

Daily Summary Report

Site: ORNL Sodar

11/9/2018

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	.8	78.6	1.6	76.2	2.7	51.1	3.1	59.7	2.2
00:15	.5	93.8	1.3	73.7	2.2	47.1	2.5	56.0	1.6
00:30	.4	98.6	1.3	66.6	1.7	46.0	1.9	54.8	1.4
00:45	.2	132.5	1.3	66.2	1.6	52.9	1.6	59.7	1.1
01:00	.1	186.1	.8	71.8	1.7	54.4	1.8	62.5	.8
01:15	.2	157.0	.9	75.2	1.8	51.7	2.0	60.7	1.1
01:30	.3	125.6	1.1	80.1	1.8	52.4	1.9	63.9	1.2
01:45	.5	102.4	1.1	76.4	1.7	49.7	1.5	70.7	1.8
02:00	.5	90.7	1.4	69.2	1.5	65.9	1.4	120.4	2.6
02:15	.3	91.4	1.4	79.9	1.6	105.4	2.3	148.0	3.3
02:30	.1	130.6	1.0	89.3	1.6	119.6	2.5	158.2	3.4
02:45	.2	134.8	1.0	81.8	1.5	124.8	2.2	163.0	2.6
03:00	.3	145.1	1.3	86.5	1.4	129.8	1.7	165.3	1.5
03:15	.2	141.6	1.1	90.6	1.1	132.9	1.2	170.3	1.3
03:30	.1	121.6	.9	77.2	.7	114.8	1.2	168.0	1.8
03:45	.1	166.9	.4	74.4	.6	148.0	1.5	176.4	2.2
04:00	.1	73.9	.2	125.0	.5	170.2	1.1	183.3	1.8
04:15	.1	40.9	.4	106.5	.1	152.0	.4	189.0	1.3
04:30	.1	105.6	.4	120.7	.1	229.3	.4	224.9	1.1
04:45	.2	130.5	.6	131.3	.2	211.5	.6	215.4	.9
05:00	.1	104.9	.5	130.7	.2	292.7	.3	242.8	.8
05:15	.0	116.0	.5	134.7	.2	322.3	.2	316.4	.6
05:30	.1	125.8	.5	156.1	.3	184.7	.1	190.6	.7
05:45	.1	131.2	.7	184.5	.5	199.0	.2	330.0	.9
06:00	.2	71.9	.9	168.6	.7	211.8	1.0	234.9	1.2
06:15	.1	332.1	.6	167.5	.5	184.8	1.0	289.3	.7
06:30	.3	286.8	.7	258.1	.9	37.7	1.7	16.8	.9
06:45	.5	336.1	.4	189.0	1.0	39.2	.6	16.9	1.0
07:00	.6	356.6	.5	143.5	.2	66.4	.1	243.7	1.7
07:15	.4	5.4	.2	111.0	.2	44.2	.4	212.5	2.2
07:30	.4	339.2	.3	77.5	.3	94.8	.4	199.4	1.8
07:45	.2	21.0	.2	37.8	.4	91.2	.1	143.9	1.7
08:00	.3	32.3	.2	96.6	.6	94.2	.3	127.2	1.8
08:15	.4	348.3	.3	112.9	.6	96.4	.4	148.9	1.8
08:30	.2	320.2	.5	144.3	.2	184.4	.9	185.4	2.0
08:45	.1	346.4	1.0	179.8	.8	225.7	.9	205.3	2.1
09:00	.1	78.8	1.8	179.5	.8	182.1	.9	231.2	2.3
09:15	.2	21.2	1.1	165.3	.8	182.9	1.5	208.4	1.9
09:30	.4	346.5	1.1	186.5	.9	203.1	1.1	217.3	2.9
09:45	.2	290.0	1.2	201.4	1.4	230.4	1.6	240.9	4.3
10:00	.2	314.1	.3	202.8	1.2	258.9	2.0	262.0	3.5
10:15	.8	296.7	.7	250.0	2.0	273.5	3.1	275.8	3.9
10:30	1.1	281.1	1.6	258.9	3.0	275.0	4.1	276.6	5.3
10:45	.6	277.1	2.4	269.2	2.8	281.5	3.6	283.4	5.3
11:00	.2	289.7	1.9	266.9	2.2	286.3	3.4	290.2	5.4
11:15	.2	296.3	.8	253.9	1.9	290.2	3.4	295.1	5.7
11:30	.2	294.6	.6	243.0	1.4	288.2	3.2	292.0	6.0
11:45	.1	178.4	.5	214.9	1.2	287.8	3.3	288.7	6.5
12:00	.5	180.3	.4	173.6	1.4	281.2	3.2	289.2	5.9
12:15	.3	167.5	.3	136.3	1.1	282.5	2.8	284.7	5.5
12:30	.4	70.7	.1	242.7	.9	299.9	2.6	287.0	5.2

