

Daily Summary Report

Site: ORNL Sodar

5/12/2017

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	1.4	276.1	3.3	270.0	3.6	265.8	4.1	260.7	4.3
00:15	.2	340.9	3.0	288.2	3.7	280.8	4.5	270.9	4.9
00:30	.3	265.5	2.5	293.9	3.1	286.4	3.8	280.7	3.6
00:45	.9	268.3	2.1	279.0	3.1	277.5	4.0	280.2	4.8
01:00	2.4	282.5	2.4	282.5	3.6	290.5	5.2	295.2	7.7
01:15	2.7	293.0	2.8	295.1	4.5	300.2	6.3	298.2	7.8
01:30	2.5	282.8	2.5	286.8	4.4	294.8	5.9	292.3	6.7
01:45	1.6	269.7	1.7	282.6	3.2	294.1	4.2	290.2	5.7
02:00	.7	265.6	1.1	293.4	2.4	293.6	3.4	287.8	5.5
02:15	.1	321.7	1.3	275.3	1.8	293.2	3.1	285.7	5.8
02:30	.7	323.3	1.5	269.6	1.9	291.8	3.3	282.6	5.9
02:45	.6	3.8	.4	261.4	1.6	273.1	3.3	271.2	4.6
03:00	.1	85.8	1.0	186.2	1.8	228.6	3.0	240.2	2.5
03:15	.7	217.2	1.8	188.6	2.4	211.2	3.0	216.6	2.2
03:30	.6	255.0	1.5	196.6	2.0	207.7	2.3	213.4	3.3
03:45	.8	288.2	.9	232.7	1.2	232.2	1.9	231.0	3.8
04:00	2.6	294.0	3.5	297.3	3.8	291.3	4.1	291.1	5.3
04:15	3.9	306.9	6.7	311.7	7.7	303.9	8.4	302.9	8.8
04:30	3.2	319.1	4.7	314.7	6.6	307.8	8.3	307.1	9.0
04:45	1.4	327.6	2.9	292.2	4.7	297.9	6.6	299.6	7.5
05:00	.9	251.5	4.4	271.4	5.5	273.3	6.9	277.8	6.9
05:15	.8	303.7	4.0	280.1	4.8	289.1	5.9	296.2	6.8
05:30	.6	1.9	1.4	292.8	2.5	304.1	3.6	317.1	4.8
05:45	.5	148.7	.9	208.3	.9	246.0	1.4	292.8	2.1
06:00	.3	146.0	.6	195.0	.6	243.0	.8	320.0	1.4
06:15	.1	144.9	.4	184.9	.2	240.2	.2	346.9	.8
06:30	.1	168.7	.3	179.9	.1	263.6	.3	345.4	.9
06:45	.1	173.8	.2	196.0	.1	264.6	.3	342.6	1.2
07:00	.1	10.0	.2	205.3	.3	253.8	.2	18.5	1.1
07:15	.1	98.5	.4	179.6	.2	205.0	.2	117.1	.7
07:30	.2	115.8	.6	158.3	.4	165.3	.3	168.0	.6
07:45	.1	284.8	.5	147.7	.4	162.5	.4	162.4	.6
08:00	.3	271.1	.5	163.5	.6	146.5	.5	153.9	.6
08:15	.2	250.9	.6	180.6	.8	168.0	.6	174.1	.4
08:30	.2	107.2	1.0	198.4	1.1	194.0	.5	185.9	.5
08:45	.3	87.5	1.0	209.2	.8	212.2	.3	173.9	.2
09:00	.1	88.8	.7	239.6	.5	236.0	.3	204.2	.5
09:15	.1	325.1	.2	251.9	.1	158.0	.1	159.7	.9
09:30	.3	117.8	.2	186.9	.4	186.6	.4	194.4	.9
09:45	.5	118.8	.2	254.0	.5	221.8	.5	203.7	.7
10:00	.7	97.3	.2	310.9	.1	324.5	.1	224.5	.4
10:15	.6	94.8	.3	315.9	.2	345.3	.1	313.8	.4
10:30	.2	172.3	.4	273.5	.5	243.1	.4	214.6	1.0
10:45	.4	219.9	.6	245.1	.9	228.2	1.1	208.9	1.6
11:00	.3	225.3	.2	308.8	.6	225.6	1.2	207.5	1.7
11:15	.4	208.3	.3	326.3	.5	260.7	.8	233.1	1.5
11:30	.7	224.3	.7	262.3	.7	258.9	.7	252.6	1.5
11:45	.3	221.1	.9	262.1	1.1	271.3	1.2	272.0	1.8
12:00	.3	108.7	.8	277.8	1.4	290.4	1.6	292.2	2.1
12:15	.3	117.0	.7	299.2	1.3	286.7	1.4	282.5	1.5

