

## Daily Summary Report

Site: ORNL Sodar

12/19/2018

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	.3	138.6	.6	354.7	.2	74.2	.1	200.5	.2
00:15	.2	168.2	.7	2.1	.3	48.7	.1	159.3	.1
00:30	.1	126.9	.5	22.2	.6	35.7	.1	111.7	.1
00:45	.3	99.3	.5	54.8	.7	50.7	.2	54.3	.1
01:00	.2	74.7	.6	75.1	.6	75.2	.4	86.4	.2
01:15	.1	80.9	.6	79.6	.5	79.0	.5	94.9	.3
01:30	.3	89.6	.7	74.1	.6	81.3	.4	93.4	.1
01:45	.5	84.9	1.0	61.9	.8	76.3	.6	85.4	.4
02:00	.5	81.2	1.3	62.8	.6	68.9	.6	76.6	.4
02:15	.6	82.4	1.4	58.9	.9	67.2	.3	89.9	.2
02:30	.8	256.7	1.3	49.0	1.3	66.1	.3	83.8	.4
02:45	.7	212.9	1.4	58.0	1.1	68.9	.4	76.4	.4
03:00	.5	97.6	1.5	64.2	.9	75.4	.4	69.1	.4
03:15	.4	101.4	1.2	59.2	.8	74.1	.3	53.7	.5
03:30	.0	238.3	1.3	57.3	.7	62.5	.2	20.1	.6
03:45	.2	257.2	1.6	59.3	.8	68.8	.4	91.2	.9
04:00	.5	158.0	1.9	61.2	1.2	80.4	1.2	95.5	1.2
04:15	.5	128.3	2.4	64.2	1.4	78.5	1.6	93.5	1.6
04:30	.1	147.0	2.2	61.5	1.2	75.4	1.2	100.6	1.9
04:45	.2	247.8	1.5	45.3	1.2	74.4	1.4	100.3	2.0
05:00	.2	287.8	1.3	43.4	1.4	70.0	1.5	92.4	1.8
05:15	.3	282.6	1.3	49.5	1.2	64.7	1.2	80.1	1.2
05:30	.1	277.0	1.6	48.9	1.0	58.4	.9	74.7	.9
05:45	.2	297.0	1.9	53.6	.9	50.4	.9	73.0	.8
06:00	.1	299.0	1.7	62.5	1.1	64.6	1.1	81.6	.8
06:15	.3	302.7	1.2	71.9	1.5	87.8	1.2	112.2	.9
06:30	.3	336.1	1.2	83.7	1.6	97.9	1.3	132.7	1.1
06:45	.3	.5	1.2	83.7	1.4	102.4	1.3	141.5	1.0
07:00	.3	289.9	1.0	78.9	1.3	104.2	1.0	140.0	.8
07:15	.2	296.3	.7	78.1	1.2	101.9	.8	146.3	.6
07:30	.1	288.5	.6	67.1	1.4	108.3	1.0	158.2	.9
07:45	.1	256.6	.9	64.3	1.6	118.7	1.0	150.6	1.0
08:00	.2	256.5	.8	62.8	1.5	128.1	1.0	149.0	1.3
08:15	.3	354.6	.7	57.1	1.1	128.5	1.1	157.4	1.5
08:30	.2	91.8	.8	50.6	.9	122.7	1.5	154.2	1.5
08:45	.2	85.5	.8	58.9	1.1	125.9	1.6	152.7	1.2
09:00	.1	82.8	.6	72.7	1.0	135.5	1.8	163.7	1.5
09:15	.0	100.8	.6	41.0	.8	135.7	1.9	167.5	1.7
09:30	.3	116.9	.6	11.7	.8	114.2	1.7	162.8	1.3
09:45	.4	113.2	.5	42.8	.9	103.9	1.7	160.7	.9
10:00	.5	103.2	.6	80.2	1.0	111.4	1.7	156.7	.7
10:15	.4	53.9	.8	70.4	1.1	122.5	1.7	156.3	1.0
10:30	.1	44.6	.7	51.6	.8	105.0	1.2	161.2	.9
10:45	.2	53.5	.4	55.7	.4	89.8	1.0	169.6	.7
11:00	.3	19.8	.5	64.1	.4	109.9	1.0	163.7	1.5
11:15	.2	258.7	.5	49.3	.5	133.7	1.0	173.0	2.5
11:30	.3	220.8	.3	29.1	.6	166.7	1.2	188.9	2.0
11:45	.3	133.1	.2	166.2	.6	201.4	1.0	210.6	1.7
12:00	.1	203.8	.6	189.7	.7	251.0	.9	251.1	1.2
12:15	.1	178.5	.5	192.6	.5	248.0	.7	258.3	1.3
12:30	.1	66.5	.4	225.5	.6	253.8	.7	261.2	1.3



