

Daily Summary Report

Site: ORNL Sodar

1/7/2019

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					13.7	3.9	13.4	2.2	13.8
00:15			9.6	3.3	13.7	4.4	13.3	1.8	12.7
00:30	7.8	1.6	9.7	3.1	13.5	2.6	13.4	1.2	11.6
00:45	7.8	1.5	10.0	1.7	13.0	2.2	13.6	1.3	12.3
01:00	7.9	.6	9.3	1.7	13.2	2.0	13.8	1.5	11.9
01:15			11.3	177.9	11.7	177.4	10.5	178.9	10.7
01:30					10.9	177.8	13.5	.7	12.0
01:45							14.1	1.2	12.6
02:00							13.9	.9	13.6
02:15			8.9	3.6	12.9	2.3	13.3	1.1	13.2
02:30					13.8	3.3	13.1	2.2	13.4
02:45					14.3	3.0	13.7	1.8	13.2
03:00					14.0	4.5	13.2	3.0	13.5
03:15					14.0	5.3	12.9	3.4	13.7
03:30					6.0	20.0	13.8	1.9	13.3
03:45	.6	65.6	1.6	64.4	.3	35.6	.5	82.9	
04:00	1.0	70.1	1.7	71.1	.6	49.7	1.1	75.2	
04:15	1.3	58.5	1.9	77.8	1.5	78.7	1.5	80.0	
04:30	1.2	47.1	1.7	76.3	1.9	81.4	2.1	84.6	
04:45	.8	48.6	1.1	73.1	1.3	68.1	2.0	87.0	
05:00	.6	53.0	.9	66.8	.9	61.8	1.8	90.0	
05:15	.3	33.4	.6	68.9	1.0	79.8	1.7	94.1	
05:30	.1	9.9	.3	62.3	1.0	92.7	1.5	124.4	
05:45	.3	67.0	.4	66.6	1.2	114.8	2.1	151.1	
06:00	.3	63.4	.3	69.0	1.6	117.2	2.4	153.6	6.8
06:15	.2	62.6	.7	99.6	1.8	127.1	2.8	164.6	6.9
06:30	.1	2.7	1.0	110.7	1.8	136.1	2.9	169.3	6.9
06:45	.2	316.4	.9	105.7	1.5	135.4	2.5	169.5	7.0
07:00	.2	179.8	1.4	113.6	2.0	143.1	2.9	172.2	10.5
07:15	.2	178.6	1.2	100.1	1.8	143.2	2.8	173.0	10.7
07:30	.2	165.8	.8	58.7	.9	139.8	1.9	179.6	5.3
07:45	.6	194.9	.3	30.7	.4	173.3	1.8	191.6	5.1
08:00	.6	228.6	.2	43.3	.5	201.7	1.9	197.4	6.0
08:15	.8	220.6	.4	72.0	.8	207.3	1.9	208.0	11.7
08:30	.8	221.6	.4	111.0	1.1	216.3	2.2	220.9	5.0
08:45	.6	234.3	.3	103.1	1.0	228.4	2.2	239.3	5.3
09:00	.3	260.4	.3	182.2	1.3	223.4	2.9	234.4	5.6
09:15	.1	156.3	.7	184.6	1.7	220.4	3.5	224.8	5.7
09:30	.3	156.5	1.0	207.2	2.2	226.9	3.9	226.1	6.5
09:45	.6	264.6	2.2	216.0	3.0	236.9	4.6	232.2	6.7
10:00	1.3	250.0	2.5	225.4	3.8	241.3	4.9	234.9	7.0
10:15	1.4	246.9	2.6	231.9	4.2	241.2	5.3	233.3	7.8
10:30	1.0	273.0	2.7	237.4	3.8	238.9	5.1	234.7	7.4
10:45	1.4	230.3	2.2	241.6	3.4	231.5	5.0	230.5	7.1
11:00	2.0	232.2	2.9	242.2	3.7	234.7	5.1	229.1	7.1
11:15	2.0	254.5	3.3	247.7	3.9	238.5	4.8	232.9	6.0
11:30	2.1	261.2	3.3	252.4	3.9	238.6	4.3	233.4	5.3
11:45	1.7	251.7	3.1	243.7	3.4	233.4	3.8	229.4	5.3
12:00	1.9	238.0	2.8	231.8	3.7	226.2	4.6	223.6	6.1
12:15	2.8	243.3	2.7	232.8	4.2	230.0	5.1	222.7	7.1
12:30	2.8	231.9	2.7	216.1	3.7	217.9	4.9	213.0	7.3

