

Daily Summary Report

Site: ORNL Sodar

12/19/2017

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	1.0	232.6	1.3	232.6	.7	230.6	.8	248.9
00:15	100	.9	226.0	1.5	221.0	.9	226.3	1.1	242.6
00:30	100	.8	210.4	2.1	216.2	1.7	229.5	2.3	239.5
00:45	100	1.0	218.5	1.9	227.5	2.0	239.1	3.0	247.5
01:00	100	1.0	233.3	1.4	237.2	1.7	247.0	2.4	256.9
01:15	100	1.0	250.6	1.1	230.8	1.5	246.4	2.0	257.5
01:30	100	1.2	248.9	.7	228.1	1.6	238.8	2.4	245.5
01:45	100	1.4	254.5	.9	230.0	2.5	229.3	3.2	228.4
02:00	100	.7	253.2	1.0	229.8	2.1	228.2	2.8	228.4
02:15	100	.5	249.8	1.2	244.6	1.5	241.7	1.7	246.8
02:30	100	1.5	260.6	2.2	253.7	2.5	244.9	2.5	245.3
02:45	100	1.3	260.7	2.0	258.8	2.4	243.6	2.6	239.3
03:00	100	.6	261.6	1.3	261.6	2.3	241.9	2.2	232.3
03:15	100	.5	252.5	1.3	252.0	2.1	236.3	2.0	225.9
03:30	100	.7	249.2	1.6	237.2	1.7	231.9	1.9	227.6
03:45	100	.8	253.6	1.7	231.3	2.0	232.3	2.3	236.5
04:00	100	.8	256.7	1.9	241.2	2.3	237.7	2.2	247.0
04:15	100	.5	262.7	1.4	238.5	1.6	240.9	1.9	238.9
04:30	100	.1	256.5	1.0	233.7	1.1	236.3	2.0	231.2
04:45	100	.3	254.8	.9	247.8	1.0	244.9	2.1	242.1
05:00	100	.9	260.6	1.3	262.9	1.4	247.4	2.5	246.5
05:15	100	.7	258.9	1.6	262.2	2.2	244.3	2.6	245.7
05:30	100	.4	253.2	1.4	257.7	2.5	244.2	2.6	242.7
05:45	100	.4	254.8	1.2	259.1	2.0	235.4	2.0	242.4
06:00	100	.4	251.5	.7	248.0	1.3	222.3	1.2	258.7
06:15	100	.4	246.6	.7	235.1	1.1	240.7	1.6	260.5
06:30	100	.4	248.2	.8	249.5	.9	248.9	1.6	252.5
06:45	100	.3	241.5	.7	266.1	.7	218.3	1.0	231.0
07:00	100	.3	236.7	.5	255.6	.9	207.3	.9	251.5
07:15	100	.3	243.1	.6	253.6	.7	218.7	.6	217.9
07:30	100	.3	238.5	.5	256.0	.1	272.2	.2	161.6
07:45	100	.3	236.0	.4	248.2	.2	337.9	.3	235.0
08:00	100	.3	233.1	.5	266.1	.2	193.4	.3	335.7
08:15	100	.3	230.1	.4	284.1	.4	173.0	.0	167.6
08:30	100	.4	247.0	.3	283.0	.4	190.2	.2	211.3
08:45	100	.4	257.7	.4	270.9	.4	190.4	.3	221.0
09:00	100	.4	263.1	.4	271.2	.4	180.6	.4	214.6
09:15	100	.2	266.0	.5	261.0	.6	174.8	.3	204.1
09:30	100	.2	215.2	.5	242.9	.3	194.4	.3	204.5
09:45	100	.3	225.6	.4	254.5	.2	300.9	.4	294.1
10:00	100	.3	237.5	.6	279.1	.4	240.8	.6	302.1
10:15	100	.2	223.5	.7	267.1	.5	216.2	.5	311.4
10:30	100	.2	217.7	.8	252.6	.2	261.2	.3	185.7
10:45	100	.3	223.9	.9	246.2	.5	243.5	.5	210.2
11:00	100	.3	206.1	1.2	240.6	.7	232.6	.9	214.7
11:15	100	.3	204.2	1.3	240.6	.8	245.8	.9	238.0
11:30	100	.1	211.7	1.3	245.1	1.2	229.8	1.2	277.5
11:45	100	.1	85.4	1.4	252.8	1.4	235.3	1.3	266.5
12:00	100	.1	354.6	1.2	262.2	1.3	252.6	1.8	242.1
12:15	100	.1	340.0	.8	260.6	1.5	244.6	2.4	232.0

