

Daily Summary Report

Site: ORNL Sodar

6/25/2018

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	.3	45.9	.6	208.3	1.4	230.0	1.9	225.0	1.7
00:15	.5	16.1	.6	247.3	1.3	232.5	1.7	223.9	2.1
00:30	.4	20.9	.5	246.2	1.2	234.9	1.7	222.8	2.8
00:45	.3	31.4	.9	251.3	1.1	243.0	1.7	227.3	2.8
01:00	.4	359.4	.9	252.3	.8	244.8	1.2	232.7	2.1
01:15	.6	358.2	.8	237.5	.5	232.7	.7	231.7	1.4
01:30	.4	357.6	.7	241.3	.4	227.1	1.1	250.9	1.5
01:45	.3	352.9	.5	224.9	.7	236.5	1.8	248.8	1.9
02:00	.5	357.6	1.0	209.8	1.4	242.0	2.1	241.8	2.2
02:15	.5	353.4	1.1	225.0	1.2	245.6	1.7	245.0	2.5
02:30	.7	358.2	1.2	244.4	1.0	257.6	1.1	258.0	2.9
02:45	.9	358.2	1.1	243.9	1.2	263.6	1.5	257.3	3.5
03:00	.6	353.5	.8	250.9	1.4	265.8	2.2	250.6	4.6
03:15	.4	353.6	.9	252.1	1.5	259.8	2.7	247.5	4.9
03:30	.6	3.1	1.0	245.2	1.6	246.0	3.0	243.4	4.6
03:45	.5	5.6	.9	231.2	1.8	236.7	3.0	236.2	4.5
04:00	.7	12.8	.9	188.7	1.5	226.7	2.3	225.2	4.0
04:15	.5	22.6	1.0	170.8	1.2	210.3	1.5	215.1	3.0
04:30	1.6	170.3	.8	165.9	1.0	194.7	1.5	213.7	2.6
04:45	2.6	177.5	1.0	191.4	.9	198.6	1.5	216.2	2.9
05:00	2.2	179.8	1.2	226.2	1.5	226.2	2.3	229.0	3.4
05:15	1.8	177.6	1.0	236.5	1.4	229.3	2.0	222.3	3.1
05:30	1.2	174.6	.9	208.9	.8	221.1	1.2	212.7	2.2
05:45	1.0	163.0	.6	207.0	.7	209.4	.8	221.6	.4
06:00	.7	142.3	.3	204.8	.7	185.8	.4	208.8	.3
06:15	.7	150.1	.4	146.8	.5	171.4	.4	160.6	.2
06:30	1.2	176.8	.8	132.1	.9	170.7	.9	166.6	.9
06:45	.4	203.1	.8	132.6	1.0	170.8	1.0	173.7	1.5
07:00	.1	316.2	.2	114.6	.8	172.6	.6	174.8	.6
07:15	.4	188.1	.2	24.0	.5	169.9	.2	136.2	.4
07:30	.5	201.5	.4	73.6	.3	152.0	.1	110.7	.3
07:45	.3	168.4	.6	102.4	.4	166.5	.3	170.2	.8
08:00	.8	156.8	.6	102.7	.3	143.3	.4	181.7	1.0
08:15	1.5	171.8	.6	84.3	.4	89.3	.3	165.0	.6
08:30	.3	24.0	.4	85.2	.6	75.5	.5	102.7	.7
08:45	2.4	176.3	.4	80.7	.8	67.8	.7	75.4	.4
09:00	.9	178.3	.5	21.8	.6	67.8	.8	68.6	.1
09:15	.6	178.9	.5	4.8	.4	70.5	.7	80.1	.2
09:30	.1	315.7	.1	20.8	.1	175.5	.1	107.7	.3
09:45	.6	268.8	.4	251.6	.9	228.4	1.0	239.1	.9
10:00	.5	204.9	.5	178.1	.9	187.8	1.0	214.0	.8
10:15	.5	158.9	.5	181.8	.6	182.2	.9	206.5	.4
10:30	.6	234.5	.9	242.9	.9	218.6	1.0	208.8	.9
10:45	.7	245.9	.8	247.7	.5	232.2	.5	213.5	.7
11:00	.9	239.3	1.1	230.8	.8	233.9	1.0	243.9	.7
11:15	.9	241.7	1.4	218.5	1.3	212.7	1.2	217.8	.8
11:30	.5	244.3	.6	206.2	.8	231.4	.7	217.5	.6
11:45	.4	185.2	.9	216.6	.7	221.9	.5	200.4	.4
12:00	.5	182.8	1.1	225.3	1.1	194.4	.9	186.5	.9
12:15	.5	188.9	1.3	194.8	1.6	188.7	1.7	183.6	1.3

