

## Daily Summary Report

Site: ORNL Sodar

11/21/2017

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	.4	87.8	.1	250.7	.2	273.6	.9	223.3	3.1
00:15	.1	90.5	.2	255.6	.5	279.4	1.4	250.4	3.4
00:30	.1	159.7	.8	267.5	1.3	249.1	2.8	242.8	5.0
00:45	.5	248.2	2.1	259.7	2.7	241.6	4.5	241.4	7.0
01:00	1.9	257.9	3.0	257.4	4.2	245.6	6.1	242.1	8.9
01:15	2.6	261.7	3.5	263.0	5.3	247.9	7.4	241.8	10.1
01:30	2.7	266.6	4.4	247.5	6.8	248.8	8.8	241.8	10.6
01:45	3.8	246.1	4.9	248.5	7.3	244.8	9.3	236.1	10.9
02:00	3.8	246.5	4.5	243.3	6.7	240.8	8.6	232.0	11.0
02:15	3.0	231.7	4.4	241.6	6.2	239.8	7.9	231.6	10.9
02:30	3.4	247.0	4.0	264.0	5.7	238.8	7.3	231.6	10.2
02:45	4.0	253.8	4.5	241.0	5.5	235.9	7.1	229.3	10.1
03:00	3.2	241.2	4.1	225.2	5.8	227.3	7.5	220.9	10.7
03:15	3.0	240.0	4.0	227.0	5.6	224.4	7.0	218.9	10.0
03:30	2.2	271.6	3.0	258.0	4.3	245.1	6.1	228.6	8.5
03:45	1.8	239.5	3.0	247.0	4.2	245.5	5.6	232.5	8.0
04:00	1.3	238.9	2.2	283.1	3.8	244.9	4.8	237.3	7.3
04:15	1.0	258.8	1.6	281.2	2.9	261.9	4.1	247.4	5.8
04:30	1.1	267.5	1.2	293.0	2.3	278.4	3.4	256.1	4.7
04:45	1.0	273.2	1.5	302.4	2.6	290.8	3.2	269.5	4.1
05:00	.8	274.4	1.6	296.6	2.9	283.6	3.2	272.9	3.7
05:15	1.3	270.4	1.8	284.4	3.3	278.9	4.0	271.0	4.4
05:30	1.6	280.1	1.9	286.1	3.5	280.6	4.6	271.7	4.6
05:45	2.8	279.5	2.2	288.3	3.8	280.0	4.9	266.7	5.2
06:00	3.5	273.2	2.2	282.6	4.0	277.0	5.3	262.1	6.1
06:15	1.4	273.3	1.8	282.6	3.4	274.1	4.9	262.5	5.7
06:30	.9	271.2	1.3	284.2	2.6	272.1	4.5	261.2	5.0
06:45	1.2	256.2	.9	283.2	2.2	275.7	4.1	263.7	5.4
07:00	.8	230.6	.5	277.9	1.8	285.3	3.3	267.3	5.3
07:15	.3	206.3	.2	288.9	1.3	285.6	2.5	266.2	4.7
07:30	.1	144.5	.3	261.1	1.4	281.8	2.3	266.5	4.4
07:45	.5	269.6	.9	270.0	1.7	282.0	2.6	272.0	4.7
08:00	2.3	266.5	1.3	266.3	2.1	271.4	3.3	268.8	5.1
08:15	2.1	257.4	2.0	263.5	2.0	265.8	3.3	264.0	5.0
08:30	.4	237.3	1.5	261.1	1.7	267.4	3.0	262.8	4.6
08:45	.8	22.6	.5	232.7	1.6	268.3	2.9	264.6	4.1
09:00	1.0	20.6	.4	235.4	1.2	269.7	2.5	269.4	3.8
09:15	.7	12.8	.3	243.8	1.1	265.8	2.2	262.8	4.2
09:30	.3	33.5	.3	261.1	1.2	262.9	2.2	255.8	4.5
09:45	.2	92.3	.4	269.3	1.1	269.5	2.1	261.6	4.0
10:00	.2	200.4	.5	264.6	.7	275.2	1.6	268.7	3.1
10:15	.4	224.1	.6	262.1	.7	258.8	1.5	262.4	3.0
10:30	.5	243.2	.5	253.7	1.0	249.1	1.8	243.4	3.4
10:45	.6	269.7	.8	232.9	1.3	245.2	1.9	245.4	3.3
11:00	.4	247.6	1.3	240.2	1.8	251.8	2.3	258.4	3.2
11:15	.5	230.2	.9	254.4	1.3	256.6	1.8	260.2	2.3
11:30	.8	270.7	.6	319.2	.6	298.1	1.0	265.8	.9
11:45	1.3	281.0	.7	331.6	.8	320.3	.8	297.5	.6
12:00	1.6	269.2	1.5	280.8	1.4	283.9	1.1	282.4	1.1
12:15	1.4	267.5	1.6	279.5	1.5	266.6	1.4	254.8	1.4



