

Daily Summary Report

Site: ORNL Sodar

11/18/2017

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	3.4	195.0	5.2	203.6	6.8	202.5	8.5	199.3	10.7
00:15	3.5	195.0	5.3	203.7	6.8	202.4	8.5	198.8	10.8
00:30	3.4	201.8	4.8	206.2	6.6	204.5	8.2	199.5	10.2
00:45	3.5	203.4	4.6	210.1	6.3	208.3	7.8	203.8	9.4
01:00	3.3	210.0	3.9	219.7	5.5	214.2	6.8	209.7	9.0
01:15	2.5	202.0	3.3	223.2	5.0	213.2	6.4	206.7	8.7
01:30	2.4	205.0	3.6	222.2	5.0	209.4	6.6	203.8	9.0
01:45	1.9	209.0	3.5	221.5	4.9	214.3	6.6	207.5	9.0
02:00	2.0	223.0	3.5	227.7	4.6	223.1	6.2	214.5	8.5
02:15	1.9	245.0	3.8	242.6	4.5	230.5	5.7	220.3	8.0
02:30	1.7	265.0	3.9	243.8	5.0	230.4	6.3	220.6	8.8
02:45	2.5	250.0	4.5	232.2	5.9	222.7	7.6	214.0	10.3
03:00	3.3	235.0	4.8	226.4	6.4	218.6	8.3	210.4	10.3
03:15	3.0	236.9	4.5	226.7	6.3	218.8	8.2	210.8	9.9
03:30	2.5	215.0	4.5	225.5	6.2	219.0	7.8	209.4	10.0
03:45	3.2	220.0	4.9	225.7	6.5	217.7	8.2	208.9	10.4
04:00	4.0	221.7	5.2	231.8	6.5	219.9	8.2	210.9	10.5
04:15	3.2	220.5	4.6	236.7	5.5	222.7	7.0	213.4	9.6
04:30	2.5	200.0	3.5	233.0	4.7	218.9	6.2	210.4	8.8
04:45	2.8	190.0	3.5	227.3	4.9	213.2	6.6	204.4	9.1
05:00	2.4	202.0	3.7	230.4	5.4	214.3	6.9	204.5	9.1
05:15	1.9	230.0	3.6	236.1	5.2	220.7	6.3	209.4	8.0
05:30	1.5	265.5	3.7	237.7	4.6	229.3	5.3	215.6	7.0
05:45	1.8	249.5	3.2	243.9	3.8	234.9	4.5	220.4	6.3
06:00	1.2	249.7	2.6	242.8	3.5	235.8	4.6	223.4	6.1
06:15	1.0	281.2	2.6	231.7	4.0	232.9	5.3	220.9	7.1
06:30	1.7	225.0	3.2	222.7	4.4	227.2	5.9	214.8	8.0
06:45	1.3	233.8	3.3	219.8	4.0	231.0	5.5	217.7	7.7
07:00	1.1	290.3	1.9	228.9	3.3	241.2	4.7	231.0	6.8
07:15	1.6	346.6	2.6	199.1	2.7	233.4	4.2	222.9	6.6
07:30	1.4	320.0	3.9	193.7	3.6	202.9	5.6	194.7	8.0
07:45	1.2	300.0	3.2	216.3	4.1	202.8	6.2	191.6	8.6
08:00	1.1	275.1	2.8	231.8	3.2	227.0	4.5	207.6	7.1
08:15	1.5	287.8	2.6	252.6	3.4	244.5	4.1	225.0	5.8
08:30	1.6	289.4	2.4	249.3	3.4	246.5	4.1	230.3	5.4
08:45	2.1	278.4	2.1	235.7	3.3	239.6	4.2	223.5	6.0
09:00	1.2	240.6	2.6	225.8	3.6	236.4	4.8	220.2	6.5
09:15	1.6	227.7	3.0	240.1	4.1	232.4	5.3	219.1	6.7
09:30	1.9	229.1	3.5	237.7	4.4	228.0	5.8	215.8	7.3
09:45	2.2	232.1	4.1	236.2	5.1	226.6	6.3	217.3	7.4
10:00	2.8	219.7	4.4	235.5	5.8	222.1	6.8	215.8	7.6
10:15	3.9	207.5	4.7	225.0	6.2	216.0	7.3	211.5	8.0
10:30	3.7	208.4	4.8	224.1	5.8	214.9	6.9	211.6	8.1
10:45	2.3	206.2	3.7	225.0	4.5	213.2	5.6	210.9	7.2
11:00	1.3	208.3	2.9	227.2	3.8	212.5	4.9	210.8	6.4
11:15	1.0	213.1	2.9	232.2	3.9	217.2	4.7	213.2	6.1
11:30	1.1	213.9	3.0	210.8	4.4	214.0	5.3	210.3	6.9
11:45	1.4	188.1	3.7	207.2	5.5	211.5	6.8	210.6	8.9
12:00	2.9	177.5	4.7	215.1	6.4	213.4	8.8	215.5	10.1
12:15	2.9	179.1	6.3	196.0	7.6	208.9	10.5	212.2	11.0

