

Daily Summary Report

Site: ORNL Sodar

12/2/2018

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	.6	259.0	.6	244.9	2.3	238.5	4.0	232.6	6.0
00:15	.8	262.9	.4	241.9	2.4	243.5	4.3	233.6	6.0
00:30	.5	262.1	.6	290.8	2.5	269.4	3.8	246.4	5.3
00:45	.6	273.7	1.2	268.5	2.8	258.9	4.1	243.6	5.8
01:00	1.4	343.1	1.9	223.1	3.1	228.9	4.8	219.1	7.0
01:15	1.4	197.7	1.9	219.2	3.2	221.0	4.9	213.2	7.4
01:30	.5	248.1	2.0	272.3	3.0	245.5	4.0	227.5	6.2
01:45	.6	277.0	2.4	274.9	3.5	254.3	4.3	239.1	5.7
02:00	.4	232.1	2.1	212.3	3.2	231.1	4.8	221.7	7.4
02:15	1.0	251.0	2.8	211.7	3.2	234.5	4.9	224.8	7.3
02:30	2.8	260.2	3.0	242.6	4.9	244.0	6.5	239.7	8.2
02:45	2.8	249.8	3.9	232.7	6.3	235.0	8.2	236.0	10.7
03:00	2.7	240.5	4.1	233.6	6.3	232.0	8.7	235.6	11.3
03:15	2.7	249.3	3.8	236.2	5.7	233.3	8.1	236.4	10.5
03:30	2.5	255.0	3.3	238.3	5.5	236.9	7.3	237.3	10.1
03:45	1.6	260.9	2.3	241.2	4.7	237.0	6.2	236.0	9.2
04:00	1.3	268.8	1.5	236.0	3.3	229.8	4.8	231.6	5.5
04:15	.9	273.5	1.0	228.1	2.4	233.4	4.2	237.0	3.4
04:30	1.0	277.2	.7	243.7	2.8	245.0	4.8	243.4	3.7
04:45	1.6	272.4	1.3	254.2	3.1	246.7	5.8	244.3	3.7
05:00	.6	269.5	1.1	256.4	2.7	237.5	5.3	238.2	2.0
05:15	.2	83.2	.7	248.3	2.4	232.6	4.3	232.1	3.1
05:30	.2	67.3	.5	224.8	1.9	228.3	3.2	223.4	4.4
05:45	.1	319.5	.3	210.2	1.5	213.6	2.9	213.5	4.5
06:00	.2	279.1	.3	213.1	1.5	204.1	3.0	212.9	4.6
06:15	.3	267.6	.7	195.1	1.6	208.0	2.5	214.1	3.8
06:30	.1	279.6	.9	186.6	1.3	215.9	1.9	215.1	2.7
06:45	.1	265.9	.7	179.0	1.2	219.1	1.7	215.9	2.3
07:00	.1	251.7	.4	188.2	1.3	226.6	1.4	225.6	1.6
07:15	.1	186.3	.4	197.9	1.1	226.2	1.0	224.1	1.2
07:30	.2	194.1	.4	180.4	.5	208.9	.6	219.7	1.2
07:45	.3	221.8	1.4	183.8	.7	200.5	.8	204.8	1.9
08:00	.3	230.7	3.0	188.1	1.2	193.6	.8	200.4	1.8
08:15	.4	229.6	3.4	191.9	.5	193.4	.1	249.0	.4
08:30	.3	207.2	2.0	197.9	.5	240.6	.3	257.5	.3
08:45	.4	211.9	1.4	199.6	1.1	211.1	.7	216.6	.6
09:00	.6	222.6	1.7	203.7	2.5	200.1	1.8	205.2	.6
09:15	.5	212.4	1.8	206.2	3.3	206.3	2.8	212.1	1.8
09:30	.9	220.6	2.8	205.9	4.3	211.1	4.3	213.9	6.0
09:45	1.9	207.9	3.5	209.0	5.3	211.9	6.2	210.5	7.5
10:00	1.5	211.1	3.3	213.2	5.0	219.0	6.2	214.4	7.9
10:15	.6	226.5	2.7	225.1	4.5	225.1	5.8	219.4	7.1
10:30	.3	122.9	2.1	234.4	3.8	222.2	5.3	216.4	6.6
10:45	.2	92.7	1.6	224.7	3.2	219.8	4.7	213.7	5.6
11:00	.3	166.9	1.1	215.0	2.7	216.3	4.0	212.1	3.4
11:15	.3	221.3	1.2	213.2	2.5	209.2	3.4	213.8	3.3
11:30	.3	272.1	1.4	224.7	2.5	209.8	3.3	218.2	3.7
11:45	.1	233.3	1.4	220.5	2.8	204.3	3.0	206.1	1.8
12:00	.1	14.1	1.7	223.1	4.2	200.7	5.9	199.2	4.0
12:15	.3	284.9	2.4	213.1	4.7	204.9	6.7	199.5	7.3
12:30	.2	249.8	2.1	196.4	3.9	201.2	5.7	193.5	5.7

