

Daily Summary Report

Site: ORNL Sodar

3/30/2019

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	2.0	180.0	5.0	192.2	6.9	192.4	8.3	193.2	9.3
00:15	2.7	182.0	4.8	185.9	6.8	187.7	8.1	189.1	9.5
00:30	2.0	187.0	4.4	185.2	6.3	185.8	7.8	188.8	9.8
00:45	1.1	192.8	4.1	186.7	5.9	186.8	7.6	189.5	9.4
01:00	.9	198.2	4.1	188.9	6.2	188.2	8.0	191.1	9.7
01:15	1.1	188.2	4.3	190.7	6.5	190.1	8.4	192.7	10.0
01:30	2.7	187.7	3.9	184.7	6.0	189.7	8.2	190.7	8.9
01:45	3.0	182.9	3.8	183.7	5.7	188.6	7.8	189.3	9.3
02:00	2.0	187.2	4.2	184.9	6.0	186.0	8.0	187.8	10.3
02:15	1.5	201.0	4.4	183.3	6.5	184.5	8.6	186.0	10.3
02:30	2.3	192.8	4.4	186.8	6.6	186.2	8.6	186.5	11.5
02:45	2.1	194.0	4.6	189.4	7.1	185.9	9.1	185.5	11.4
03:00	2.0	195.0	4.7	189.7	7.4	185.7	9.5	185.8	12.1
03:15	1.8	196.0	4.6	191.4	7.0	188.4	9.0	188.1	11.9
03:30	1.7	198.4	3.9	195.8	6.2	194.7	8.3	192.4	10.5
03:45	1.5	208.0	2.9	216.4	5.1	207.8	6.7	201.1	7.3
04:00	1.6	239.2	2.8	239.1	4.1	223.8	5.0	215.1	6.1
04:15	1.3	252.2	2.8	253.9	3.2	238.3	3.6	230.8	5.2
04:30	.2	316.2	2.9	266.7	3.3	257.7	3.5	244.6	4.7
04:45	1.0	64.3	2.9	268.9	3.7	260.9	4.3	248.0	4.7
05:00	.7	288.1	2.1	266.8	3.3	253.2	4.1	242.9	4.9
05:15	.4	283.0	1.4	259.2	2.4	246.5	3.2	235.3	4.4
05:30	.1	265.3	1.3	249.6	2.4	242.8	3.0	228.9	3.9
05:45	.1	270.5	1.5	238.3	2.3	231.8	3.3	217.2	5.3
06:00	.3	232.4	1.8	230.0	2.6	222.8	4.2	219.6	7.3
06:15	.8	222.2	2.2	224.6	3.5	220.7	5.3	219.6	8.4
06:30	.9	224.8	2.4	216.1	3.8	218.4	5.5	216.9	8.7
06:45	1.0	206.6	2.5	218.2	3.8	217.2	5.6	216.0	8.9
07:00	.7	194.1	2.6	209.9	3.8	209.9	5.8	209.4	9.1
07:15	1.0	182.6	2.8	201.1	3.9	203.6	5.8	203.6	8.7
07:30	1.7	191.2	3.1	201.0	4.2	200.2	5.7	202.1	8.1
07:45	1.1	204.5	3.2	206.3	4.4	204.9	6.2	205.3	8.5
08:00	1.5	270.0	3.1	214.0	4.7	210.1	6.7	206.1	9.0
08:15	1.0	230.9	3.4	213.4	4.9	210.2	6.6	206.6	8.8
08:30	1.3	221.2	3.4	210.5	4.9	211.3	6.5	208.4	8.8
08:45	.8	284.1	3.0	208.4	4.7	211.2	6.4	206.9	8.7
09:00	1.5	222.0	2.8	218.1	4.4	210.2	5.9	206.6	7.6
09:15	1.5	221.7	2.8	229.2	4.1	211.9	5.5	208.2	6.8
09:30	1.6	226.2	2.6	223.8	4.0	209.2	5.4	207.0	6.8
09:45	2.0	200.2	2.8	211.8	4.1	205.0	5.5	204.0	6.7
10:00	2.1	185.3	3.1	212.4	4.3	206.8	5.7	203.6	6.8
10:15	1.4	191.1	2.8	209.4	4.0	204.2	5.3	203.8	6.5
10:30	.9	206.0	2.0	205.6	3.2	195.9	4.6	195.9	5.7
10:45	1.0	224.5	1.8	214.4	3.0	198.6	4.2	195.1	5.1
11:00	1.5	236.6	2.5	223.7	3.5	214.8	3.5	213.0	4.1
11:15	2.6	244.9	3.8	231.0	4.3	225.9	4.3	224.3	4.8
11:30	3.5	247.0	4.4	231.1	4.9	229.8	4.9	227.7	5.6
11:45	2.2	218.3	4.5	225.1	5.6	219.5	7.3	210.8	7.7
12:00	1.1	209.7	5.5	214.6	6.4	215.3	9.0	211.9	9.5
12:15	1.6	229.3	6.6	204.1	7.4	205.2	8.6	208.7	11.1
12:30	3.1	225.5	7.2	204.2	8.0	206.5	9.0	209.9	9.2

