

Daily Summary Report

Site: ORNL Sodar

11/3/2017

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	.5	303.4	1.4	260.8	1.6	237.6	2.5	230.5	3.5
00:15	.3	186.3	1.3	244.5	1.9	222.7	3.1	221.3	5.2
00:30	.2	146.4	1.0	213.7	2.3	214.4	3.7	216.8	6.1
00:45	.4	182.2	1.2	214.6	2.6	215.5	4.1	219.1	6.3
01:00	1.8	176.4	2.0	212.3	3.5	212.1	5.1	214.6	7.4
01:15	1.5	187.3	2.5	215.5	4.0	211.3	5.7	211.9	7.5
01:30	1.3	209.6	2.5	220.0	3.7	211.4	5.2	213.0	6.6
01:45	.6	232.4	1.8	220.7	2.8	214.1	3.9	217.3	5.3
02:00	.4	241.2	1.2	226.7	2.2	219.5	3.3	219.0	4.2
02:15	.5	237.2	1.1	236.2	2.3	225.1	3.2	221.0	4.6
02:30	.4	251.6	1.1	239.3	2.7	235.3	3.6	230.0	5.0
02:45	.6	254.8	1.6	239.2	3.6	236.8	4.9	233.2	4.2
03:00	1.1	252.9	2.5	235.6	4.3	232.2	5.5	230.3	2.9
03:15	1.4	254.1	2.5	228.5	4.0	224.5	5.3	222.5	3.6
03:30	1.6	264.4	2.2	241.7	3.2	228.7	4.4	223.9	4.5
03:45	1.5	269.4	2.7	258.2	3.3	246.0	3.9	235.5	4.2
04:00	1.3	270.6	2.7	251.6	3.6	245.9	4.4	234.5	5.2
04:15	1.5	234.9	2.6	231.4	3.6	227.7	5.0	219.4	6.5
04:30	1.4	221.4	2.3	217.4	3.5	216.6	4.8	208.8	6.1
04:45	.7	237.9	1.3	208.1	2.8	211.0	3.8	203.4	5.0
05:00	.9	203.3	1.6	211.1	2.6	207.8	3.8	207.1	5.6
05:15	.8	213.8	1.4	209.3	2.2	207.0	3.3	208.2	5.1
05:30	.3	256.4	.7	201.2	1.6	207.8	2.9	210.1	4.6
05:45	.3	262.1	.9	213.6	1.9	217.2	3.2	214.5	4.8
06:00	.3	263.3	1.4	222.8	2.5	217.2	3.7	217.9	5.2
06:15	.7	238.4	1.3	227.3	2.5	225.3	4.0	224.1	5.4
06:30	.8	243.6	.7	219.5	2.2	234.3	3.5	225.1	4.8
06:45	.4	252.9	.8	206.1	2.0	224.0	3.2	217.6	4.8
07:00	.4	249.0	.7	206.9	1.9	219.4	3.3	216.9	5.3
07:15	.3	236.2	.3	218.6	1.6	230.4	3.0	226.9	4.9
07:30	.3	221.7	.2	201.5	1.7	232.8	2.9	226.9	4.6
07:45	.4	217.3	.4	170.0	1.5	224.8	2.7	220.0	4.2
08:00	.3	207.6	.2	120.8	1.0	228.2	1.9	225.7	3.3
08:15	.3	195.0	.2	83.1	.9	243.3	1.8	239.8	2.0
08:30	.2	148.4	.3	140.4	1.2	243.4	2.0	236.9	2.1
08:45	.3	109.7	.3	162.9	1.2	232.9	2.0	227.4	3.2
09:00	.4	104.1	.2	120.8	1.0	218.9	1.6	212.7	3.2
09:15	.7	103.6	.5	89.0	.5	222.0	1.1	220.4	2.9
09:30	.8	98.7	.5	88.9	.2	249.0	1.0	235.5	2.7
09:45	.5	97.3	.4	111.3	.3	235.4	1.0	232.7	2.9
10:00	.4	105.3	.4	137.8	.4	196.5	1.1	214.0	3.0
10:15	.3	100.9	.3	125.4	.4	170.2	1.2	194.9	2.8
10:30	.2	74.8	.2	104.1	.4	185.2	1.2	195.4	3.0
10:45	.2	59.6	.1	151.5	.8	196.8	1.8	199.4	3.6
11:00	.2	64.8	.6	211.4	1.6	201.8	2.8	201.9	4.4
11:15	.2	80.7	.7	203.1	1.5	205.1	2.7	205.0	4.5
11:30	.4	104.2	.3	183.6	.9	221.8	1.6	214.4	3.5
11:45	.1	197.3	.6	251.3	1.0	227.2	1.5	231.4	2.9
12:00	.3	274.8	1.1	269.4	1.1	235.8	1.9	243.8	2.9
12:15	.2	313.4	.9	285.6	.9	273.0	1.5	264.9	2.1

