

Daily Summary Report

Site: ORNL Sodar

5/18/2017

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	2.6	189.0	3.3	190.5	5.3	188.6	7.3	186.3	9.8
00:15	3.1	186.0	2.7	193.0	4.8	187.6	6.9	185.2	9.4
00:30	2.7	182.1	3.1	187.4	5.0	184.7	7.0	182.8	9.6
00:45	2.5	182.3	3.3	183.3	4.7	181.3	6.3	180.4	8.8
01:00	2.6	183.2	3.1	186.7	4.2	180.7	5.4	177.4	8.1
01:15	2.1	186.0	2.8	189.1	4.1	178.7	5.5	175.4	8.4
01:30	1.6	177.2	3.0	180.3	4.2	177.4	5.9	176.9	8.6
01:45	1.8	176.4	2.5	187.9	4.2	180.7	6.0	180.0	8.8
02:00	2.0	178.7	2.2	196.8	3.7	186.4	5.5	183.3	8.5
02:15	1.3	169.9	1.6	212.3	2.9	198.5	4.5	191.1	6.9
02:30	.7	184.2	1.7	222.0	3.0	212.7	4.4	203.5	6.8
02:45	1.3	188.5	2.2	215.8	3.8	213.3	5.5	205.2	7.7
03:00	3.1	193.2	3.3	206.5	4.9	209.7	6.8	204.6	9.1
03:15	3.3	192.3	4.0	203.3	6.0	203.3	8.1	202.1	10.8
03:30	2.8	193.0	4.3	207.4	6.6	202.0	8.7	201.3	11.3
03:45	3.4	201.1	5.3	204.3	7.3	202.4	9.2	199.7	11.6
04:00	3.5	190.7	5.3	198.3	7.7	196.3	9.4	195.1	11.8
04:15	3.2	190.2	4.7	196.1	7.1	193.8	9.1	192.8	11.6
04:30	2.7	192.0	4.5	198.8	6.5	195.5	8.6	192.6	10.9
04:45	2.6	193.6	4.0	201.7	5.8	197.2	7.9	194.6	10.4
05:00	2.5	196.7	3.9	202.4	5.7	199.1	7.6	196.9	10.4
05:15	2.3	206.4	3.8	209.2	5.5	204.0	7.0	200.4	9.6
05:30	2.3	201.6	3.1	218.5	4.4	211.8	5.9	206.4	7.8
05:45	1.6	208.0	2.7	231.0	3.9	217.6	5.2	210.5	7.0
06:00	1.1	212.7	2.5	239.4	3.6	222.0	4.8	212.6	6.8
06:15	1.1	215.8	2.4	244.2	3.3	225.6	4.6	214.6	6.7
06:30	2.8	200.7	2.6	246.4	3.8	226.1	5.1	215.2	6.4
06:45	3.7	197.1	2.6	244.5	4.0	227.3	5.3	216.8	6.5
07:00	3.3	216.8	2.6	245.5	3.7	232.5	4.9	222.4	6.5
07:15	.9	240.4	2.8	245.2	3.5	230.3	4.8	224.4	6.6
07:30	.8	219.6	2.7	244.1	3.6	228.7	5.0	222.0	7.2
07:45	1.9	203.9	2.8	242.6	4.0	228.5	5.6	220.6	8.3
08:00	2.6	205.6	3.1	239.5	4.4	226.7	6.1	222.0	8.6
08:15	2.5	219.5	3.4	239.9	4.7	228.8	6.3	224.3	8.2
08:30	3.4	225.7	3.5	240.5	4.7	228.1	6.1	224.6	7.9
08:45	4.3	209.7	3.2	230.7	4.3	223.8	5.6	222.9	7.2
09:00	2.5	223.8	2.6	218.9	4.5	221.1	5.6	219.5	6.8
09:15	2.0	210.0	2.5	222.1	4.7	222.9	5.8	221.0	6.7
09:30	2.0	229.1	3.7	228.9	4.5	223.2	5.8	223.5	6.9
09:45	3.8	227.2	4.7	230.2	4.6	219.8	5.7	222.3	6.8
10:00	5.1	208.5	4.7	223.7	5.4	216.8	6.1	216.8	6.7
10:15	6.6	201.0	5.0	223.9	6.1	215.8	6.6	214.3	6.9
10:30	4.7	209.8	4.9	232.6	5.2	223.1	5.5	222.1	6.8
10:45	3.6	239.2	4.8	233.5	4.8	230.6	5.2	228.6	6.5
11:00	2.6	223.0	3.3	226.4	4.1	222.7	4.5	215.0	4.9
11:15	2.2	219.4	3.1	224.7	3.8	220.1	4.0	213.2	4.0
11:30	3.7	235.6	4.5	226.7	5.2	220.7	5.1	222.7	4.3
11:45	3.5	220.7	4.2	218.4	5.3	213.1	5.4	213.4	5.2
12:00	3.1	221.5	5.1	214.6	5.7	211.7	6.2	209.5	6.8
12:15	2.7	232.4	5.8	214.3	6.5	210.3	6.9	211.2	7.0