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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	359.0	13.8	.3	13.0	2.1				
00:15	359.5	13.3	.7	12.8	4.0				
00:30	.1	12.9	.3						
00:45	359.6	13.1	359.6						
01:00	359.3	12.0	359.7						
01:15	179.4	11.2	179.1	10.7	179.9				
01:30	1.2	12.2	.3						
01:45	.7	12.5	358.9	11.5	358.6				
02:00	359.9	14.0	359.7	12.4	359.6				
02:15	359.8	13.4	.2	13.1	2.7				
02:30	359.9	12.6	359.9	13.0	1.0				
02:45	.5	12.3	359.8	12.8	359.0				
03:00	1.9	13.5	359.9	12.5	358.7				
03:15	2.4	12.6	359.9	12.6	357.8				
03:30	2.2	11.3	.4						
03:45									
04:00									
04:15									
04:30									
04:45									
05:00									
05:15									
05:30									
05:45									
06:00	177.2								
06:15	178.7								
06:30	180.6	11.4	185.8						
06:45	183.2	10.8	189.3						
07:00	181.5	11.5	183.2						
07:15	181.2	11.2	183.5						
07:30	184.4	10.8	184.3						
07:45	188.2	9.8	190.2	11.6	204.0				
08:00	189.0	9.2	192.9	10.9	204.7				
08:15	187.4	9.1	198.5	10.8	205.8	16.6	227.1		
08:30	212.0	8.2	210.3	11.3	205.1	16.0	225.0		
08:45	215.3	8.4	209.3	12.0	202.6	15.5	223.0		
09:00	216.6	8.5	204.6	12.7	203.9	15.0	221.2	14.5	223.0
09:15	215.4	8.6	200.5	13.6	203.3	13.9	214.0	14.1	221.8
09:30	211.6	9.8	198.5	15.4	201.1	14.5	211.0	14.0	219.0
09:45	216.0	9.8	203.1	16.0	200.4	15.0	208.0	14.0	218.0
10:00	218.8	10.0	203.1	15.5	196.5	16.0	204.0	14.0	216.0
10:15	215.6	10.8	201.4	15.2	195.1	17.0	200.0	14.0	215.0
10:30	216.7	9.9	203.9	14.2	195.6	18.4	196.9	14.0	214.0
10:45	214.3	9.1	202.0	13.0	196.6	17.0	197.2	14.0	212.0
11:00	212.1	9.3	201.3	12.9	197.0	17.1	197.2	14.0	210.0
11:15	219.7	8.4	207.1	11.9	197.7	14.8	197.8	14.0	208.0
11:30	225.2	7.6	214.4	10.4	200.4	12.9	197.9	14.0	206.0
11:45	223.2	7.2	216.8	9.9	202.3	11.9	199.1	13.7	204.1
12:00	219.5	7.3	214.2	9.8	205.0	11.9	201.1	13.4	208.4
12:15	216.9	8.0	209.5	9.7	205.4	12.1	204.5	13.2	215.3
12:30	208.9	8.6	208.9	9.4	204.0	11.7	209.5	12.8	215.9

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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						
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						
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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	13.8	218.6	12.9	223.7		
12:15	14.0	220.0	13.0	222.0		
12:30	12.9	215.5	13.3	219.4	14.9	227.6

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	11.6	219.4	13.7	222.4	14.9	230.0
13:00	11.8	220.0	13.0	224.0	14.9	230.0
13:15	12.0	220.0	13.0	224.0	14.9	230.0
13:30	12.0	220.0	13.0	224.0	14.9	230.0
13:45	12.3	221.0	13.0	224.0	14.9	230.0
14:00	12.3	221.0	13.0	224.0	14.9	230.0
14:15	12.5	221.0	13.0	224.0	14.9	230.0
14:30	12.5	222.0	13.0	224.0	14.9	230.0
14:45	12.8	222.0	13.0	224.0	14.9	230.0
15:00	12.8	223.0	13.0	224.0	14.9	230.0
15:15	13.0	223.0	13.0	224.0	14.9	230.0
15:30	13.0	223.0	13.0	224.0	14.9	230.0
15:45	13.3	224.0	13.0	224.0	14.9	230.0
16:00	13.3	224.0	13.0	224.0	14.9	230.0
16:15	13.5	224.0	13.0	224.0	14.9	230.0
16:30	13.5	225.0	13.0	224.0	14.9	230.0
16:45	13.8	225.0	13.0	224.0	14.9	230.0
17:00	13.8	225.0	13.0	224.0	14.9	230.0
17:15	13.8	226.0	13.0	224.0	14.9	230.0
17:30	14.0	226.0	13.0	224.0	14.9	230.0
17:45	14.0	226.0	13.0	224.0	14.9	230.0
18:00	14.0	226.0	13.0	224.0	14.9	230.0
18:15	14.3	227.0	13.0	224.0	14.9	230.0
18:30	14.3	227.0	13.0	224.0	14.9	230.0
18:45	14.3	227.0	13.0	224.0	14.9	230.0
19:00	14.3	228.0	13.0	224.0	14.9	230.0
19:15	14.3	228.0	13.0	224.0	14.9	230.0
19:30	14.3	228.1	12.7	225.9	15.0	232.1
19:45	13.8	230.1	13.0	229.0	14.1	230.5
20:00	14.2	228.1	13.6	232.1	13.4	225.8
20:15	14.8	223.6	14.1	230.5	14.3	224.7
20:30	12.4	221.3	13.5	223.5	14.0	223.0
20:45	12.7	222.5	13.3	222.1	13.3	221.6
21:00	11.7	219.8	13.5	227.8	13.6	223.7
21:15	11.8	219.5	13.3	223.9	15.0	228.1
21:30	12.8	222.0	13.9	223.3	14.9	221.5
21:45	13.1	229.0	14.1	228.6	15.0	224.3
22:00	13.5	227.6	13.7	226.7	14.6	227.2
22:15	14.3	223.1	14.4	224.9	14.3	226.7
22:30	15.0	227.1	14.0	223.6	14.6	225.7
22:45	14.5	226.0	14.3	225.0	14.4	227.0
23:00	14.0	224.0	14.6	228.0	14.2	229.0
23:15	14.5	221.7	13.4	227.7	14.1	231.0
23:30	14.5	220.9	12.7	226.4	14.0	228.0
23:45	13.0	224.0	14.1	224.5	13.5	226.0
Avg	13.4	223.7	13.3	224.7	14.6	228.6
Max	15.0	230.1	14.6	232.1	15.0	232.1
Hr. of Max	90	79	92	80	87	78
Min	11.6	215.5	12.7	219.4	13.3	221.5
Count	48	48	48	48	46	46
Total						