

Daily Summary Report

Site: ORNL Sodar

4/20/2019

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	280.0	.7	224.0	1.1	232.0	1.0	235.0	.8
00:15	.2	343.0	.7	224.0	1.1	237.8	.9	237.2	.6
00:30	.3	317.9	1.0	217.1	1.3	241.9	1.3	236.1	.8
00:45	.3	305.0	1.1	218.1	1.4	227.4	1.5	216.3	.9
01:00	.2	248.2	1.0	226.4	1.3	232.1	1.3	219.3	.6
01:15	.3	210.0	1.0	229.9	1.4	240.1	1.5	224.5	1.0
01:30	.5	244.5	1.0	237.9	1.7	236.6	2.2	226.3	1.4
01:45	.5	261.1	.8	226.9	1.6	232.5	2.0	228.9	1.3
02:00	.4	277.1	1.0	222.3	1.4	234.2	1.7	223.3	1.0
02:15	.4	283.5	1.3	238.4	1.9	236.5	2.0	225.0	1.4
02:30	.6	268.8	1.1	241.6	1.8	236.6	2.2	236.5	2.7
02:45	.7	274.9	1.0	231.6	1.8	243.6	2.4	232.7	2.7
03:00	.8	281.3	1.2	239.5	1.9	234.1	2.4	220.5	1.7
03:15	.7	279.3	1.1	245.1	1.5	230.2	1.7	222.3	1.1
03:30	.4	298.4	.8	244.8	1.4	238.4	1.1	231.5	.6
03:45	.4	294.7	.8	247.7	1.3	242.3	1.1	234.8	.4
04:00	.5	285.8	.6	219.3	1.2	238.4	1.3	233.5	.8
04:15	.5	282.3	.7	213.9	1.3	227.6	1.3	233.1	.8
04:30	.4	278.0	.9	235.3	1.3	227.8	1.5	226.6	1.1
04:45	.4	302.3	.7	233.2	.9	228.7	1.1	216.6	1.0
05:00	.6	319.0	.4	232.1	.8	247.6	.8	229.0	.5
05:15	.7	316.9	.4	239.7	1.0	247.2	1.1	244.7	.7
05:30	.8	306.3	.6	225.0	.8	223.3	1.0	237.2	.6
05:45	.8	293.9	.4	228.0	.8	231.0	.8	228.4	.7
06:00	.9	300.0	.3	237.6	.7	246.0	.9	221.8	.8
06:15	.9	300.7	.5	239.0	.8	232.6	1.0	218.1	.7
06:30	.9	284.2	.5	214.7	.8	230.4	1.1	219.8	.5
06:45	.6	286.3	.4	186.8	.8	228.5	1.2	216.5	.6
07:00	.5	304.1	.5	169.7	.8	217.0	1.1	217.5	.8
07:15	.7	289.5	.5	181.6	.9	224.7	1.7	226.3	1.9
07:30	.7	289.8	.7	208.1	1.6	226.8	3.2	219.1	5.4
07:45	.3	336.4	.8	200.8	1.4	225.3	2.7	215.2	4.7
08:00	.2	16.3	.5	213.1	.7	235.7	1.2	217.6	1.6
08:15	.4	305.3	.5	211.4	.7	231.2	.8	216.7	.6
08:30	.3	292.4	.6	207.5	.9	240.7	1.0	234.8	1.0
08:45	.3	309.0	.6	206.2	1.4	250.5	1.7	249.7	2.2
09:00	.6	287.7	.5	187.5	1.2	237.8	1.9	239.1	1.5
09:15	.4	292.0	.5	184.6	1.0	229.2	1.7	228.9	1.5
09:30	.5	295.5	.4	197.5	.7	229.8	1.1	222.9	1.3
09:45	.8	272.6	.5	218.7	.5	223.3	.8	224.4	.7
10:00	.4	236.1	.4	216.8	1.0	216.7	1.6	219.8	1.0
10:15	.6	263.5	1.1	255.3	1.8	236.9	2.3	230.0	1.4
10:30	.8	266.0	2.3	256.0	3.3	251.8	4.1	252.3	2.5
10:45	.6	238.1	2.0	238.7	2.9	238.0	3.9	241.5	2.8
11:00	.7	259.0	1.8	218.3	2.3	222.9	3.1	221.8	2.9
11:15	.5	254.4	2.0	219.4	2.1	221.6	2.6	220.5	2.4
11:30	.4	245.3	2.1	220.6	2.0	223.4	2.1	219.7	1.2
11:45	.7	253.3	1.8	225.7	1.6	227.2	1.5	223.6	.9
12:00	.6	236.2	1.9	232.3	2.5	225.6	2.5	225.5	1.6
12:15	.9	232.5	2.2	227.9	3.0	222.6	3.6	215.9	2.4
12:30	.9	252.7	1.4	225.3	1.9	219.5	3.0	208.9	2.0

