

Daily Summary Report

Site: ORNL Sodar

5/19/2017

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	4.8	171.9	2.6	204.7	4.4	199.3	6.4	194.1	7.7
00:15	4.3	175.5	2.2	207.3	4.2	199.2	6.3	195.5	7.7
00:30	4.0	177.8	2.2	215.8	3.9	204.0	5.8	198.8	7.8
00:45	4.3	176.0	3.5	196.0	3.8	204.8	5.6	198.1	7.8
01:00	4.4	179.7	1.2	242.5	3.2	212.1	4.7	201.0	7.0
01:15	2.0	198.4	1.8	246.2	2.9	226.9	4.0	212.3	6.1
01:30	2.2	265.7	3.3	262.4	3.7	247.1	4.1	230.5	5.8
01:45	3.6	269.6	3.6	261.7	5.1	251.5	5.8	243.5	6.3
02:00	1.8	271.9	2.7	253.3	4.5	243.0	5.9	239.2	7.1
02:15	1.0	272.0	2.4	249.6	4.2	239.6	5.5	236.3	6.1
02:30	.1	326.5	2.8	251.1	4.6	244.2	5.4	242.3	5.5
02:45	1.3	252.0	3.0	251.0	4.7	245.5	5.4	246.2	5.4
03:00	2.0	251.0	3.5	242.8	4.9	240.6	5.6	236.3	6.0
03:15	1.6	250.1	3.8	242.6	5.0	240.3	5.8	231.5	6.4
03:30	.5	141.9	3.1	239.8	4.5	239.8	5.5	228.4	5.8
03:45	.8	226.7	2.7	236.2	4.3	237.6	5.3	226.0	5.8
04:00	.6	268.8	2.7	248.1	3.9	241.8	4.6	230.7	5.4
04:15	1.2	252.5	3.4	254.4	4.1	247.4	4.6	232.7	5.3
04:30	1.4	259.5	3.1	257.7	4.2	250.5	4.6	235.7	4.8
04:45	1.1	241.5	1.9	258.9	3.8	249.1	4.0	237.0	3.9
05:00	.5	211.2	1.4	261.6	3.4	242.3	3.4	224.9	3.9
05:15	.5	26.3	1.3	270.0	2.9	244.6	3.0	222.9	3.9
05:30	.3	57.9	1.6	271.7	2.7	252.4	3.0	232.0	4.0
05:45	.3	71.9	1.8	270.6	2.6	253.4	2.9	232.7	4.2
06:00	.2	71.5	1.9	254.4	3.0	241.2	3.9	225.6	5.3
06:15	1.0	196.8	2.3	239.2	3.8	229.8	5.1	219.2	6.6
06:30	1.0	187.7	2.6	230.4	4.4	219.1	5.7	211.4	7.3
06:45	.8	306.9	3.2	228.0	4.9	217.8	6.2	211.2	8.1
07:00	1.3	279.9	3.3	239.3	4.8	230.5	6.1	221.1	7.7
07:15	1.6	277.9	2.8	249.7	4.2	237.0	5.4	224.7	6.9
07:30	1.4	225.0	2.6	243.7	4.1	228.7	5.5	217.7	7.5
07:45	1.2	222.8	2.4	236.6	4.2	221.4	5.7	213.9	7.5
08:00	1.0	169.5	2.3	220.7	3.8	215.9	5.1	211.1	6.4
08:15	.8	187.1	2.1	216.0	2.9	213.9	4.4	212.3	5.7
08:30	.3	198.3	1.7	245.6	2.4	219.3	3.5	219.5	5.1
08:45	.1	101.7	1.6	265.6	2.1	239.2	2.8	228.9	4.2
09:00	.3	120.3	.6	225.4	1.5	231.3	2.4	226.1	3.7
09:15	.2	126.0	.6	213.7	1.1	223.1	2.1	220.8	3.4
09:30	.3	295.5	1.2	260.8	1.3	255.5	2.0	239.9	2.8
09:45	.5	260.2	1.3	265.2	1.3	256.7	2.0	252.7	2.8
10:00	.4	230.6	1.4	250.2	1.2	247.2	1.8	243.4	2.6
10:15	.4	223.2	1.2	244.9	1.6	233.6	2.0	229.9	2.5
10:30	.5	255.6	1.6	260.2	2.1	242.9	2.6	242.5	3.2
10:45	.8	256.9	2.1	262.0	2.7	256.1	3.4	248.7	4.1
11:00	1.5	241.7	2.3	258.7	3.4	250.4	4.2	241.2	5.0
11:15	1.1	249.0	2.3	249.1	3.2	238.8	4.3	234.1	5.4
11:30	.8	243.5	2.5	240.0	3.0	234.8	3.7	228.4	4.2
11:45	1.5	251.1	2.9	247.8	3.0	247.8	3.2	245.8	3.4
12:00	1.1	249.3	2.0	253.0	2.0	245.8	2.2	251.0	2.7
12:15	.7	232.6	1.5	244.6	1.5	219.9	1.6	217.2	1.5

