

Daily Summary Report

Site: ORNL Sodar

11/24/2018

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	.4	314.8	1.4	49.7	2.4	52.0	1.8	72.8	2.1
00:15	.2	338.0	1.2	51.5	2.0	54.6	1.5	73.8	1.6
00:30	.1	236.3	.7	49.0	1.1	63.0	.5	133.0	2.1
00:45	.1	276.3	.2	295.9	.6	216.9	1.6	224.4	3.1
01:00	.4	268.6	1.3	252.9	2.3	232.5	3.4	228.9	4.3
01:15	.6	271.7	1.7	251.2	2.6	233.1	3.8	231.0	5.2
01:30	.3	284.7	1.7	248.9	2.8	239.3	4.0	234.4	5.7
01:45	.2	287.9	2.1	257.2	3.8	256.5	5.0	247.8	6.0
02:00	.2	.8	2.0	272.4	3.7	254.4	4.7	242.8	5.3
02:15	.1	311.6	1.8	269.6	2.9	257.3	3.7	249.8	4.8
02:30	.4	235.7	.9	261.8	2.9	256.1	3.7	251.0	5.0
02:45	.1	158.6	.3	212.3	1.3	216.1	2.4	229.7	3.9
03:00	.2	96.4	.4	207.0	1.0	204.2	1.9	215.3	3.8
03:15	.1	69.0	.7	228.7	1.9	229.5	2.8	226.0	4.6
03:30	.3	267.6	1.3	217.1	3.1	224.5	4.1	227.4	5.3
03:45	.2	243.6	1.1	202.5	2.8	216.6	3.9	219.4	5.3
04:00	.3	241.8	.3	214.9	1.8	229.5	3.0	220.4	4.3
04:15	.4	232.6	.3	273.8	1.6	252.2	2.5	235.5	3.5
04:30	.4	219.9	.5	280.9	1.7	255.5	2.7	237.7	4.0
04:45	.4	235.7	.7	267.7	2.0	239.0	3.0	228.6	4.8
05:00	.4	258.6	.6	238.9	2.2	243.8	3.2	236.9	4.7
05:15	.4	250.4	.6	239.1	2.1	254.4	2.7	243.5	3.6
05:30	.6	235.9	1.0	258.2	2.2	257.2	2.6	245.9	3.2
05:45	.6	223.3	.7	247.6	2.2	263.7	3.0	254.4	3.6
06:00	.4	192.2	.4	226.0	1.7	266.2	2.8	262.8	3.6
06:15	.1	208.8	.5	247.9	1.5	263.9	2.3	263.0	3.3
06:30	.1	296.9	.6	250.8	1.7	263.0	1.9	255.7	2.2
06:45	.7	278.7	1.1	252.7	3.2	260.1	3.9	257.2	4.1
07:00	.2	278.4	1.8	257.5	3.8	257.1	5.1	257.4	6.5
07:15	1.1	266.0	1.8	255.6	3.4	254.0	4.8	256.7	6.5
07:30	.3	102.8	1.1	244.7	2.2	255.3	3.8	259.6	5.9
07:45	.3	124.9	.5	241.3	1.1	259.8	2.0	261.4	3.3
08:00	.2	235.1	.5	254.2	1.0	249.6	.9	254.3	1.3
08:15	.1	221.7	.4	253.7	.9	252.6	.6	252.9	1.1
08:30	.1	150.3	.4	249.3	.9	255.9	1.0	254.0	1.3
08:45	.2	128.8	.6	240.1	2.0	248.0	3.3	254.4	4.0
09:00	.1	148.9	1.0	239.6	3.0	243.7	4.5	247.0	5.4
09:15	.1	220.8	.8	240.4	2.0	242.7	3.0	247.0	3.3
09:30	.2	234.4	.3	243.1	1.1	234.5	1.7	243.3	1.8
09:45	.4	262.8	.4	227.0	1.2	235.1	1.8	235.5	1.4
10:00	.4	259.2	.3	227.4	1.3	230.6	2.4	229.6	1.8
10:15	.3	249.7	.1	240.6	1.3	223.8	2.6	233.2	3.4
10:30	.3	263.8	.2	215.3	1.1	235.0	1.7	239.0	3.1
10:45	.3	269.8	.4	214.4	1.2	236.4	2.1	239.4	3.4
11:00	.4	276.5	.6	217.3	1.1	234.8	1.9	236.5	3.1
11:15	.4	276.6	.5	243.0	1.1	255.4	1.3	244.4	1.5
11:30	.3	271.0	.4	245.2	1.3	244.6	1.4	246.0	1.1
11:45	.4	265.7	.4	248.2	1.3	228.5	1.6	229.9	1.0
12:00	.3	276.7	.4	268.6	.9	231.0	1.3	229.8	1.0
12:15	.4	275.7	.3	248.8	.8	229.9	1.2	232.2	.7
12:30	.3	293.2	.1	190.1	1.1	228.8	1.4	227.5	.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	172.1	3.4	193.1	6.8	195.9	8.7	185.0	9.2	177.3
00:15	179.9	2.8	197.5	6.5	193.1	7.4	181.0	8.3	179.3
