
03:00	.1	202.2	2.1	291.2	2.6	291.3	.7	300.0	.1
03:15	.2	203.0	1.7	286.0	2.7	287.2	1.3	289.1	.1
03:30	.2	202.7	1.4	279.4	2.8	286.5	3.1	289.5	.2
03:45	.5	253.5	1.6	279.6	3.4	290.6	4.4	291.3	.2
04:00	.7	255.2	1.8	279.2	3.8	288.8	5.4	291.2	1.8
04:15	1.7	262.0	2.7	277.1	4.7	284.2	6.3	286.2	5.1
04:30	2.3	263.4	4.3	275.2	5.9	280.8	6.9	282.2	7.5
04:45	2.6	265.3	4.5	276.0	6.0	281.8	6.9	284.5	7.7
05:00	2.4	266.7	3.9	274.0	5.5	282.7	6.5	283.6	6.8
05:15	1.8	264.5	3.1	275.4	4.8	281.4	5.6	284.2	5.3
05:30	1.4	261.2	2.7	275.7	4.1	277.9	4.9	282.9	5.4
05:45	.7	252.7	2.3	267.6	3.4	272.5	4.3	279.3	5.0
06:00	.2	158.7	2.1	266.7	3.1	273.2	3.6	280.9	4.0
06:15	.6	242.3	2.2	265.4	3.2	268.9	3.6	276.8	3.8
06:30	1.5	260.5	2.1	262.4	3.3	266.3	3.6	274.1	3.9
06:45	1.8	264.1	2.9	265.9	3.5	268.8	3.9	272.8	4.0
07:00	2.1	264.9	3.3	267.9	3.6	269.0	4.1	272.6	4.0
07:15	1.5	261.6	2.4	273.7	3.3	273.1	3.3	278.4	3.6
07:30	.6	247.6	1.9	276.3	2.6	276.8	2.9	279.1	3.6
07:45	.3	247.5	2.4	265.5	3.1	272.1	3.6	276.0	4.2
08:00	.5	249.8	2.7	258.0	3.7	267.3	4.2	271.9	4.9
08:15	.5	272.2	2.8	250.9	3.2	258.0	3.7	265.7	4.7
08:30	.5	304.2	2.4	242.3	2.7	244.9	2.9	256.5	3.8
08:45	.5	290.1	1.9	235.1	2.5	237.1	2.6	247.3	3.0
09:00	.5	241.6	1.9	234.2	2.1	234.4	2.4	243.4	2.6
09:15	1.1	264.6	2.3	258.2	2.6	257.0	2.9	261.5	2.8
09:30	1.8	270.8	2.5	269.8	2.8	263.6	2.8	268.5	2.8
09:45	1.4	279.1	2.3	270.6	2.4	268.4	2.3	276.3	2.5
10:00	.8	272.2	1.6	267.3	2.0	273.4	2.0	279.3	1.9
10:15	.9	221.7	1.3	229.4	1.0	236.7	1.0	248.9	.8
10:30	1.0	221.0	1.7	210.4	1.7	213.2	1.6	217.8	1.0
10:45	.8	212.9	1.4	207.5	1.6	206.4	1.6	207.4	.8
11:00	.7	196.9	.8	214.9	1.1	189.9	1.0	188.5	.8
11:15	.8	200.8	1.0	223.1	1.6	206.3	2.0	204.0	1.6
11:30	.8	210.1	2.1	227.9	2.7	214.6	3.2	208.9	2.6
11:45	1.3	218.8	3.1	232.0	3.2	219.5	3.4	216.6	2.9
12:00	1.6	208.5	2.5	223.0	3.2	218.2	3.4	219.2	3.0
12:15	1.9	198.2	1.3	213.7	2.4	217.4	2.4	221.3	1.8

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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	249.4	.5	176.7	.6	120.0				
00:15	248.5	.2	255.7	.6	135.0				
00:30	257.5	.2	278.5	.7	148.7				
00:45	255.0	.2	204.6						
01:00	226.4	.3	222.4						
01:15	221.1	.2	206.2						
01:30	253.2	.0	189.8						
01:45	306.5	.1	120.3						
02:00	191.9	.4	154.1						
02:15	117.1	.2	237.5						
02:30	31.1	.3	299.8						
02:45	35.0	.2	209.0						
03:00	128.4	.8	187.5						
03:15	138.0	.5	193.4						
03:30	2.9	.4	201.5						
03:45	286.9	2.0	220.0						
04:00	286.3	3.0	240.0						
04:15	280.2	5.0	265.0						
04:30	279.8	6.3	291.7						
04:45	282.1	8.7	278.2						
05:00	279.4	8.6	275.1						
05:15	283.1	6.8	287.7						
05:30	285.1	6.2	288.4						
05:45	281.5	6.0	286.6						
06:00	283.0	5.5	294.3	8.7	313.6	13.8	322.6	13.8	327.6
