

Daily Summary Report

Site: ORNL Sodar

3/27/2018

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	213.9	1.3	245.4	2.3	242.6	3.2	241.4	4.6
00:15	.1	290.9	1.3	235.5	2.7	237.0	3.8	235.2	5.1
00:30	.5	191.6	1.7	218.9	3.4	230.1	4.3	224.3	5.4
00:45	.4	198.7	1.4	231.7	2.7	233.4	3.8	224.2	4.8
01:00	1.0	155.2	.9	255.2	1.8	246.3	2.9	235.2	3.9
01:15	.7	175.0	.8	259.8	1.9	255.5	2.9	248.3	4.1
01:30	.5	195.0	1.1	264.4	2.2	244.7	3.1	240.2	4.5
01:45	.3	217.5	1.8	260.8	2.5	233.1	3.5	228.8	5.0
02:00	.7	227.2	1.2	248.2	1.9	225.8	3.1	232.4	4.9
02:15	1.1	240.1	1.0	244.5	1.7	238.5	3.1	242.1	4.7
02:30	.6	249.1	1.3	252.3	1.9	247.7	3.6	244.8	5.1
02:45	.4	249.2	1.5	253.0	2.4	239.9	3.7	237.4	5.3
03:00	.6	252.6	1.9	251.3	2.8	236.7	4.0	234.5	5.3
03:15	.3	137.5	1.4	246.1	2.4	230.0	3.7	233.7	5.2
03:30	.4	106.4	1.0	241.5	1.9	228.4	3.1	232.1	5.0
03:45	.4	111.7	.8	245.6	1.5	241.0	2.4	238.8	4.1
04:00	.4	107.2	.7	245.9	1.4	245.7	2.1	246.4	3.7
04:15	.3	95.8	.9	230.5	1.5	233.1	2.5	233.0	4.1
04:30	.3	105.1	1.6	229.3	2.5	224.8	3.5	220.6	5.1
04:45	.3	98.3	1.4	229.1	2.2	228.1	3.2	223.1	4.7
05:00	.3	86.6	.7	233.9	1.1	225.3	2.3	219.1	3.7
05:15	.4	75.3	.7	247.6	1.3	223.6	2.5	218.3	3.9
05:30	.4	69.1	.7	237.5	1.8	227.2	3.0	223.8	4.4
05:45	.4	74.1	.7	240.2	1.4	227.2	2.6	234.5	4.4
06:00	.4	78.4	1.0	261.7	1.0	235.2	2.1	244.0	4.0
06:15	.3	93.3	1.1	255.7	1.2	236.8	1.9	228.2	3.2
06:30	.4	97.7	1.0	241.3	1.1	235.1	1.4	230.3	2.4
06:45	.4	86.9	.9	239.2	1.2	219.6	1.5	220.7	2.3
07:00	.3	89.3	.8	241.1	1.1	215.9	1.3	211.1	2.8
07:15	.3	87.2	.7	243.4	.7	230.0	.8	235.7	2.5
07:30	.2	82.9	.5	254.3	.7	225.0	.7	230.6	1.5
07:45	.2	104.5	.5	252.6	.5	229.6	.5	233.9	1.6
08:00	.3	102.5	.8	243.9	.8	240.8	.9	242.7	3.0
08:15	.3	97.5	1.0	246.5	.8	219.7	.8	223.2	3.0
08:30	.2	89.7	.9	264.2	.4	208.1	.3	229.9	2.0
08:45	.2	88.0	.6	260.2	.5	234.5	.6	255.4	2.7
09:00	.2	39.9	.4	229.4	.8	235.6	1.1	239.9	2.3
09:15	.2	83.7	.6	252.9	.7	240.1	.9	233.5	1.7
09:30	.4	112.7	.6	244.5	.5	258.4	.8	252.2	2.0
09:45	.4	105.8	.5	230.6	.9	237.8	1.1	242.8	2.2
10:00	.2	96.1	.4	245.2	1.0	220.8	1.6	235.9	2.4
10:15	.2	322.2	.5	234.7	1.1	222.1	2.3	234.1	3.0
10:30	.8	281.4	1.1	243.5	1.7	235.2	2.7	238.2	3.8
10:45	.9	255.2	1.1	252.6	1.7	234.7	2.7	238.0	3.3
11:00	.7	235.9	1.1	240.0	1.5	224.8	2.0	226.5	2.8
11:15	.8	238.4	1.9	233.6	1.5	244.0	1.5	237.2	2.6
11:30	.8	250.4	2.0	241.7	1.6	245.3	1.6	240.7	2.4
11:45	.6	249.9	1.4	244.0	1.6	227.3	2.0	226.1	2.6
12:00	.5	232.6	1.5	236.3	1.6	231.5	1.9	224.5	2.1
12:15	.5	211.6	1.5	240.5	1.5	234.0	1.6	233.6	1.6