Daily Summary Report

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4/20/2019

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	212.0	.7	210.0	10.0	207.0	12.2	218.7	13.0	223.0
00:15	215.4	.6	202.7	10.1	207.0	12.2	218.7	12.4	223.7
00:30	225.0	2.5	192.1	10.2	200.4	12.9	224.2	12.3	222.3
00:45	218.0	5.1	184.5	10.4	196.9	12.2	222.2	13.7	226.0
01:00	221.8	2.0	197.4	10.5	199.4	11.8	218.7	13.2	224.3
01:15	221.2	2.0	209.8	10.3	209.2	12.5	217.9	12.4	222.9
01:30	224.6	3.1	197.9	9.4	198.7	13.4	219.2	13.6	222.0
01:45	227.2	3.1	201.0	9.1	203.3	12.9	221.2	13.4	220.8
02:00	229.1	2.2	211.8	10.1	222.3	12.3	225.2	14.0	217.2
02:15	219.4	2.9	210.3	11.3	227.0	13.2	231.0	15.3	221.0
02:30	232.7	6.0	223.2	11.8	227.8	13.6	230.8	15.4	226.4
02:45	232.0	7.9	218.4	12.1	227.2	14.2	228.0	15.0	228.0
03:00	218.3	3.5	219.1	10.9	223.9	13.1	226.4	13.4	222.0
03:15	234.5	2.0	237.4	10.3	225.2	13.0	224.9	13.7	222.4
03:30	257.7	1.5	232.0	9.7	222.9	14.4	220.8	13.5	223.0
03:45	261.7	.5	229.8	-999.9	-999.9	13.0	221.0	13.5	223.0
04:00	239.9	.7	214.0	-999.9	-999.9	12.0	221.0	13.0	224.0
04:15	250.0	.9	201.0	8.3	221.1	11.8	221.3	13.0	224.0
04:30	242.2	1.0	228.5	9.6	218.6	11.1	218.3	12.8	223.8
04:45	228.3	.9	227.2	7.8	204.4	9.2	213.4	11.4	222.0
05:00	228.3	.7	212.4	5.9	210.5	8.5	217.1	11.4	212.9
05:15	203.0	1.4	201.7	6.7	216.8	9.6	225.1	10.6	217.6
05:30	204.8	1.7	205.6	8.5	221.8	11.6	227.6	12.1	223.5
05:45	240.9	1.4	227.7	9.4	215.9	11.2	225.6	11.9	231.9
06:00	225.6	1.1	221.3	9.0	205.2	11.0	221.2	12.5	223.0
06:15	214.2	.5	235.2	7.7	197.3	11.3	220.0	13.9	221.1
06:30	237.8	.6	264.0	7.7	207.8	12.2	220.7	12.1	227.0
06:45	236.2	.7	257.0	6.0	242.0	11.6	225.4	12.1	226.6
07:00	221.6	2.1	247.4	9.1	218.7	10.5	224.0	13.5	219.0
07:15	240.7	4.5	244.0	9.7	223.9	11.4	224.3	14.0	224.5
07:30	211.3	5.8	232.3	10.6	226.4	11.6	223.6	13.8	223.0
07:45	209.5	5.6	223.2	10.6	224.0	11.5	230.5	13.5	222.0
08:00	241.8	2.5	239.7	9.9	227.4	10.6	235.6	13.5	221.0
08:15	246.2	.9	236.0	7.2	233.2	8.6	239.1	13.2	220.0
08:30	247.6	2.6	261.5	7.5	246.5	7.6	254.1	13.0	219.0
08:45	253.6	5.4	259.3	8.2	245.1	8.3	255.9	12.8	218.0
09:00	238.3	1.5	216.1	3.9	209.0	6.8	257.0	12.5	217.0
09:15	233.8	2.0	239.9	4.8	244.3	7.0	248.8	12.3	216.0
09:30	230.1	2.3	244.2	5.3	237.6	7.6	232.1	12.3	216.0
09:45	221.8	.9	239.5	4.1	237.1	6.1	229.3	12.3	215.0
10:00	226.2	1.0	233.8	4.6	240.2	6.3	229.0	12.0	214.0
10:15	226.3	1.5	246.6	-999.9	-999.9	7.0	222.0	12.0	213.0
10:30	252.4	2.7	256.3	6.0	250.4	7.5	215.0	12.0	212.0
10:45	238.5	2.7	237.8	7.6	225.6	8.0	209.0	12.0	212.0
11:00	210.1	3.4	198.4	7.8	197.1	9.0	202.0	12.0	211.0
11:15	210.8	2.4	197.1	7.3	187.2	9.7	196.2	12.0	210.8
11:30	209.9	.9	211.0	6.7	192.0	7.0	225.0	10.0	220.0
11:45	211.7	.7	230.8	-999.9	-999.9	7.5	223.0	10.0	221.0
12:00	219.2	1.2	217.1	4.9	213.4	8.2	2221.0	9.5	223.0
12:15	213.0	2.3	205.1	5.6	210.1	8.7	218.1	9.1	224.1
12:30	216.7	2.3	215.2	5.9	215.1	10.0	213.7	10.8	218.0

