

Daily Summary Report

Site: ORNL Sodar

2/7/2018

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	2.2	88.2	2.1	81.4	3.7	65.7	5.2	69.3	7.5
00:15	2.1	85.7	2.2	79.5	4.3	62.3	5.7	68.8	7.4
00:30	2.3	80.2	2.0	61.5	5.2	57.2	6.8	65.5	6.8
00:45	2.7	81.3	2.6	69.5	5.6	62.5	7.1	70.3	6.0
01:00	3.0	85.2	3.9	80.1	6.5	74.0	6.8	78.2	5.7
01:15	2.8	86.7	3.7	78.6	6.1	71.7	6.2	76.9	5.5
01:30	4.4	95.0	2.2	68.8	4.5	62.6	5.4	70.4	4.6
01:45	1.5	104.7	1.7	60.4	3.4	57.8	4.4	60.8	3.8
02:00	.6	140.2	1.4	53.7	2.8	43.8	3.9	51.6	3.0
02:15	.6	151.9	.9	66.4	2.7	48.5	3.8	56.7	2.9
02:30	.5	145.2	.5	83.8	2.5	47.9	3.6	58.4	2.7
02:45	.4	160.2	.7	65.0	2.5	48.7	2.6	63.3	2.1
03:00	.4	192.0	.6	46.2	2.4	47.2	1.6	92.5	2.8
03:15	.4	184.0	.3	19.9	2.0	46.2	1.3	98.2	3.0
03:30	.3	186.1	.3	339.4	1.9	48.4	1.6	73.5	3.0
03:45	.5	241.2	.3	324.7	1.6	38.3	1.4	60.7	2.8
04:00	.6	244.4	.3	357.4	1.0	52.6	1.2	76.1	2.5
04:15	.5	221.9	.5	37.3	1.3	60.7	1.0	83.5	2.8
04:30	.3	187.1	.9	52.7	1.7	48.4	.7	77.0	3.3
04:45	.3	170.7	.8	49.2	1.5	43.9	.6	158.4	3.5
05:00	.4	174.4	.5	49.2	1.2	25.1	.4	283.9	2.9
05:15	.4	214.0	.7	24.3	1.2	4.3	1.3	331.9	2.5
05:30	.6	212.7	1.3	352.5	1.6	354.6	1.4	319.5	3.1
05:45	.6	199.1	1.1	342.5	2.1	336.0	1.9	300.9	4.2
06:00	.3	309.1	1.2	306.4	1.8	279.3	3.0	257.2	5.8
06:15	2.0	277.4	3.7	290.8	5.4	277.7	6.5	270.0	9.1
06:30	3.0	270.5	3.2	288.6	5.3	281.9	7.0	274.1	9.4
06:45	1.8	259.0	2.0	258.3	4.5	258.1	6.6	251.0	10.9
07:00	1.2	235.3	2.5	228.5	5.3	233.6	6.8	233.1	11.5
07:15	1.6	247.7	2.4	233.3	5.1	231.7	6.8	239.3	10.4
07:30	.8	260.2	2.5	227.1	4.5	231.8	6.8	245.5	9.8
07:45	.1	49.3	1.9	246.8	3.7	252.2	6.4	251.6	9.3
08:00	.3	322.9	1.8	262.2	4.1	257.9	6.7	253.6	9.9
08:15	.2	234.9	2.2	251.4	5.0	245.9	7.5	245.4	10.8
08:30	2.3	251.0	2.3	236.4	4.9	242.7	7.4	243.1	10.8
08:45	.3	212.5	1.8	216.3	3.8	225.8	6.3	227.5	10.6
09:00	.9	163.2	2.4	185.1	4.7	197.5	7.4	205.8	10.3
09:15	1.0	182.0	2.9	179.3	5.8	188.6	7.9	198.9	10.1
09:30	1.2	199.2	2.3	206.5	5.2	201.0	6.6	208.5	7.4
09:45	1.3	220.1	2.4	226.2	4.4	224.3	5.8	225.4	7.8
10:00	1.4	203.3	2.4	223.4	4.4	218.9	6.0	216.9	7.6
10:15	.7	212.8	2.0	232.7	3.7	219.9	5.0	216.6	6.3
10:30	.4	293.4	1.4	250.9	2.2	228.0	3.0	223.3	4.0
10:45	.2	301.8	.9	240.1	1.3	219.1	1.7	221.0	2.3
11:00	.2	32.8	.8	237.7	1.4	228.7	2.3	232.3	4.1
11:15	.3	338.4	1.5	262.0	2.6	262.8	3.6	258.7	5.3
11:30	.4	309.8	2.9	272.5	4.9	277.3	5.9	276.3	6.5
11:45	1.5	278.5	4.0	269.8	5.8	279.6	7.5	281.7	8.3
12:00	5.1	272.4	4.0	274.0	6.2	278.3	8.0	284.8	8.2
12:15	1.4	273.4	1.0	265.9	3.7	281.6	7.2	284.6	8.7