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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	264.9	2.5	269.7	6.1	263.4	8.4	247.0	10.3	238.0
00:15	274.4	4.2	274.7	6.0	266.0	8.4	247.0	10.3	238.0
00:30	277.4	4.1	267.0	6.9	246.6	8.3	247.8	10.3	237.2
00:45	277.0	5.7	270.6	8.0	253.6	9.0	252.6	9.9	245.4
01:00	298.0	9.0	295.9	9.6	292.3	9.5	293.3	11.3	301.5
01:15	295.1	8.9	290.5	10.0	284.6	10.4	294.4	13.4	309.5
01:30	283.4	8.2	278.5	10.0	271.3	11.0	286.0	13.3	295.0
01:45	277.9	7.7	273.2	9.7	267.3	11.5	277.0	13.2	280.0
02:00	272.6	7.6	267.2	10.2	267.3	12.0	260.0	13.1	265.0
02:15	270.8	7.5	265.7	9.0	255.0	12.5	240.0	13.2	250.0
02:30	271.8	6.7	266.2	7.5	244.0	13.0	225.0	13.1	235.0
02:45	266.6	4.6	260.3	6.7	233.0	13.6	209.5	13.1	215.2
03:00	236.1	2.7	232.6	4.2	236.6	7.5	221.0	13.3	209.4
03:15	203.1	2.8	206.2	5.4	219.8	9.4	202.1	11.5	205.1
03:30	219.1	4.0	217.9	9.5	215.4	10.5	199.8	10.0	207.1
03:45	234.3	4.9	235.4	8.5	233.6	14.0	220.6	12.8	222.0
04:00	283.0	6.1	269.2	8.6	244.8	12.4	229.9	14.0	232.2
04:15	297.9	9.0	288.9	9.0	265.0	12.8	260.0	14.0	232.0
04:30	303.7	10.7	300.8	10.0	285.0	13.0	290.0	13.8	232.0
04:45	304.0	9.1	304.6	10.7	311.4	13.2	314.8	13.5	232.0
05:00	285.5	7.7	296.5	10.0	314.0	12.3	317.0	13.3	231.0
05:15	306.7	8.1	312.7	10.2	327.6	11.1	329.9	13.0	231.0
05:30	331.3	4.0	330.0	8.2	345.0	8.0	343.0	12.8	230.0
05:45	331.1	1.9	.4	6.4	7.8	6.8	358.3	12.5	230.0
06:00	355.0	1.6	22.0	6.0	10.0			12.3	280.0
06:15	23.5	1.3	45.2	5.8	12.0			12.3	339.0
06:30	31.7	1.4	47.5	5.9	21.0			12.0	229.0
06:45	22.4	1.1	34.2	5.4	35.0			11.8	229.0
07:00	29.1	1.5	22.9	5.0	50.0			11.7	229.0
07:15	79.4	2.4	69.8	4.8	60.0			11.7	228.0
07:30	113.8	1.9	86.1	4.4	71.9			11.7	228.0
07:45	117.1	1.4	96.0	3.1	69.8			11.5	228.0
08:00	112.1	1.4	103.1	5.5	85.7			11.5	227.0
08:15	196.4	1.0	130.1	4.5	101.7			11.5	227.0
08:30	203.6	1.1	139.7	3.4	131.6			11.5	227.0
08:45	185.3	1.0	154.5	3.1	123.6			11.3	227.0
09:00	178.5	1.5	148.2	3.5	133.4	6.0	138.3	11.3	227.0
09:15	165.5	2.3	149.7	5.3	143.0			11.3	226.0
09:30	183.7	2.2	164.2	6.6	147.2			11.0	226.0
09:45	198.2	1.9	172.0	6.7	173.4			11.0	226.0
10:00	216.8	1.6	173.5	5.7	175.3			11.0	226.0
10:15	200.8	1.8	174.9	5.3	177.3			11.0	225.0
10:30	205.6	2.4	181.2	6.1	183.1			11.0	225.0
10:45	206.7	2.8	186.8	6.1	189.7			11.0	225.0
11:00	198.0	3.0	193.9	5.6	200.1	6.7	216.0	11.0	224.0
11:15	215.9	2.8	206.4	5.5	209.1	7.4	216.2	10.8	224.0
11:30	230.3	2.8	213.3	5.4	215.0	8.1	212.9	9.1	222.2
11:45	255.0	2.9	230.4	4.8	226.7	7.2	219.5	9.0	225.0
12:00	283.3	2.5	259.3	3.5	243.7	5.8	240.1	9.0	228.0
12:15	283.6	1.9	266.6	3.0	250.7	6.3	244.2	8.6	232.6