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	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	2.2	239.2	3.3	253.1	2.0	180.0			
00:15	1.8	244.7	2.1	226.9	1.8	175.7			
00:30	3.4	238.0	3.4	222.0	2.0	176.0			
00:45	4.5	244.7	6.2	236.8	3.0	177.0			
01:00	4.2	249.6	6.1	239.9	4.0	178.0			
01:15	4.7	244.2	5.7	240.6	4.3	178.0			
01:30	4.6	239.7	5.7	238.3	5.4	173.0			
01:45	4.1	231.6	6.6	237.6	5.7	187.0			
02:00	4.1	229.2	7.8	239.7	6.0	189.0			
02:15	3.5	227.2	7.5	238.4	6.5	191.0			
02:30	4.1	230.0	7.5	236.1	7.0	193.0			
02:45	4.3	228.7	7.8	234.5	7.5	195.0			
03:00	4.0	220.0	8.1	231.0	8.0	197.0			
03:15	4.8	220.1	8.5	229.4	8.5	200.0			
03:30	5.1	221.2	8.7	228.5	9.0	203.0			
03:45	5.0	217.8	8.4	227.5	9.5	205.0			
04:00	5.3	217.3	7.6	230.6	10.0	208.0			
04:15	5.4	213.6	7.4	234.2	11.0	210.0			
04:30	4.3	229.8	7.4	236.1	11.5	212.0			
04:45	4.4	233.6	7.2	229.7	12.0	214.0			
05:00	5.0	218.7	7.2	220.9	12.1	216.1			
05:15	4.5	213.6	6.6	219.1	12.1	216.4			
05:30	3.6	219.1	6.3	221.8	11.0	218.0			
05:45	3.9	219.4	6.6	226.7	10.0	220.0			
06:00	4.1	215.2	6.8	226.5	9.2	222.7			
06:15	4.1	206.5	6.6	224.9	9.2	222.6			
06:30	3.6	207.3	6.1	222.8	9.2	220.0			
06:45	4.4	209.2	6.0	217.9	9.2	218.0			
07:00	5.0	201.9	6.4	215.3	9.2	216.0			
07:15	4.4	201.7	6.6	214.9	9.2	214.0			
07:30	4.1	213.4	6.1	214.0	9.3	213.0			
07:45	3.2	210.6	5.7	214.5	9.3	212.0			
08:00	3.0	207.8	5.3	216.8	9.3	210.0			
08:15	2.5	213.0	5.0	217.2	9.3	209.0			
08:30	2.3	214.5	4.5	218.3	9.4	208.0			
08:45	1.7	218.3	4.2	220.0	9.4	206.0			
09:00	1.6	205.8	4.6	211.4	9.4	205.0			
09:15	4.7	189.6	4.9	205.9	9.5	203.4			
09:30	3.6	202.3	5.3	212.4	11.3	209.0	13.7	208.2	
09:45	3.2	205.1	5.3	218.5	11.9	208.4	13.4	217.2	
10:00	2.9	212.4	5.0	216.4	9.6	209.0	13.0	212.0	
10:15	4.0	203.0	5.9	211.0	10.1	209.6	13.0	208.0	15.1
10:30	5.0	194.0	7.3	204.8	12.5	209.0	12.2	213.0	15.0
10:45	4.0	222.0	7.3	205.4	11.0	213.0	13.0	212.0	14.9
11:00	4.5	211.0	7.5	208.0	9.7	216.1	14.0	210.0	14.7
11:15	4.1	212.0	10.9	194.8	9.8	212.9	14.9	209.0	14.5
11:30	3.7	213.0	8.5	200.0	9.8	211.0	14.0	211.5	14.4
11:45	3.4	213.0	6.5	208.0	8.3	215.0	12.3	215.0	14.0
12:00	3.0	214.0	4.5	216.0	7.0	218.0	11.0	222.0	13.8
12:15	4.0	220.0	5.5	217.0	7.8	213.0	9.5	230.0	13.5

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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							
00:15							
00:30							
00:45							
01:00							
01:15							
01:30							
01:45							
02:00							
02:15							
02:30							
02:45							
03:00							
03:15							
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04:30							
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05:30							
05:45							
06:00							
06:15							
06:30							
06:45							
07:00							
07:15							
07:30							
07:45							
08:00							
08:15							
08:30							
08:45							
09:00							
09:15							
09:30							
09:45							
10:00							
10:15	221.3						
10:30	219.0						
10:45	218.0						
11:00	216.0						
11:15	214.0						
11:30	212.3						
11:45	215.0						
12:00	218.0						
12:15	219.0						

	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	220.0						
12:45	221.0						
13:00	224.7						
13:15	232.8						
13:30	232.9	11.7	233.2				
13:45	232.9	11.8	233.2				
14:00	238.3	11.9	233.2				
14:15	243.9	12.0	233.2				
14:30	244.1	12.1	233.2				
14:45	245.1	12.2	233.2				
15:00	243.6	12.3	233.2				
15:15	229.9	12.4	233.2				
15:30	228.0	12.5	233.2				
15:45	224.0	12.7	233.2				
16:00	215.0	12.5	223.0				
16:15	214.8						
16:30	222.4						
16:45	233.3						
17:00	235.9						
17:15	234.0						
17:30	233.0						
17:45	231.0						
18:00	230.0						
18:15	228.0						
18:30	227.9						
18:45	231.1						
19:00	233.2						
19:15	232.0						
19:30	230.0						
19:45	229.0						
20:00	232.7						
20:15	249.0						
20:30	254.0						
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	228.8	12.2	232.3				
Max	254.0	12.7	233.2				
Hr. of Max	82	63	63				
Min	212.3	11.7	223.0				
Count	42	11	11	0	0	0	0
Total							