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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	223.8	6.0	210.9	10.4	190.0	8.5	191.0		
00:15	215.2	7.7	204.6	10.3	195.0	8.7	192.0		
00:30	211.6	8.1	200.8	10.3	200.0	8.8	193.0		
00:45	216.8	8.4	204.8	10.3	205.0	8.9	194.0		
01:00	212.7	9.3	207.7	10.3	211.6	9.0	195.0		
01:15	208.0	8.9	205.3	8.7	194.2	9.2	197.0		
01:30	207.1	8.1	206.8	9.7	198.4	9.3	198.0		
01:45	206.1	6.9	206.0	9.0	196.8	9.5	200.0		
02:00	206.0	6.5	197.6	11.0	182.2	9.7	201.0		
02:15	208.2	6.1	192.1	10.5	185.0	9.8	203.0		
02:30	209.8	2.9	188.1	10.0	189.0	10.0	204.0		
02:45	215.9	2.1	204.2	9.5	193.0	10.2	205.0		
03:00	223.1	1.5	198.1	9.0	197.0	10.3	206.0		
03:15	207.4	5.1	188.1	8.0	200.0	10.5	208.0		
03:30	207.0	6.5	195.6	7.9	203.0	10.7	209.9		
03:45	223.7	5.9	206.9	8.0	203.3	9.6	217.6	11.1	220.1
04:00	227.8	5.9	223.5	8.6	208.0	10.6	217.3	13.6	212.9
04:15	211.6	7.2	208.6	9.8	207.9	11.2	209.4	14.4	213.1
04:30	202.7	7.0	202.0	9.0	203.8	11.5	211.3	13.2	217.1
04:45	199.4	6.0	201.2	8.0	203.3	10.6	214.5	12.9	217.0
05:00	196.7	6.9	198.6	9.5	201.0	12.1	208.3	13.4	216.6
05:15	198.9	7.5	199.7	10.3	202.6	12.6	211.7	13.0	218.0
05:30	208.0	7.1	204.6	9.9	206.8	12.7	214.3	12.6	220.2
05:45	210.9	6.7	205.7	10.2	211.6	12.4	216.6	12.6	221.0
06:00	215.9	6.6	210.8	10.2	219.0	12.2	214.0	12.6	221.0
06:15	217.5	6.6	213.9	10.2	215.5	11.9	212.5	12.6	222.0
06:30	216.5	5.9	215.9	9.6	215.1	10.8	210.0	12.6	222.3
06:45	214.7	6.1	215.1	8.8	213.9	10.4	211.1	11.6	225.7
07:00	212.8	7.2	211.5	8.4	212.3	11.7	219.0	12.7	228.8
07:15	220.4	7.0	216.6	9.3	218.9	13.0	222.0	12.8	230.0
07:30	219.0	7.0	219.1	10.2	217.0	14.4	226.4	13.0	231.0
07:45	211.4	6.8	211.5	10.1	213.4	13.1	222.5	13.1	232.1
08:00	204.3	5.7	204.6	9.2	215.7	13.3	221.0	12.3	227.6
08:15	202.1	4.5	208.2	8.8	214.8	13.6	225.2	13.5	228.0
08:30	218.0	5.0	216.6	9.9	213.2	11.6	215.0	12.2	222.0
08:45	216.5	5.7	213.0	10.1	213.5	13.0	222.2	12.4	223.0
09:00	212.6	5.3	209.5	9.7	209.5	13.0	221.0	12.8	225.0
09:15	222.6	4.9	214.2	9.5	210.9	12.7	219.4	12.9	226.7
09:30	225.5	4.8	215.5	9.6	212.7	12.5	212.3	11.9	229.9
09:45	212.2	5.0	212.5	10.1	211.5	12.3	213.4	11.1	221.4
10:00	203.0	5.4	209.1	10.3	212.5	12.9	217.0	10.4	225.3
10:15	199.0	5.2	204.7	10.0	210.5	13.0	224.4	11.3	223.9
10:30	204.7	4.9	205.2	9.7	209.3	13.0	220.4	13.4	214.9
10:45	206.3	5.8	209.2	10.5	214.2	13.1	216.8	11.2	223.0
11:00	209.4	6.6	214.1	10.9	217.1	12.4	219.3	11.5	228.7
11:15	210.0	6.4	213.9	10.5	216.0	12.8	219.8	13.4	225.9
11:30	207.8	5.4	211.3	10.4	213.3	11.8	216.0	12.8	220.0
11:45	218.0	4.6	216.4	9.5	213.4	12.3	217.0		
12:00	235.1	4.0	225.4	8.4	221.7	12.9	217.9		
12:15	264.7	3.1	252.2	7.9	239.5	11.0	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						
02:15						
02:30						
02:45						
03:00						
03:15						
03:30						
03:45						
04:00	12.4	222.1				
04:15	12.8	223.3				
04:30	14.0	213.3	13.0	220.5		
04:45	13.6	214.7	12.3	222.2		
05:00	13.5	216.0	12.3	222.0		
05:15	13.5	218.0	12.4	222.0		
05:30	13.4	220.0	12.5	222.0		
05:45	13.3	222.0	12.5	222.0		
06:00	13.2	224.0	12.6	222.0		
06:15	13.1	227.0	12.7	222.0		
06:30	13.0	230.6	12.8	222.2		
06:45	14.5	231.7	13.4	221.4		
07:00	14.0	232.0	13.6	222.0		
07:15	13.5	232.0	13.8	224.0		
07:30	13.0	232.0	14.0	225.0		
07:45	12.6	231.3	14.1	226.3		
08:00	12.9	227.0	13.4	229.0		
08:15	13.9	230.0	13.1	231.7		
08:30	13.0	228.0				
08:45	13.1	227.0				
09:00	13.3	225.0				
09:15	13.5	224.0				
09:30	13.6	223.0				
09:45	13.8	222.0				
10:00	13.4	226.3				
10:15	13.3	226.0				
10:30	13.3	226.0				
10:45	13.3	226.0				
11:00	13.3	225.5				
11:15	13.3	225.4				
11:30	14.0	224.0				
11:45						
12:00						
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						
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14:30						
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21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	13.4	225.0	13.0	223.5		
Max	14.5	232.0	14.1	231.7		
Hr. of Max	27	30	31	33		
Min	12.4	213.3	12.3	220.5		
Count	31	31	16	16	0	0
Total						