06:15	281.7	4.7	289.7	7.9	308.5	13.3	323.0	14.0	325.0
06:30	278.3	4.4	283.0	8.3	308.4	13.8	323.0	15.0	322.0
06:45	277.0	4.6	282.5	9.2	314.9	12.5	323.8	15.2	319.2
07:00	273.8	4.4	275.2	8.5	308.0	12.0	330.6	14.3	321.8
07:15	276.5	4.1	279.1	7.0	306.0	11.1	331.7	13.0	324.5
07:30	281.2	4.8	288.6	7.7	314.4	11.4	328.5	12.3	327.9
07:45	283.3	5.3	288.9	7.0	313.4	13.0	326.0	11.0	326.0
08:00	280.5	5.5	288.4	5.2	302.0	6.2	311.0	9.0	325.0
08:15	275.5	5.4	286.0	4.8	301.2	5.1	317.1	7.0	324.0
08:30	274.0	4.7	280.3	4.7	303.8	4.4	314.3	5.0	322.0
08:45	269.5	4.1	276.3	4.4	298.1	3.4	308.2	4.9	321.8
09:00	253.2	3.3	269.5	4.1	287.0	3.3	302.4	3.6	325.6
09:15	258.8	3.3	266.2	3.9	281.2	3.0	309.3	2.4	340.8
09:30	277.2	2.9	276.7	3.3	284.0	1.8	325.4	2.0	355.0
09:45	285.3	2.3	282.3	2.3	275.4	.8	318.1	1.1	18.2
10:00	281.1	1.5	283.2	1.3	258.9	.9	304.1	.3	318.6
10:15	254.7	.4	282.5	.2	275.0	.9	330.5	.5	152.1
10:30	234.0	.6	244.1	.3	100.3	.8	48.0	1.0	126.8
10:45	203.9	.7	225.0	.1	325.7	1.2	73.0	2.0	140.0
11:00	180.1	.6	195.6	.5	126.3	2.4	112.5	3.5	151.0
11:15	204.4	1.5	198.7	2.1	181.8	3.6	165.5	4.3	162.8
11:30	201.1	2.5	200.1	3.9	201.7	3.7	200.7	4.2	191.4
11:45	214.1	3.3	211.7	4.4	207.3	4.2	209.4	5.4	200.2
12:00	226.5	3.1	227.8	3.6	224.8	3.8	216.3	5.9	210.8
12:15	224.5	1.9	238.0	2.8	244.7	4.0	217.5	5.0	225.5

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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						
04:00						
04:15						
04:30						
04:45						
05:00						
05:15						
05:30						
05:45						
06:00	14.7	320.1				
06:15	14.0	320.0				
06:30	13.0	320.0				
06:45	12.0	320.0				
07:00	11.0	320.0				
07:15	10.0	320.0				
07:30	9.0	320.0				
07:45	8.5	320.0				
08:00	7.5	320.0				
08:15	7.0	320.0				
08:30	6.5	320.0				
08:45	6.0	319.4				
09:00	4.6	327.8				
09:15						
09:30						
09:45						
10:00	.4	89.4				
10:15	.8	99.3				
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00	7.0	205.3				
12:15	5.7	203.1				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	6.0	204.0				
12:45	6.3	206.0				
13:00	6.5	207.0				
13:15	6.8	208.0				
13:30	7.0	210.0				
13:45	7.3	211.0				
14:00	7.5	212.0				
14:15	7.5	213.0				
14:30	7.8	214.0				
14:45	7.8	215.0				
15:00	8.0	216.0				
15:15	8.2	217.6	9.2	222.5		
15:30	6.7	209.0	7.3	215.7		
15:45					9.7	224.5
16:00					7.2	224.8
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						
17:45						
18:00						
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21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	7.7	250.2	8.3	219.1	8.5	224.7
Max	14.7	327.8	9.2	222.5	9.7	224.8
Hr. of Max	24	36	61	61	63	64
Min	.4	89.4	7.3	215.7	7.2	224.5
Count	30	30	2	2	2	2
Total						