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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	86.0	2.9	109.3	4.2	145.6	7.1	160.1	7.0	160.0
00:15	83.5	2.1	114.8	3.5	151.4	5.5	165.6	6.0	166.0
00:30	89.0	1.9	124.8	2.9	162.0	5.4	176.0	5.0	175.0
00:45	94.1	1.7	137.4	3.0	172.5	5.6	178.3	4.6	189.2
01:00	99.9	1.4	150.9	4.2	181.5	4.8	183.3	5.2	184.5
01:15	105.8	1.8	161.8	5.3	186.1	4.8	186.9	7.0	186.4
01:30	135.6	2.9	173.3	5.0	185.2	4.1	191.4	8.5	191.5
01:45	162.5	3.5	176.6	5.2	187.0	6.6	191.8	9.9	191.5
02:00	171.6	4.0	180.4	5.9	191.7	7.9	199.0	10.5	190.3
02:15	173.2	4.3	183.3	6.3	197.4	8.7	201.4	11.4	190.3
02:30	179.4	3.7	185.2	6.4	206.1	9.3	203.8	11.4	194.6
02:45	185.9	3.0	191.1	6.2	212.4	9.4	205.8	11.0	193.6
03:00	189.9	2.6	195.2	5.7	210.8	9.8	200.5	11.8	188.7
03:15	200.5	2.6	205.1	5.6	212.0	9.7	198.9	13.8	184.2
03:30	198.3	3.0	212.4	6.0	212.8	9.5	196.0	12.4	183.4
03:45	195.6	3.2	213.6	6.3	211.9	9.5	195.6	12.6	189.7
04:00	201.5	3.2	219.5	6.0	217.0	9.4	199.3	11.0	188.4
04:15	221.6	2.9	223.0	5.7	218.7	9.7	200.8	10.8	190.2
04:30	237.8	2.5	218.3	6.3	215.4	9.9	201.3	11.8	190.8
04:45	246.6	2.7	222.5	6.5	213.3	9.8	196.6	11.7	184.4
05:00	248.7	2.8	224.9	6.2	211.3	9.8	192.9	12.6	185.6
05:15	242.0	2.0	223.9	5.6	210.1	9.3	192.9	9.8	185.8
05:30	228.7	1.6	250.2	5.3	215.3	8.3	195.2	10.3	185.5
05:45	220.5	2.0	255.8	5.7	222.6	8.1	201.5	11.5	195.6
06:00	223.6	2.7	251.4	6.8	223.8	9.6	212.9	10.2	205.1
06:15	256.2	2.3	264.6	6.4	230.1	8.2	224.9	8.4	223.9
06:30	225.0	1.9	277.7	6.2	250.4	6.7	223.0	8.5	225.0
06:45	205.8	3.3	234.0	7.4	233.0	8.0	218.0	8.8	226.0
07:00	246.1	3.5	237.6	7.4	227.2	9.2	211.1	9.0	228.0
07:15	245.6	3.5	240.2	7.5	227.1	8.6	209.4	9.3	230.0
07:30	242.1	3.5	240.0	7.1	222.9	8.0	211.0	9.3	232.0
07:45	252.0	3.6	244.0	7.1	223.9	7.5	214.0	9.5	234.0
08:00	235.6	3.4	238.9	6.0	227.5	7.0	217.0	9.5	236.0
08:15	219.7	3.0	236.9	6.3	232.6	6.8	220.2	9.8	239.0
08:30	228.1	3.7	226.8	8.3	230.7	7.0	225.0	10.0	242.0
08:45	234.2	4.2	219.3	8.5	235.0	7.2	230.0	10.0	245.0
09:00	237.5	1.9	200.6	8.6	240.0	7.4	235.0	10.0	248.0
09:15	210.5	1.8	192.7	8.8	245.0	7.6	240.0	10.0	250.0
09:30	230.4	5.4	229.5	9.0	250.0	7.8	245.0	10.0	252.0
09:45	242.3	6.6	240.8	9.1	255.0	8.1	250.0	10.0	254.0
10:00	251.8	6.1	265.1	9.3	260.0	8.4	253.0	10.0	256.0
10:15	265.1	7.0	269.5	9.4	265.0	8.7	256.0	10.3	258.0
10:30	273.8	7.5	271.6	9.4	271.6	9.0	259.5	10.3	260.0
10:45	278.7	6.9	281.4	8.1	273.9	8.7	263.9	10.3	262.0
11:00	282.0	7.1	285.4	7.8	274.2	7.9	264.8	10.4	260.1
11:15	285.1	7.4	281.0	8.3	275.3	8.0	267.0	10.0	259.0
11:30	282.7	7.7	282.1	8.8	281.2	9.4	270.4	9.5	257.0
11:45	286.1	8.4	288.2	9.4	286.1	10.2	278.6	9.0	255.0
12:00	290.3	8.1	288.3	8.6	285.5	10.0	274.0	8.5	254.0
12:15	290.5	7.9	288.0	8.4	283.2	9.0	270.0	8.0	53.0
12:30	291.5	7.4	291.3	9.0	292.5	8.6	264.9	7.5	251.9

