

Daily Summary Report

Site: ORNL Sodar

8/1/2018

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	.6	201.3	1.6	215.5	3.0	205.7	4.8	206.7	7.1
00:15	.8	240.7	1.9	227.8	3.1	218.3	4.6	214.0	7.3
00:30	1.1	279.2	2.4	254.5	3.1	245.4	3.7	234.5	5.0
00:45	1.5	281.0	3.4	266.1	4.0	254.7	4.2	242.2	5.0
01:00	1.8	278.4	4.5	266.8	4.9	257.6	5.2	243.9	5.8
01:15	1.5	278.1	4.6	262.4	4.9	258.1	5.2	248.5	5.7
01:30	1.4	283.7	3.4	263.1	4.7	262.3	4.9	256.2	5.5
01:45	4.8	273.7	3.3	262.3	5.0	259.8	5.8	254.9	6.5
02:00	4.1	259.1	3.5	235.9	5.5	232.7	7.1	227.8	8.5
02:15	2.5	251.5	3.3	226.2	5.4	226.0	6.9	220.7	8.4
02:30	2.0	272.3	3.2	252.6	4.2	247.7	5.1	236.2	6.7
02:45	1.9	270.4	3.7	257.1	4.4	250.8	5.4	242.2	6.5
03:00	1.2	266.9	4.4	255.0	5.1	248.5	6.5	244.1	7.2
03:15	.2	260.8	3.6	249.8	4.5	245.1	5.7	241.0	6.9
03:30	.9	280.1	2.3	244.8	3.6	239.3	5.1	233.8	7.2
03:45	.8	276.8	2.7	248.1	3.9	243.6	5.7	236.3	7.2
04:00	1.1	254.5	3.8	244.9	5.1	243.7	6.7	240.6	7.8
04:15	1.7	259.0	3.7	244.0	4.8	240.5	6.0	236.3	7.6
04:30	1.5	270.9	2.9	245.0	3.8	236.5	5.0	232.3	6.7
04:45	1.1	273.3	2.9	249.3	3.4	239.3	4.5	238.8	6.7
05:00	1.3	271.1	3.1	253.1	3.3	244.8	4.5	248.3	6.5
05:15	1.4	269.1	3.2	255.2	4.0	247.1	4.9	250.3	5.9
05:30	1.5	267.7	3.8	258.8	5.0	251.5	5.7	252.9	7.0
05:45	1.1	264.7	3.4	254.2	4.5	249.0	5.3	254.1	6.9
06:00	.6	255.0	2.0	241.2	2.6	238.6	3.1	255.5	5.2
06:15	.4	248.9	1.7	247.4	2.6	247.9	3.0	253.7	6.1
06:30	.6	257.9	2.2	250.4	3.5	253.0	4.3	251.3	7.6
06:45	.6	267.4	2.2	248.7	3.8	249.9	4.9	245.9	7.9
07:00	.6	275.2	2.3	251.2	3.7	242.4	5.3	231.4	8.1
07:15	1.3	263.8	2.6	240.7	4.1	238.6	5.7	233.1	8.2
07:30	1.2	265.0	3.1	229.5	3.9	229.3	4.8	235.8	7.6
07:45	.6	256.1	2.3	226.5	3.6	219.3	4.3	228.1	7.0
08:00	.4	240.7	1.5	216.7	3.5	217.2	4.7	216.5	7.3
08:15	.3	277.8	1.2	227.6	3.1	222.5	4.0	217.7	7.3
08:30	.2	296.5	1.2	248.6	2.6	224.9	3.3	225.2	5.9
08:45	.1	336.2	1.1	239.4	2.1	225.0	3.2	225.4	5.1
09:00	.1	304.0	.7	242.4	1.4	229.3	3.0	229.3	4.7
09:15	.1	313.4	.7	248.5	1.4	238.9	2.7	232.3	4.2
09:30	.1	313.9	.8	226.4	2.1	237.4	3.3	227.5	4.4
09:45	.2	291.5	.8	241.1	1.8	226.7	2.7	217.9	4.1
10:00	.2	270.2	.6	257.7	1.3	223.5	2.0	219.8	3.0
10:15	.1	233.8	.7	250.5	1.2	228.2	1.5	222.0	2.3
10:30	.2	59.2	.9	245.1	1.2	209.6	2.0	183.5	2.8
10:45	.2	33.8	.9	225.7	1.3	198.2	2.4	183.0	2.9
11:00	.3	16.8	.6	240.7	1.0	194.0	1.2	184.6	1.4
11:15	.2	25.7	.4	316.3	.8	189.2	.8	183.0	.7
11:30	.2	68.5	.2	153.8	1.0	158.8	.8	183.9	1.1
11:45	.4	80.2	.2	104.1	.6	114.2	.7	158.0	1.3
12:00	.4	71.7	.3	285.9	.1	209.9	1.3	179.2	1.3
12:15	.4	67.9	.4	241.5	.3	169.3	.9	176.4	1.0

