

Daily Summary Report

Site: ORNL Sodar

3/28/2018

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	2.3	198.3	1.6	208.9	3.1	214.8	3.9	211.7	5.2
00:15	.9	205.6	.8	206.6	2.1	221.8	2.5	220.3	2.9
00:30	.5	210.8	.5	244.2	1.0	234.6	1.3	228.7	1.9
00:45	.6	235.2	.7	260.1	.7	261.3	.9	241.6	1.5
01:00	.8	214.2	.6	243.7	1.1	255.7	1.1	242.0	1.9
01:15	.7	193.7	.6	229.1	1.5	248.1	1.7	241.8	2.7
01:30	.5	170.1	.4	259.7	1.8	254.1	2.5	244.1	3.2
01:45	.4	163.9	.6	265.3	2.4	260.5	2.8	247.9	3.1
02:00	.2	180.3	.7	242.6	2.5	258.1	2.7	249.1	2.3
02:15	.2	153.1	.8	231.3	2.3	266.7	2.8	262.2	2.0
02:30	.2	118.3	.8	245.5	2.4	277.4	3.4	271.3	2.4
02:45	.1	93.4	1.1	262.2	2.9	272.4	3.8	265.9	2.6
03:00	.2	275.3	.8	253.8	2.6	267.9	3.5	260.1	2.7
03:15	.2	267.4	.4	188.1	1.3	264.9	2.5	255.2	2.8
03:30	.2	261.0	.5	154.5	1.2	268.7	2.7	258.6	2.7
03:45	.2	253.5	.4	183.3	1.7	267.2	3.1	258.6	2.4
04:00	.4	256.0	.7	251.7	1.9	263.4	2.9	253.2	1.9
04:15	.8	264.2	1.2	260.2	2.4	256.4	3.3	249.4	2.0
04:30	.9	264.6	1.4	250.9	2.8	249.9	3.8	247.8	4.0
04:45	.6	257.5	1.0	239.7	2.3	245.1	3.3	243.4	5.0
05:00	.7	258.7	1.0	249.0	2.1	246.7	3.6	243.3	5.0
05:15	.8	258.3	1.1	250.0	2.3	250.4	3.9	245.4	5.3
05:30	.4	243.0	.8	237.9	2.1	249.6	3.8	244.6	5.0
05:45	.5	249.1	.8	238.1	1.9	249.4	3.9	251.1	4.8
06:00	.4	254.1	.4	181.9	2.2	252.0	4.1	252.2	4.9
06:15	.3	251.1	.4	146.1	1.9	248.7	4.2	247.5	5.5
06:30	.2	243.6	.4	162.7	1.1	247.6	3.1	248.1	5.4
06:45	.1	204.8	.4	141.6	1.1	253.7	2.8	247.2	4.9
07:00	.2	121.8	.4	171.4	1.3	246.6	3.3	246.4	5.0
07:15	.3	108.4	.6	192.6	2.0	238.5	3.7	241.8	5.5
07:30	.3	96.7	.8	188.8	2.7	235.4	3.9	236.8	6.0
07:45	.2	98.7	1.0	193.9	2.9	233.9	3.9	236.5	6.1
08:00	.2	118.4	.8	199.3	2.2	228.4	3.5	233.6	5.5
08:15	.2	240.6	.6	204.7	1.9	232.2	3.4	235.8	5.3
08:30	.3	257.6	.4	195.6	1.5	243.9	2.9	237.3	5.0
08:45	.3	260.9	.2	150.7	.8	249.1	2.1	233.0	4.6
09:00	.5	266.4	.3	182.7	1.6	245.8	2.8	233.4	5.0
09:15	.3	261.6	.4	204.1	1.5	232.9	2.9	219.2	4.7
09:30	.3	242.6	.7	200.6	1.6	217.3	3.1	206.8	5.0
09:45	.5	268.1	.6	216.9	1.7	229.2	3.1	215.8	5.0
10:00	.7	253.6	1.1	249.3	2.0	246.8	3.1	235.1	4.7
10:15	.8	250.7	1.5	253.8	2.3	247.4	3.7	239.9	5.3
10:30	1.2	268.7	1.2	265.7	2.3	253.5	3.7	240.2	5.6
10:45	2.0	270.4	1.2	266.0	2.9	249.8	4.1	238.7	6.0
11:00	2.3	269.9	2.0	255.1	3.2	237.6	4.3	225.7	6.1
11:15	2.2	258.1	3.1	249.4	3.6	231.3	5.0	219.5	6.4
11:30	2.0	259.2	3.3	261.1	3.5	240.8	4.9	227.6	5.6
11:45	2.1	271.3	2.8	268.9	3.6	257.6	4.1	245.5	4.5
12:00	1.5	266.5	2.2	261.5	3.4	254.8	4.0	246.9	4.6
12:15	1.3	262.3	2.3	253.8	3.5	244.4	4.1	238.9	4.5