00:30	214.0	3.2	212.0	7.4	193.4	8.0	190.0	9.0	185.0
00:45	223.2	4.0	218.0	7.7	204.5	9.0	200.0	10.0	195.0
01:00	221.0	5.8	221.5	9.8	215.3	9.6	209.4	10.9	201.6
01:15	222.9	7.3	225.2	10.8	222.0	12.9	220.4	12.3	216.8
01:30	224.3	7.7	224.5	11.8	222.3	14.9	209.8	14.1	213.1
01:45	231.0	7.8	226.2	11.7	220.6	12.8	220.8	16.4	224.4
02:00	228.8	7.5	227.0	12.5	217.0	12.8	217.0	16.0	218.0
02:15	236.2	7.2	228.0	13.7	215.5	12.8	213.0	16.0	212.0
02:30	226.0	6.7	225.6	12.1	213.5	12.8	210.0	15.8	206.0
02:45	209.6	6.0	213.2	10.3	201.9	12.8	207.6	15.5	200.0
03:00	215.1	5.9	207.7	9.4	198.5	12.2	199.1	15.2	191.1
03:15	222.0	6.2	212.2	8.9	200.5	12.3	194.1	14.9	188.4
03:30	220.7	7.2	209.3	10.1	198.4	13.2	190.8	15.2	183.0
03:45	213.9	7.2	203.1	10.2	195.9	13.3	189.6	15.6	181.7
04:00	210.6	6.2	200.5	9.5	195.2	12.3	190.5	15.6	180.0
04:15	218.3	5.9	207.4	8.8	198.0	11.0	192.5	14.4	176.3
04:30	221.0	6.0	208.5	8.8	198.0	11.7	192.7	13.5	182.6
04:45	216.3	5.9	206.7	9.0	198.2	12.5	192.6	14.2	186.4
05:00	220.7	6.0	215.0	8.8	202.5	11.8	197.6	14.2	190.8
05:15	227.3	5.2	219.8	8.1	206.8	10.6	202.2	13.7	192.4
05:30	234.6	4.7	221.7	7.8	208.1	10.0	201.6	14.0	191.2
05:45	241.5	5.0	226.5	7.5	210.6	10.5	200.4	14.5	192.2
06:00	246.8	4.5	233.1	7.2	212.9	10.1	199.0	14.9	192.8
06:15	247.2	4.3	237.3	7.0	213.3	9.5	200.0	14.6	193.6
06:30	246.3	4.0	234.3	7.1	218.8	10.0	206.5	14.2	197.8
06:45	255.7	5.7	241.9	8.3	228.4	10.8	209.8	14.5	198.8
07:00	254.8	7.6	247.9	9.8	229.2	12.1	209.1	15.3	198.1
07:15	254.1	7.9	248.1	9.9	225.9	13.5	206.2	16.0	199.7
07:30	258.6	8.0	249.9	10.0	226.4	12.2	208.7	15.5	198.9
07:45	259.2	6.7	247.4	9.6	226.4	11.4	209.9	15.4	198.7
08:00	243.4	4.4	224.7	9.1	223.1	12.5	203.3	15.7	200.2
08:15	237.8	4.1	223.5	8.9	225.3	12.5	203.1	15.0	202.4
08:30	243.4	5.3	246.8	9.1	228.9	11.6	208.4	14.3	203.8
08:45	252.2	6.8	247.5	9.5	226.7	12.1	209.7	15.7	206.5
09:00	238.5	7.8	238.4	10.2	222.6	14.0	207.8	16.5	208.0
09:15	238.3	6.4	230.5	9.9	221.3	14.4	207.3	17.0	205.0
09:30	231.9	4.6	219.9	9.1	218.7	13.8	208.2	18.3	203.5
09:45	226.5	4.6	221.3	8.8	220.7	13.3	212.7	16.7	209.1
10:00	238.6	6.0	240.3	9.8	231.7	13.1	220.8	16.5	213.0
10:15	236.5	7.2	240.1	10.8	231.4	15.1	220.5	16.0	217.0
10:30	235.3	6.0	228.9	10.5	229.7	15.7	219.5	15.5	220.0
10:45	232.6	6.0	224.1	10.4	224.8	14.7	221.0	15.0	225.0
11:00	226.6	5.5	225.9	9.7	224.4	13.5	223.3	14.5	229.8
11:15	236.2	3.1	232.2	7.9	232.6	10.8	229.6	13.4	227.8
11:30	262.2	2.1	246.9	7.5	234.0	10.0	233.3	13.2	234.3
11:45	249.5	2.3	238.6	7.5	229.9	10.7	232.4	13.7	238.2
12:00	252.9	2.0	238.5	6.8	228.6	10.3	229.2	13.0	240.0
12:15	254.1	1.5	250.2	5.8	231.3	8.4	231.6	12.0	242.0
12:30	257.3	1.0	246.9	5.0	222.6	7.2	235.4	11.0	244.0