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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	196.5	9.2	189.8						
00:15	194.2	10.1	187.7						
00:30	194.4	8.4	194.9	8.0	195.6				
00:45	195.1	6.0	205.9	8.5	193.0				
01:00	192.9	9.3	193.2	9.0	192.0				
01:15	187.8	8.4	187.6	9.5	189.0				
01:30	186.8	6.6	183.2	10.0	186.0				
01:45	188.7	7.0	182.9	10.0	183.0				
02:00	187.1	8.6	182.4	10.2	181.9				
02:15	183.6	9.9	180.1	10.3	181.3	10.4	177.3		
02:30	182.3	10.5	180.4	10.0	181.0	10.5	183.0		
02:45	182.0	11.0	180.0	10.0	181.0	11.0	189.0		
03:00	184.1	11.3	180.4	9.0	181.0	11.0	195.0		
03:15	186.1	11.2	181.0	10.1	182.9	11.5	200.0		
03:30	189.1	10.6	187.2	10.0	188.2	11.5	203.0		
03:45	199.0	8.7	197.5	10.3	197.4	12.0	207.0		
04:00	209.8	7.9	205.8	11.2	198.0	12.3	210.1	12.7	216.4
04:15	221.2	6.8	214.0	10.2	204.1	13.2	213.5	13.9	214.0
04:30	231.6	6.6	220.4	10.1	212.2	13.6	217.0	16.7	217.8
04:45	233.2	6.7	220.7	10.7	213.8	13.3	217.1	16.4	217.6
05:00	229.1	7.1	220.7	10.7	215.1	13.7	217.2	14.5	221.4
05:15	225.4	7.3	220.0	10.8	215.0	13.9	219.2	14.2	222.0
05:30	219.1	7.5	208.5	11.0	207.3	12.0	210.0	14.0	218.0
05:45	217.8	8.4	197.4	9.8	184.2	11.0	200.0	13.5	214.0
06:00	219.2	9.7	211.3	7.8	189.6	10.0	190.0	13.0	210.0
06:15	216.4	10.8	212.8	9.0	197.7	8.1	185.1	12.5	206.0
06:30	213.3	11.7	213.4	11.4	188.5	9.7	181.8	12.0	204.0
06:45	213.1	11.8	215.0	11.4	183.9	9.2	183.4	11.5	200.0
07:00	212.6	12.0	213.3	10.7	184.2	9.3	183.1	11.0	198.0
07:15	207.4	11.9	209.3	11.4	189.0	10.9	181.2	11.0	195.0
07:30	204.8	11.9	204.8	12.0	191.5	10.8	184.0	10.5	192.0
07:45	205.9	12.0	203.3	10.1	192.4	9.7	182.1	10.0	188.0
08:00	204.9	11.8	204.6	9.9	193.5	11.5	181.3	9.8	185.4
08:15	205.0	11.6	207.3	11.0	189.9	10.5	183.0	9.5	183.0
08:30	208.0	11.8	210.0	10.4	184.4	9.6	179.6	9.2	180.0
08:45	209.3	11.3	210.4	9.9	182.9	9.6	180.0	8.8	177.0
09:00	208.5	10.1	211.6	11.5	208.0	9.8	188.2	9.0	185.0
09:15	208.8	9.2	211.7	12.0	221.6	11.0	195.0	9.5	192.0
09:30	208.9	8.8	210.0	12.2	217.1	12.0	210.0	10.0	200.0
09:45	204.8	8.3	207.3	11.0	215.5	13.1	223.9	10.5	208.0
10:00	201.2	7.8	207.7	10.2	214.5	13.5	223.0	10.5	211.0
10:15	201.7	7.5	207.3	10.0	214.3	13.3	221.9	11.0	214.0
10:30	197.1	7.3	203.8	9.6	212.4	12.9	220.1	11.0	217.0
10:45	194.8	6.6	202.1	9.0	211.9	11.8	217.8	11.3	220.0
11:00	206.6	5.1	207.9	7.8	216.3	10.4	217.5	11.5	223.5
11:15	218.1	5.7	218.3	7.8	218.2	9.6	218.6	10.6	222.1
11:30	218.5	7.5	213.0	9.0	217.0	11.0	217.0	11.0	222.0
11:45	210.0	9.8	208.8	11.2	215.6	13.6	215.5	11.0	222.0
12:00	207.0	10.0	208.0	12.0	216.0	13.0	216.0	11.5	222.0
12:15	204.6	11.0	206.0	12.0	217.0	13.0	217.0	12.0	222.0
12:30	213.1	11.5	205.3	12.1	218.7	12.6	218.0	12.2	222.4

