

Daily Summary Report

Site: ORNL Sodar

4/12/2019

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	.5	153.7	1.4	137.3	3.0	155.9	4.5	164.2	7.0
00:15	.8	157.0	2.4	135.6	3.8	152.6	5.2	160.9	7.4
00:30	1.0	164.2	2.8	146.3	4.0	155.6	5.0	162.0	5.0
00:45	.5	173.8	2.1	157.4	3.1	160.3	3.9	165.1	2.9
01:00	.2	140.9	1.5	157.3	2.9	160.9	4.0	165.1	3.0
01:15	.7	157.4	2.4	161.8	3.8	166.6	5.3	168.0	2.0
01:30	1.8	171.2	3.3	175.9	5.2	172.7	7.1	173.6	2.0
01:45	1.6	177.2	3.2	179.8	5.1	172.8	6.6	175.8	2.3
02:00	1.4	179.7	2.8	179.4	4.4	174.3	5.9	177.4	7.2
02:15	2.5	179.7	2.7	183.0	4.8	179.6	6.7	179.8	8.1
02:30	2.3	181.0	3.9	182.3	6.1	182.5	7.6	181.8	9.3
02:45	3.0	180.0	5.3	180.2	7.6	179.5	9.0	179.4	10.6
03:00	2.0	167.0	6.0	179.4	8.2	176.1	9.0	176.2	10.5
03:15	2.0	150.0	5.6	181.1	8.5	177.3	9.0	178.0	10.8
03:30	7.0	176.7	6.1	182.0	9.0	179.2	10.2	179.5	10.6
03:45	2.8	175.5	6.7	181.4	9.3	180.8	10.7	181.0	9.2
04:00	2.7	172.7	6.5	181.6	9.0	182.9	10.6	182.4	9.8
04:15	4.0	176.9	5.1	186.0	7.5	185.8	9.5	184.6	10.3
04:30	.9	178.2	3.1	196.3	6.2	186.4	7.9	184.9	8.8
04:45	.3	190.6	2.6	198.4	5.2	184.5	6.5	183.7	3.1
05:00	.4	179.5	2.5	197.7	4.1	185.8	5.6	185.9	4.4
05:15	.4	201.4	2.1	198.8	3.1	190.8	3.7	189.5	2.8
05:30	.2	234.0	2.3	184.9	3.2	183.8	4.5	180.5	.9
05:45	.2	221.2	1.8	181.2	3.3	177.2	4.3	173.3	1.4
06:00	.5	257.2	1.1	191.5	2.8	185.9	2.9	181.8	2.3
06:15	.9	253.0	1.8	197.7	3.6	188.1	5.6	184.3	7.9
06:30	1.1	210.0	2.9	199.7	4.9	184.0	7.7	181.2	8.6
06:45	.9	209.2	2.3	199.7	5.2	181.8	6.4	180.9	5.1
07:00	.6	224.1	1.9	189.0	2.4	184.4	1.2	187.4	.1
07:15	.5	205.0	1.2	176.5	1.2	189.4	1.0	183.3	.7
07:30	.4	215.9	.9	208.5	1.3	193.7	1.9	191.9	2.0
07:45	.3	215.8	1.3	203.7	2.3	188.4	3.4	192.5	5.1
08:00	1.0	184.9	1.5	184.7	4.0	186.0	5.8	194.7	7.7
08:15	.7	205.4	1.5	203.7	3.9	187.4	4.9	193.5	6.0
08:30	.3	239.2	1.4	194.6	3.0	184.7	2.1	179.2	.7
08:45	.2	177.8	1.6	186.0	3.3	184.7	5.1	178.7	4.2
09:00	.4	199.3	1.1	198.8	2.4	187.1	4.7	178.2	3.6
09:15	.5	230.2	2.2	211.0	4.5	194.8	7.1	191.0	8.8
09:30	2.8	264.8	3.6	232.1	6.0	221.2	7.9	211.2	8.4
09:45	4.5	258.8	5.8	247.4	8.3	231.6	10.8	228.7	10.1
10:00	2.2	237.4	6.0	226.9	9.1	221.5	11.3	221.2	11.6
10:15	2.6	213.7	4.4	221.7	7.9	211.6	9.2	214.1	10.1
10:30	3.1	207.6	3.5	229.7	6.4	217.5	7.6	219.8	9.6
10:45	1.6	238.6	3.4	233.7	5.2	228.6	6.8	231.4	8.7
11:00	1.4	243.5	3.4	236.7	5.3	226.8	6.8	229.1	8.8
11:15	1.3	233.0	2.8	234.0	5.1	221.9	6.4	223.7	9.0
11:30	.5	224.8	1.6	220.8	3.8	205.1	5.3	206.5	8.1
11:45	.2	136.4	1.5	176.1	3.3	184.0	5.3	185.9	7.0
12:00	.4	182.5	1.9	182.8	4.0	183.3	5.4	185.5	5.8
12:15	.9	189.1	2.4	187.0	4.2	186.8	4.8	187.5	4.7
12:30	.9	179.8	3.3	182.9	3.6	182.4	3.7	183.0	4.0

