

Daily Summary Report

Site: ORNL Sodar

12/12/2018

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	1.1	246.5	.8	211.4	2.6	227.5	3.1	227.5	1.6
00:15	1.1	258.4	1.0	220.4	2.8	233.8	3.2	230.3	2.1
00:30	1.0	238.2	1.3	233.7	3.4	236.5	3.5	234.8	1.3
00:45	1.8	240.2	2.2	238.1	4.0	240.1	4.3	237.4	1.1
01:00	1.9	244.4	2.6	232.5	4.5	239.9	4.7	238.9	.8
01:15	1.3	253.6	2.1	228.2	3.8	235.3	4.6	237.0	.7
01:30	1.2	259.0	1.3	226.9	3.4	230.0	3.6	235.9	.7
01:45	.9	258.6	1.0	226.5	3.3	230.7	2.7	240.2	.4
02:00	.5	271.1	1.1	226.4	2.3	228.1	1.8	237.3	.4
02:15	.9	256.3	1.1	229.0	1.7	230.0	1.7	233.1	.8
02:30	.9	247.9	1.0	228.3	1.6	234.6	2.1	236.5	1.3
02:45	.7	244.4	1.0	230.8	1.7	238.1	2.6	239.4	1.1
03:00	.7	286.1	1.1	235.4	2.1	235.2	3.0	237.4	1.5
03:15	1.0	291.3	1.4	239.9	2.7	233.3	3.5	235.6	3.3
03:30	.5	318.2	1.4	243.1	2.8	235.0	3.7	233.8	5.3
03:45	.3	350.5	1.2	235.1	2.6	235.9	3.6	234.9	5.6
04:00	1.5	265.2	1.3	232.7	2.8	237.6	4.1	242.8	5.6
04:15	1.7	255.0	1.3	233.1	2.4	241.2	4.3	244.4	5.0
04:30	1.8	265.0	.9	235.9	2.1	249.9	4.0	243.0	5.2
04:45	1.9	273.6	2.3	263.1	2.4	254.6	3.9	243.6	6.1
05:00	1.1	283.9	2.1	262.7	2.1	250.7	3.6	239.1	6.3
05:15	.7	271.9	1.7	253.5	2.4	246.8	4.0	236.2	6.9
05:30	.3	289.6	2.1	244.6	2.6	242.6	4.1	231.5	6.7
05:45	.4	46.9	1.3	245.5	2.0	234.4	3.7	225.7	6.5
06:00	.5	25.7	1.3	263.3	2.1	235.6	3.6	223.8	6.4
06:15	.2	26.4	.6	231.9	1.9	231.0	3.6	221.6	5.9
06:30	.2	72.9	.6	225.8	1.4	217.2	3.1	219.5	4.8
06:45	.4	180.6	.6	236.3	1.1	212.0	2.4	217.6	4.5
07:00	.4	215.0	.3	226.5	1.3	226.5	2.5	223.4	4.0
07:15	.5	245.3	.4	223.5	1.8	228.4	3.0	227.5	3.6
07:30	.7	262.6	.4	208.7	2.0	225.1	3.4	225.8	3.2
07:45	.5	253.2	.7	182.6	2.0	214.4	3.8	217.9	3.5
08:00	.3	212.9	1.1	187.1	1.9	200.7	3.7	209.0	4.8
08:15	.4	219.5	.8	187.6	1.3	199.2	2.7	201.4	4.5
08:30	.3	220.2	.3	199.3	1.1	192.2	2.2	202.1	4.5
08:45	.2	269.9	.2	199.7	1.5	206.0	2.6	214.4	4.7
09:00	.7	276.4	.6	271.8	1.5	240.9	2.7	232.9	5.0
09:15	1.8	276.4	1.6	280.6	2.0	263.8	2.9	243.7	5.2
09:30	1.4	279.1	2.4	279.1	3.2	263.5	3.5	246.4	5.5
09:45	.2	99.7	1.7	280.1	3.0	266.0	3.5	255.5	4.2
10:00	.9	88.9	1.6	282.3	2.6	266.6	3.6	261.5	3.9
10:15	.2	111.1	2.1	269.2	3.2	262.5	4.0	258.8	4.5
10:30	1.0	273.0	2.3	262.0	3.7	259.4	4.9	252.7	5.4
10:45	1.7	269.2	2.8	259.2	4.2	257.2	5.7	250.9	7.0
11:00	1.6	269.1	2.1	253.2	4.0	253.2	5.3	246.9	6.8
11:15	1.8	243.0	1.6	245.1	3.0	241.5	4.1	235.2	5.5
11:30	1.6	237.7	1.5	243.8	2.7	240.0	3.9	235.1	5.1
11:45	1.5	230.0	1.7	236.5	2.9	240.8	4.2	236.1	5.6
12:00	1.2	228.0	1.6	235.7	2.8	229.9	4.1	225.8	5.4
12:15	1.1	264.6	1.2	257.1	2.3	235.6	3.7	230.9	4.7
12:30	1.3	252.8	2.2	239.1	3.4	232.0	4.2	227.8	5.4