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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	182.6	11.7	181.3	11.1	181.6	12.0	184.5		
00:15	182.4	10.7	181.7	11.3	179.1	11.8	182.0		
00:30	180.7	9.8	180.4	11.4	177.3	11.5	181.0		
00:45	178.6	10.7	177.8	12.2	179.3	11.2	179.3		
01:00	178.3	10.7	177.2	12.4	179.3	12.3	180.5		
01:15	177.6	11.0	177.6	12.0	178.5	12.0	185.1		
01:30	178.6	11.3	177.8	12.6	176.7	11.8	183.9		
01:45	181.4	11.1	179.3	11.4	177.1	11.1	187.1		
02:00	183.0	10.9	181.1	11.3	186.5	11.3	184.0		
02:15	188.9	9.4	183.5	11.2	186.7	12.3	187.5		
02:30	197.9	8.8	190.0	10.5	192.0	12.7	205.2		
02:45	198.6	9.3	194.2	11.2	195.1	13.0	205.7		
03:00	199.0	10.2	195.8	12.3	197.7	13.2	191.3		
03:15	198.9	12.2	192.9	13.4	198.3	11.5	186.0		
03:30	199.3	12.7	194.0	13.0	194.1	11.1	187.4		
03:45	198.1	13.5	195.1	13.8	206.4	12.5	200.0		
04:00	194.4	13.9	192.2	13.4	211.8	14.7	224.0	16.1	225.5
04:15	192.6	13.7	190.1	13.5	210.4	14.5	225.8	16.3	225.8
04:30	192.5	13.2	190.3	14.7	210.3	14.8	220.0	15.6	216.8
04:45	192.8	12.7	191.1	13.2	202.6	15.0	216.2	14.0	214.9
05:00	194.8	12.8	192.1	13.7	193.2	14.9	214.0	14.1	219.9
05:15	197.5	11.8	194.6	14.7	194.7	14.6	215.8	14.0	224.0
05:30	201.0	9.8	196.7	13.5	197.7	14.4	219.1	14.8	223.0
05:45	202.3	9.1	198.1	12.1	202.7	14.0	220.0	14.5	223.0
06:00	202.2	8.9	198.6	11.7	210.5	13.5	221.0	14.3	224.0
06:15	203.4	8.5	199.4	11.8	212.3	13.0	222.0	14.0	224.0
06:30	204.2	8.6	203.5	11.1	216.3	13.0	222.0	13.8	224.0
06:45	204.6	10.0	210.2	11.0	218.0	12.5	223.0	13.5	224.0
07:00	214.9	7.5	216.4	10.9	220.8	12.0	223.0	13.3	224.0
07:15	215.7	7.8	213.7	11.1	218.2	12.6	223.1	13.0	224.0
07:30	214.3	8.9	214.1	12.5	215.0	12.0	215.4	12.8	224.5
07:45	215.7	10.0	218.3	13.0	213.3	11.8	217.0	12.6	224.5
08:00	216.3	10.4	217.8	13.6	217.7	11.6	219.0	12.4	224.5
08:15	220.4	10.3	218.7	13.3	221.7	11.5	221.0	12.2	224.5
08:30	222.5	9.9	220.8	12.2	221.6	11.4	222.0	12.0	224.5
08:45	218.8	8.8	218.7	11.2	219.5	11.3	223.0	11.9	224.6
09:00	214.3	8.3	216.7	11.1	218.1	12.8	218.0	12.0	225.0
09:15	217.1	8.4	219.8	11.7	218.8	12.8	220.6	12.5	220.6
09:30	221.7	8.3	222.0	11.4	222.0	12.8	229.3	12.7	234.0
09:45	219.0	7.9	216.4	10.5	218.5	12.2	221.5	13.1	232.0
10:00	214.4	8.1	207.7	10.6	215.2	11.3	218.5	14.0	227.0
10:15	215.6	8.2	211.0	10.2	216.1	11.6	218.9	12.0	225.0
10:30	224.8	7.3	222.7	8.4	217.1	10.7	224.0	9.7	226.7
10:45	230.4	6.6	227.2	7.2	225.0	10.2	233.1	9.7	236.0
11:00	215.3	5.3	212.2	6.0	217.6	10.1	230.5	10.7	226.4
11:15	215.1	4.4	212.3	5.6	219.5	9.1	227.7	10.4	223.4
11:30	224.0	3.9	220.7	5.6	224.8	8.4	229.9	10.0	226.5
11:45	212.4	5.2	207.1	7.6	206.3	8.9	220.5	11.0	226.0
12:00	209.0	8.1	205.5	10.8	207.0	10.4	211.1	10.6	216.6
12:15	210.7	7.7	208.9	9.6	209.6	10.0	203.0	8.4	219.0