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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	188.4	9.2	180.7	10.6	178.2	11.8	184.4	11.8	212.8
00:15	190.7	8.9	183.9	10.9	185.8	12.0	195.2	12.1	210.7
00:30	192.3	8.8	189.6	11.1	192.9	12.1	200.0	12.1	214.5
00:45	191.7	9.3	188.4	11.7	193.3	11.3	190.2	12.0	215.0
01:00	191.9	8.9	191.0	13.1	200.0	11.5	196.7	11.8	216.0
01:15	200.5	8.8	197.3	12.6	199.0	13.4	210.8	11.5	217.0
01:30	212.2	8.1	202.7	10.8	196.8	12.0	214.0	11.3	218.0
01:45	232.5	7.2	221.6	8.7	219.9	10.9	217.4	11.2	219.0
02:00	242.1	7.1	230.9	8.3	220.4	9.9	210.8	11.5	215.6
02:15	242.4	6.6	224.4	8.2	218.6	9.7	207.3	11.8	215.8
02:30	245.3	6.0	231.9	7.5	221.1	9.4	208.8	10.7	205.8
02:45	236.1	5.4	229.3	7.5	212.2	9.3	202.4	11.2	200.4
03:00	219.9	6.0	218.1	7.9	205.1	9.8	198.2	11.4	197.8
03:15	219.0	6.8	212.7	8.4	203.1	10.9	196.3	11.9	202.1
03:30	213.6	7.4	205.1	8.9	198.3	11.4	194.6	11.9	206.5
03:45	210.6	7.4	201.5	9.4	194.9	11.6	193.1	11.9	208.4
04:00	215.6	6.6	204.1	9.1	196.2	11.6	191.9	11.9	206.1
04:15	216.1	6.8	204.8	9.2	197.9	11.5	192.0	12.0	208.0
04:30	217.2	6.4	205.5	9.9	197.6	12.2	199.9	13.0	211.0
04:45	218.3	5.5	204.8	9.1	195.9	11.1	205.3	13.6	214.4
05:00	211.9	5.5	200.4	8.1	194.7	10.1	197.8	13.5	215.0
05:15	210.7	5.3	199.2	8.0	193.3	10.8	187.2	13.3	216.0
05:30	213.5	5.7	199.8	8.3	194.8	11.4	196.0	13.0	216.0
05:45	215.2	6.2	203.8	9.0	197.3	11.0	196.9	12.8	217.0
06:00	212.4	7.2	205.1	10.0	195.4	10.8	203.9	12.5	217.0
06:15	208.1	8.5	201.3	10.6	192.5	10.1	196.6	12.3	218.0
06:30	204.0	9.2	198.3	11.2	191.9	10.4	197.0	12.0	218.0
06:45	206.7	9.5	202.0	12.3	200.9	11.9	209.7	11.8	219.0
07:00	214.4	9.4	208.1	12.2	207.0	11.9	211.0	11.5	219.0
07:15	216.0	9.0	207.1	11.3	206.5	11.8	213.0	11.3	219.0
07:30	209.7	9.6	205.6	11.8	212.1	11.8	215.0	11.0	220.0
07:45	205.3	9.6	202.7	11.4	209.8	11.7	217.0	11.0	220.0
08:00	206.0	8.6	200.8	11.5	208.4	11.7	218.0	10.8	221.0
08:15	209.7	7.8	203.6	11.9	212.1	11.6	219.0	10.8	221.0
08:30	212.3	7.1	204.6	10.6	203.3	11.5	220.0	10.5	221.0
08:45	212.5	5.7	204.3	8.6	204.0	11.5	221.7	10.5	221.5
09:00	210.6	5.2	203.7	8.0	203.5	10.7	210.9	10.5	221.5
09:15	214.6	4.8	208.0	7.5	210.2	9.0	210.2	10.3	221.8
09:30	226.8	4.1	213.4	6.6	216.6	8.0	210.1	10.3	219.4
09:45	229.8	3.8	215.9	5.8	213.9	7.7	215.4	10.3	226.2
10:00	226.0	3.8	220.4	5.5	212.3	8.3	221.3	11.2	232.8
10:15	223.0	3.8	218.3	6.0	211.1	8.9	216.1	10.6	222.9
10:30	229.4	4.2	224.0	6.8	214.8	9.3	215.1	10.3	217.1
10:45	237.7	5.2	231.5	7.1	218.9	9.7	219.9	11.2	222.2
11:00	235.8	5.8	227.1	7.5	225.1	9.8	224.5	11.2	229.8
11:15	231.0	6.0	227.7	8.0	231.7	9.6	228.0	10.3	235.8
11:30	230.0	5.3	236.3	7.2	237.2	8.3	234.6	10.2	235.5
11:45	251.4	4.5	246.9	5.6	248.1	6.7	237.8	8.9	236.7
12:00	256.5	3.3	259.6	4.5	238.1	6.1	226.6	9.0	235.8
12:15	215.0	2.0	215.7	4.9	211.5	6.3	211.3	8.0	219.3