## Daily Summary Report

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11/21/2017

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	227.4	5.4	230.1	10.2	221.8	12.1	215.4	13.6	209.2
00:15	237.4	5.7	231.6	10.3	222.8	11.9	216.4	13.9	209.2
00:30	237.2	7.3	230.5	10.6	218.0	12.7	206.8	15.4	201.7
00:45	236.8	9.0	226.8	11.8	211.4	14.0	202.2	17.3	198.9
01:00	233.7	10.7	219.7	13.0	205.5	15.8	198.8	20.3	201.7
01:15	230.6	11.3	213.6	13.9	203.6	17.1	197.5	20.1	201.9
01:30	226.9	11.8	210.3	15.4	201.3	18.8	197.0	19.9	202.1
01:45	218.0	13.0	206.7	16.9	197.1	20.0	194.3	19.7	202.3
02:00	214.3	13.6	203.4	17.6	195.0	19.8	194.0	19.5	202.5
02:15	215.0	13.2	202.4	17.8	193.9	19.8	193.0	19.3	202.7
02:30	215.6	12.5	202.4	16.8	192.8	19.5	193.0	19.1	202.9
02:45	212.7	13.0	200.1	16.7	193.3	19.5	192.0	18.9	203.1
03:00	206.2	14.1	196.2	17.0	190.2	19.3	191.0	18.7	203.3
03:15	204.0	12.9	196.2	16.0	188.3	19.0	191.0	18.5	203.5
03:30	209.4	10.9	201.1	15.6	191.1	18.8	190.0	18.3	203.7
03:45	213.7	10.4	199.9	15.3	192.1	18.5	190.0	18.1	203.9
04:00	214.9	10.0	198.4	15.9	189.6	18.3	190.0	17.9	204.1
04:15	222.0	8.4	204.2	13.9	190.6	18.0	190.0	17.8	204.3
04:30	230.5	7.4	208.9	12.5	192.5	17.8	189.5	17.6	204.5
04:45	239.8	6.5	214.0	11.3	195.3	16.2	188.9	17.5	204.7
05:00	245.5	5.8	220.5	10.5	197.3	14.4	198.9	17.3	204.9
05:15	249.2	5.8	221.1	10.4	198.0	13.4	192.5	17.2	205.1
05:30	249.1	6.2	221.4	11.1	198.3	11.0	204.9	17.0	205.3
05:45	241.9	6.9	219.6	11.4	200.6	12.5	211.1	16.9	205.5
06:00	241.0	7.5	217.4	11.5	202.7	14.2	205.2	16.7	205.7
06:15	241.6	6.9	216.7	11.3	202.6	16.4	208.9	16.6	205.9
06:30	243.1	6.5	215.5	11.0	203.3	14.3	203.0	16.4	206.1
06:45	251.2	6.8	225.4	10.9	205.2	14.0	203.0	16.3	206.3
07:00	256.3	7.0	233.3	11.5	207.1	13.8	203.0	16.1	206.5
07:15	253.2	7.1	232.1	11.5	206.9	13.5	203.0	16.0	206.7
07:30	252.5	6.4	239.1	10.1	205.1	13.3	203.0	15.8	206.9
07:45	256.8	5.9	243.0	8.8	208.4	13.2	202.2	15.7	207.1
08:00	254.0	6.5	240.7	9.5	209.0	12.8	197.5	15.5	207.3
08:15	252.3	6.8	240.0	9.7	209.0	13.4	198.4	15.4	207.5
08:30	254.9	6.7	243.2	9.3	212.2	13.4	200.6	15.2	207.7
08:45	257.3	6.4	246.4	8.6	214.9	13.3	201.2	15.1	207.9
09:00	259.0	6.0	247.0	8.6	213.4	13.6	198.4	14.9	208.1
09:15	252.2	6.2	239.2	9.6	208.0	14.4	195.6	14.7	208.3
09:30	245.1	6.5	230.4	10.1	203.8	15.2	196.6	14.5	208.5
09:45	248.6	5.9	233.1	9.6	204.2	14.5	197.8	14.3	208.7
10:00	253.8	5.3	239.1	9.0	205.9	13.3	197.6	14.1	208.9
10:15	242.4	5.4	234.0	9.0	204.2	13.1	197.6	13.9	209.1
10:30	233.4	5.4	228.9	8.8	202.2	13.1	195.9	14.0	208.2
10:45	236.0	4.8	232.3	7.8	202.4	12.0	195.7	13.9	205.8
11:00	248.3	4.3	236.3	7.1	204.2	11.3	198.9	13.4	216.0
11:15	246.8	3.6	231.0	6.0	204.3	11.0	199.4	12.9	210.7
11:30	242.3	1.7	232.4	3.6	206.7	9.1	197.6	12.8	203.5
11:45	294.8	.7	292.6	2.7	209.4	7.4	199.5	11.7	203.9
12:00	273.7	1.3	256.6	3.3	209.4	7.3	200.0	11.3	202.9
12:15	239.8	1.9	225.1	4.3	204.8	7.8	202.2	11.5	204.8



