

Daily Summary Report

Site: ORNL Sodar

12/23/2018

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	.8	263.1	.5	195.9	.5	197.3	.8	199.1	1.2
00:15	.4	264.1	.5	179.5	.4	181.8	.6	200.3	1.1
00:30	.6	289.5	.5	212.9	.3	212.6	.5	238.1	.9
00:45	1.1	307.8	.6	229.0	.4	240.0	.7	244.6	1.1
01:00	1.2	317.2	.4	217.9	.4	242.8	.7	244.8	1.4
01:15	.9	250.0	.3	233.8	.4	255.5	.8	281.9	1.8
01:30	1.3	193.7	.3	258.2	.4	259.5	1.1	286.4	2.0
01:45	1.0	215.1	.2	292.1	.3	261.0	1.0	281.2	2.0
02:00	.5	149.3	.2	196.2	.2	214.7	.6	271.1	1.8
02:15	.6	116.2	.6	195.5	.2	181.1	.3	262.8	1.7
02:30	.7	107.2	.6	199.5	.3	175.4	.2	280.2	1.7
02:45	1.0	106.8	.6	194.0	.6	182.8	.4	237.7	2.1
03:00	.6	121.5	.8	193.8	.9	191.3	.9	239.8	2.5
03:15	1.5	116.7	.8	185.3	1.0	194.1	1.1	236.7	2.5
03:30	1.2	150.2	.9	181.3	1.2	195.1	1.1	236.4	2.0
03:45	1.0	168.1	1.1	175.0	1.5	190.6	1.0	230.9	1.2
04:00	1.1	168.1	1.7	171.6	1.8	183.5	.9	199.9	1.3
04:15	1.0	116.3	1.6	163.8	1.8	173.9	1.1	182.9	1.2
04:30	1.4	77.0	1.4	153.6	2.1	167.3	1.4	178.6	1.3
04:45	2.4	140.6	1.5	157.7	2.5	164.3	1.7	173.1	1.5
05:00	1.9	180.7	1.1	165.7	2.6	162.7	1.9	170.6	1.6
05:15	.2	170.0	1.0	164.4	2.5	165.9	1.9	169.9	2.0
05:30	.3	155.1	1.0	159.4	3.0	169.1	2.9	176.3	1.8
05:45	.4	130.9	1.0	157.8	3.1	174.0	3.8	182.8	3.2
06:00	1.5	111.0	.8	147.3	2.8	177.3	2.6	186.6	3.3
06:15	.4	133.4	.6	140.8	1.8	180.8	1.6	187.4	1.8
06:30	.4	114.6	.3	119.9	1.1	186.6	1.0	185.8	1.9
06:45	.5	105.1	.8	72.5	.7	175.7	.9	182.3	2.4
07:00	.7	99.5	1.4	69.1	.4	127.4	.7	155.5	2.5
07:15	.6	68.1	1.9	64.7	.7	73.6	.8	119.0	2.4
07:30	1.1	16.1	2.5	63.4	1.4	60.8	.8	91.7	2.4
07:45	3.3	61.2	2.6	68.4	2.3	65.1	1.6	77.1	2.7
08:00	4.4	71.3	2.1	71.1	2.8	68.9	2.2	74.3	2.7
08:15	.9	74.4	1.2	66.9	2.6	71.3	1.9	73.1	1.7
08:30	.5	74.1	.8	48.1	2.6	68.6	1.7	66.6	1.0
08:45	.7	233.2	1.5	57.8	3.2	70.0	2.5	67.7	1.4
09:00	1.4	232.2	1.8	63.9	3.7	75.5	3.6	74.6	2.2
09:15	2.2	94.8	1.8	72.4	3.9	75.4	4.3	76.8	2.7
09:30	1.4	84.2	1.6	82.1	3.4	76.1	4.1	77.7	2.5
09:45	.5	98.0	1.4	80.4	3.2	72.3	4.1	75.3	2.3
10:00	.5	89.6	1.5	77.6	3.2	67.8	4.5	72.7	2.5
10:15	1.2	89.9	1.1	77.0	2.9	72.4	4.5	75.6	3.0
10:30	1.2	183.0	1.2	72.3	2.9	70.7	4.5	77.0	2.8
10:45	.8	117.2	1.3	71.3	2.9	68.1	4.3	79.2	2.5
11:00	1.8	107.5	1.1	70.6	3.1	74.3	4.1	81.0	2.3
11:15	.9	108.7	1.1	45.0	3.2	53.2	4.4	49.4	2.0
11:30	.1	124.8	.6	58.1	2.6	51.3	4.2	43.7	1.8
11:45	.3	181.9	.5	78.0	2.4	71.6	3.1	72.4	1.6
12:00	.8	42.8	.5	27.6	1.6	62.8	2.3	70.8	
12:15	1.0	175.7	.2	339.5	.7	24.8	1.1	42.0	
12:30	.4	146.0	.2	289.7	.6	8.4	.1	192.9	