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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						
04:15						
04:30						
04:45	14.0	229.5				
05:00	13.0	220.0				
05:15	13.0	221.0	13.7	217.6	12.6	220.6
05:30	12.9	221.3	14.0	217.9	12.8	226.0
05:45	12.9	221.5	14.0	218.1	12.8	226.0
06:00	12.9	222.0	14.0	218.4	12.8	226.0
06:15	12.9	222.5	14.0	218.6	12.8	226.0
06:30	12.6	223.0	14.0	218.9	12.8	226.0
06:45	12.6	223.5	14.0	219.1	12.8	226.0
07:00	12.6	224.0	14.0	219.4	12.8	226.0
07:15	12.6	224.5	14.0	219.6	12.8	226.0
07:30	12.6	225.0	14.0	219.9	12.8	226.0
07:45	12.4	225.5	14.0	220.1	12.8	226.0
08:00	12.4	226.0	14.0	220.4	12.8	226.0
08:15	12.4	226.5	14.0	220.6	12.8	226.0
08:30	12.4	227.0	14.0	220.9	12.8	226.0
08:45	12.4	227.5	14.0	221.1	12.8	226.0
09:00	12.4	228.0	14.0	221.4	12.8	226.0
09:15	12.2	228.5	14.0	221.6	12.8	226.0
09:30	12.2	229.0	14.0	221.9	12.8	226.0
09:45	12.2	229.3	14.0	222.1	12.8	226.0
10:00	12.2	229.5	14.0	222.4	12.8	226.0
10:15	12.2	229.8	14.0	222.6	12.8	226.0
10:30	12.2	230.0	14.0	222.9	12.8	226.0
10:45	12.2	230.3	14.0	223.1	12.8	226.0
11:00	12.2	234.3	14.4	236.1	12.8	226.0
11:15	11.9	228.0	14.2	230.1	12.8	226.0
11:30	12.0	228.0	14.0	230.0	12.8	226.0
11:45	12.0	228.0	13.7	230.0	12.8	226.0
12:00	12.0	228.0	13.4	230.0	12.8	226.0
12:15	12.5	228.0	13.2	231.0	12.8	226.0
12:30	12.5	228.0	13.0	231.0	12.8	226.0

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	13.1	229.9	12.9	231.4	12.9	231.4
13:00	13.7	225.0	13.5	226.0		
13:15	13.7	225.0	13.5	226.0		
13:30	13.7	225.0	13.5	226.0		
13:45	13.7	225.0	13.5	226.0		
14:00	13.7	225.0	13.5	226.0		
14:15	13.7	225.0	13.5	226.0		
14:30	13.7	225.0	13.5	226.0		
14:45	13.7	225.0	13.5	226.0		
15:00	13.7	225.0	13.5	226.0		
15:15	13.7	225.0	13.5	226.0		
15:30	13.7	225.0	13.5	226.0		
15:45	13.7	225.0	13.5	226.0		
16:00	13.7	225.0	13.5	226.0		
16:15	13.7	225.0	13.5	226.0		
16:30	13.7	225.0	13.5	226.0		
16:45	13.7	225.0	13.5	226.0		
17:00	13.7	225.0	13.5	226.0		
17:15	13.7	225.0	13.5	226.0		
17:30	13.7	225.0	13.5	226.0		
17:45	13.7	225.0	13.5	226.0		
18:00	13.7	225.0	13.5	226.0		
18:15	13.7	225.0	13.5	226.0		
18:30	13.7	225.0	13.5	226.0		
18:45	13.7	225.0	13.5	226.0		
19:00	13.7	225.0	13.5	226.0		
19:15	14.4	221.3	14.4	221.6		
19:30	14.1	222.3	15.0	223.0		
19:45	14.4	221.0	15.6	224.8		
20:00	14.7	220.8	14.5	229.8		
20:15	14.0	221.0				
20:30	14.0	222.0				
20:45	13.5	224.0				
21:00	13.0	225.0				
21:15	12.5	226.4				
21:30	13.1	228.5				
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	13.1	225.5	13.8	224.5	12.8	226.0
Max	14.7	234.3	15.6	236.1	12.9	231.4
Hr. of Max	80	44	79	44	51	51
Min	11.9	220.0	12.9	217.6	12.6	220.6
Count	68	68	60	60	31	31
Total						