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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	239.5	.4	209.4	.2	359.2	.4	248.5		
00:15	238.7	.6	228.0	.2	43.7	.4	275.0		
00:30	232.6	1.1	245.1	.2	47.3	1.0	98.9		
00:45	234.4	1.5	246.3	.1	329.1	.5	248.6		
01:00	236.8	.9	238.9	.2	194.8	1.0	268.6		
01:15	230.0	.6	241.3	.1	257.5	1.8	272.0	4.3	272.7
01:30	203.5	.5	240.4	.3	284.3	2.5	266.0	4.7	274.8
01:45	197.4	.2	227.7	.3	282.1	1.1	255.4	2.5	280.8
02:00	229.1	.1	257.6	.3	271.3	.7	270.3	3.0	275.0
02:15	234.9	.3	233.4	.2	262.3	1.1	259.4	1.8	285.0
02:30	237.5	.6	212.9	.2	234.5	1.3	242.1	5.2	273.9
02:45	236.2	.4	226.2	.3	219.8	1.4	248.5	4.8	265.4
03:00	240.5	.9	244.0	.5	237.4	3.0	266.0	8.2	267.9
03:15	241.6	2.1	249.5	1.2	244.8	3.3	267.5	7.4	266.6
03:30	237.7	3.6	249.4	3.1	250.9	3.0	266.9	9.0	268.0
03:45	236.4	3.4	240.2	3.1	258.0	7.0	267.0	10.0	272.0
04:00	239.3	5.8	262.9	6.1	263.5	11.1	267.6	10.8	274.5
04:15	243.0	4.6	269.2	5.3	257.9	8.1	265.9	10.0	273.0
04:30	241.1	3.0	256.8	4.6	249.0	5.0	258.8	9.0	272.0
04:45	234.6	6.4	231.9	7.5	233.1	6.7	250.0	8.4	271.1
05:00	227.7	7.9	219.8	7.4	231.4	8.3	240.5	8.7	269.6
05:15	225.2	8.2	219.9	7.8	231.2	8.4	249.9	9.0	268.1
05:30	223.3	7.1	218.4	7.0	220.0	8.6	248.9	9.3	266.6
05:45	219.4	6.3	220.0	7.5	220.0	8.8	247.9	9.5	265.1
06:00	221.3	5.9	221.7	8.0	219.0	9.0	246.9	9.8	263.6
06:15	220.1	4.7	204.5	8.5	219.0	9.2	245.9	10.0	262.1
06:30	220.8	2.3	213.0	9.0	219.0	9.4	244.9	10.3	260.6
06:45	228.3	1.9	236.9	9.0	218.0	9.6	243.9	10.5	259.1
07:00	235.4	.9	232.6	9.5	218.0	9.8	242.9	10.8	257.6
07:15	244.9	1.0	245.6	9.5	218.0	10.0	241.4	11.0	256.1
07:30	231.4	.9	255.4	10.0	217.0	10.2	239.9	11.3	254.6
07:45	198.8	3.0	220.0	10.5	217.0	10.5	238.4	11.5	253.1
08:00	190.8	5.3	177.0	11.0	217.0	10.7	236.9	11.8	251.6
08:15	193.7	5.5	179.3	11.5	216.0	10.9	235.4	12.0	250.1
08:30	197.6	7.1	185.8	12.0	216.0	11.1	233.9	12.3	248.6
08:45	213.5	8.8	209.6	12.5	216.0	11.2	232.4	12.5	247.1
09:00	226.3	7.8	219.0	12.5	216.0	11.4	230.9	12.8	245.6
09:15	228.5	7.1	221.8	13.0	215.0	11.6	229.4	13.0	244.1
09:30	229.0	7.3	225.8	13.5	215.1	11.8	227.9	13.3	242.6
09:45	244.5	6.4	233.7	13.0	216.0	12.0	226.4	13.5	241.1
10:00	254.7	5.7	241.4	12.5	218.0	12.1	225.4	13.8	239.6
10:15	249.5	6.5	233.3	12.0	220.0	12.2	224.4	14.0	238.1
10:30	243.0	8.2	225.4	12.0	221.0	12.4	223.4	14.3	236.6
10:45	241.1	9.3	225.7	11.5	222.0	12.5	222.4	14.5	235.1
11:00	233.0	9.3	222.9	11.5	223.0	12.6	221.4	14.8	233.6
11:15	224.3	8.0	219.5	11.0	224.0	12.7	220.4	15.0	232.1
11:30	224.4	7.1	218.7	10.4	225.6	12.9	219.4	15.0	230.6
11:45	223.4	7.0	218.7	9.9	213.2	13.1	214.0	15.2	222.5
12:00	220.4	6.1	214.4	10.2	208.3	11.3	212.1	13.5	219.5
12:15	221.5	5.7	213.6	9.8	211.5	11.2	214.0	14.1	219.5
12:30	214.6	7.1	213.7	10.3	216.1	12.5	215.1	14.1	221.7