Daily Summary Report

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4/20/2019

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	15.0	224.0	13.9	221.6	15.0	224.0
00:15	14.6	220.0	13.9	221.6	14.0	221.0
00:30	14.5	222.4	14.6	223.8	13.9	218.4
00:45	15.1	221.3	15.7	224.3	14.9	219.3
01:00	14.5	223.5	15.3	220.8	14.7	223.1
01:15	13.9	224.5	12.8	227.3	14.4	223.4
01:30	13.8	223.6	14.9	228.4	13.4	220.2
01:45	15.2	221.2	14.3	221.0	13.4	221.0
02:00	16.0	216.0	14.5	223.0	13.4	221.0
02:15	16.0	222.0	15.0	225.0	13.4	221.0
02:30	16.0	227.1	15.5	227.0	13.3	221.0
02:45	15.2	230.2	15.9	228.5	13.3	221.0
03:00	14.5	224.9	15.5	226.0	13.3	221.0
03:15	14.0	224.0	15.5	224.0	13.3	222.0
03:30	13.5	224.0	15.0	222.0	13.3	221.0
03:45	13.0	224.0	14.5	220.0	13.2	222.0
04:00	12.5	224.0	14.0	219.0	13.2	222.0
04:15	12.0	224.0	13.5	217.0	13.2	222.0
04:30	11.9	224.1	13.3	216.7	13.2	221.9
04:45	12.5	220.0	12.9	222.0	13.5	223.5
05:00	13.1	219.1	13.1	220.4	-999.9	-999.9
05:15	12.8	223.3	12.0	221.0	-999.9	-999.9
05:30	12.5	226.1	11.3	222.3	-999.9	-999.9
05:45	11.5	230.0	12.7	227.0	-999.9	-999.9
06:00	13.2	225.8	15.0	227.5	-999.9	-999.9
06:15	13.9	223.1	16.8	219.2	-999.9	-999.9
06:30	14.0	224.0	-999.9	-999.9	-999.9	-999.9
06:45	14.5	224.0	-999.9	-999.9	-999.9	-999.9
07:00	16.0	224.0	-999.9	-999.9	-999.9	-999.9
07:15	16.6	224.7	-999.9	-999.9	-999.9	-999.9
07:30	16.3	225.0	-999.9	-999.9	-999.9	-999.9
07:45	16.0	225.0	-999.9	-999.9	-999.9	-999.9
08:00	15.8	225.0	-999.9	-999.9	-999.9	-999.9
08:15	15.5	225.0	-999.9	-999.9	-999.9	-999.9
08:30	15.3	225.0	-999.9	-999.9	-999.9	-999.9
08:45	15.0	225.0	-999.9	-999.9	-999.9	-999.9
09:00	14.8	225.0	-999.9	-999.9	-999.9	-999.9
09:15	14.5	225.0	-999.9	-999.9	-999.9	-999.9
09:30	14.0	225.0	-999.9	-999.9	-999.9	-999.9
09:45	13.8	225.0	-999.9	-999.9	-999.9	-999.9
10:00	13.4	225.0	-999.9	-999.9	-999.9	-999.9
10:15	13.0	225.0	-999.9	-999.9	-999.9	-999.9
10:30	12.7	225.0	-999.9	-999.9	-999.9	-999.9
10:45	12.3	225.0	-999.9	-999.9	-999.9	-999.9
11:00	12.0	225.0	-999.9	-999.9	-999.9	-999.9
11:15	11.6	225.0	-999.9	-999.9	-999.9	-999.9
11:30	11.3	225.0	-999.9	-999.9	-999.9	-999.9
11:45	10.9	225.0	-999.9	-999.9	-999.9	-999.9
12:00	10.6	225.0	-999.9	-999.9	-999.9	-999.9
12:15	10.3	225.0	-999.9	-999.9	-999.9	-999.9
12:30	10.1	226.7	-999.9	-999.9	-999.9	-999.9

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	10.4	225.1	-999.9	-999.9	-999.9	-999.9
13:00	10.5	226.0	-999.9	-999.9	-999.9	-999.9
13:15	10.6	226.0	-999.9	-999.9	-999.9	-999.9
13:30	10.7	226.0	-999.9	-999.9	-999.9	-999.9
13:45	10.8	227.0	-999.9	-999.9	-999.9	-999.9
14:00	10.9	227.0	-999.9	-999.9	-999.9	-999.9
14:15	11.0	227.6	-999.9	-999.9	-999.9	-999.9
14:30	11.1	226.5	-999.9	-999.9	-999.9	-999.9
14:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:30	9.4	281.2	-999.9	-999.9	-999.9	-999.9
22:45	10.2	281.8	-999.9	-999.9	-999.9	-999.9
23:00	10.5	293.0	-999.9	-999.9	-999.9	-999.9
23:15	11.0	302.7	12.6	312.4	14.6	315.7
23:30	11.3	307.3	14.5	320.4	15.8	323.8
23:45	10.8	313.1	13.2	321.4	15.4	324.3
Avg	-314.0	-166.4	-693.6	-627.5	-757.0	-704.2
Max	16.6	313.1	16.8	321.4	15.8	324.3
Hr. of Max	29	95	25	95	94	95
Min	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
Count	96	96	96	96	96	96
Total						