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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	12.0	230.0	11.2	225.2		
00:15	12.1	229.0	11.3	224.5		
00:30	12.2	228.7	11.4	223.8		
00:45	12.2	228.0	11.5	223.1		
01:00	12.2	226.0	11.6	222.4		
01:15	12.2	224.0	11.7	221.7		
01:30	12.2	222.0	11.8	221.0		
01:45	12.2	220.0	11.9	220.3		
02:00	12.3	218.0	12.0	219.6		
02:15	12.3	215.0	12.1	218.9		
02:30	12.3	212.0	12.2	218.2		
02:45	12.3	209.9	12.3	217.5		
03:00	12.9	210.9	12.4	216.8		
03:15	12.7	212.5	13.1	217.5		
03:30	11.4	209.9	12.5	216.0		
03:45	12.1	210.5	12.1	215.7		
04:00	13.5	225.6	12.0	217.4	16.2	233.4
04:15	13.5	225.0	12.0	217.6	16.1	233.0
04:30	13.4	225.0	11.9	217.9	16.0	233.0
04:45	13.3	225.0	11.9	218.2	15.9	233.0
05:00	13.2	225.0	11.8	218.6	15.8	233.0
05:15	13.1	225.0	11.8	218.9	15.7	233.0
05:30	13.0	225.0	11.7	219.3	15.6	232.0
05:45	12.9	225.0	11.7	219.6	15.5	232.0
06:00	12.8	224.0	11.6	220.0	15.4	232.0
06:15	12.8	224.0	11.6	220.3	15.3	232.0
06:30	12.7	224.0	11.5	220.7	15.2	232.0
06:45	12.6	224.0	11.5	221.0	15.1	232.0
07:00	12.5	224.0	11.4	221.4	15.0	232.0
07:15	12.4	224.0	11.4	221.7	14.9	232.0
07:30	12.3	224.0	11.3	222.1	14.8	232.0
07:45	12.2	224.0	11.3	222.4	14.7	232.0
08:00	12.1	223.0	11.2	222.8	14.6	232.0
08:15	12.0	223.0	11.2	223.1	14.5	232.0
08:30	11.8	223.0	11.1	223.5	14.4	232.0
08:45	11.7	223.0	11.1	223.8	14.3	232.0
09:00	11.6	223.0	11.0	224.2	14.2	232.0
09:15	11.5	223.0	11.0	224.5	14.1	232.0
09:30	11.4	223.0	10.9	224.9	14.0	232.0
09:45	11.2	222.0	10.9	225.2	13.9	232.0
10:00	11.0	222.0	10.8	225.6	13.8	232.0
10:15	10.8	222.0	10.8	225.9	13.7	232.0
10:30	10.6	222.0	10.7	226.3	13.6	232.0
10:45	10.5	222.0	10.7	226.6	13.5	232.0
11:00	10.4	222.0	10.6	226.9	13.4	232.0
11:15	10.3	222.0	10.6	227.1	13.3	232.0
11:30	10.2	222.0	10.5	227.4	13.2	232.0
11:45	10.0	221.0	10.5	227.6	13.1	232.0
12:00	9.8	221.0	10.4	227.9	13.0	232.0
12:15	9.7	221.0	10.4	228.1	12.9	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	9.5	221.1	10.3	229.3	12.8	232.0
12:45	10.2	225.4	10.3	230.0	12.7	232.0
13:00	10.5	225.7	10.3	231.1	12.2	230.6
13:15	9.5	230.3	9.8	229.6	11.5	233.3
13:30	8.9	233.9	10.3	234.2	12.4	230.3
13:45	9.1	237.9	10.8	238.5	13.2	230.0
14:00	9.8	238.6				
14:15						
14:30						
14:45						
15:00						
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22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	11.7	223.0	11.3	223.1	14.2	232.1
Max	13.5	238.6	13.1	238.5	16.2	233.4
Hr. of Max	17	56	13	55	16	16
Min	8.9	209.9	9.8	215.7	11.5	230.0
Count	57	57	56	56	40	40
Total						