## Daily Summary Report

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11/21/2017

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	17.8	205.0				
00:15	17.5	202.0				
00:30	20.1	202.6				
00:45	19.9	202.8				
01:00	19.7	203.0				
01:15	19.5	203.2				
01:30	19.3	203.4				
01:45	19.1	203.6				
02:00	18.9	203.8				
02:15	18.7	204.0				
02:30	18.5	204.2				
02:45	18.3	204.4				
03:00	18.1	204.6				
03:15	17.9	204.8				
03:30	17.7	205.0				
03:45	17.5	205.2				
04:00	17.3	205.4				
04:15	17.1	205.6				
04:30	16.9	205.8				
04:45	16.7	206.0				
05:00	16.5	206.2				
05:15	16.3	206.4				
05:30	16.1	206.6				
05:45	15.9	206.8				
06:00	15.7	207.0				
06:15	15.5	207.2				
06:30	15.3	207.4				
06:45	15.1	207.6				
07:00	14.9	207.8				
07:15	14.7	208.0				
07:30	14.5	208.2				
07:45	14.3	208.4				
08:00	14.1	208.6				
08:15	13.9	208.8				
08:30	13.7	209.0				
08:45	13.5	209.2				
09:00	13.3	209.4				
09:15	13.1	209.6				
09:30	12.9	209.8				
09:45	12.7	210.0				
10:00	12.5	210.2				
10:15	12.3	210.4				
10:30	13.1	217.6				
10:45	14.0	216.4				
11:00	14.0	215.0	13.9	221.9		
11:15	13.8	217.0	13.9	221.0		
11:30	13.5	219.0	13.8	221.0		
11:45	13.0	220.0	13.7	220.0		
12:00	12.5	221.0	13.6	220.0		
12:15	12.0	223.0	13.6	220.0		

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	11.6	225.5	13.5	219.0		
12:45	11.0	223.3	13.4	219.0		
13:00	11.6	220.1	13.4	219.0		
13:15	12.8	216.8	13.3	218.2		
13:30	13.7	212.0	13.4	219.0		
13:45	13.2	212.0	13.4	220.0		
14:00	13.5	213.0	13.4	221.0		
14:15	13.8	214.0	13.4	221.0		
14:30	14.4	219.9	13.4	222.0		
14:45	14.1	221.0	13.4	223.0		
15:00	14.4	219.5	13.4	224.0		
15:15	14.0	221.5	13.4	224.0		
15:30	14.0	222.0	13.4	225.0		
15:45	14.3	222.0	13.4	225.0		
16:00	14.5	222.0	13.5	226.0		
16:15	14.7	222.0	13.5	226.0		
16:30	15.0	222.0	13.6	226.0		
16:45	15.3	222.5	13.6	226.0		
17:00	14.1	225.8	13.6	226.5		
17:15	14.0	226.0	13.8	225.0		
17:30	13.5	227.0	14.0	224.0		
17:45	13.0	228.0	14.3	223.0		
18:00	12.8	228.2	14.6	222.8		
18:15	14.0	228.4	14.7	218.7		
18:30	14.0	228.0	14.7	219.0		
18:45	14.0	227.0	14.7	219.0		
19:00	14.0	226.0	14.7	220.0		
19:15	14.0	225.0	14.7	220.0		
19:30	14.0	225.0	14.8	221.0		
19:45	14.0	224.0	14.8	222.0		
20:00	14.0	223.0	14.8	222.0		
20:15	13.8	222.0	14.8	223.0		
20:30	13.5	221.0	14.9	224.0		
20:45	13.3	220.0	14.9	224.0		
21:00	13.0	219.0	15.0	225.0		
21:15	12.7	217.8	15.0	225.0		
21:30	14.1	225.8	15.1	226.0		
21:45	15.8	228.7	15.2	226.0		
22:00	16.4	225.2	15.2	226.9		
22:15	14.8	222.4	14.6	227.1	14.8	222.1
22:30	15.2	270.0				
22:45	15.7	321.3				
23:00	15.0	315.0				
23:15	14.0	311.0				
23:30	13.3	307.7				
23:45						
Avg	14.9	219.3	14.1	222.5	14.8	222.1
Max	20.1	321.3	15.2	227.1	14.8	222.1
Hr. of Max	02	91	88	89	89	89
Min	11.0	202.0	13.3	218.2	14.8	222.1
Count	95	95	46	46	1	1
Total						