Daily Summary Report

Site: ORNL Sodar

3/28/2018

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	210.7	7.2	212.9	9.6	215.9	11.6	212.3	13.4	211.8
00:15	223.0	5.3	219.1	7.8	216.0	9.5	216.3	12.9	212.5
00:30	232.6	3.8	223.8	6.7	219.4	8.6	216.9	11.8	211.1
00:45	236.3	3.0	221.6	6.2	218.4	8.0	215.4	11.3	210.7
01:00	228.1	3.7	220.8	6.8	215.8	9.3	213.3	12.4	210.8
01:15	221.0	4.6	216.3	7.4	216.9	10.6	209.5	13.5	208.8
01:30	220.9	4.7	213.7	7.6	215.7	10.4	206.5	12.8	208.9
01:45	232.9	4.1	219.8	7.5	215.8	10.2	206.7	12.4	208.8
02:00	240.5	4.2	215.7	6.9	214.7	9.9	208.3	13.0	207.8
02:15	245.7	3.5	222.1	6.1	212.5	9.0	210.8	12.8	208.3
02:30	253.0	2.9	250.1	5.7	213.1	8.3	214.4	12.4	209.1
02:45	255.9	3.1	258.3	5.8	215.5	8.6	215.3	12.0	209.2
03:00	256.5	2.7	246.3	6.0	217.7	8.9	211.9	12.2	208.3
03:15	249.1	3.3	233.6	6.8	216.0	8.9	209.0	12.6	207.7
03:30	246.6	3.7	231.4	7.4	217.1	9.4	207.6	12.6	208.5
03:45	246.1	3.5	229.8	7.2	218.1	9.4	205.3	12.6	208.0
04:00	243.1	3.8	213.4	7.6	216.4	9.6	203.6	13.3	205.4
04:15	244.7	3.9	216.0	8.4	216.3	9.9	204.9	13.5	206.1
04:30	243.9	5.8	236.1	8.7	214.4	10.5	205.6	13.8	207.7
04:45	240.2	6.1	239.2	8.9	213.3	11.3	203.3	14.6	206.9
05:00	239.1	6.2	232.6	9.0	216.1	11.4	203.1	14.9	205.2
05:15	238.8	6.9	224.7	9.6	215.9	11.8	203.2	15.0	205.9
05:30	235.9	6.5	229.1	9.8	214.5	12.5	203.2	14.2	205.8
05:45	237.0	6.3	235.8	9.4	215.2	12.9	205.6	14.8	208.5
06:00	239.9	6.3	233.3	9.6	216.6	12.5	211.3	14.3	214.0
06:15	239.5	6.8	228.6	9.7	215.1	12.8	212.5	14.0	214.4
06:30	240.7	7.0	231.4	10.0	216.2	12.9	208.4	14.5	217.2
06:45	240.9	7.1	229.9	10.3	215.8	12.9	210.0	13.1	213.0
07:00	242.8	7.5	227.9	10.9	213.6	13.4	211.1	14.9	211.2
07:15	236.7	8.7	226.4	11.9	216.2	13.7	206.8	16.1	207.8
07:30	226.1	8.6	221.5	11.1	211.3	14.1	203.5	16.0	214.0
07:45	228.1	7.9	222.5	10.8	209.9	14.4	199.8	15.0	218.0
08:00	229.6	7.6	224.2	10.9	212.9	14.1	201.7	14.0	221.0
08:15	228.5	7.7	220.9	11.3	214.0	12.9	208.8	14.0	224.0
08:30	228.5	7.5	221.9	11.3	217.4	12.4	215.6	13.4	226.1
08:45	231.6	7.4	228.3	11.4	218.1	13.7	211.6	13.7	226.8
09:00	231.4	7.6	225.7	11.8	215.1	13.2	214.7	14.0	225.0
09:15	222.4	7.1	218.4	11.5	212.4	13.5	220.7	14.0	223.0
09:30	212.8	7.6	215.8	12.1	209.1	14.3	217.6	14.0	221.1
09:45	216.2	7.8	217.6	12.7	210.3	15.1	215.9	13.6	223.3
10:00	227.5	7.2	223.2	11.2	216.8	15.0	213.3	14.0	224.5
10:15	228.9	7.1	224.6	10.6	219.1	14.4	214.9	15.4	216.9
10:30	231.3	7.3	224.8	10.8	221.1	13.2	218.0	14.4	216.9
10:45	226.4	8.0	219.8	10.8	217.9	13.0	217.8	15.4	220.0
11:00	216.2	8.0	214.4	10.5	211.9	13.3	216.5	15.5	221.0
11:15	213.8	8.7	212.7	10.8	214.2	12.7	215.3	13.8	223.4
11:30	214.9	7.9	211.6	10.1	211.0	12.8	214.4	14.2	217.8
11:45	230.0	6.1	226.3	9.7	214.6	12.0	215.7	14.0	214.8
12:00	232.7	6.6	227.3	10.4	219.1	11.6	216.9	12.4	215.5
12:15	229.3	6.7	219.5	9.9	218.6	11.5	214.4	12.5	217.1

