

Daily Summary Report

Site: ORNL Sodar

2/22/2018

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	1.8	188.3	3.7	186.1	5.3	188.3	7.3	187.7	9.4
00:15	1.7	190.8	3.9	190.1	5.9	189.3	7.9	187.9	9.9
00:30	1.6	191.2	3.4	193.3	5.5	193.1	7.4	190.2	9.7
00:45	1.9	186.7	3.2	191.1	5.3	192.8	7.0	190.2	9.5
01:00	3.0	186.8	3.7	193.4	5.7	192.4	7.2	191.1	10.0
01:15	3.4	188.5	4.0	195.8	6.1	193.7	7.8	191.6	10.5
01:30	2.6	189.6	3.6	201.2	5.8	194.6	7.9	191.2	10.5
01:45	2.5	188.6	3.8	197.9	6.3	194.3	8.3	192.5	10.8
02:00	2.9	192.3	4.7	190.3	6.9	192.0	8.5	192.9	10.9
02:15	2.7	190.6	4.8	188.1	6.7	190.7	8.4	190.9	10.8
02:30	2.1	187.3	4.3	190.5	6.8	190.2	8.6	190.2	11.0
02:45	2.4	189.2	4.5	191.1	6.9	190.5	8.6	191.1	11.2
03:00	5.2	182.9	6.1	189.6	7.0	191.6	8.5	191.2	11.0
03:15	2.1	185.0	5.5	190.4	6.1	194.3	8.0	193.7	10.5
03:30	2.5	198.0	3.7	195.1	5.5	199.1	7.5	198.5	10.0
03:45	2.8	212.6	3.6	206.9	5.4	205.7	7.2	204.3	9.5
04:00	2.9	230.3	3.2	219.0	5.2	212.9	6.7	210.3	8.6
04:15	3.2	222.7	3.7	217.1	5.7	215.1	7.1	213.3	8.8
04:30	4.0	219.3	4.5	217.9	6.5	215.2	7.8	213.9	10.0
04:45	5.0	228.8	5.6	220.7	7.4	218.6	8.8	216.8	10.8
05:00	5.8	228.7	6.6	221.1	8.4	220.2	10.4	218.2	11.9
05:15	5.3	228.0	6.9	220.3	8.5	216.4	10.8	214.2	12.3
05:30	3.6	222.2	7.5	218.9	8.6	212.6	10.6	210.8	12.1
05:45	2.8	206.5	7.0	210.5	8.1	209.7	9.6	208.9	11.2
06:00	2.4	191.2	5.0	199.9	7.4	212.9	9.1	212.1	11.1
06:15	1.6	184.4	3.3	210.2	8.1	216.0	10.4	217.4	12.3
06:30	2.1	173.8	3.7	211.9	8.1	210.2	11.1	214.3	12.6
06:45	1.3	161.7	3.4	212.1	7.0	206.8	9.3	214.4	12.1
07:00	.7	148.9	2.7	221.0	6.7	202.1	8.5	209.0	10.2
07:15	.6	145.5	2.9	227.2	4.9	209.5	6.8	211.6	10.5
07:30	.7	148.4	2.9	237.3	4.4	234.9	7.1	226.3	12.6
07:45	.8	151.6	3.0	224.4	4.9	230.5	7.8	231.6	10.0
08:00	.8	124.9	1.9	223.0	5.1	232.6	7.3	239.7	10.0
08:15	.7	110.8	.9	239.2	3.8	244.2	5.4	232.8	10.0
08:30	.6	105.8	1.2	247.6	1.8	227.4	4.0	210.5	6.0
08:45	.9	101.7	1.1	259.1	1.2	225.1	2.6	206.2	7.0
09:00	.8	99.9	2.0	216.9	4.0	210.0	5.0	208.0	9.0
09:15	1.3	188.0	4.5	206.2	7.6	197.0	9.4	209.5	10.4
09:30	1.0	170.6	2.6	228.9	4.4	206.4	7.1	211.2	10.5
09:45	.5	118.6	1.2	240.3	2.3	210.4	4.6	199.7	10.5
10:00	.8	100.9	1.9	231.7	2.9	208.5	5.4	208.4	8.3
10:15	.6	100.7	1.8	241.2	1.8	214.9	3.7	213.8	8.3
10:30	.2	109.4	1.1	253.7	1.1	228.8	1.5	199.1	4.0
10:45	.3	140.7	1.5	247.1	1.6	234.4	1.8	216.5	2.2
11:00	.8	235.0	3.1	234.5	2.8	227.7	4.0	211.2	6.8
11:15	2.5	214.5	4.9	224.4	4.9	217.1	6.0	209.2	7.4
11:30	3.2	202.2	5.2	208.7	5.8	209.5	6.2	207.4	6.8
11:45	2.5	217.3	4.3	213.8	5.7	211.0	6.3	209.2	7.1
12:00	2.1	245.0	4.3	238.9	6.0	228.3	6.7	227.8	6.6
12:15	3.9	211.2	4.3	208.6	6.5	216.8	6.9	220.9	6.6

