

Daily Summary Report

Site: ORNL Sodar

12/5/2017

Interval: 015m

	03_Ht	04_WS060m	05_WDir060m	06_WS100m	07_WDir100m	08_WS140m	09_WDir140m	10_WS180m	11_WDir180m
Hour	METERS	M/SEC	DEG	M/SEC	DEG	KPH	DEG	M/SEC	DEG
00:00	100	4.2	202.3	5.1	206.2	6.6	204.6	8.0	202.9
00:15	100	4.5	192.8	5.3	202.1	6.7	200.9	8.5	199.6
00:30	100	3.4	187.1	5.6	198.1	6.6	201.0	8.3	199.5
00:45	100	4.8	189.4	5.2	203.2	6.6	201.1	8.1	199.9
01:00	100	5.2	189.6	4.3	199.5	6.9	200.8	8.5	199.2
01:15	100	4.3	184.0	3.7	190.9	6.3	197.6	8.3	196.7
01:30	100	3.5	182.5	2.9	196.4	5.3	194.4	7.3	195.1
01:45	100	3.9	184.1	3.3	188.5	5.7	190.1	7.4	190.9
02:00	100	4.4	183.7	3.9	181.1	6.1	189.0	8.1	189.1
02:15	100	5.6	183.7	4.5	182.5	6.6	187.2	8.5	187.3
02:30	100	4.7	184.5	4.7	184.2	6.8	185.9	8.1	187.4
02:45	100	2.5	185.3	3.1	188.2	5.5	190.0	6.9	190.5
03:00	100	.8	217.8	1.7	209.7	3.5	203.8	5.2	198.5
03:15	100	.8	229.6	1.8	223.5	3.6	208.2	5.1	204.2
03:30	100	.5	212.0	1.6	228.8	3.7	212.2	4.9	210.5
03:45	100	.7	194.8	1.6	229.2	3.4	214.1	4.4	213.1
04:00	100	.9	199.6	2.1	219.2	3.9	207.9	5.2	209.7
04:15	100	1.6	192.3	2.2	208.1	4.1	205.0	5.5	205.3
04:30	100	2.2	194.9	2.0	206.3	3.4	204.0	5.0	200.2
04:45	100	1.3	185.1	2.1	209.1	3.3	208.4	4.8	201.4
05:00	100	1.2	183.1	2.2	211.3	3.5	208.5	4.8	203.4
05:15	100	.8	191.5	2.1	230.7	3.2	214.9	4.6	208.9
05:30	100	.8	196.0	2.1	233.4	3.1	223.9	4.5	210.2
05:45	100	.8	201.7	2.0	228.0	3.1	222.9	4.4	207.5
06:00	100	1.1	205.5	1.8	228.8	3.3	220.6	4.9	208.0
06:15	100	2.0	204.9	1.8	225.6	3.3	219.1	5.1	208.9
06:30	100	1.1	227.3	1.8	236.9	3.1	228.9	4.5	217.8
06:45	100	.6	241.3	1.5	252.8	2.4	249.1	3.5	230.9
07:00	100	.6	189.1	1.1	266.4	1.8	270.8	2.8	249.4
07:15	100	1.0	241.2	1.6	264.1	2.6	269.2	3.8	254.3
07:30	100	1.6	256.6	2.1	259.4	3.6	255.2	4.9	245.8
07:45	100	1.6	246.3	2.3	251.3	3.9	246.5	5.3	239.5
08:00	100	2.2	234.3	3.1	245.2	4.8	239.6	6.2	235.7
08:15	100	2.9	230.5	3.6	238.9	5.8	235.0	7.2	230.4
08:30	100	4.0	207.7	3.6	233.9	5.9	230.4	7.6	226.4
08:45	100	4.1	204.7	4.0	236.7	6.0	227.3	8.2	225.3
09:00	100	2.4	227.3	4.7	239.8	6.5	230.6	8.5	224.0
09:15	100	2.2	232.7	4.4	238.3	6.6	234.9	7.6	224.6
09:30	100	2.2	239.0	4.0	251.1	6.2	244.5	7.1	234.2
09:45	100	1.9	258.7	4.3	260.1	6.6	261.2	7.4	258.1
10:00	100	1.7	175.0	5.0	261.1	7.1	266.8	8.7	265.3
10:15	100	1.5	105.3	5.0	267.6	6.8	265.7	8.4	264.6
10:30	100	.3	254.7	2.6	253.7	4.5	260.3	7.0	261.6
10:45	100	.6	269.5	3.0	250.1	3.7	253.6	6.3	256.8
11:00	100	.2	275.0	2.5	248.3	3.5	245.5	5.5	250.8
11:15	100	.3	312.0	1.6	237.8	2.8	238.0	4.5	245.0
11:30	100	.5	342.3	.7	213.9	1.7	232.3	3.1	237.7
11:45	100	.2	324.6	.5	163.3	1.2	216.7	2.1	226.7
12:00	100	.5	238.2	.4	140.4	1.1	214.0	1.7	226.0
12:15	100	.5	277.3	.3	129.9	.8	239.4	1.3	244.9