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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	8.0	174.0				
00:15	7.9	177.0				
00:30	7.8	182.0				
00:45	7.7	186.1	11.5	179.7		
01:00	7.2	179.5	11.5	177.6		
01:15	8.6	180.7	11.9	177.3		
01:30	9.0	181.0				
01:45	9.0	182.0				
02:00	9.5	182.0				
02:15	10.0	183.0				
02:30	10.5	183.0				
02:45	11.0	183.0				
03:00	11.5	184.0				
03:15	11.5	184.0				
03:30	12.0	184.0				
03:45	12.5	185.0				
04:00	13.0	185.0				
04:15	13.5	185.0				
04:30	14.0	185.0				
04:45	14.8	185.2				
05:00	15.5	187.7				
05:15	13.3	183.4				
05:30	10.2	181.0				
05:45	10.3	189.6				
06:00	10.2	191.1				
06:15	10.1	192.6				
06:30	10.0	194.1				
06:45	9.9	195.6				
07:00	9.8	197.1				
07:15	9.7	198.6				
07:30	9.6	200.1				
07:45	9.5	201.6				
08:00	9.4	203.1				
08:15	9.3	204.6				
08:30	9.2	206.1				
08:45	9.1	207.6				
09:00	9.0	209.1				
09:15	8.9	210.6				
09:30	8.8	212.1				
09:45	8.7	213.6				
10:00	8.6	215.1				
10:15	8.5	216.6				
10:30	8.4	218.1				
10:45	8.3	219.6				
11:00	8.2	221.1				
11:15	8.1	222.6				
11:30	8.0	224.1				
11:45	7.9	225.6				
12:00	7.8	227.1				
12:15	7.7	228.6				
12:30	8.4	234.7				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	8.7	234.7				
13:00	9.0	250.0				
13:15	9.1	263.3				
13:30	10.4	266.2				
13:45	11.3	279.2				
14:00	13.1	289.4	10.7	282.5		
14:15	13.3	291.0	13.3	281.9		
14:30	10.8	298.4	10.6	292.9		
14:45	10.7	302.4	11.0	297.1		
15:00	11.9	306.5	11.3	300.0		
15:15	11.5	312.4	11.5	303.0		
15:30	11.5	315.0	11.8	306.0		
15:45	11.2	316.6	12.0	310.0		
16:00	10.8	318.2	12.3	313.5	11.9	325.3
16:15	11.2	322.7	12.4	312.7	12.4	314.1
16:30	10.7	322.8	11.3	322.6	12.1	320.0
16:45	10.2	324.1	11.4	326.5	11.8	325.0
17:00	9.8	330.0	10.5	324.0	11.5	330.0
17:15	10.0	330.0	10.8	325.0	11.2	335.0
17:30	10.3	329.0	11.0	325.0	11.0	340.0
17:45	10.5	329.0	11.3	327.0	10.8	345.0
18:00	10.8	328.4	11.5	328.2	10.6	350.0
18:15	9.6	333.1	9.7	344.1	10.4	355.0
18:30	9.5	333.0	8.3	.8	10.2	3.7
18:45	8.8	329.2	7.2	341.4	10.3	2.7
19:00	6.7	326.0	5.8	335.2		
19:15	7.8	319.3	5.6	333.0		
19:30	10.7	314.1	5.6	332.0		
19:45	10.7	322.5	5.7	331.0		
20:00	13.4	315.8	5.8	330.0		
20:15	13.0	315.0	5.9	329.0		
20:30	12.5	314.0	5.9	328.0		
20:45	12.0	313.0	6.0	327.0		
21:00	11.5	312.0	6.1	326.0		
21:15	11.0	311.0	6.2	325.0		
21:30	10.5	310.0	6.2	324.0		
21:45	9.5	309.0	6.3	323.0		
22:00	9.0	308.0	6.4	322.0		
22:15	8.5	307.0	6.5	321.0		
22:30	8.0	306.0	6.5	320.0		
22:45	7.5	304.0	6.6	319.0		
23:00	7.0	302.0	6.7	318.0		
23:15	6.9	300.2	6.8	317.0		
23:30	6.3	295.3	6.8	316.0		
23:45	6.1	304.2	6.9	315.0		
Avg	9.9	249.4	8.8	302.1	11.2	278.8
Max	15.5	333.1	13.3	344.1	12.4	355.0
Hr. of Max	20	73	57	73	65	73
Min	6.1	174.0	5.6	.8	10.2	2.7
Count	96	96	43	43	12	12
Total						