

## Daily Summary Report

Site: ORNL Sodar

4/7/2019

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	.1	93.8	1.3	151.7	2.0	177.3	1.8	179.5	1.1
00:15	.1	37.6	1.4	169.1	1.9	178.2	1.3	179.5	1.6
00:30	.8	156.2	1.8	179.4	2.8	183.8	3.3	186.1	5.1
00:45	2.1	169.8	2.3	176.9	3.6	181.6	4.9	183.9	6.4
01:00	.7	165.5	2.7	175.7	4.5	181.4	6.3	183.0	7.1
01:15	1.2	183.7	3.0	178.5	5.1	182.4	6.7	182.9	7.8
01:30	1.6	198.6	2.9	179.9	4.6	183.4	5.4	183.8	3.7
01:45	1.6	197.0	2.8	179.8	4.3	186.5	5.7	185.7	4.9
02:00	2.0	189.2	2.6	180.4	4.0	188.8	5.9	186.7	7.8
02:15	1.3	195.2	2.0	187.9	3.0	192.7	4.6	188.8	5.8
02:30	.8	241.5	1.7	192.5	2.2	207.8	3.1	197.3	4.6
02:45	2.2	194.4	1.9	208.3	2.4	213.7	3.8	200.8	5.7
03:00	1.5	183.4	1.9	211.6	2.8	201.2	4.5	195.4	7.0
03:15	1.0	182.2	1.6	195.6	2.7	196.3	4.1	194.7	7.1
03:30	1.4	195.2	1.5	201.2	2.4	203.7	3.9	206.6	6.7
03:45	.9	215.0	1.6	215.2	2.6	211.9	4.3	214.8	7.0
04:00	.7	232.9	2.1	226.1	3.2	222.2	4.6	217.8	7.2
04:15	.3	188.8	2.3	218.1	3.4	223.3	4.9	218.0	7.4
04:30	.2	311.6	1.9	216.2	3.3	221.0	5.0	215.4	7.0
04:45	.6	129.4	2.2	232.6	3.9	225.0	5.4	217.2	7.1
05:00	1.5	226.4	3.1	233.2	5.0	227.4	6.6	219.4	8.6
05:15	2.5	228.7	4.1	229.4	5.9	222.8	7.6	215.7	9.6
05:30	2.4	232.2	4.8	222.7	6.2	216.2	7.8	209.3	9.2
05:45	2.7	249.2	4.9	215.6	6.5	214.5	7.9	208.7	8.8
06:00	3.0	229.8	5.1	211.4	6.7	209.5	8.0	207.6	9.6
06:15	2.5	210.0	5.2	206.7	6.7	201.6	8.5	200.2	10.6
06:30	2.0	191.0	4.9	189.7	6.7	193.6	8.7	194.2	10.7
06:45	2.1	182.1	4.6	177.2	6.4	184.9	8.1	187.2	10.1
07:00	2.0	176.0	3.8	183.6	6.0	186.7	7.5	185.2	9.3
07:15	1.1	266.3	2.9	195.5	4.7	194.3	6.0	192.3	7.7
07:30	.8	247.5	1.6	212.1	2.9	203.9	4.3	199.9	6.0
07:45	.4	243.3	1.6	209.3	2.9	207.8	4.3	203.5	5.8
08:00	1.1	221.9	2.7	204.0	4.2	204.3	6.0	204.3	7.4
08:15	1.3	241.7	1.9	215.0	3.0	207.4	5.0	204.5	6.5
08:30	1.0	277.2	.6	252.6	1.1	217.3	2.7	206.2	4.7
08:45	1.0	284.7	.1	159.6	1.1	191.5	2.3	188.0	4.3
09:00	.8	284.4	.8	157.1	2.0	179.6	3.4	180.9	5.2
09:15	.4	304.2	1.5	163.9	2.9	174.9	4.1	178.8	5.4
09:30	.5	320.1	.9	164.0	1.9	176.0	2.6	180.8	3.3
09:45	.9	307.2	.2	8.6	.5	173.4	1.3	179.1	1.6
10:00	.7	306.5	.5	65.5	.4	121.9	1.0	158.0	1.3
10:15	.6	291.9	.5	111.3	.8	153.6	1.2	166.1	1.7
10:30	.7	289.2	.3	146.9	.8	170.8	1.1	182.5	1.4
10:45	.7	290.5	.1	350.9	.5	195.8	.8	211.0	1.0
11:00	.4	274.3	.3	285.3	.5	220.7	.7	227.4	1.2
11:15	.1	89.4	.4	286.8	.5	247.6	.8	266.2	1.3
11:30	.1	107.1	.5	285.1	.8	261.6	1.1	257.6	1.1
11:45	.2	247.0	.9	269.2	1.0	254.9	1.2	242.3	1.1
12:00	.3	206.4	1.1	251.9	.9	243.0	.9	233.0	1.0
12:15	.3	226.1	1.4	265.0	1.2	262.9	1.1	255.8	1.1
12:30	.2	268.3	1.1	272.6	1.0	253.8	1.0	268.9	1.0