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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	82.1	6.5	99.5	5.6	152.9	10.0	182.2	15.4	186.4
00:15	82.8	5.3	102.8	5.5	163.6	10.8	185.8	16.5	187.0
00:30	81.3	4.3	113.6	5.6	172.1	11.4	187.1	17.4	186.3
00:45	90.1	4.1	127.0	6.2	173.4	12.0	187.2	17.8	187.7
01:00	108.3	5.2	140.2	8.9	172.4	14.3	186.3	16.1	184.1
01:15	114.2	5.3	146.2	9.2	177.8	15.3	186.4	15.9	177.1
01:30	117.0	5.0	154.2	9.3	186.4	14.3	187.6	16.5	180.0
01:45	129.4	4.9	165.1	10.0	190.2	14.5	189.8	18.2	184.8
02:00	135.2	4.4	178.9	9.9	192.6	15.6	191.8	16.5	192.2
02:15	146.8	4.4	189.8	10.6	195.3	16.2	193.9	15.0	192.4
02:30	161.1	4.3	197.5	10.2	197.6	15.7	194.0	15.4	200.4
02:45	176.2	4.9	197.2	10.5	197.8	15.0	194.5	15.9	213.6
03:00	190.8	6.2	197.0	11.4	195.4	14.4	194.8	14.7	218.3
03:15	201.7	6.6	200.6	11.8	194.5	14.0	196.4	15.5	219.8
03:30	201.0	6.3	200.9	11.4	193.5	15.5	190.8	16.8	216.9
03:45	201.1	5.7	201.9	10.5	193.5	15.7	188.2	14.3	208.8
04:00	201.2	5.2	201.2	10.5	192.6	15.3	187.4	14.2	207.2
04:15	198.4	5.4	198.3	10.5	191.4	13.4	188.6	14.4	209.0
04:30	194.1	6.1	198.0	11.5	192.1	13.4	194.0	14.6	212.0
04:45	193.6	6.5	196.5	12.3	192.1	13.4	200.0	14.8	215.0
05:00	210.1	6.2	201.7	12.2	197.0	13.4	206.0	15.0	217.0
05:15	231.8	5.6	212.9	11.8	203.1	13.5	213.6	15.2	219.4
05:30	223.9	5.5	221.1	11.0	206.2	14.7	210.2	15.7	222.0
05:45	228.1	5.8	226.7	10.7	207.5	14.5	210.0	15.3	222.0
06:00	230.3	7.1	222.6	11.8	206.1	14.3	210.0	15.0	223.0
06:15	253.5	9.5	227.1	14.7	216.4	16.6	214.6	14.7	224.0
06:30	261.9	14.6	234.0	16.6	222.3	14.4	222.5	14.4	224.4
06:45	243.3	14.8	228.3	15.6	223.7	14.2	224.1	15.6	226.5
07:00	245.1	12.2	231.0	12.7	222.0	12.8	224.6	15.4	225.0
07:15	245.4	12.3	237.2	13.2	222.0	13.7	223.5	15.2	225.0
07:30	245.0	12.7	236.4	16.0	229.0	15.5	227.4	15.1	224.4
07:45	247.6	12.8	238.5	17.3	233.3	13.9	224.0	15.8	221.6
08:00	241.2	13.6	234.2	15.4	226.7	14.6	224.0	14.1	220.0
08:15	236.0	14.7	231.1	16.7	225.6	14.6	200.0		
08:30	234.7	14.6	229.8	15.4	223.8	14.6	215.0		
08:45	221.7	13.4	220.3	14.2	215.9	14.5	211.0		
09:00	202.5	10.1	207.3	11.1	215.2	13.1	214.5		
09:15	193.0	8.1	192.6	9.7	210.4	12.5	220.0		
09:30	208.2	9.9	199.9	9.6	217.0	12.0	227.0		
09:45	216.5	10.7	215.9	9.6	225.0	11.5	235.0		
10:00	210.6	10.6	215.0	9.5	232.0	11.0	242.0		
10:15	214.1	9.2	215.1	9.5	240.0	10.5	248.0		
10:30	219.8	5.8	218.9	9.5	247.0	10.0	254.0		
10:45	216.7	3.2	232.8	9.5	250.0	9.5	250.0		
11:00	228.3	6.0	235.9	9.4	255.0	9.0	255.0		
11:15	245.6	6.9	244.3	9.4	260.0	8.8	262.0		
11:30	268.4	7.1	261.0	9.3	264.1	8.5	267.0		
11:45	279.8	8.4	278.9	8.6	286.6	8.3	275.5		
12:00	293.3	8.8	296.3	9.8	302.1	8.7	292.5		
12:15	298.2	9.7	303.0	11.1	310.0	11.5	312.0		