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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	196.1	12.6	192.7	15.0	189.9	16.9	194.1	11.8	193.0
00:15	195.8	12.4	193.3	14.9	191.3	17.2	193.1	12.0	195.0
00:30	195.4	12.0	193.6	14.2	192.0	16.4	193.2	12.0	197.0
00:45	198.0	11.5	195.1	13.4	193.3	15.8	195.5	12.1	199.0
01:00	201.6	10.3	197.6	12.6	194.8	12.7	197.2	12.2	201.0
01:15	199.0	9.7	196.2	12.5	193.1	13.3	194.2	12.3	202.0
01:30	196.6	10.4	194.8	13.1	192.8	16.4	193.7	12.4	204.0
01:45	200.2	10.5	197.8	13.3	196.3	15.8	195.8	12.5	205.0
02:00	205.5	10.4	200.5	12.8	199.5	15.6	198.1	12.5	206.0
02:15	208.5	10.2	202.0	12.3	200.3	15.3	199.3	12.6	208.0
02:30	208.9	10.4	203.6	12.8	200.9	15.2	199.6	12.6	208.0
02:45	204.6	11.8	201.5	14.3	197.8	16.0	198.8	12.6	209.0
03:00	203.4	12.1	198.6	15.4	195.5	16.4	197.3	12.6	209.0
03:15	203.6	11.6	197.9	15.1	195.1	15.0	199.0	12.7	210.5
03:30	202.0	11.6	197.6	14.6	194.3	16.0	198.0	13.2	213.2
03:45	202.5	12.1	197.8	15.2	194.8	16.5	196.0	13.3	214.0
04:00	202.0	12.3	198.0	15.4	195.7	17.0	195.0	13.0	214.0
04:15	201.3	11.4	197.2	14.4	195.3	17.5	194.0	12.8	215.0
04:30	200.0	10.8	196.0	14.0	192.3	18.0	192.3	12.5	215.0
04:45	196.9	11.1	193.6	14.5	189.8	17.5	189.9	12.3	216.0
05:00	196.0	10.9	192.5	14.4	189.4	15.0	190.0	12.0	216.0
05:15	197.2	10.1	192.8	13.1	190.8	14.0	192.0	11.8	217.0
05:30	201.1	8.7	194.9	11.5	194.0	12.6	195.3	11.5	217.1
05:45	206.5	8.1	198.8	11.3	196.0	12.4	198.7	13.0	207.2
06:00	208.3	8.5	201.1	12.2	193.6	12.2	196.5	13.5	206.0
06:15	206.0	9.5	199.6	12.6	194.2	12.4	197.0	14.0	205.0
06:30	201.8	10.3	195.8	12.7	193.8	14.2	195.2	14.5	204.0
06:45	201.5	9.8	194.3	12.6	190.5	14.8	194.2	15.0	201.0
07:00	207.3	9.1	194.9	11.6	190.9	11.7	200.2	17.0	200.0
07:15	200.6	8.8	191.3	11.0	192.1	12.8	197.5	18.7	198.4
07:30	186.4	9.7	185.5	12.1	189.0	14.6	192.2	19.4	199.6
07:45	186.4	10.1	185.6	12.3	188.1	14.7	191.9	19.5	197.0
08:00	196.6	8.1	192.0	10.8	190.5	13.4	195.7	16.1	198.5
08:15	205.4	7.2	197.2	9.7	194.4	12.9	195.3	14.4	198.3
08:30	209.4	7.3	199.3	9.6	198.5	11.8	197.9	14.2	196.8
08:45	206.4	7.8	198.4	10.0	197.3	11.7	200.2	14.0	197.7
09:00	203.1	8.4	197.5	10.2	195.1	12.3	197.8	13.9	200.0
09:15	203.5	8.2	197.8	10.2	195.7	12.4	197.7	14.3	200.5
09:30	206.1	8.6	199.9	10.0	200.7	12.5	204.3	14.0	203.9
09:45	208.6	8.8	201.9	10.5	200.1	11.9	209.5	14.0	207.4
10:00	206.0	8.7	202.8	11.2	200.2	12.0	208.1	14.8	206.4
10:15	203.5	8.7	204.7	10.9	203.4	12.9	208.0	15.5	208.9
10:30	205.3	9.0	203.7	10.4	206.8	11.4	214.5	15.5	212.0
10:45	206.4	8.7	202.4	10.3	209.4	12.0	213.5	15.4	213.6
11:00	208.1	8.1	205.6	10.8	208.5	13.9	210.4	15.7	213.2
11:15	211.7	8.5	209.1	11.3	210.5	13.4	212.1	14.4	213.6
11:30	209.3	9.8	208.3	12.2	215.5	12.5	216.0	14.0	217.9
11:45	205.2	11.2	204.3	12.7	215.8	13.4	214.2	14.3	223.7
12:00	209.3	12.3	213.7	13.5	221.6	13.5	219.8	15.2	221.1
12:15	213.5	13.4	220.0	15.6	221.5	14.2	225.4	16.0	215.3