Daily Summary Report

Site: ORNL Sodar

4/12/2019

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	169.9	8.7	169.4	9.1	169.9	10.6	157.9	10.8	144.6
00:15	169.7	8.3	167.5	10.4	156.2	10.7	147.0	-999.9	-999.9
00:30	165.0	6.5	168.0	8.5	163.0	10.6	150.0	-999.9	-999.9
00:45	162.0	5.0	168.2	7.9	170.7	10.6	153.0	-999.9	-999.9
01:00	172.0	6.3	173.8	6.8	176.5	10.6	156.0	-999.9	-999.9
01:15	171.4	3.0	173.6	3.5	161.4	10.6	158.0	-999.9	-999.9
01:30	171.5	.9	157.8	.5	125.4	10.6	160.0	-999.9	-999.9
01:45	172.3	1.1	174.1	5.0	150.0	10.6	163.0	-999.9	-999.9
02:00	176.8	9.6	179.7	11.5	177.7	10.6	166.0	-999.9	-999.9
02:15	179.0	10.0	179.5	11.7	178.3	10.6	168.5	-999.9	-999.9
02:30	179.9	10.4	179.5	12.3	179.5	10.8	179.0	-999.9	-999.9
02:45	179.3	11.4	178.6	13.1	176.5	15.6	177.1	-999.9	-999.9
03:00	177.3	11.7	177.0	12.4	165.6	-999.9	-999.9	-999.9	-999.9
03:15	177.4	11.2	177.1	12.0	168.0	-999.9	-999.9	-999.9	-999.9
03:30	178.4	9.9	178.0	12.0	172.0	-999.9	-999.9	-999.9	-999.9
03:45	178.9	9.9	178.2	11.8	175.9	-999.9	-999.9	-999.9	-999.9
04:00	180.6	10.6	179.2	10.3	178.0	-999.9	-999.9	-999.9	-999.9
04:15	182.4	11.4	180.3	9.8	181.5	-999.9	-999.9	-999.9	-999.9
04:30	182.7	11.4	181.2	10.0	183.0	-999.9	-999.9	-999.9	-999.9
04:45	184.0	9.0	182.0	10.3	186.0	-999.9	-999.9	-999.9	-999.9
05:00	182.3	8.0	182.0	10.5	189.0	-999.9	-999.9	-999.9	-999.9
05:15	186.1	6.6	181.8	10.8	191.0	-999.9	-999.9	-999.9	-999.9
05:30	173.5	1.7	173.7	11.0	192.0	-999.9	-999.9	-999.9	-999.9
05:45	155.4	1.7	155.7	11.3	194.0	-999.9	-999.9	-999.9	-999.9
06:00	172.1	.5	202.5	11.5	195.0	-999.9	-999.9	-999.9	-999.9
06:15	181.7	.5	203.0	11.8	196.0	-999.9	-999.9	-999.9	-999.9
06:30	180.0	.5	205.0	12.0	198.0	-999.9	-999.9	-999.9	-999.9
06:45	177.0	.5	206.0	12.3	199.0	-999.9	-999.9	-999.9	-999.9
07:00	204.2	.5	207.1	12.3	201.0	-999.9	-999.9	-999.9	-999.9
07:15	229.0	.7	186.2	12.5	202.0	-999.9	-999.9	-999.9	-999.9
07:30	198.1	4.0	185.0	12.5	203.0	-999.9	-999.9	-999.9	-999.9
07:45	183.1	8.5	185.2	12.8	204.0	-999.9	-999.9	-999.9	-999.9
08:00	180.8	8.8	180.4	13.0	205.0	-999.9	-999.9	-999.9	-999.9
08:15	185.0	9.3	184.1	13.0	206.0	-999.9	-999.9	-999.9	-999.9
08:30	232.4	9.2	185.0	13.2	207.0	-999.9	-999.9	-999.9	-999.9
08:45	186.9	9.2	185.0	13.2	208.0	-999.9	-999.9	-999.9	-999.9
09:00	194.9	9.2	185.4	13.2	208.0	-999.9	-999.9	-999.9	-999.9
09:15	189.8	9.5	188.2	13.4	209.4	-999.9	-999.9	-999.9	-999.9
09:30	214.4	9.5	210.1	12.3	212.0	-999.9	-999.9	-999.9	-999.9
09:45	232.6	14.1	226.7	13.0	218.0	-999.9	-999.9	-999.9	-999.9
10:00	226.6	14.0	223.4	14.5	224.6	-999.9	-999.9	-999.9	-999.9
10:15	218.8	12.3	224.9	14.3	225.1	16.4	228.5	-999.9	-999.9
10:30	222.2	11.4	226.6	15.1	228.3	16.2	230.7	-999.9	-999.9
10:45	227.8	10.7	226.6	14.4	230.5	16.0	227.0	-999.9	-999.9
11:00	227.1	10.7	227.8	13.3	232.8	15.0	225.0	-999.9	-999.9
11:15	221.5	10.3	226.4	13.0	232.3	14.0	223.0	-999.9	-999.9
11:30	207.7	9.3	216.2	12.6	222.6	13.0	220.0	-999.9	-999.9
11:45	191.8	8.6	200.4	10.8	209.1	12.5	218.0	-999.9	-999.9
12:00	190.7	7.6	198.2	9.5	208.4	12.1	215.0	13.2	221.0
12:15	191.7	6.3	198.1	8.4	206.7	11.1	214.8	12.8	216.9
12:30	182.3	6.1	180.3	8.1	192.8	9.3	209.8	10.1	214.5