Daily Summary Report

Site: ORNL Sodar

3/27/2018

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	224.7	6.1	220.8	8.8	211.1	10.6	203.9	11.8	202.0
00:15	225.4	6.8	220.2	9.0	210.3	10.8	200.4	12.7	197.3
00:30	216.2	7.1	213.7	9.2	207.7	10.9	200.0	11.8	194.2
00:45	217.3	6.6	213.8	9.2	211.1	10.9	204.2	10.9	198.3
01:00	230.8	6.1	220.3	8.9	216.5	10.3	208.4	11.3	202.2
01:15	236.8	6.1	227.7	8.6	218.6	10.3	210.0	11.7	202.9
01:30	238.1	6.3	226.0	8.6	217.4	10.6	209.4	11.4	201.6
01:45	232.8	6.7	222.0	8.8	216.0	11.1	206.5	11.5	198.8
02:00	229.7	6.6	225.6	9.0	218.3	11.5	206.4	12.4	199.6
02:15	235.2	6.3	227.8	9.3	220.0	11.7	209.0	13.2	201.6
02:30	237.0	6.8	226.3	9.8	219.0	12.5	207.7	14.2	199.5
02:45	231.3	7.1	223.5	10.1	214.6	13.2	202.9	15.1	195.2
03:00	233.9	7.0	225.4	9.8	212.3	13.2	203.0	15.0	195.6
03:15	231.8	6.9	224.1	9.5	212.5	12.8	203.5	14.6	195.6
03:30	223.4	7.1	221.0	9.7	211.7	12.3	201.9	15.6	192.9
03:45	230.5	6.3	225.8	8.9	213.0	11.0	205.9	13.9	195.4
04:00	235.8	5.5	227.8	8.0	216.4	10.1	212.7	12.8	200.5
04:15	229.2	5.9	225.1	8.5	217.0	10.5	212.7	13.0	204.6
04:30	219.6	6.9	216.6	9.4	213.9	10.8	207.5	12.3	205.0
04:45	218.0	6.3	217.3	8.7	211.1	10.6	204.4	10.9	201.2
05:00	216.4	5.6	219.2	8.1	207.3	10.4	204.2	12.1	197.0
05:15	216.4	5.6	213.1	8.3	203.3	10.2	200.8	13.7	194.4
05:30	223.1	5.8	211.7	8.3	204.0	10.4	200.0	14.2	193.7
05:45	230.8	5.9	217.3	8.7	210.9	10.7	205.1	12.0	197.3
06:00	236.1	5.7	225.0	8.7	216.5	10.4	211.9	11.3	202.4
06:15	228.6	5.8	222.0	8.6	217.7	10.4	210.6	12.8	200.6
06:30	216.9	5.0	217.6	8.1	215.1	10.4	209.8	13.1	198.6
06:45	211.3	5.1	216.5	8.6	216.0	10.9	211.5	10.9	207.0
07:00	230.4	5.2	220.0	8.3	217.2	9.8	213.6	11.0	206.0
07:15	245.2	4.8	223.9	7.5	219.0	9.1	211.6	11.3	204.5
07:30	227.4	4.9	220.5	7.0	219.7	8.8	212.3	11.9	209.3
07:45	219.0	4.0	225.8	7.0	220.7	9.3	211.9	13.9	207.7
08:00	218.7	4.4	218.4	7.5	214.2	10.6	207.9	14.0	205.4
08:15	217.8	5.2	216.0	8.0	213.2	11.2	207.4	14.3	206.0
08:30	223.7	5.0	221.4	8.6	215.9	11.4	208.6	14.7	208.3
08:45	231.1	4.9	224.8	7.9	215.0	11.1	211.1	14.3	204.7
09:00	254.9	4.0	241.7	6.9	221.2	10.2	215.5	13.3	205.2
09:15	254.5	3.1	243.6	6.9	223.5	9.7	217.7	12.8	203.8
09:30	229.3	4.4	223.6	7.3	217.3	9.6	211.7	13.2	201.0
09:45	229.6	5.0	226.9	7.1	220.2	9.4	209.5	15.8	198.5
10:00	263.7	5.0	237.5	6.8	229.8	8.7	216.1	11.0	207.1
10:15	242.6	5.0	231.1	7.1	220.2	9.4	211.7	11.2	204.6
10:30	233.4	5.1	224.8	7.5	214.4	9.9	208.3	12.8	200.8
10:45	237.7	4.5	223.8	7.1	213.4	9.4	207.0	12.4	200.3
11:00	220.6	4.3	210.6	7.1	204.8	8.9	201.2	12.5	197.4
11:15	217.8	4.4	207.8	6.7	204.0	8.8	202.4	12.5	196.7
11:30	218.3	3.7	208.1	6.0	204.4	8.8	204.0	10.7	198.1
11:45	218.9	3.9	205.2	6.3	202.6	8.7	200.5	9.9	195.9
12:00	216.8	4.2	199.1	6.3	203.8	7.9	201.6	10.1	199.6
12:15	212.7	4.2	195.6	5.6	207.3	7.1	205.3	9.3	207.7