Daily Summary Report

Site: ORNL Sodar

3/28/2018

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	15.3	223.1	16.5	217.0	15.0	223.3
00:15	14.6	223.4	16.8	217.0	15.0	223.2
00:30	13.5	220.4	17.0	217.0	15.0	223.1
00:45	13.6	215.8	17.0	217.0	15.0	223.0
01:00	15.4	212.5	17.1	217.0	15.0	222.9
01:15	16.8	210.6	17.3	217.0	15.0	222.8
01:30	16.4	209.5	17.4	217.5	15.0	222.7
01:45	15.6	210.2	17.6	216.2	15.0	222.6
02:00	15.3	213.4	16.0	220.0	15.0	222.5
02:15	15.0	215.6	16.0	224.0	15.0	222.4
02:30	15.8	211.4	14.2	227.1	15.0	222.3
02:45	15.9	211.2	14.0	226.0	15.0	222.2
03:00	14.2	217.0	13.7	226.0	15.0	222.1
03:15	13.3	219.9	13.5	225.0	15.0	222.0
03:30	13.7	215.0	13.0	224.0	15.0	221.9
03:45	14.1	211.5	12.5	223.0	15.0	221.8
04:00	13.2	217.9	12.0	223.0	15.0	221.7
04:15	14.1	216.6	11.8	222.0	15.0	221.6
04:30	15.0	213.5	11.5	222.0	15.0	221.5
04:45	14.3	218.5	11.3	222.0	15.0	221.4
05:00	11.5	226.3	11.0	222.0	15.0	221.3
05:15	11.8	226.5	10.8	221.8	15.0	221.2
05:30	14.9	220.9	11.5	229.3	15.0	221.1
05:45	14.5	218.0	12.0	224.0	15.0	221.0
06:00	14.5	218.0	12.0	225.0	15.0	220.9
06:15	14.5	218.4	12.2	224.8	15.0	220.8
06:30	14.6	218.8	12.3	224.6	15.0	220.7
06:45	14.6	219.2	12.4	224.4	15.0	220.6
07:00	14.6	219.6	12.6	224.2	15.0	220.5
07:15	14.7	220.0	12.8	224.0	15.0	220.4
07:30	14.7	220.4	12.9	223.8	15.0	220.3
07:45	14.7	220.8	13.1	223.6	15.0	220.2
08:00	14.7	221.2	13.2	223.4	15.0	220.1
08:15	14.8	221.6	13.3	223.2	15.0	220.0
08:30	14.8	222.0	13.5	223.0	15.0	219.9
08:45	14.8	222.4	13.7	222.8	15.0	219.8
09:00	14.9	222.8	13.8	222.6	15.0	219.7
09:15	14.9	223.2	13.9	222.4	15.0	219.6
09:30	14.9	223.6	14.1	222.2	15.0	219.5
09:45	14.9	224.0	14.3	222.0	15.0	219.4
10:00	15.0	224.4	14.4	221.8	15.0	219.3
10:15	15.0	224.8	14.6	221.6	15.0	219.2
10:30	15.0	225.2	14.7	221.4	15.0	219.1
10:45	15.1	227.6	14.8	221.2	15.0	219.0
11:00	14.8	226.4	14.4	219.8	15.0	218.9
11:15	14.9	227.1	14.5	226.6	15.0	218.8
11:30	15.5	218.2	15.1	228.6	15.0	218.7
11:45	15.3	214.2	16.4	223.9	14.7	214.5
12:00	15.7	222.5	16.0	221.1	14.2	219.3
12:15	14.6	222.5	14.4	216.8	12.9	220.0

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	14.5	215.0	13.3	214.2	13.7	219.1
12:45	14.4	215.6	14.5	216.4		
13:00	15.9	220.1	16.3	217.1		
13:15						
13:30						
13:45						
14:00						
14:15						
14:30						
14:45						
15:00						
15:15						
15:30						
15:45						
16:00						
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						
17:45						
18:00						
18:15						
18:30						
18:45						
19:00						
19:15						
19:30						
19:45						
20:00						
20:15						
20:30						
20:45						
21:00						
21:15						
21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	14.7	219.2	14.1	222.0	14.9	220.8
Max	16.8	227.6	17.6	229.3	15.0	223.3
Hr. of Max	05	43	07	22	46	00
Min	11.5	209.5	10.8	214.2	12.9	214.5
Count	53	53	53	53	51	51
Total						