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	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	200.6	1.4	201.9	.9	193.0	.3	112.7	1.6	104.2
00:15	199.4	1.6	208.8	1.9	192.0	1.3	144.8	1.6	121.6
00:30	228.9	2.1	216.1	4.2	202.8	2.4	186.1	1.0	225.7
00:45	237.8	2.7	227.3	6.0	213.1	7.0	223.0	1.0	168.9
01:00	236.0	3.4	234.6	6.3	216.6	5.0	205.0	1.1	130.2
01:15	251.8	3.5	241.5	6.1	219.1	2.4	215.4	1.6	167.1
01:30	262.6	2.8	252.6	6.1	227.8	1.4	244.1	1.3	148.7
01:45	256.0	3.0	248.8	6.1	235.1	1.5	310.0	.5	.5
02:00	240.7	3.9	234.8	6.7	238.6	2.1	269.8	.5	181.9
02:15	238.4	3.8	235.8	5.3	257.5	1.2	288.6	1.5	140.0
02:30	251.8	3.3	248.0	3.3	250.8	1.2	230.0	2.5	109.4
02:45	249.5	3.6	243.2	3.0	248.1	2.0	262.0	1.6	120.2
03:00	243.6	3.4	241.6	1.3	223.8	2.9	265.5	1.6	117.0
03:15	241.0	2.6	239.0	.7	206.6	2.0	248.6	1.7	115.8
03:30	235.1	2.1	229.6	.7	274.2	3.1	250.6		
03:45	226.0	1.3	218.7	1.4	260.2	2.0	275.0		
04:00	205.9	1.8	208.2	3.0	231.9	2.0	280.0		
04:15	190.2	2.3	200.4	4.3	219.0	2.5	242.0		
04:30	183.7	2.4	198.1	5.7	201.1	2.5	205.0		
04:45	182.3	2.9	191.9	5.4	197.7	2.0	198.0		
05:00	183.3	3.1	182.8	4.7	198.7	3.5	188.0		
05:15	183.5	3.1	180.0	4.8	193.4	4.0	198.0		
05:30	183.4	3.7	185.3	3.9	186.5	3.5	226.0		
05:45	187.3	4.9	187.9	3.9	181.2	3.2	215.0		
06:00	186.4	4.9	187.2	2.9	181.9	3.0	205.0		
06:15	182.7	3.4	186.2	1.4	188.3	2.8	195.0		
06:30	179.8	3.1	182.6	3.9	185.9	2.6	185.0		
06:45	172.7	3.8	179.7	4.8	179.5	2.4	177.5		
07:00	163.4	4.5	179.8	5.6	173.7				
07:15	154.6	5.1	179.3	6.0	179.8				
07:30	151.1	5.0	176.0	6.2	183.3				
07:45	142.3	5.3	170.1	8.0	182.0				
08:00	139.2	5.6	166.5	9.8	180.7				
08:15	140.1	4.4	169.7	8.6	185.3				
08:30	124.3	3.0	172.1	7.0	185.3				
08:45	106.1	2.9	165.9	7.0	185.4				
09:00	100.5	3.7	157.5	8.1	184.2				
09:15	86.7	3.2	133.9	7.5	174.9				
09:30	84.2	2.7	131.8	7.4	177.0				
09:45	93.1	2.9	149.0	7.9	181.8	12.3	195.1		
10:00	88.7	2.9	144.5	8.0	176.7	12.0	194.0		
10:15	91.0	3.3	145.5	8.0	173.3	12.0	194.0		
10:30	94.0	4.0	150.0	8.3	174.0	12.0	193.0		
10:45	97.0	5.0	155.0	8.5	175.0	11.8	192.0		
11:00	100.0	5.5	160.0	8.8	175.0	11.5	192.0		
11:15	103.0	6.0	165.0	9.0	176.0	11.3	191.0		
11:30	106.0	6.5	169.0	9.0	177.0	11.0	190.0		
11:45	109.0	7.0	172.3	9.2	177.4	10.8	189.4	14.2	215.5
12:00		6.5	178.0	8.7	181.2	11.5	194.0	14.0	216.0
12:15		6.0	185.0	10.7	188.0	12.4	198.9	14.0	217.0
12:30		5.5	192.0	10.0	195.0	12.3	202.0	14.0	218.0

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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						
00:15						
00:30	1.5	132.0				
00:45						
01:00						
01:15						
01:30						
01:45						
02:00						
02:15						
02:30						
02:45						
03:00						
03:15						
03:30						
03:45						
04:00						
04:15						
04:30						
04:45						
05:00						
05:15						
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						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
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						
13:00						
13:15						
13:30						
13:45	15.8	223.4	15.3	226.5	16.0	225.5
14:00	15.6	227.3	16.8	226.6		
14:15	16.1	228.7				
14:30	16.7	225.4				
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	15.5	315.7	18.3	313.3		
18:30	15.0	312.7				
18:45	14.9	314.3				
19:00	14.5	315.1				
19:15	14.0	315.9				
19:30	13.5	316.7				
19:45	13.0	317.5				
20:00	12.5	318.3				
20:15	12.0	319.1				
20:30	11.5	319.9				
20:45	11.0	320.7				
21:00	10.5	321.5				
21:15	10.0	322.3				
21:30	9.5	323.1				
21:45	9.0	323.9				
22:00	8.5	324.7				
22:15	8.0	325.5				
22:30	7.5	326.3				
22:45	7.0	327.1				
23:00	6.5	327.9				
23:15	6.0	328.7				
23:30	5.5	329.5				
23:45	5.0	330.3				
Avg	10.9	301.2	16.8	255.5	16.0	225.5
Max	16.7	330.3	18.3	313.3	16.0	225.5
Hr. of Max	58	95	73	73	55	55
Min	1.5	132.0	15.3	226.5	16.0	225.5
Count	28	28	3	3	1	1
Total						