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Interval: 015m

	12_WS240m	13_WDir240m	14_WS300m	15_WDir300m	16_WS400m	17_WDir400m	18_WS500m	19_WDir500m	20_WS600m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC
00:00	9.9	201.1	11.3	201.5	12.9	198.6	14.0	197.0	11.8
00:15	10.4	199.3	12.2	198.8	14.7	195.9	14.5	196.0	12.0
00:30	10.5	198.2	12.4	195.6	15.6	193.3	15.0	195.0	12.3
00:45	10.4	197.3	12.1	193.3	15.4	191.3	16.0	194.0	12.5
01:00	10.5	195.9	11.8	194.1	15.2	191.6	17.0	193.0	12.8
01:15	10.5	194.3	11.6	193.6	15.1	191.1	17.5	192.0	13.0
01:30	10.1	193.9	11.7	190.8	14.6	190.0	17.8	191.3	13.3
01:45	9.9	190.6	12.0	187.5	14.1	187.4	16.9	190.5	13.5
02:00	10.3	186.8	12.3	185.8	14.3	184.4	16.4	185.4	13.8
02:15	10.2	185.5	11.8	184.9	14.3	182.7	16.5	184.0	14.0
02:30	9.4	186.0	11.0	185.7	13.3	183.4	15.7	183.7	14.1
02:45	8.8	187.5	10.4	188.5	12.3	187.5	14.4	187.3	14.3
03:00	7.7	193.0	9.2	193.0	10.9	192.9	13.0	193.5	14.4
03:15	6.8	201.0	8.1	198.6	10.4	198.2	12.1	195.9	13.3
03:30	6.9	204.9	7.8	201.6	10.3	199.8	12.0	196.8	12.4
03:45	7.0	205.6	8.2	202.7	10.3	197.9	12.3	196.7	13.6
04:00	7.4	204.4	9.2	198.9	11.8	197.5	12.6	197.8	14.1
04:15	7.9	199.1	10.0	192.6	12.3	194.5	13.3	197.4	12.8
04:30	7.4	196.1	9.6	190.8	11.5	191.0	12.7	192.0	12.1
04:45	7.2	195.7	9.1	192.3	11.2	193.1	11.5	191.0	13.3
05:00	7.0	194.4	8.6	192.3	11.0	194.7	12.1	191.7	13.5
05:15	6.6	198.1	8.7	193.7	10.5	194.0	13.3	193.1	13.0
05:30	6.7	198.5	9.1	194.5	10.8	193.9	12.8	196.4	13.2
05:45	6.7	196.6	9.0	193.2	10.4	195.6	11.5	202.0	13.2
06:00	7.0	197.9	9.1	195.7	10.5	197.8	11.0	203.9	13.2
06:15	7.1	200.1	9.1	200.0	11.1	202.1	11.8	207.7	12.5
06:30	6.5	206.4	8.9	202.9	10.9	201.7	13.4	213.8	11.5
06:45	5.7	212.4	8.0	204.2	10.7	201.6	13.7	213.2	12.0
07:00	4.5	221.1	6.6	208.4	10.1	204.9	12.3	206.0	12.5
07:15	4.8	231.6	6.6	217.9	10.1	210.6	10.7	199.0	13.0
07:30	5.9	227.9	7.5	220.2	10.5	208.8	12.5	207.0	13.5
07:45	6.3	222.7	8.0	212.7	11.6	202.6	12.9	211.8	13.8
08:00	7.9	221.3	9.8	209.6	12.7	206.7	13.2	214.3	11.7
08:15	9.3	216.0	10.9	209.0	13.7	211.1	14.6	215.0	11.6
08:30	9.4	212.0	10.9	205.9	13.3	211.8	12.8	217.0	11.9
08:45	9.6	214.8	11.3	208.9	12.5	214.8	11.5	219.0	10.3
09:00	8.6	215.8	10.6	218.0	10.8	220.6	12.0	216.0	12.6
09:15	7.5	215.4	9.4	213.0	10.8	215.0	11.8	215.3	12.5
09:30	8.8	229.1	9.5	230.1	12.0	227.0	11.8	216.0	12.5
09:45	9.4	256.2	10.9	260.4	12.5	235.0	11.8	217.0	12.5
10:00	10.9	271.2	11.1	274.9	12.3	235.0	11.8	218.0	12.5
10:15	8.9	273.5	9.8	271.0	12.0	235.0	11.8	219.0	12.4
10:30	8.1	267.2	7.8	278.5	11.5	235.0	11.8	220.0	12.4
10:45	7.6	261.0	7.3	274.0	11.3	235.0	11.8	221.0	12.4
11:00	7.0	254.3	8.7	258.2	10.8	235.0	11.7	222.0	12.4
11:15	6.5	249.8	7.5	247.5	10.3	234.5	11.6	223.0	12.4
11:30	4.6	240.9	5.7	240.3	10.0	235.0	11.5	225.0	12.4
11:45	3.6	233.0	5.1	238.5	9.4	236.8	11.4	226.0	12.3
12:00	3.0	236.9	5.4	241.5	9.5	234.2	11.3	227.0	12.3
12:15	3.0	255.7	5.5	250.8	9.3	241.2	11.2	228.0	12.3