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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	11.3	169.2	13.8	169.2	16.3	166.3
00:15	10.0	170.0	12.5	169.2	16.3	168.1
00:30	11.0	171.0	13.0	170.0	16.0	169.6
00:45	12.0	172.0	13.0	171.0	16.0	171.1
01:00	13.0	173.0	13.0	172.0	16.0	172.6
01:15	14.0	174.0	13.5	173.0	16.0	174.1
01:30	15.0	175.0	14.0	174.0	16.0	175.6
01:45	15.0	176.0	14.5	175.0	16.0	177.1
02:00	16.0	177.0	14.5	176.0	16.0	178.6
02:15	17.0	178.0	15.0	177.0	16.0	180.1
02:30	18.0	180.0	15.5	178.0	16.0	181.6
02:45	19.0	182.0	16.0	179.0	15.7	183.1
03:00	19.5	183.7	16.5	180.0	15.7	184.6
03:15	19.0	183.0	17.0	181.0	15.7	186.1
03:30	18.8	182.0	17.0	182.0	15.7	187.6
03:45	18.5	180.0	17.5	183.0	15.7	189.1
04:00	18.2	179.8	18.0	184.0	15.7	190.6
04:15	17.3	184.0	18.5	185.0	15.7	192.1
04:30	12.7	183.7	18.7	185.4	15.7	193.6
04:45	13.9	182.3	18.1	183.3	15.7	195.1
05:00	17.1	186.5	19.7	186.4	15.7	196.6
05:15	17.7	188.5	21.3	187.2	15.7	198.1
05:30	18.0	189.0	20.0	193.0	15.7	199.6
05:45	19.0	190.0	19.0	198.0	15.7	201.1
06:00	19.8	191.6	17.0	202.0	15.7	202.6
06:15	17.4	195.9	15.3	206.6	15.7	204.1
06:30	14.9	199.4	17.1	202.7	15.4	213.8
06:45	14.5	204.0	15.8	210.0	16.5	215.1
07:00	16.2	202.0	16.4	209.0		
07:15	16.0	203.0				
07:30	15.0	205.0				
07:45	14.5	207.0				
08:00	15.0	214.0				
08:15	15.1	220.2				
08:30	16.9	219.5				
08:45	17.0	224.2				
09:00	17.0	218.0				
09:15	16.8	219.0				
09:30	16.6	220.0				
09:45	16.4	221.0				
10:00	16.2	222.0				
10:15	16.0	223.0				
10:30	15.8	224.0				
10:45	15.6	225.0				
11:00	15.4	226.0				
11:15	15.2	227.0				
11:30	15.0	228.0				
11:45	14.8	229.0				
12:00	14.6	230.0				
12:15	14.4	231.0				
12:30	14.2	232.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	14.0	233.0				
13:00	13.8	234.0				
13:15	13.6	235.0				
13:30	13.4	236.0				
13:45	13.2	237.0				
14:00	13.0	238.0				
14:15	12.8	239.0				
14:30	12.6	240.0				
14:45	12.4	241.0				
15:00	12.2	242.0				
15:15	12.0	243.0				
15:30	11.8	244.0				
15:45	11.6	245.0				
16:00	11.4	246.0				
16:15	11.2	247.0				
16:30	11.0	248.0				
16:45	10.8	249.0				
17:00	10.6	250.0				
17:15	9.7	244.9				
17:30	8.4	237.9				
17:45	7.5	258.9				
18:00	7.3	269.6				
18:15	6.7	267.4				
18:30	6.7	260.7				
18:45	6.8	267.6				
19:00	6.1	268.8				
19:15	5.3	268.8				
19:30	5.5	269.1				
19:45	5.6	269.6				
20:00	6.0	270.9				
20:15	6.2	270.8				
20:30	5.7	274.1				
20:45	5.6	273.0				
21:00	5.7	275.9				
21:15	5.9	268.5				
21:30	5.5	262.4				
21:45	5.1	262.5				
22:00	5.7	264.1				
22:15	7.0	265.3				
22:30	7.8	269.7				
22:45	8.1	275.4				
23:00	7.7	278.0				
23:15	7.4	280.4				
23:30	7.3	281.2				
23:45	7.5	280.0				
Avg	12.6	226.6	16.2	184.2	15.9	187.4
Max	19.8	281.2	21.3	210.0	16.5	215.1
Hr. of Max	24	94	21	27	27	27
Min	5.1	169.2	12.5	169.2	15.4	166.3
Count	96	96	29	29	28	28
Total						