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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	20.2	190.2	15.0	214.0	14.5	216.0
00:15	19.8	193.9	15.0	215.0	14.5	216.0
00:30	19.4	195.0	15.1	215.0	14.8	216.0
00:45	19.0	198.0	15.2	216.0	15.0	217.0
01:00	18.8	200.0	15.2	216.0	15.3	217.0
01:15	18.5	202.0	15.3	217.0	15.5	217.0
01:30	18.3	205.0	15.3	217.0	15.8	217.0
01:45	18.0	208.0	15.3	218.0	16.0	218.0
02:00	17.5	212.0	15.4	218.0	16.3	218.0
02:15	17.5	217.0	15.4	219.0	16.5	218.0
02:30	17.2	222.0	15.5	220.3	16.8	218.0
02:45	16.8	220.3	15.6	223.3	16.6	220.9
03:00	16.0	220.5	15.5	224.7	15.7	220.2
03:15	16.5	218.1	14.6	223.1	15.2	218.6
03:30	16.6	216.7	15.1	222.6	15.6	223.0
03:45	18.0	217.0	15.1	223.0		
04:00	17.5	218.0	15.0	223.0		
04:15	17.0	220.0	15.0	223.0		
04:30	16.5	222.0	14.9	224.0		
04:45	16.0	224.0	14.8	224.0		
05:00	15.5	225.0	14.7	224.0		
05:15	15.3	226.0	14.5	224.0		
05:30	15.2	221.0	14.5	224.5		
05:45	15.0	220.0	14.4	223.0		
06:00	14.8	219.0	14.4	222.0		
06:15	14.5	218.0	14.4	221.0		
06:30	14.1	217.2	14.4	220.3		
06:45	14.2	219.0				
07:00	14.2	221.0				
07:15	14.2	222.0				
07:30	14.3	224.0				
07:45	14.4	226.0				
08:00	14.5	228.1				
08:15						
08:30						
08:45						
09:00						
09:15						
09:30						
09:45						
10:00						
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30						
12:45						
13:00						
13:15						
13:30						
13:45						
14:00	12.8	319.5				
14:15	10.7	327.7				
14:30	9.5	330.0	12.6	326.6		
14:45	9.2	325.0	12.0	321.0		
15:00						
15:15						
15:30						
15:45						
16:00						
16:15						
16:30						
16:45						
17:00						
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21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	15.9	227.2	14.8	227.7	15.6	218.0
Max	20.2	330.0	15.6	326.6	16.8	223.0
Hr. of Max	00	58	11	58	10	14
Min	9.2	190.2	12.0	214.0	14.5	216.0
Count	37	37	29	29	15	15
Total						