

Daily Summary Report

Site: ORNL Sodar

7/1/2017

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	1.9	208.2	2.9	225.1	4.1	216.2	5.3	214.5	7.2
00:15	1.9	209.9	3.1	221.2	4.7	215.3	5.8	215.3	7.8
00:30	2.3	220.4	3.6	218.6	5.3	215.7	6.7	213.4	8.7
00:45	2.7	220.0	4.1	222.6	5.7	217.5	7.2	215.2	9.3
01:00	2.8	212.2	4.2	217.9	5.8	213.4	7.6	214.6	9.3
01:15	2.6	217.2	4.5	215.7	5.9	206.4	7.4	208.7	9.3
01:30	2.5	209.3	4.3	215.2	5.5	206.7	6.9	207.1	8.8
01:45	1.8	203.4	3.5	218.5	4.6	210.7	6.0	209.0	7.2
02:00	1.9	225.5	3.6	219.2	4.6	211.6	5.6	211.2	6.9
02:15	2.1	220.4	4.0	218.7	5.2	214.8	6.1	213.3	7.9
02:30	2.7	237.2	3.9	225.0	5.4	218.1	6.4	214.9	8.2
02:45	1.6	188.2	3.7	224.1	4.9	216.7	6.3	213.9	7.9
03:00	2.1	226.2	3.5	222.7	4.6	212.8	6.0	212.0	7.8
03:15	1.9	203.6	3.8	220.4	5.1	210.1	6.4	211.1	8.1
03:30	2.3	202.8	3.9	213.3	5.3	209.7	6.5	209.4	7.8
03:45	2.8	221.0	3.5	217.9	4.8	214.5	6.0	213.5	7.2
04:00	2.2	198.0	3.4	228.9	4.6	219.8	5.3	221.3	6.7
04:15	1.9	189.2	3.1	226.6	4.6	216.8	5.2	216.6	5.7
04:30	1.9	198.4	3.6	223.0	5.1	217.4	6.2	216.8	6.1
04:45	1.7	195.9	3.4	221.2	4.8	219.6	6.0	220.1	6.1
05:00	1.3	188.8	2.6	211.3	3.8	214.9	4.8	215.6	5.2
05:15	1.1	189.4	2.8	210.0	3.9	212.5	4.8	213.5	4.5
05:30	1.4	207.3	3.2	220.8	4.7	213.5	5.5	214.4	4.6
05:45	1.6	197.1	3.4	225.4	4.8	214.6	5.4	215.1	5.3
06:00	1.6	175.4	2.8	225.7	4.0	215.9	4.8	216.5	5.0
06:15	1.9	209.3	3.0	222.0	4.3	216.3	5.2	218.1	5.6
06:30	2.2	229.7	5.0	213.9	5.3	212.8	6.2	216.4	7.3
06:45	1.5	202.7	4.6	217.4	5.0	215.9	5.8	217.8	6.6
07:00	1.9	204.0	2.9	227.2	4.2	223.2	4.7	223.1	5.6
07:15	2.1	221.6	2.8	221.5	3.9	220.1	4.5	219.3	5.4
07:30	2.2	220.1	3.3	219.5	4.5	216.5	5.3	215.3	5.6
07:45	2.1	217.0	3.6	223.3	5.0	219.6	6.0	218.9	6.0
08:00	2.0	218.5	3.2	232.3	4.6	228.3	5.7	226.0	6.1
08:15	1.8	216.8	3.0	229.8	4.2	227.2	5.0	222.8	6.2
08:30	1.7	182.6	3.2	231.1	4.2	223.6	4.9	222.0	6.3
08:45	1.1	212.6	3.3	232.3	4.5	222.6	5.5	225.6	6.5
09:00	1.4	132.1	2.3	226.4	3.9	214.3	4.8	219.9	5.6
09:15	.7	104.8	1.3	229.0	2.6	211.6	3.3	214.3	4.4
09:30	.7	103.0	1.1	231.4	2.4	225.1	3.6	222.6	5.1
09:45	.5	140.4	1.6	231.7	2.6	230.9	3.8	224.4	4.8
10:00	.5	168.5	1.8	228.7	2.7	215.5	3.5	216.8	4.0
10:15	1.1	215.9	2.7	231.5	3.6	212.3	4.0	214.7	4.1
10:30	1.3	219.8	3.1	223.4	3.9	216.9	4.0	213.6	3.8
10:45	.9	202.5	3.0	223.3	3.4	219.8	3.8	215.3	3.7
11:00	1.2	224.6	3.9	239.2	3.6	233.1	4.2	229.1	4.9
11:15	.7	242.7	3.2	241.8	3.6	235.1	4.1	230.7	4.8
11:30	.8	216.5	3.4	224.6	3.9	216.1	4.3	218.4	4.5
11:45	1.6	206.3	3.8	216.0	3.4	207.5	3.8	214.9	4.1
12:00	1.3	212.8	1.7	217.5	2.4	223.1	2.7	220.5	3.0
12:15	1.0	232.8	1.5	235.8	2.4	244.7	2.5	236.8	2.9