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12/2/2018

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	216.9	8.1	209.2	10.9	201.7	12.7	195.8	12.7	204.7
00:15	218.9	8.4	205.9	11.6	196.7	13.3	193.6	11.0	210.5
00:30	230.2	7.2	210.8	10.7	197.6	13.2	197.0	11.5	212.0
00:45	225.5	7.8	208.7	10.9	198.9	13.8	198.9	12.1	214.7
01:00	205.9	9.6	195.3	12.9	189.9	14.4	195.2	12.7	211.7
01:15	198.8	10.3	190.6	13.3	188.3	14.2	195.0	14.0	210.0
01:30	206.1	9.4	195.8	11.9	193.1	14.1	194.3	15.8	208.3
01:45	219.3	8.5	206.3	11.6	201.1	13.8	203.3	14.7	215.8
02:00	206.8	9.5	201.2	12.5	202.6	13.8	210.3	14.9	217.9
02:15	211.4	9.7	201.7	12.4	207.7	14.8	224.0	14.7	222.5
02:30	236.4	10.4	232.7	11.2	232.8	15.3	240.9	17.5	239.0
02:45	239.7	13.0	242.5	14.1	245.3	15.0	235.0	17.4	238.4
03:00	243.6	13.4	244.6	14.8	243.3	14.5	230.0	17.3	237.7
03:15	240.2	12.7	237.0	13.5	231.0	14.5	225.0	17.2	237.1
03:30	239.5	13.2	237.8	12.0	215.0	14.0	220.0	17.1	236.4
03:45	242.8	8.0	215.0	10.0	195.0	14.0	215.0	17.0	235.8
04:00	240.3	4.2	194.9	8.6	178.8	13.5	210.0	16.9	235.1
04:15	232.6	1.9	185.7	9.0	179.0	13.0	205.0	16.8	234.5
04:30	238.1	1.9	193.7	9.0	180.0	12.5	200.0	16.7	233.8
04:45	240.5	1.2	208.7	9.0	181.0	12.0	195.0	16.6	233.2
05:00	218.7	.9	201.1	9.0	181.0	11.5	190.0	16.5	232.5
05:15	222.5	1.7	186.0	9.0	182.0	11.0	185.0	16.4	231.9
05:30	225.9	3.0	186.5	9.0	183.0	10.5	182.0	16.3	231.2
05:45	225.2	3.6	208.4	9.1	182.3	10.1	179.4	16.2	230.6
06:00	229.2	6.0	241.7	9.3	180.0	9.5	180.0	16.1	229.9
06:15	231.4	5.0	239.6	8.1	181.8	9.3	180.0	16.0	229.3
06:30	231.5	3.5	231.5	10.0	179.9	10.0	178.5	15.9	228.6
06:45	224.6	2.5	227.5	9.0	181.0			15.8	228.0
07:00	217.5	1.2	221.1	8.0	184.0			15.7	227.3
07:15	227.1	2.2	235.0	6.0	187.0			15.6	226.7
07:30	232.8	2.7	241.4	5.0	190.0			15.5	226.0
07:45	214.9	2.5	227.7	3.0	194.0			15.4	225.4
08:00	206.4	2.0	213.8	2.7	197.8			15.3	224.7
08:15	205.8	.6	237.2	2.3	215.7	.5	352.6	15.2	224.1
08:30	251.3	.9	242.1	4.4	199.8	.1	129.7	15.1	223.4
08:45	215.7	2.3	206.3	7.7	202.8	4.0	150.0	15.0	222.8
09:00	216.9	1.8	194.7	7.5	193.2	8.8	185.1	14.9	222.1
09:15	218.8	1.2	225.6	9.7	193.7	11.0	202.0	14.8	221.5
09:30	205.3	8.3	203.1	12.8	215.8	14.1	223.5	14.7	220.8
09:45	210.3	9.5	213.8	13.8	218.1	15.0	228.3	14.6	220.2
10:00	213.1	10.0	213.3	13.2	217.1	14.0	230.8	14.5	219.5
10:15	217.6	8.8	215.4	11.9	217.4	13.4	227.6	14.4	218.9
10:30	214.4	8.2	214.2	11.6	215.5	13.3	219.8	14.3	214.7
10:45	208.3	8.1	210.0	10.6	212.7	12.4	217.3	13.9	216.0
11:00	209.0	6.6	204.2	9.6	214.3	11.3	217.6	13.4	216.8
11:15	201.0	6.1	199.5	12.1	209.5	11.2	221.3	12.1	221.0
11:30	192.8	7.4	199.9	12.1	215.0	13.4	229.4	12.6	226.5
11:45	205.5	6.0	191.0	10.9	219.1	15.8	235.9	13.0	225.0
12:00	194.3	5.9	186.2	9.6	216.6	14.4	226.4	13.0	223.0
12:15	192.5	6.8	188.0	13.0	216.1	14.0	220.0	13.5	221.0
12:30	193.2	8.5	193.5	12.0	212.0	13.4	215.5	14.0	220.0