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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	14.7	226.3				
03:45	15.0	225.0				
04:00	16.0	224.0				
04:15	17.0	223.0				
04:30	17.5	222.0				
04:45	18.0	221.0				
05:00	18.5	220.0				
05:15	19.0	219.0				
05:30	20.0	218.0				
05:45	21.0	216.0				
06:00	22.0	214.0				
06:15	22.5	212.0				
06:30	23.0	210.0				
06:45	23.5	208.0				
07:00	24.0	206.0				
07:15	24.5	204.0				
07:30	25.5	202.0				
07:45	26.6	200.1				
08:00	21.0	201.0				
08:15	16.9	201.6				
08:30	16.6	200.2				
08:45	17.5	201.0				
09:00	18.4	202.8				
09:15	16.1	206.4				
09:30	17.1	207.4				
09:45	16.5	211.0				
10:00	16.0	214.8				
10:15	17.3	213.3				
10:30	17.7	213.2				
10:45	15.8	218.5				
11:00	16.6	217.9				
11:15	15.9	217.0	16.6	221.6		
11:30	15.8	216.8	16.3	223.5		
11:45	15.7	217.9	15.7	224.2		
12:00	15.3	220.0	15.3	225.0		
12:15	15.0	224.0	15.0	226.0		

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	14.9	228.3	14.8	227.0		
12:45	16.0	232.2	14.5	228.0		
13:00	15.6	236.1	14.3	230.0		
13:15	15.0	237.9	14.1	232.8	15.4	235.3
13:30	16.0	230.0	14.3	227.2		
13:45	16.8	223.0	15.5	225.5		
14:00	16.4	223.1	15.8	219.3		
14:15	15.4	221.5	15.8	219.0		
14:30	15.8	218.1	15.8	218.0		
14:45	15.8	219.0	15.9	217.0		
15:00	15.9	222.0	16.0	216.0		
15:15	16.0	223.0	16.2	216.0		
15:30	16.0	224.9	16.4	215.0		
15:45	13.7	232.0	16.6	215.0		
16:00	15.0	226.0	16.8	214.0		
16:15	16.2	220.3	16.9	213.6		
16:30	14.2	220.4	16.5	214.6		
16:45	14.0	223.0	16.5	215.0		
17:00	14.2	223.0				
17:15	14.4	222.0				
17:30	14.5	222.0				
17:45	14.6	222.0				
18:00	14.7	222.0				
18:15	14.8	222.0				
18:30	14.9	221.6				
18:45	13.8	221.2				
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	17.2	217.9	15.7	221.0	15.4	235.3
Max	26.6	237.9	16.9	232.8	15.4	235.3
Hr. of Max	31	53	65	53	53	53
Min	13.7	200.1	14.1	213.6	15.4	235.3
Count	62	62	23	23	1	1
Total						