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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	221.4	2.4	187.2	4.3	199.3	13.6	225.1	14.0	222.7
00:15	217.8	4.9	189.2	6.7	192.2	12.7	226.0	12.6	225.0
00:30	224.9	6.1	196.0	9.3	193.2	12.7	226.0	12.6	224.0
00:45	234.4	2.9	220.7	8.0	197.0	12.7	226.0	12.5	223.0
01:00	249.4	1.5	245.8	7.0	201.0	12.7	226.0	12.5	222.0
01:15	251.4	.9	255.3	6.0	206.0	12.7	226.0	12.4	221.0
01:30	250.2	1.8	254.7	5.1	211.0	12.7	226.0	12.4	220.0
01:45	250.4	2.8	256.5	6.8	211.6	12.7	226.0	12.3	220.0
02:00	249.7	4.0	260.2	9.1	217.2	12.7	226.0	12.2	219.0
02:15	253.9	4.5	254.3	10.7	220.4	12.7	226.0	12.2	219.0
02:30	262.9	5.0	252.9	10.7	222.5	12.7	226.0	12.1	219.0
02:45	259.3	5.7	251.6	11.5	222.3	12.7	226.4	12.0	218.1
03:00	244.6	6.8	236.4	11.9	219.2	13.2	227.4	13.0	218.6
03:15	239.7	6.8	233.3	11.2	221.2	13.4	223.3	14.8	219.4
03:30	236.1	6.0	233.8	11.2	222.1	13.2	224.3	13.4	222.8
03:45	228.2	6.0	226.2	11.3	221.4	13.8	222.7	13.1	228.3
04:00	220.6	5.9	222.8	10.5	220.3	13.8	222.1	14.8	229.4
04:15	214.5	5.1	220.0	9.8	221.1	12.8	220.3	13.6	225.7
04:30	221.0	3.7	221.0	9.3	223.0	13.0	222.0	13.5	225.0
04:45	240.7	3.7	235.1	8.8	224.4	13.0	224.0	13.4	225.0
05:00	248.7	4.7	233.6	9.5	228.1	13.3	226.0	13.2	225.0
05:15	232.3	5.3	225.8	9.9	225.8	13.6	227.4	13.1	224.9
05:30	206.4	3.8	223.4	10.2	222.5	13.4	227.0	13.3	225.0
05:45	253.5	2.0	236.5	10.5	227.0	13.2	226.0	13.5	225.0
06:00	230.0	1.5	256.1	10.9	233.6	13.1	225.5	13.7	225.2
06:15	170.5	1.1	210.0	9.9	232.1	13.0	225.0	13.3	225.0
06:30	170.7	2.5	185.6	8.3	218.9	12.6	224.0	12.5	225.0
06:45	179.0	3.7	188.2	8.3	219.6	12.2	223.3	11.8	224.7
07:00	175.0	3.3	186.5	6.6	217.9	12.0	223.8	11.5	226.3
07:15	253.0	3.5	189.4	7.0	217.1	11.8	226.5	11.9	228.6
07:30	249.3	4.8	190.0	9.4	216.0	12.3	228.0	13.9	233.6
07:45	175.4	7.2	194.3	9.3	215.3	13.0	223.0	13.3	227.0
08:00	180.0	6.3	200.9	9.4	221.7	12.2	223.3	12.8	221.1
08:15	107.8	4.7	198.0	9.8	226.3	11.8	218.6	13.5	224.2
08:30	119.8	6.8	191.5	9.5	230.0	11.0	218.0	13.4	225.0
08:45	136.2	3.0	90.0	9.0	235.0	10.5	218.0	13.3	225.0
09:00	105.9	.9	3.2	9.0	240.0	10.0	217.0	13.2	226.0
09:15	84.0	.1	338.0	8.5	242.2	9.0	217.0	13.1	226.0
09:30	152.7	1.1	206.9	8.0	235.0	8.5	217.0	13.0	228.0
09:45	217.0	1.9	212.5	6.9	228.8	8.0	217.0	12.9	229.0
10:00	204.2	1.8	197.0	4.2	201.2	7.4	216.3	12.8	229.0
10:15	187.6	1.3	200.2	3.4	207.4	6.3	211.4	12.7	230.0
10:30	195.1	1.9	200.3	4.2	218.3	7.4	221.0	12.6	230.0
10:45	194.8	1.7	196.6	4.7	214.0	7.4	223.4	12.5	230.0
11:00	244.3	1.6	206.6	4.5	219.3	7.2	222.6	12.4	230.0
11:15	221.8	2.1	202.3	5.1	218.3	7.7	224.1	12.3	229.8
11:30	237.3	1.5	198.7	4.8	213.5	7.4	221.9	11.7	229.0
11:45	222.0	1.5	192.2	4.0	205.9	6.9	215.9	8.3	222.3
12:00	207.7	1.4	216.3	3.7	175.9	6.0	208.0	7.2	214.2
12:15	192.9	1.3	208.8	2.7	189.0	5.3	230.0	7.1	220.0