Daily Summary Report

Site: ORNL Sodar

3/27/2018

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	10.0	200.7	9.3	187.3		
00:15	9.7	196.1	9.3	186.0		
00:30	9.5	186.1	9.3	184.0		
00:45	9.2	196.6	9.3	182.0		
01:00	9.3	200.4	9.2	180.7		
01:15	8.8	198.4	10.8	179.8		
01:30	9.2	196.8	10.5	181.8		
01:45	10.3	193.1	10.5	183.8		
02:00	10.4	194.0	10.5	185.8		
02:15	10.5	195.0	10.5	188.8		
02:30	10.5	196.0	10.5	191.8		
02:45	10.6	197.0	10.5	194.8		
03:00	10.6	198.0	10.5	197.8		
03:15	10.7	199.0	10.5	200.8		
03:30	10.8	200.0	10.5	203.8		
03:45	10.8	201.0	10.5	206.8		
04:00	10.8	202.0	10.5	209.8		
04:15	11.0	202.0	10.5	212.8		
04:30	11.0	202.2	10.5	214.8		
04:45	11.1	204.5	10.5	216.8		
05:00	11.0	205.0	10.5	218.8		
05:15	10.8	205.0	10.5	220.8		
05:30	10.5	205.0	10.5	222.8		
05:45	10.4	205.1	10.4	221.1		
06:00	10.8	206.4	10.5	220.9		
06:15	11.0	206.0	10.6	220.7		
06:30	11.0	206.0	10.7	220.4		
06:45	11.3	205.0	10.8	220.0		
07:00	11.5	205.0	10.9	219.6		
07:15	11.8	205.0	11.0	219.2		
07:30	12.0	204.0	11.1	218.8		
07:45	12.3	204.0	11.2	218.5		
08:00	12.5	204.0	11.3	218.1		
08:15	12.8	204.0	11.4	217.7		
08:30	13.0	204.0	11.5	217.3		
08:45	13.3	204.0	11.6	216.9		
09:00	13.5	204.0	11.7	216.6		
09:15	13.8	204.0	11.8	216.2		
09:30	14.0	204.0	11.9	215.8		
09:45	14.3	204.0	12.0	215.4		
10:00	14.4	203.7	12.0	215.0		
10:15	15.0	202.0	12.1	214.9		
10:30	16.0	201.0	12.2	214.7		
10:45	17.0	200.0	12.2	214.3		
11:00	17.4	199.0	12.3	213.9		
11:15	16.3	195.1	12.4	213.5		
11:30	13.4	194.9	12.5	213.2		
11:45	13.6	194.5	12.6	213.0		
12:00	13.0	198.5	12.8	208.4		
12:15	11.4	200.6	13.5	203.6		

