

Daily Summary Report

Site: ORNL Sodar

12/28/2018

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	1.4	174.7	2.5	180.0	4.4	188.7	5.6	198.5	9.3
00:15	2.4	173.5	4.3	180.0	6.7	183.0	6.8	187.3	9.1
00:30	2.6	171.6	5.1	175.9	7.1	175.2	8.8	176.7	8.6
00:45	1.3	161.0	3.9	170.3	6.9	164.4	9.0	165.1	9.3
01:00	2.6	163.0	6.2	164.1	7.9	156.4	9.8	155.9	11.9
01:15	2.4	167.3	6.0	165.0	7.3	162.7	9.9	159.7	11.6
01:30	1.0	175.0	2.3	179.8	3.9	178.8	7.0	174.6	8.5
01:45	.4	167.9	1.4	181.1	2.0	187.0	4.0	181.2	6.1
02:00	.5	156.8	1.5	149.0	2.6	157.3	4.2	162.3	6.3
02:15	1.4	167.8	2.6	154.5	4.0	153.6	5.5	157.8	7.5
02:30	.7	186.4	.9	165.8	2.2	171.0	3.5	174.0	5.4
02:45	.2	183.4	.3	190.0	.8	205.3	1.7	201.5	3.6
03:00	.4	137.3	.4	237.9	.7	208.4	2.0	197.1	4.4
03:15	.4	169.5	.9	255.5	.8	221.4	2.3	202.3	5.0
03:30	.5	232.0	.8	256.9	1.1	219.4	2.1	215.1	5.1
03:45	.3	181.7	.4	233.8	.7	212.5	1.8	206.2	4.8
04:00	.5	138.1	.2	205.7	.4	185.6	2.3	192.5	5.3
04:15	.4	157.8	.3	225.8	.3	184.9	3.0	192.0	6.6
04:30	.4	148.6	.2	222.7	.3	238.6	2.3	196.9	5.8
04:45	.5	126.9	.2	279.1	.7	221.2	2.1	217.2	4.6
05:00	.9	125.1	.9	262.3	1.2	245.6	2.6	245.5	4.6
05:15	.8	128.1	.9	254.0	1.2	266.7	2.2	257.1	3.4
05:30	.6	146.1	.6	224.7	.9	261.5	1.6	255.9	2.7
05:45	.4	153.9	.5	218.7	.8	254.3	1.5	244.8	3.6
06:00	.5	136.5	.4	197.4	.5	231.2	1.6	210.3	4.0
06:15	.6	142.2	.4	203.6	.3	235.2	1.4	219.4	3.9
06:30	.5	173.6	.2	293.9	.7	296.6	.8	255.2	2.3
06:45	.5	195.2	.2	298.6	.8	289.0	.6	268.0	.6
07:00	.4	157.3	.3	218.0	.5	300.3	.5	273.4	.5
07:15	.6	141.6	.5	235.5	.5	293.5	.6	293.6	.9
07:30	.6	148.9	.6	235.2	.4	294.3	.8	338.8	
07:45	.5	172.9	.4	218.0	.2	200.9	1.2	354.4	
08:00	.4	210.0	.1	304.9	.3	150.0	.2	69.6	
08:15	.5	215.9	.2	343.4	.1	38.6	.4	20.3	
08:30	.5	199.3	.7	95.8	.2	307.9	.3	11.0	
08:45	.5	190.8	1.1	82.6	.5	70.1	1.0	94.0	
09:00	.9	190.5	.6	71.8	.3	70.9	1.5	95.0	
09:15	1.2	155.2	.6	111.8	.6	148.4	1.8	124.6	3.7
09:30	.9	120.0	1.6	98.9	2.0	122.6	5.7	110.5	7.2
09:45	1.6	100.0	3.8	105.3	6.4	109.6	8.6	113.3	10.2
10:00	.9	123.2	2.3	113.9	2.6	103.8	3.7	107.7	8.4
10:15	.5	120.0	.3	109.9	.6	29.4	.8	43.8	1.6
10:30	.6	161.3	.3	112.4	.5	67.9	.9	83.1	1.8
10:45	.3	154.1	.2	77.3	.2	42.3	.5	114.0	1.8
11:00	.1	271.7	.7	329.4	.9	307.5	.4	265.1	.6
11:15	.2	294.1	.8	333.8	.9	328.2	.3	331.1	.1
11:30	.2	303.7	.7	7.1	.8	351.2	.4	343.6	.2
11:45	.1	257.7	.9	353.3	.7	327.9	.7	305.2	.8
12:00	.0	169.5	.6	7.5	.5	325.3	.4	304.8	.7
12:15	.1	96.8	.3	37.5	.5	322.5	.5	299.6	.7
12:30	.3	108.0	.1	67.0	.6	300.8	.8	279.7	1.1