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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	14.4	224.5	15.5	224.6	13.9	214.6
04:15	14.5	226.1	16.1	223.9	14.0	218.0
04:30	15.3	223.0	15.9	222.9	15.0	223.1
04:45	14.7	224.6	15.5	223.2	14.5	223.2
05:00	14.7	224.0	15.5	224.0		
05:15	14.7	223.0	15.5	224.0		
05:30	14.7	222.9	15.3	225.0		
05:45	14.6	223.0	15.3	225.0		
06:00	14.4	223.0	15.0	226.0		
06:15	14.2	223.0	14.8	226.0		
06:30	14.1	224.0	14.8	227.0		
06:45	14.0	224.0	14.5	227.0		
07:00	13.9	224.0	14.5	228.0		
07:15	13.8	225.0	14.3	228.0		
07:30	13.7	225.0	14.0	229.0		
07:45	13.6	225.0	13.8	229.0		
08:00	13.5	226.0	13.5	230.0		
08:15	13.3	226.0	13.5	231.0		
08:30	13.2	226.0	13.3	231.0		
08:45	13.0	227.0	13.0	232.0		
09:00	12.8	227.0	12.8	232.0		
09:15	12.7	227.1	12.5	233.0		
09:30	12.6	227.6	12.3	233.0		
09:45	12.9	225.8	12.0	234.0		
10:00	13.8	224.1	11.8	234.0		
10:15	11.9	219.3	11.5	234.0		
10:30	10.0	227.6	11.3	234.0		
10:45	9.6	234.2	11.2	234.3		
11:00	8.9	225.0	10.2	228.7		
11:15	8.9	221.9				
11:30	11.5	226.0				
11:45	12.3	226.0				
12:00	12.3	225.9				
12:15	12.3	225.8				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	12.4	225.7				
12:45	12.4	225.6				
13:00	12.5	225.5				
13:15	12.6	225.4				
13:30	12.6	225.3				
13:45	12.7	225.2				
14:00	12.7	225.1				
14:15	12.8	225.0				
14:30	12.8	224.9				
14:45	12.8	224.8				
15:00	12.9	224.7				
15:15	12.9	224.6				
15:30	13.0	224.5				
15:45	13.1	224.4				
16:00	13.1	224.3				
16:15	13.2	224.2				
16:30	13.2	224.1				
16:45	13.2	224.0				
17:00	13.2	223.9				
17:15	13.3	223.8				
17:30	13.3	223.7				
17:45	13.3	223.6				
18:00	13.3	223.5				
18:15	13.3	223.4				
18:30	13.4	223.3				
18:45	13.4	223.2				
19:00	13.4	223.1				
19:15	13.4	223.0				
19:30	13.4	222.9				
19:45	13.5	222.8				
20:00	13.5	222.7				
20:15	13.5	222.6				
20:30	13.5	222.5				
20:45	13.5	222.4				
21:00	13.6	222.3				
21:15	13.6	222.2				
21:30	13.6	222.1				
21:45	13.6	222.0				
22:00	13.6	221.9				
22:15	13.7	221.8				
22:30	13.7	221.7				
22:45	13.7	221.6				
23:00	13.7	221.5				
23:15	13.7	221.4				
23:30	13.8	221.3				
23:45	13.8	221.2				
Avg	13.2	224.1	13.8	228.7	14.4	219.7
Max	15.3	234.2	16.1	234.3	15.0	223.2
Hr. of Max	18	43	17	43	18	19
Min	8.9	219.3	10.2	222.9	13.9	214.6
Count	80	80	29	29	4	4
Total						