Daily Summary Report

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5/19/2017

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	13.8	221.1				
00:15	13.8	221.0				
00:30	14.2	220.5	13.6	218.0		
00:45	13.7	220.0	13.7	219.0		
01:00	13.3	219.0	13.9	220.0		
01:15	13.0	218.0	14.2	221.0		
01:30	12.8	217.0	14.5	221.0		
01:45	12.5	216.5	14.8	222.1	17.0	220.6
02:00	12.8	215.0	14.4	226.1	15.6	224.1
02:15	14.0	217.7	14.4	227.0	15.5	224.2
02:30	13.5	213.2	14.4	227.0	15.5	224.3
02:45	13.4	214.0	14.4	227.0	15.4	224.7
03:00	13.2	214.0	14.3	228.0	15.4	225.1
03:15	13.0	214.0	14.3	228.0	15.3	225.5
03:30	13.0	215.0	14.3	228.0	15.3	225.9
03:45	12.9	215.0	14.3	228.0	15.2	226.3
04:00	12.8	216.0	14.2	228.0	15.2	226.7
04:15	12.8	217.0	14.2	229.0	15.1	227.1
04:30	12.7	218.0	14.2	229.0	15.1	227.5
04:45	12.7	219.0	14.2	229.0	15.0	227.9
05:00	12.6	219.0	14.1	229.0	15.0	228.3
05:15	12.6	220.0	14.1	230.0	14.9	228.7
05:30	12.6	220.0	14.1	230.0	14.9	229.1
05:45	12.4	221.0	14.1	230.0	14.8	229.5
06:00	12.4	222.0	14.0	230.0	14.8	229.9
06:15	12.2	223.0	14.0	231.0	14.7	230.3
06:30	12.0	223.0	14.0	231.0	14.7	230.7
06:45	11.8	224.0	14.0	231.0	14.6	231.1
07:00	11.7	224.0	14.0	231.0	14.6	231.5
07:15	11.6	225.0	13.9	232.0	14.5	231.9
07:30	11.5	225.0	13.9	232.0	14.5	232.3
07:45	11.3	226.0	13.9	232.0	14.4	232.7
08:00	11.2	227.0	13.9	232.0	14.4	233.1
08:15	11.1	228.0	13.8	232.0	14.3	233.5
08:30	11.0	228.0	13.8	233.0	14.3	233.9
08:45	10.9	229.0	13.8	233.0	14.2	234.3
09:00	10.8	230.0	13.7	233.0	14.2	234.7
09:15	10.7	230.0	13.7	233.0	14.1	235.1
09:30	10.6	231.0	13.6	233.0	14.1	235.5
09:45	10.6	232.0	13.6	233.0	14.0	235.9
10:00	10.5	232.4	13.5	233.0	14.0	236.3
10:15	12.1	221.4	13.5	233.0	13.9	236.7
10:30	12.0	220.3	13.5	233.3	13.9	237.1
10:45	12.5	222.0	13.6	230.8	13.8	237.5
11:00	12.8	225.8	11.3	228.3	14.1	242.3
11:15	12.8	234.4	11.4	225.8	12.5	236.0
11:30	11.5	241.1	11.5	236.0	11.1	231.3
11:45	11.8	241.6	10.8	236.0		
12:00	11.3	238.5	10.0	236.0		
12:15	9.8	231.0	9.5	237.0		

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	9.0	227.4	9.0	237.0		
12:45	7.5	222.4	8.5	237.0		
13:00	6.5	215.3	8.1	237.3		
13:15	6.0	217.6	10.0	236.0		
13:30	6.5	221.0				
13:45	7.0	225.0				
14:00	8.0	229.0				
14:15	8.3	233.2				
14:30	11.3	224.5				
14:45	9.8	219.0				
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	11.5	223.2	13.2	230.1	14.6	230.7
Max	14.2	241.6	14.8	237.3	17.0	242.3
Hr. of Max	02	47	07	52	07	44
Min	6.0	213.2	8.1	218.0	11.1	220.6
Count	60	60	52	52	40	40
Total						