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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	216.7	9.2	216.8	12.1	221.0	13.3	221.1		
00:15	215.7	9.9	215.9	13.3	221.4	13.4	219.0		
00:30	213.0	10.6	214.7	13.9	223.9	13.7	216.5		
00:45	213.7	11.0	216.8	12.7	228.1	13.8	222.1	12.1	218.0
01:00	212.8	10.8	217.9	11.5	228.0	12.1	224.6	11.8	224.9
01:15	210.5	10.6	214.5	11.3	224.1	11.3	226.9	10.9	226.9
01:30	210.7	10.4	211.3	12.2	217.3	11.4	226.0	11.0	226.0
01:45	212.3	9.2	212.0	12.3	216.0	11.5	225.5	12.0	226.0
02:00	211.3	8.8	214.1	11.5	219.1	12.8	226.0	13.0	226.0
02:15	211.1	9.3	214.4	11.6	222.2	13.2	228.3	13.3	225.9
02:30	212.7	9.6	214.0	12.0	221.6	13.2	227.8	13.8	232.0
02:45	212.8	9.4	214.9	11.8	222.3	13.3	229.9	14.2	238.6
03:00	212.6	9.3	214.7	11.6	223.8	13.7	231.6	12.9	237.6
03:15	212.2	9.6	213.2	11.6	222.9	13.2	228.7	12.8	237.0
03:30	210.9	9.4	216.4	12.1	229.2	12.5	227.2	12.6	236.0
03:45	214.3	8.7	221.3	11.9	231.8	12.6	230.3	12.5	236.0
04:00	218.6	8.1	222.7	11.3	228.3	12.2	231.0	12.4	235.0
04:15	209.8	6.5	208.9	10.1	222.5	12.0	232.0	12.2	235.0
04:30	207.3	6.9	214.5	10.7	224.7	11.9	232.1	12.1	234.8
04:45	210.4	7.6	216.4	11.3	227.4	12.0	232.2	11.9	234.0
05:00	192.8	5.6	180.9	11.3	226.0	12.1	232.2	11.7	233.0
05:15	188.8	4.1	182.4	11.3	225.0	12.2	232.2	11.6	232.0
05:30	190.5	5.8	193.8	11.3	224.4	12.4	232.2	11.5	231.0
05:45	197.4	6.2	191.6	10.9	226.0	12.3	232.0	11.3	230.0
06:00	197.0	5.8	189.4	10.6	229.0	12.0	231.0	11.2	229.0
06:15	211.4	7.0	212.4	10.3	232.0	11.8	231.0	11.0	228.0
06:30	219.9	8.9	224.7	10.1	235.2	11.5	230.8	10.9	227.2
06:45	220.8	7.6	224.9	9.0	241.3	11.2	239.4	12.0	227.5
07:00	229.4	6.7	236.0	9.1	241.6	11.3	244.9	13.0	227.5
07:15	225.2	7.5	231.4	9.5	235.9	11.2	243.1	14.0	227.5
07:30	214.8	7.7	220.5	9.8	232.3	9.6	242.8	14.8	227.5
07:45	215.8	7.6	223.2	10.1	230.2	10.0	232.9	12.5	233.7
08:00	226.1	7.2	227.6	10.2	230.0	11.3	230.9	11.0	233.7
08:15	227.3	6.6	231.7	9.8	234.5	11.4	236.5	11.5	233.6
08:30	230.9	7.7	237.3	9.7	243.2	11.3	243.1	11.4	239.6
08:45	233.1	8.1	238.2	9.8	244.7	10.4	243.9	11.6	243.3
09:00	226.7	7.0	233.2	9.5	235.8	10.9	240.5	12.9	241.3
09:15	225.0	5.9	231.2	8.6	234.7	10.9	238.8	12.0	244.2
09:30	231.0	6.0	233.9	7.3	240.7	9.3	243.9	10.7	245.7
09:45	229.0	5.8	231.5	6.9	241.3	8.6	246.4	10.6	244.3
10:00	217.8	5.4	229.2	7.2	242.6	8.9	242.4	11.9	237.9
10:15	218.7	5.0	231.3	6.9	241.7	9.5	237.5	11.8	231.0
10:30	217.5	4.7	224.4	6.5	236.0	8.6	237.3	11.7	225.6
10:45	217.3	5.2	214.8	7.0	230.4	8.6	239.3	10.2	232.6
11:00	232.4	6.0	226.1	8.0	226.5	10.7	237.1	10.3	232.0
11:15	228.3	4.8	229.9	8.4	225.1	10.3	238.0	10.3	232.0
11:30	211.3	4.8	219.0	6.9	228.2	9.8	239.0	10.4	232.0
11:45	212.5	4.3	217.9	6.4	230.9	9.3	240.0	10.5	231.0
12:00	224.4	2.5	218.6	6.0	228.0	8.8	241.0	10.5	231.0
12:15	239.2	2.4	239.7	5.5	226.0	8.3	242.0	10.6	232.0