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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	201.0	10.9	216.4	15.3	217.5	15.0	221.8	13.2	218.2
00:15	188.8	11.0	203.6	14.4	213.8	15.8	222.3	14.0	222.0
00:30	180.5	10.5	187.1	13.4	203.1	15.4	216.8	14.0	205.0
00:45	166.1	10.9	170.5	13.4	181.6	14.5	210.2	13.9	190.0
01:00	155.0	13.6	162.2	16.5	167.1	14.2	175.0	13.8	180.0
01:15	157.9	13.3	160.1	16.1	164.4	13.8	147.9	13.8	165.0
01:30	171.3	10.2	168.2	13.4	171.5	13.8	163.1	13.7	153.8
01:45	177.0	7.5	176.7	10.1	176.9	12.0	173.3	13.3	165.1
02:00	166.7	8.1	169.3	10.6	172.4	11.7	168.3	14.2	179.6
02:15	164.7	9.3	169.2	11.5	171.8	12.3	171.8	15.0	177.8
02:30	178.1	8.4	178.9	10.1	179.8	11.5	185.4	15.5	207.0
02:45	191.9	6.2	187.8	9.1	183.6	11.2	173.4	15.4	215.8
03:00	187.2	6.8	185.4	9.0	186.5	11.8	181.8	14.8	206.8
03:15	190.1	7.5	189.7	9.8	191.9	11.8	195.5	14.1	207.1
03:30	192.2	8.0	190.4	10.1	195.5	12.9	204.6	15.8	213.0
03:45	188.1	7.3	188.1	11.0	192.4	14.2	210.9	15.8	216.6
04:00	193.0	6.9	192.1	10.7	190.4	14.0	209.5	15.0	213.0
04:15	196.8	7.8	198.8	10.6	198.6	13.7	209.2	15.0	215.0
04:30	194.6	7.8	199.4	10.9	195.4	13.7	210.0	15.1	216.0
04:45	208.4	7.8	204.2	11.9	196.3	13.7	210.6	15.2	218.0
05:00	217.2	8.1	203.6	11.1	204.2	11.8	213.0	15.3	219.3
05:15	214.8	6.3	205.6	9.7	205.7	10.5	217.0	13.5	223.6
05:30	221.0	5.7	207.9	9.7	201.7	11.0	213.0	13.5	224.4
05:45	216.4	6.3	205.3	10.0	200.3				
06:00	199.6	6.8	201.5	11.1	207.3				
06:15	195.9	6.5	197.8	11.3	203.0				
06:30	198.5	4.9	192.4	11.5	200.0				
06:45	202.3	4.1	185.9	11.8	198.0				
07:00	356.7	4.5	185.0	12.0	193.0				
07:15	352.8	4.5	184.0	12.3	188.0				
07:30		5.0	184.0	12.5	183.0				
07:45		5.5	183.0	12.8	178.0				
08:00		6.0	183.0	13.0	172.0				
08:15		6.5	182.0	13.0	166.0				
08:30		7.0	182.0	13.3	160.0				
08:45		7.5	182.0	13.5	154.0				
09:00		8.0	181.0	13.5	148.0				
09:15	131.8	8.4	180.5	13.5	142.0				
09:30	127.5	10.0	134.3	13.7	136.3				
09:45	124.2	11.3	130.4	14.1	135.4	15.4	136.5	13.4	136.0
10:00	113.3	10.5	131.2	11.2	136.8	12.0	143.0	13.1	139.4
10:15	103.7	4.4	125.2	7.5	141.0	9.9	153.2	12.8	139.2
10:30	120.3	4.1	142.9	7.1	155.9	10.5	161.8		
10:45	138.4	4.5	160.4	8.0	167.8	11.0	153.0		
11:00	180.5	3.0	180.3	8.3	179.4				
11:15	243.1	.6	188.3	7.0	190.0				
11:30	257.3	.2	188.5	5.0	200.0				
11:45	275.0	.6	273.6	3.5	208.5				
12:00	270.5	1.1	274.8	3.6	230.3				
12:15	258.1	1.1	252.5	4.3	238.9	7.5	229.8		
12:30	246.1	1.4	234.6	4.5	248.0	7.2	233.0		

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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	14.7	215.7	15.3	219.6		
00:15	14.6	205.0	15.4	219.0		
00:30	14.5	190.0	15.5	219.0		
00:45	14.4	180.0	15.6	219.0		
01:00	14.3	170.0	15.7	218.0		
01:15	14.2	160.0	15.8	218.0		
01:30	14.0	152.0	15.9	218.0		
01:45	15.0	175.0	16.0	218.0		
02:00	16.1	199.9	16.1	218.0		
02:15	19.8	204.2	16.2	218.0		
02:30	18.8	211.3	16.2	218.0		
02:45	16.3	216.7	16.3	217.8		
03:00	14.7	224.6	15.9	223.1		
03:15	14.3	227.5	15.3	221.7		
03:30	15.9	221.2	14.8	223.9		
03:45	15.2	221.9	15.4	226.7	15.5	227.8
04:00	15.4	226.3	15.9	225.5	17.4	234.2
04:15	16.0	225.0	16.0	226.0	17.0	232.0
04:30	16.0	224.0	16.0	227.0	17.0	230.0
04:45	16.5	223.0	16.0	228.0	16.8	228.0
05:00	16.9	222.8	16.4	228.2	16.6	226.6
05:15	16.3	223.6	15.3	231.3	16.5	227.0
05:30	14.9	225.0	16.0	229.9	16.5	227.0
05:45						
06:00						
06:15						
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11:45						
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12:15						
12:30						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45						
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22:45						
23:00						
23:15						
23:30						
23:45						
Avg	15.6	206.3	15.8	222.2	16.7	229.1
Max	19.8	227.5	16.4	231.3	17.4	234.2
Hr. of Max	09	13	20	21	16	16
Min	14.0	152.0	14.8	217.8	15.5	226.6
Count	23	23	23	23	8	8
Total						