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	10.8	198.1	12.7	201.7		
12:45	10.4	199.0	12.0	206.4		
13:00	10.0	203.7	11.6	212.5		
13:15	10.4	205.0	12.9	209.1		
13:30	10.8	201.8	11.5	212.0		
13:45	11.3	203.8	14.2	209.5		
14:00	11.6	210.6	16.1	208.7	18.4	215.8
14:15	11.6	212.3	15.1	213.0	16.7	212.7
14:30	11.0	210.9	13.4	216.4	16.1	214.7
14:45	10.6	216.1	12.9	214.6	16.0	216.0
15:00	13.6	220.1	14.8	213.0	16.0	218.0
15:15	13.3	217.2	15.1	213.7	16.0	221.0
15:30	12.8	217.0	14.3	218.5	15.7	223.3
15:45	13.3	215.4	14.5	223.6	15.2	222.1
16:00	12.2	215.3	14.0	222.0	15.2	223.0
16:15	11.4	219.3	13.1	220.1	15.3	223.0
16:30	13.7	213.8	13.4	215.7	15.3	224.0
16:45	15.5	215.9	15.2	216.9	15.4	225.0
17:00	13.5	212.0	13.7	213.9	15.4	225.0
17:15	13.5	213.0	13.8	214.1	15.5	226.0
17:30	13.5	214.0	13.8	214.4	15.5	226.0
17:45	13.5	215.0	13.9	214.6	15.6	226.0
18:00	13.6	216.0	14.0	214.9	15.6	227.0
18:15	13.6	217.0	14.0	215.1	15.7	227.0
18:30	13.6	218.0	14.1	215.4	15.7	227.0
18:45	13.6	219.0	14.2	215.6	15.8	227.0
19:00	13.6	220.0	14.2	215.9	15.8	227.0
19:15	13.6	221.0	14.3	216.1	15.9	227.0
19:30	13.6	222.0	14.4	216.4	15.9	227.0
19:45	13.6	223.0	14.4	216.6	16.0	227.0
20:00	13.7	223.5	14.5	216.9	16.0	227.0
20:15	13.7	223.5	14.6	217.1	16.1	227.0
20:30	13.7	223.5	14.7	217.4	16.1	227.0
20:45	13.7	223.5	14.7	217.6	16.2	227.0
21:00	13.7	223.5	14.7	217.9	16.2	227.0
21:15	13.7	223.5	14.7	218.1	16.3	227.0
21:30	13.7	223.5	14.7	218.4	16.3	227.0
21:45	13.7	223.5	14.7	218.6	16.4	227.0
22:00	13.7	223.1	14.7	226.6	16.0	227.3
22:15	13.9	223.2	13.6	224.8	14.8	225.8
22:30	14.8	223.4	15.2	216.7	15.2	223.9
22:45	16.0	217.0	15.3	217.0	15.0	223.8
23:00	18.4	212.3	15.5	217.0	15.0	223.7
23:15	17.0	217.0	15.8	217.0	15.0	223.6
23:30	16.0	222.0	16.0	217.0	15.0	223.5
23:45	15.9	226.8	16.3	217.0	15.0	223.4
Avg	12.6	208.3	12.6	211.6	15.8	224.2
Max	18.4	226.8	16.3	226.6	18.4	227.3
Hr. of Max	92	95	95	88	56	88
Min	8.8	186.1	9.2	179.8	14.8	212.7
Count	96	96	96	96	40	40
Total						