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Interval: 015m

	21_WDir600m	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	207.0	15.0	204.0				
00:15	207.0	15.0	204.0				
00:30	206.0	15.0	205.0				
00:45	205.0	14.9	205.0				
01:00	204.0	14.9	206.0				
01:15	203.0	14.9	206.0				
01:30	202.0	14.9	206.0				
01:45	202.0	14.9	207.0				
02:00	201.0	14.8	207.0				
02:15	200.0	14.8	208.0				
02:30	200.0	14.8	208.0				
02:45	199.0	14.8	208.0				
03:00	198.0	14.6	208.3				
03:15	198.7	13.7	211.1				
03:30	201.6	13.1	211.1				
03:45	202.4	12.9	207.6				
04:00	206.7	13.2	212.0				
04:15	210.3	13.8	218.3				
04:30	210.1	14.0	222.0				
04:45	212.5	14.0	224.0				
05:00	205.9	14.2	227.4	13.5	225.9		
05:15	205.6	14.2	229.0	13.1	228.2		
05:30	207.9	12.3	226.5	11.5	221.2	12.2	222.7
05:45	211.4	11.0	217.0	10.7	221.3		
06:00	219.6	10.8	216.0				
06:15	217.6	10.6	215.0				
06:30	213.0	10.4	214.1				
06:45	212.0	10.6	215.0				
07:00	211.0	10.8	216.0				
07:15	210.0	10.9	217.0				
07:30	209.0	11.0	218.0				
07:45	208.9	11.1	219.0				
08:00	214.8	11.3	220.0				
08:15	220.4	11.5	221.0				
08:30	221.2	11.7	222.0				
08:45	222.0	11.9	223.6				
09:00	206.4						
09:15	209.0						
09:30	211.0						
09:45	213.0						
10:00	215.0						
10:15	216.0						
10:30	217.0						
10:45	218.0						
11:00	220.0						
11:15	221.0						
11:30	223.0						
11:45	224.0						
12:00	225.0						
12:15	226.0						

	21_WDir600m	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	227.0						
12:45	228.0						
13:00	228.4						
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	286.5	9.5	263.5				
19:15	288.8	8.3	270.0				
19:30	275.9	8.4	270.0				
19:45	280.0	8.5	271.0				
20:00	285.3	8.6	271.0				
20:15	282.7	8.9	271.3				
20:30	306.1	9.5	290.0				
20:45	315.4	10.5	310.0				
21:00	326.1	11.4	327.4	12.9	326.0		
21:15	335.1	11.4	327.5	12.3	321.9	16.5	331.3
21:30	328.7	11.6	318.5	13.8	321.2	16.0	320.0
21:45	330.4	11.3	320.4	13.7	319.2	15.0	317.3
22:00	339.0	10.0	325.3	13.7	319.4	15.8	316.5
22:15	340.4	9.0	331.2	12.8	321.2	16.2	321.7
22:30	338.9	9.0	333.4	10.8	324.0	14.3	325.2
22:45							
23:00							
23:15							
23:30							
23:45							
Avg	233.4	12.1	239.3	12.6	286.3	15.1	307.8
Max	340.4	15.0	333.4	13.8	326.0	16.5	331.3
Hr. of Max	89	02	90	86	84	85	85
Min	198.0	8.3	204.0	10.7	221.2	12.2	222.7
Count	68	51	51	11	11	7	7
Total							