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12/2/2018

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	11.8	218.3	13.5	225.7	14.8	230.9
00:15	13.2	225.5	13.4	224.7	14.3	228.9
00:30	13.3	225.0	13.5	225.0	14.5	228.0
00:45	13.5	225.0	13.8	225.0	14.6	228.0
01:00	13.5	224.0	13.8	226.0	14.8	228.0
01:15	13.8	224.0	14.0	227.0	15.0	228.0
01:30	13.8	223.4	14.0	227.0	15.2	228.0
01:45	15.1	227.1	14.3	227.9	15.4	227.9
02:00	15.7	228.4	15.0	229.9	14.0	225.0
02:15	14.4	228.1	12.8	223.0	12.6	222.7
02:30	15.0	231.0	13.2	224.0		
02:45	14.9	230.9	14.0	225.0		
03:00	14.8	230.8	14.0	225.0		
03:15	14.7	230.7	14.0	225.0		
03:30	14.6	230.6	14.0	225.0		
03:45	14.5	230.5	14.0	225.0		
04:00	14.4	230.4	14.0	225.0		
04:15	14.3	230.3	14.0	225.0		
04:30	14.2	230.2	14.0	225.0		
04:45	14.2	230.1	14.0	225.0		
05:00	14.1	230.0	14.0	225.0		
05:15	14.1	229.9	14.0	225.0		
05:30	14.0	229.8	14.0	225.0		
05:45	13.9	229.7	14.0	225.0		
06:00	13.9	229.6	14.0	225.0		
06:15	13.8	229.5	14.3	225.0		
06:30	13.8	229.4	14.3	225.0		
06:45	13.8	229.3	14.3	225.0		
07:00	13.7	229.2	14.3	225.0		
07:15	13.7	229.1	14.3	225.0		
07:30	13.6	229.0	14.3	225.0		
07:45	13.6	228.9	14.3	225.0		
08:00	13.5	228.8	14.3	225.0		
08:15	13.4	228.7	14.3	225.0		
08:30	13.4	228.6	14.3	225.0		
08:45	13.3	228.5	14.3	225.0		
09:00	13.3	228.4	14.5	225.0		
09:15	13.3	228.3	14.5	225.0		
09:30	13.2	228.2	14.5	225.0		
09:45	13.2	228.1	14.5	225.0		
10:00	13.1	228.0	14.5	225.0		
10:15	13.1	227.9	14.7	225.0		
10:30	13.0	227.8	14.7	225.0		
10:45	12.9	227.7	14.7	225.0		
11:00	12.9	227.6	14.7	225.0		
11:15	12.9	224.2	14.7	225.0		
11:30	15.3	226.0	14.8	226.7		
11:45	15.3	226.0	14.8	227.0		
12:00	15.0	226.0	14.8	228.0		
12:15	15.0	226.0	14.8	229.0		
12:30	14.8	226.0	14.8	229.0		