## Daily Summary Report

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4/7/2019

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	187.6								
00:15	185.2								
00:30	185.4	8.2	188.0	8.5	185.7				
00:45	184.1	8.5	186.5	8.8	179.2				
01:00	179.8	9.6	180.5	10.7	179.8	9.6	176.2		
01:15	179.3	9.6	179.1	11.2	180.2	9.0	178.5		
01:30	181.5	3.5	180.0	5.5	178.0	7.6	178.3		
01:45	182.4	2.3	185.6	10.1	181.3	7.4	178.0		
02:00	182.2	8.0	182.2	9.8	183.1	7.2	179.9		
02:15	184.8	5.3	185.8	8.5	181.0	8.0	180.0		
02:30	194.3	6.5	194.3	10.1	180.4	9.3	180.3	9.1	187.5
02:45	195.6	7.7	193.0	9.8	181.9	9.5	184.5	9.0	186.6
03:00	192.0	9.3	187.6	9.7	185.4	10.1	188.3	9.3	187.0
03:15	193.7	9.6	187.4	10.0	185.0	9.7	184.9	9.6	187.6
03:30	201.6	8.6	194.3	10.5	187.0	8.5	181.2	10.3	185.4
03:45	209.7	8.6	200.6	10.2	192.3	9.2	182.2	13.0	195.0
04:00	215.7	9.1	204.1	10.4	195.7	11.7	191.3	15.0	205.0
04:15	213.1	9.3	205.1	11.3	196.0	12.5	205.0	16.0	220.0
04:30	206.9	9.0	201.5	11.6	194.1	13.3	215.5	16.2	233.2
04:45	207.8	9.0	204.3	11.9	196.8	11.0	197.7	16.0	232.0
05:00	211.9	10.5	206.5	12.6	196.9	11.7	200.5	15.0	229.0
05:15	208.5	11.3	202.5	12.4	197.2	13.8	217.3	15.0	226.8
05:30	201.5	10.3	200.4	11.7	198.4	13.4	221.8	15.0	228.1
05:45	203.6	9.9	205.7	12.2	206.0	12.5	217.2	15.0	226.6
06:00	208.2	11.3	208.4	13.6	209.3	12.9	220.9	14.0	226.2
06:15	201.3	12.3	202.8	14.8	205.9	13.9	221.4	13.4	224.6
06:30	194.3	12.2	197.6	15.0	205.7	14.3	220.4	14.1	220.3
06:45	188.7	11.6	191.9	14.0	203.2	13.3	217.7	13.1	222.1
07:00	186.8	10.7	188.8	12.7	196.6	11.8	213.1	12.9	225.2
07:15	190.9	9.2	190.7	11.2	195.5	11.4	208.7	13.3	217.9
07:30	194.5	8.2	192.7	10.1	196.7	11.8	208.1	13.0	218.8
07:45	198.1	8.1	195.0	10.2	196.5	12.9	212.1	12.6	220.4
08:00	199.6	8.3	201.7	11.6	202.7	14.1	219.1	12.9	221.7
08:15	201.2	8.0	205.0	10.9	212.7	12.7	225.8	13.9	229.1
08:30	200.7	6.9	204.8	8.7	220.0	11.9	228.9	14.6	230.8
08:45	189.6	6.2	197.8	7.6	215.7	11.0	221.9	12.9	221.7
09:00	186.1	7.0	192.2	8.5	208.5	10.2	219.8	11.8	226.3
09:15	184.9	7.0	190.6	8.6	206.9	10.2	221.9	10.8	229.4
09:30	187.0	4.6	192.6	6.5	216.4	10.4	226.7	10.3	227.0
09:45	182.8	2.3	200.2	5.1	218.4	10.5	226.0	9.9	225.0
10:00	168.1	.9	207.1	4.7	206.6	10.7	226.0	9.6	223.0
10:15	178.2	1.6	196.3	5.8	211.5	10.8	226.0	9.3	221.0
10:30	194.1	2.3	206.1	6.2	218.0	10.9	225.8	9.0	219.0
10:45	219.7	2.2	218.5	5.9	215.8	9.0	230.0	8.8	217.0
11:00	230.4	2.4	217.7	5.5	211.4	7.0	235.0	8.5	215.0
11:15	244.9	2.3	234.1	4.2	216.3	5.5	240.1	8.3	213.0
11:30	245.3	1.9	248.8	2.9	231.2	5.9	247.1	8.0	212.0
11:45	238.1	1.7	258.9	2.8	241.2	4.7	231.0	7.8	211.0
12:00	250.9	1.6	267.2	2.9	233.3	5.3	220.7	7.5	210.0
12:15	256.0	1.5	256.0	2.9	230.3	5.3	216.4	7.3	208.0
12:30	260.4	1.8	243.0	2.2	235.7	3.9	215.7	7.1	207.0