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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	12.1	217.7				
03:00	10.7	225.9				
03:15	10.8	226.0				
03:30	11.0	226.0				
03:45	11.2	226.0				
04:00	11.3	226.0				
04:15	11.4	226.0				
04:30	11.5	226.0				
04:45	11.6	227.0				
05:00	11.7	227.0				
05:15	11.8	227.0				
05:30	11.9	227.0				
05:45	12.0	227.0				
06:00	12.0	228.0				
06:15	12.1	228.0				
06:30	12.2	228.0				
06:45	12.3	229.0				
07:00	12.4	229.0				
07:15	12.4	229.0				
07:30	12.4	229.9				
07:45	12.0	231.1				
08:00	12.7	237.4	12.8	243.9		
08:15	13.6	236.0	13.8	248.9		
08:30	13.2	240.0	13.8	248.0		
08:45	12.8	244.3	13.8	247.0		
09:00	12.3	242.0	13.7	247.0		
09:15	11.8	240.0	13.7	246.0		
09:30	11.2	238.5	13.7	246.0		
09:45	11.7	237.0	13.7	245.0		
10:00	12.4	235.6	13.7	245.0		
10:15	12.4	235.0	13.7	245.0		
10:30	12.4	235.0	13.7	245.0		
10:45	12.4	234.0	13.7	244.0		
11:00	12.5	234.0	13.6	244.0		
11:15	12.5	233.0	13.6	243.0		
11:30	12.5	233.0	13.6	243.0		
11:45	12.5	233.0	13.6	242.0		
12:00	12.5	232.0	13.6	242.0		
12:15	12.5	232.0	13.6	241.0		

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	12.5	232.0	13.5	240.0		
12:45	12.5	231.0	13.5	239.0		
13:00	12.5	231.0	13.5	239.0		
13:15	12.5	230.0	13.5	238.0		
13:30	12.5	230.0	13.5	238.0		
13:45	12.5	230.0	13.4	237.0		
14:00	12.5	229.0	13.4	237.0		
14:15	12.5	229.0	13.4	236.0		
14:30	12.5	228.0	13.4	236.0		
14:45	12.5	228.0	13.4	235.0		
15:00	12.5	228.0	13.4	235.0		
15:15	12.5	227.0	13.3	234.0		
15:30	12.5	227.0	13.3	234.0		
15:45	12.5	226.0	13.3	233.0		
16:00	12.5	226.0	13.3	232.0		
16:15	12.5	226.0	13.3	231.0		
16:30	12.5	225.0	13.2	230.0		
16:45	12.6	225.0	13.2	229.0		
17:00	12.6	225.0	13.2	229.0		
17:15	12.6	224.3	13.2	228.9		
17:30	12.3	228.3	12.8	232.7		
17:45	11.7	231.9	12.4	230.0		
18:00	12.0	230.2	12.0	227.0		
18:15	13.3	227.3	11.7	224.6	11.9	224.7
18:30						
18:45						
19:00						
19:15						
19:30						
19:45						
20:00						
20:15						
20:30						
20:45						
21:00						
21:15						
21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	12.2	230.1	13.4	238.4	11.9	224.7
Max	13.6	244.3	13.8	248.9	11.9	224.7
Hr. of Max	33	35	35	33	73	73
Min	10.7	217.7	11.7	224.6	11.9	224.7
Count	63	63	42	42	1	1
Total						