Daily Summary Report

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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	8.0	271.4				
01:45	7.7	269.0				
02:00	7.5	267.4				
02:15	8.1	268.9				
02:30	8.4	270.0				
02:45	8.6	270.7				
03:00	9.3	272.6				
03:15						
03:30						
03:45						
04:00						
04:15						
04:30						
04:45						
05:00						
05:15						
05:30						
05:45						
06:00						
06:15						
06:30						
06:45						
07:00						
07:15						
07:30						
07:45						
08:00						
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	16.0	225.3				
12:30	14.7	219.8	15.8	225.3	15.3	227.6

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	16.0	220.0	15.6	226.7	16.0	225.0
13:00	16.5	221.0	15.8	225.0	16.0	225.0
13:15	16.5	221.0	15.8	225.0	16.0	225.0
13:30	16.5	221.0	15.8	225.0	16.0	225.0
13:45	16.5	221.0	15.8	225.0	16.0	225.0
14:00	16.5	221.0	15.8	225.0	16.0	225.0
14:15	16.5	221.0	15.8	225.0	16.0	225.0
14:30	16.5	221.0	15.8	225.0	16.0	225.0
14:45	16.5	221.0	15.8	225.0	16.0	225.0
15:00	16.5	221.0	15.8	225.0	16.0	225.0
15:15	16.5	221.0	15.8	225.0	16.0	225.0
15:30	16.5	221.0	15.8	225.0	16.0	225.0
15:45	16.5	221.0	15.8	225.0	16.0	225.0
16:00	16.5	221.0	15.8	225.0	16.0	225.0
16:15	16.5	221.0	15.8	225.0	16.0	225.0
16:30	16.5	221.0	15.8	225.0	16.0	225.0
16:45	16.5	221.0	15.8	225.0	16.0	225.0
17:00	16.5	221.0	15.8	225.0	16.0	225.0
17:15	16.5	221.0	15.8	225.0	16.0	225.0
17:30	16.5	221.0	15.8	225.0	16.0	225.0
17:45	16.5	221.0	15.8	225.0	16.0	225.0
18:00	16.5	221.0	15.8	225.0	16.0	225.0
18:15	16.5	221.0	15.8	225.0	16.0	225.0
18:30	16.5	221.0	15.8	225.0	16.0	225.0
18:45	16.5	221.0	15.8	225.0	16.0	225.0
19:00	16.5	221.0	15.8	225.0	16.0	225.0
19:15	16.5	221.0	15.8	225.0	16.0	225.0
19:30	16.5	221.0	15.8	225.0	16.0	225.0
19:45	16.5	221.0	15.8	225.0	16.0	225.0
20:00	16.5	221.0	15.8	225.0	16.0	225.0
20:15	16.5	221.0	15.8	225.0	16.0	225.0
20:30	16.5	221.0	15.8	225.0	16.0	225.0
20:45	16.5	221.0	15.8	225.0	16.0	225.0
21:00	17.2	221.8	16.1	223.9	16.9	223.1
21:15	16.8	225.2	16.3	226.1	17.3	222.5
21:30	16.5	226.4	17.5	230.8	17.2	225.4
21:45	16.1	223.7	17.7	226.9	17.0	224.2
22:00	17.3	228.5	17.4	231.7	17.0	220.1
22:15	18.3	228.6	18.2	234.5	17.3	223.0
22:30	17.8	224.0	16.4	228.3	17.5	227.0
22:45	17.4	224.0	15.3	230.5	17.9	230.8
23:00	17.6	227.6	17.1	229.2	18.3	234.0
23:15	17.8	229.0	18.4	226.6	20.2	235.0
23:30	17.9	227.6	19.3	229.4	19.4	230.0
23:45	17.9	227.8	17.7	226.2	18.5	225.6
Avg	15.6	228.5	16.2	226.0	16.5	225.5
Max	18.3	272.6	19.3	234.5	20.2	235.0
Hr. of Max	89	12	94	89	93	93
Min	7.5	219.8	15.3	223.9	15.3	220.1
Count	54	54	46	46	46	46
Total						