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	14.5	226.0	14.7	230.0		
13:00	14.5	226.0	14.7	230.0		
13:15	14.3	226.9	14.6	230.7	15.7	229.1
13:30	14.0	226.0	14.7	230.5	15.6	226.0
13:45	14.0	226.0	14.7	230.3	15.5	226.0
14:00	14.0	226.0	14.7	230.1	15.4	226.0
14:15	14.0	226.0	14.7	229.9	15.3	226.0
14:30	14.0	226.0	14.7	229.7	15.2	226.0
14:45	14.0	226.0	14.7	229.5	15.2	226.0
15:00	14.0	226.0	14.7	229.3	15.2	226.0
15:15	14.0	226.0	14.7	229.1	15.2	226.0
15:30	14.0	226.0	14.7	228.9	15.2	226.0
15:45	14.0	226.0	14.7	228.7	15.2	226.0
16:00	14.0	226.0	14.7	228.5	15.2	226.0
16:15	14.0	226.0	14.7	228.3	15.1	226.0
16:30	14.0	226.0	14.7	228.1	15.0	226.0
16:45	14.0	226.0	14.7	227.9	14.9	226.0
17:00	14.0	226.0	14.7	227.7	14.8	226.0
17:15	14.0	226.0	14.7	227.5	14.7	226.0
17:30	14.0	226.0	14.7	227.3	14.7	226.0
17:45	14.0	226.0	14.7	227.1	14.7	226.0
18:00	14.0	226.0	14.7	226.9	14.6	226.0
18:15	14.0	226.0	14.7	226.7	14.6	226.0
18:30	14.0	226.0	14.7	226.5	14.6	226.0
18:45	14.0	226.0	14.7	226.3	14.5	226.0
19:00	14.0	226.0	14.7	226.1	14.4	226.0
19:15	14.0	226.0	14.7	225.9	14.3	226.0
19:30	14.0	226.0	14.7	225.7	14.2	226.0
19:45	14.0	226.0	14.7	225.5	14.1	226.0
20:00	13.8	226.5	14.7	225.3	14.0	226.0
20:15	15.0	227.0	14.7	225.1	13.9	226.0
20:30	16.1	228.3	14.9	222.7	13.6	223.4
20:45	14.5	223.4	13.8	220.0	13.9	214.1
21:00	13.0	219.0				
21:15	13.0	220.0				
21:30	13.0	220.0				
21:45	13.0	220.0				
22:00	13.0	220.0				
22:15	12.9	220.5				
22:30	12.9	227.9				
22:45	13.3	227.0				
23:00	13.7	227.0				
23:15						
23:30						
23:45						
Avg	13.9	226.8	14.4	226.3	14.7	226.1
Max	16.1	231.0	15.0	230.7	15.7	230.9
Hr. of Max	82	10	08	53	53	00
Min	11.8	218.3	12.8	220.0	12.6	214.1
Count	93	93	84	84	41	41
Total						