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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	203.2	9.5	202.7	12.7	214.8	15.5	223.1	14.0	225.3
00:15	205.7	9.6	204.5	10.9	208.9	15.1	217.7	13.7	218.8
00:30	219.6	7.0	215.7	10.2	201.9	13.3	209.2	14.2	211.1
00:45	224.8	6.8	216.9	10.0	203.1	12.8	212.2	14.1	215.9
01:00	229.3	7.1	218.4	9.8	206.6	12.1	206.1	13.7	217.3
01:15	232.5	7.0	220.5	9.6	207.2	11.6	205.1	14.0	221.0
01:30	241.1	7.2	225.9	9.3	212.3	11.4	209.0	14.8	225.1
01:45	248.9	7.9	231.8	9.4	218.5	11.2	210.3	14.3	220.3
02:00	220.6	9.8	215.3	10.6	214.3	11.3	216.0	13.7	219.1
02:15	216.7	9.9	210.6	11.8	212.0	13.2	223.7	13.9	223.5
02:30	228.9	8.3	218.8	12.6	213.5	13.7	219.0	14.3	225.4
02:45	233.2	8.4	225.6	11.0	216.6	14.5	224.5	15.1	226.5
03:00	238.2	9.3	230.3	10.3	219.2	14.0	222.0	15.0	225.0
03:15	236.4	9.6	228.6	10.9	214.9	14.0	220.0	15.0	223.0
03:30	226.8	9.6	225.0	12.4	206.8	13.4	219.5	15.0	222.3
03:45	227.8	10.3	220.5	11.2	211.3	14.2	222.8	14.7	228.3
04:00	233.6	10.8	222.5	10.7	217.6	14.5	223.0	14.7	227.0
04:15	232.6	9.5	223.1	11.9	216.3	15.0	223.0	14.7	227.0
04:30	228.8	9.7	221.2	12.1	216.6	15.1	224.7	14.7	226.0
04:45	232.8	10.5	220.0	11.4	217.2	15.0	220.6	14.7	226.0
05:00	241.8	10.4	220.1	11.4	217.6	14.7	223.0	14.7	225.0
05:15	243.0	9.0	223.0	11.7	215.0	14.5	226.2	14.7	225.0
05:30	256.5	8.0	232.6	12.8	214.2	14.1	222.2	14.7	224.0
05:45	257.8	8.1	233.6	12.2	222.7	14.7	224.0	14.7	224.0
06:00	238.1	8.8	222.7	12.4	220.9	15.5	225.7	14.8	223.0
06:15	232.7	10.1	220.8	12.9	223.6	14.7	225.3	14.8	223.0
06:30	228.5	9.4	224.7	12.8	224.6	13.5	219.8	14.9	222.6
06:45	227.2	10.0	223.7	14.2	227.5	13.6	217.7	15.0	225.0
07:00	228.3	12.1	217.6	15.5	224.4	13.8	221.1	14.5	226.2
07:15	230.6	12.8	220.4	15.4	218.4	14.5	223.7	16.0	225.0
07:30	226.2	12.5	221.8	15.0	220.0	14.8	224.0		
07:45	223.7	11.0	219.9	14.0	222.0	15.3	225.0		
08:00	218.0	10.4	219.3	13.7	224.6	15.5	227.0		
08:15	216.5	10.0	218.3	14.6	225.1	15.7	228.2		
08:30	220.7	8.8	218.2	13.0	223.0				
08:45	218.4	8.1	218.7	12.5	220.0				
09:00	215.3	7.7	228.0	11.5	217.0				
09:15	214.8	6.7	226.9	10.5	214.0				
09:30	219.3	6.5	215.7	9.0	211.0				
09:45	222.1	6.1	218.4	8.0	208.0				
10:00	218.1	5.2	220.2	7.0	205.0				
10:15	210.5	5.0	211.7	6.5	200.0				
10:30	194.0	5.0	197.7	6.0	197.0				
10:45	186.3	5.4	189.3	6.0	194.3				
11:00	189.1	3.3	194.4	5.5	195.0				
11:15	204.6	2.0	210.0	5.5	195.0				
11:30	157.1	1.8	200.0	5.0	195.0				
11:45	161.6	1.7	192.0	5.0	195.0				
12:00	194.6	1.4	184.0	4.5	196.0				
12:15	173.7	1.2	176.0	4.5	196.0				

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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	15.3	227.4	15.2	223.8	16.3	227.9
00:15	14.3	222.4	15.1	222.7	16.7	224.3
00:30	14.3	221.0	15.2	224.0	16.6	224.0
00:45	14.2	220.0	15.2	225.0	16.5	224.0
01:00	14.1	219.4	15.2	226.0	16.4	224.0
01:15	14.7	224.0	15.2	228.0	16.3	224.0
01:30	15.7	228.2	15.3	230.4	16.2	224.0
01:45	15.7	225.9	16.7	230.9	16.1	223.8
02:00	13.1	219.8	14.3	226.5	15.4	230.2
02:15	13.4	224.7	14.4	229.6	14.5	229.1
02:30	14.6	224.9	15.4	228.9	14.1	228.7
02:45	14.7	225.6	15.5	227.9	13.9	230.0
03:00	14.4	225.0	15.5	225.0	14.0	229.0
03:15	14.2	225.0	15.4	224.0	14.0	227.0
03:30	14.2	224.7	15.3	223.7	14.1	226.9
03:45	13.6	224.7	14.7	228.8	14.9	229.3
04:00	13.7	224.0	14.8	228.0		
04:15	13.7	224.0	14.8	228.0		
04:30	13.8	224.0	15.0	228.0		
04:45	13.8	223.0	15.0	227.0		
05:00	13.9	223.0	15.1	227.0		
05:15	13.9	223.0	15.2	227.0		
05:30	14.0	222.0	15.2	227.0		
05:45	14.1	222.0	15.3	227.0		
06:00	14.2	222.0	15.3	226.0		
06:15	14.3	222.0	15.4	226.0		
06:30	14.4	222.0	15.4	226.0		
06:45	14.3	222.1	15.5	226.0		
07:00						
07:15						
07:30						
07:45						
08:00						
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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						
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22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	14.2	223.4	15.2	226.7	15.4	226.6
Max	15.7	228.2	16.7	230.9	16.7	230.2
Hr. of Max	07	06	07	07	01	08
Min	13.1	219.4	14.3	222.7	13.9	223.8
Count	28	28	28	28	16	16
Total						