## Daily Summary Report

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4/7/2019

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	17.6	229.0	14.5	227.7		
04:45	17.0	229.0	14.5	227.0		
05:00	16.0	229.0	14.5	227.0		
05:15	15.0	229.0	14.5	227.0		
05:30	14.1	228.2	14.5	226.5	14.2	223.2
05:45	14.4	224.5	13.7	224.7	15.0	226.7
06:00	14.1	224.6	14.3	228.2	14.1	226.5
06:15	13.7	223.6	15.5	229.6	13.5	222.1
06:30	14.3	224.0	14.4	225.0	13.7	223.0
06:45	14.7	226.1	13.3	222.6	14.0	224.5
07:00	14.1	218.3	14.1	225.2	13.9	227.9
07:15	14.6	215.7	14.9	227.6	13.8	227.6
07:30	14.0	222.0	14.5	228.0	14.5	226.0
07:45	13.7	228.1	14.0	229.1	15.0	225.4
08:00	14.3	231.9	14.2	224.5	15.8	229.3
08:15	14.8	233.3	14.5	222.5	15.9	230.3
08:30	13.8	226.8	13.9	225.2	15.9	230.6
08:45	14.0	220.3	13.5	224.5	14.4	227.3
09:00	14.4	218.9	13.2	225.0	13.7	222.6
09:15	13.1	221.2	13.5	224.0		
09:30	13.0	220.0	13.5	224.0		
09:45	12.8	219.0	13.5	223.0		
10:00	12.8	218.0	13.5	223.0		
10:15	12.5	217.0	13.5	222.0		
10:30	12.5	216.0	13.5	222.0		
10:45	12.3	215.0	13.5	221.0		
11:00	12.3	214.0	13.5	221.0		
11:15	12.0	213.0	13.5	220.0		
11:30	12.0	212.0	13.5	220.0		
11:45	11.8	211.0	13.5	219.0		
12:00	11.8	210.0	13.5	219.0		
12:15	11.5	209.0	13.5	218.0		
12:30	11.5	208.0	13.5	218.0		

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	11.3	207.0	13.5	217.0		
13:00	11.3	206.0	13.5	216.0		
13:15	11.0	205.0	13.5	215.0		
13:30	11.0	204.0	13.5	215.0		
13:45	10.9	203.4	13.5	214.0		
14:00	11.5	205.0	13.5	213.0		
14:15	11.3	210.0	13.5	213.0		
14:30	11.0	215.1	13.5	212.0		
14:45	11.9	212.5	13.9	211.8		
15:00	11.9	212.9	14.0	212.1		
15:15	12.0	213.3	14.0	212.4		
15:30	12.1	213.7	14.0	212.7		
15:45	12.1	214.1	14.0	213.0		
16:00	12.2	214.5	14.0	213.3		
16:15	12.2	214.9	14.0	213.6		
16:30	12.3	215.3	14.0	213.9		
16:45	12.3	215.7	14.0	214.2		
17:00	12.3	216.1	14.0	214.5		
17:15	12.4	216.5	14.0	214.8		
17:30	12.4	216.9	14.0	215.1		
17:45	12.5	217.3	14.0	215.4		
18:00	12.6	217.7	14.0	215.7		
18:15	12.6	218.1	14.0	216.0		
18:30	12.7	218.5	14.0	216.3		
18:45	12.7	218.9	14.0	216.6		
19:00	12.8	219.3	14.0	216.9		
19:15	12.8	219.7	14.0	217.2		
19:30	12.8	220.1	14.0	217.5		
19:45	12.9	220.5	14.0	217.8		
20:00	12.9	220.9	14.0	218.1		
20:15	13.0	221.3	14.0	218.4		
20:30	13.1	221.7	14.0	218.7		
20:45	13.1	222.1	14.0	219.0		
21:00	13.2	222.5	14.0	219.3		
21:15	13.2	222.9	14.0	219.6		
21:30	13.3	223.3	14.0	219.9		
21:45	13.3	223.7	14.0	220.2		
22:00	13.3	224.1	14.0	220.5		
22:15	14.6	225.0	14.0	220.8		
22:30	15.0	225.0	14.0	221.1		
22:45	15.0	224.0	14.0	221.4		
23:00	15.0	224.0	14.0	221.7		
23:15	15.0	223.0	14.0	222.0		
23:30	15.0	223.0	14.0	222.3		
23:45	15.0	222.0	14.0	222.6		
Avg	13.1	218.7	13.9	219.8	14.5	226.2
Max	17.6	233.3	15.5	229.6	15.9	230.6
Hr. of Max	18	33	25	25	34	34
Min	10.9	203.4	13.2	211.8	13.5	222.1
Count	78	78	78	78	15	15
Total						