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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	186.7	11.4	185.1	13.6	181.4	17.0	196.0		
00:15	187.0	11.8	185.8	13.8	182.1	17.3	196.0		
00:30	188.9	11.2	187.4	14.7	184.2	17.5	196.0		
00:45	189.3	11.3	186.4	15.3	186.8	17.8	197.0		
01:00	187.9	11.9	186.3	15.7	188.6	18.0	197.0		
01:15	188.0	12.1	186.9	14.9	187.2	18.0	197.7		
01:30	188.3	11.9	187.3	14.8	185.5	16.6	183.1		
01:45	189.2	12.2	189.0	15.3	186.0	17.9	188.7		
02:00	189.0	12.6	186.8	15.3	188.3	19.3	193.6		
02:15	188.3	12.4	187.0	15.7	190.3	18.5	192.1		
02:30	188.9	12.2	189.6	15.8	192.2	18.5	192.5		
02:45	189.1	12.3	189.3	15.2	193.7	18.0	199.1		
03:00	189.2	12.5	191.2	14.8	192.5	17.9	202.4		
03:15	190.9	12.3	192.4	14.4	192.1	17.6	200.8		
03:30	195.7	11.9	194.9	14.5	194.4	15.4	200.6		
03:45	200.2	11.4	198.3	13.7	199.5	15.0	203.0		
04:00	206.1	10.6	203.8	12.7	205.8	14.6	207.0		
04:15	210.7	11.0	209.4	13.3	209.1	14.4	210.3		
04:30	211.2	11.7	212.5	14.5	211.7	15.3	219.7		
04:45	214.7	12.3	212.2	15.2	214.6	15.3	219.0		
05:00	217.5	13.2	211.9	16.0	213.6	15.2	218.0		
05:15	215.5	13.8	214.4	16.5	212.1	15.1	217.0		
05:30	210.3	13.7	214.9	15.3	215.6	15.1	216.4		
05:45	208.5	12.8	214.7	14.3	215.8	15.5	213.5		
06:00	220.4	12.2	215.0	15.5	215.9	16.6	215.1		
06:15	222.1	12.7	209.9	15.4	217.2	16.3	216.0		
06:30	212.1	13.5	205.3	14.6	216.9	16.0	216.0		
06:45	209.1	12.8	210.1	14.4	220.3	15.5	216.0		
07:00	199.2	12.5	223.6	14.3	221.0	15.0	217.0		
07:15	212.0	12.9	227.3	14.2	221.0	14.5	217.0		
07:30	227.3	13.5	221.0	14.1	222.0	14.0	218.0		
07:45	212.4	13.2	221.0	14.1	222.8	13.5	219.0		
08:00	217.7	12.0	220.0	13.7	217.8	12.9	219.4		
08:15	224.0	11.5	219.0	13.8	218.0	13.0	221.0		
08:30	201.0	12.0	218.0	14.0	218.0	14.0	223.0		
08:45	205.0	12.5	217.0	14.0	219.0	15.0	224.0		
09:00	210.0	12.5	217.0	14.2	219.0	16.0	225.0		
09:15	215.0	13.0	215.9	14.4	219.5	16.3	226.7	15.0	230.7
09:30	216.4	12.7	219.9	13.5	220.7	15.2	226.7	14.7	230.0
09:45	214.5	12.1	219.2	13.0	219.7	14.4	227.0	14.5	229.0
10:00	212.2	11.8	215.0	12.9	217.5	15.2	220.6	14.3	228.0
10:15	206.7	11.4	217.4	13.1	216.7	13.9	222.6	14.0	227.0
10:30	205.0	9.8	213.1	12.6	221.0	14.6	221.4	13.7	226.0
10:45	235.9	8.0	220.0	12.0	223.1	13.0	230.0	13.3	226.0
11:00	219.1	8.5	214.8	9.9	226.8	11.7	237.8	13.0	225.0
11:15	209.7	8.6	214.8	10.5	221.0	12.3	226.0	12.7	224.3
11:30	209.6	8.0	215.6	11.3	221.7	12.0	222.7	13.0	221.9
11:45	210.2	8.1	211.1	11.2	219.7	11.6	221.1	12.6	224.3
12:00	217.1	7.7	212.0	11.1	213.2	11.6	223.9	12.4	219.9
12:15	212.5	7.7	209.5	10.3	214.4	10.7	215.8	10.7	221.0

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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						
00:45						
01:00						
01:15						
01:30						
01:45						
02:00						
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09:45						
10:00						
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45	12.8	222.9				
12:00	12.3	222.7	14.4	218.2	15.7	216.0
12:15	11.1	227.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	10.4	225.0				
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						
14:30						
14:45						
15:00						
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21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	11.7	224.4	14.4	218.2	15.7	216.0
Max	12.8	227.0	14.4	218.2	15.7	216.0
Hr. of Max	47	49	48	48	48	48
Min	10.4	222.7	14.4	218.2	15.7	216.0
Count	4	4	1	1	1	1
Total						