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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	13.7	224.2	13.2	225.7	13.4	223.3
00:15	13.4	225.6	13.5	225.2	12.5	226.0
00:30	14.0	223.0	13.0	225.0	12.6	225.0
00:45	14.0	223.0	13.0	225.0	12.7	224.0
01:00	14.0	223.0	13.0	225.0	12.8	224.0
01:15	14.0	223.0	13.0	225.0	12.8	223.0
01:30	14.0	223.0	13.0	225.0	13.0	222.0
01:45	14.0	223.0	13.0	225.0	13.2	221.0
02:00	14.0	223.0	13.0	225.0	13.3	220.0
02:15	14.0	223.0	13.0	225.0	13.5	219.0
02:30	14.0	223.0	13.0	225.0	13.7	219.0
02:45	14.7	220.7	12.3	225.2	13.8	218.9
03:00	14.3	221.0	12.9	228.2	13.5	219.2
03:15	14.4	223.7	14.4	223.1	13.4	221.1
03:30	14.3	225.6	14.5	221.0	12.8	224.2
03:45	14.2	221.2	14.2	221.0	13.0	224.0
04:00	14.0	220.0	14.0	224.0	14.0	223.0
04:15	14.0	219.5	13.3	227.0	14.9	222.4
04:30	13.5	221.0	13.0	227.0	14.8	223.0
04:45	13.5	222.0	13.0	227.0	14.7	223.0
05:00	13.5	224.0	13.0	228.0	14.6	223.0
05:15	13.5	225.0	12.5	228.0	14.5	223.0
05:30	13.5	226.0	12.5	228.0	14.4	223.0
05:45	13.5	229.0	12.5	228.0	14.3	223.0
06:00	13.2	232.5	12.2	228.9	14.2	223.0
06:15	13.4	231.0	13.0	228.0	14.1	224.0
06:30	13.6	229.0	13.5	227.0	14.0	224.0
06:45	13.7	228.9	13.5	226.0	13.9	224.0
07:00	13.3	226.9	13.8	225.7	13.8	224.0
07:15	13.9	224.3	14.2	223.7	13.8	224.0
07:30	13.7	231.6	14.2	223.0	13.7	224.0
07:45	14.0	228.0	14.2	223.0	13.7	224.0
08:00	14.4	225.0	14.2	222.0	13.6	224.0
08:15	14.7	221.2	14.2	221.8	13.5	223.9
08:30	14.0	221.0				
08:45	14.0	220.0				
09:00	13.5	220.0				
09:15	13.0	220.0				
09:30	13.0	219.0				
09:45	12.5	219.0				
10:00	12.5	219.0				
10:15	12.0	219.0				
10:30	12.0	218.0				
10:45	11.5	218.0				
11:00	11.5	217.0				
11:15	11.0	217.0				
11:30	11.0	217.0				
11:45	10.9	216.2				
12:00	9.0	217.5				
12:15						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30						
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						
14:30						
14:45	12.0	309.4	10.0	309.4	13.0	306.6
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						
19:15	16.3	220.4				
19:30	15.8	217.3	14.3	221.7		
19:45	14.1	220.0	14.4	220.8		
20:00	13.2	225.3	14.1	223.7		
20:15	13.6	223.2	14.0	221.5		
20:30	14.2	223.5	14.9	221.2	14.0	219.7
20:45	15.3	221.2	16.2	221.3	14.4	220.4
21:00	14.9	219.7	15.2	222.0	14.0	220.0
21:15	13.9	223.3	14.2	222.0	13.7	220.3
21:30	14.3	221.8	14.0	222.0	13.7	220.0
21:45	13.4	224.9	14.0	222.0	13.7	220.0
22:00	13.8	223.0	14.0	222.0	13.7	220.0
22:15	13.8	223.0	14.0	222.0	13.7	220.0
22:30	13.8	223.0	14.0	222.0	13.7	220.0
22:45	13.8	223.0	14.0	222.0	13.7	220.0
23:00	13.8	223.0	14.0	222.0	13.7	220.0
23:15	13.8	223.0	14.0	222.0	13.7	220.0
23:30	13.8	223.0	14.0	222.0	13.7	220.0
23:45	13.8	223.0	14.0	222.0	13.7	220.0
Avg	13.5	223.8	13.6	225.7	13.7	223.7
Max	16.3	309.4	16.2	309.4	14.9	306.6
Hr. of Max	77	59	83	59	17	59
Min	9.0	216.2	10.0	220.8	12.5	218.9
Count	69	69	53	53	49	49
Total						