Daily Summary Report

Site: ORNL Sodar

4/12/2019

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	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
12:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
12:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
12:30	-999.9	-999.9	-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	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
13:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
13:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
13:30	13.4	224.7	-999.9	-999.9	-999.9	-999.9
13:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
14:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
14:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
14:30	-999.9	-999.9	-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	9.0	270.6	-999.9	-999.9	-999.9	-999.9
20:30	11.5	256.1	-999.9	-999.9	-999.9	-999.9
20:45	11.7	247.1	-999.9	-999.9	-999.9	-999.9
21:00	10.8	248.3	11.3	233.0	-999.9	-999.9
21:15	10.2	245.6	10.7	232.0	11.5	226.8
21:30	10.3	233.1	10.7	231.8	-999.9	-999.9
21:45	10.9	228.3	11.0	232.0	-999.9	-999.9
22:00	9.8	236.2	11.5	232.0	-999.9	-999.9
22:15	9.9	231.8	11.5	233.0	-999.9	-999.9
22:30	10.8	227.7	12.0	233.5	-999.9	-999.9
22:45	-999.9	-999.9	12.0	250.0	-999.9	-999.9
23:00	-999.9	-999.9	13.0	265.0	-999.9	-999.9
23:15	-999.9	-999.9	14.0	280.0	-999.9	-999.9
23:30	-999.9	-999.9	15.0	300.0	-999.9	-999.9
23:45	14.8	314.2	15.4	317.6	-999.9	-999.9
Avg	-873.5	-844.0	-873.4	-843.2	-989.4	-987.1
Max	14.8	314.2	15.4	317.6	11.5	226.8
Hr. of Max	95	95	95	95	85	85
Min	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
Count	96	96	96	96	96	96
Total						