## Daily Summary Report

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12/19/2018

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	132.5	.3	75.6	.4	182.9	2.3	203.6	6.3	199.5
00:15	141.0	.4	57.2	1.4	191.3	3.8	203.2	7.4	197.4
00:30	213.4	.5	90.5	1.5	185.5	3.1	206.0	8.0	192.0
00:45	29.4	.4	77.9	1.1	177.1	3.9	196.9	8.6	185.9
01:00	65.3	.5	67.7	1.8	177.9	5.4	193.2	9.3	187.6
01:15	69.9	.3	91.4	2.5	182.7	5.7	198.4	9.4	196.8
01:30	127.7	.7	176.6	3.2	189.5	6.9	201.7	9.9	203.2
01:45	142.0	.9	164.8	3.6	189.0	8.1	199.1	11.0	212.2
02:00	117.4	.6	152.7	2.5	191.6	5.0	206.0	10.2	214.4
02:15	108.4	.4	136.5	3.0	190.4	4.2	205.8	10.6	212.8
02:30	105.5	.1	145.9	5.5	181.5	8.1	206.4	12.8	217.9
02:45	92.1	.6	174.0	5.0	179.0	8.2	208.5	11.0	212.0
03:00	115.0	1.2	170.2	4.2	187.6	7.8	194.5	10.0	207.4
03:15	140.2	1.3	178.6	4.9	192.6	9.7	205.1	11.1	210.0
03:30	156.7	1.3	175.8	5.0	192.9	8.6	205.3	11.6	210.6
03:45	142.4	1.7	174.0	4.9	195.8	8.0	205.7	10.1	200.0
04:00	131.4	2.0	176.3	4.7	199.4	8.1	204.2	9.5	199.8
04:15	143.5	2.2	180.0	4.9	203.7	8.1	200.3	9.5	199.5
04:30	157.1	3.0	182.8	5.0	206.8	7.6	202.8	9.5	199.3
04:45	158.9	2.3	182.5	4.8	207.8	8.8	214.4	9.5	199.0
05:00	153.6	1.4	186.5	4.6	208.3	8.7	211.0	9.5	198.8
05:15	159.2	1.6	193.5	4.4	215.5	8.6	209.0	9.5	198.5
05:30	172.5	1.6	192.3	4.2	227.1	8.5	208.0	9.5	198.3
05:45	173.7	2.1	202.4	4.8	228.2	8.4	206.0	9.5	198.0
06:00	170.6	2.7	214.8	6.4	219.0	8.2	205.0	9.5	197.8
06:15	176.4	2.7	222.3	7.9	210.8	8.0	204.0	9.5	197.5
06:30	198.4	2.7	226.9	8.4	215.8	7.9	202.0	9.5	197.3
06:45	208.7	3.3	218.9	8.4	221.3	7.8	201.0	9.5	197.0
07:00	221.1	2.9	229.8	8.3	220.4	7.6	200.0	9.5	196.8
07:15	242.5	3.0	235.6	9.3	217.3	7.5	200.0	9.5	196.5
07:30	232.8	3.1	226.7	8.9	213.8	7.4	199.0	9.5	196.3
07:45	219.6	3.3	228.4	7.6	207.1	7.2	198.0	9.5	196.0
08:00	206.6	3.1	233.1	7.0	204.0	7.0	197.0	9.5	195.8
08:15	223.7	3.0	224.0	6.5	202.0	6.8	196.0	9.5	195.5
08:30	228.4	3.6	221.7	6.0	200.0	6.7	196.0	9.5	195.3
08:45	222.4	3.2	220.9	5.5	196.0	6.6	195.0	9.5	195.0
09:00	202.6	2.9	212.3	5.0	192.5	6.5	194.0	9.5	194.8
09:15	198.6	3.1	215.8	6.0	194.1	6.4	193.0	9.5	194.5
09:30	198.2	3.2	220.3	7.5	200.4	6.3	193.0	9.5	194.3
09:45	193.5	2.9	223.2	7.0	199.0	6.2	192.0	9.5	194.0
10:00	198.7	2.5	228.5	7.0	198.0	6.1	191.0	9.5	193.8
10:15	201.7	2.8	225.2	7.0	197.0	6.0	189.0	9.5	193.5
10:30	210.6	2.8	225.8	6.7	196.5	6.0	188.1	8.9	190.0
10:45	222.8	2.5	228.9	6.5	213.6	6.6	190.7	9.4	197.8
11:00	210.8	3.1	211.1	8.0	203.0	9.1	201.2	9.3	210.1
11:15	202.8	4.2	201.0	8.8	193.5	9.6	198.0	9.9	204.0
11:30	211.7	4.4	202.5	8.7	188.2	6.5	183.0	7.4	187.5
11:45	221.9	3.3	204.2	7.3	191.0	6.3	182.0	6.7	190.0
12:00	239.1	2.2	221.7	4.5	211.6	5.8	208.0	7.0	200.8
12:15	252.2	2.0	235.2	4.6	201.7	7.0	203.0	8.1	200.3
12:30	254.8	1.8	236.2	5.3	192.9	7.3	188.0	8.8	197.7



## Daily Summary Report

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12/19/2018

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	10.5	219.0				
00:15	11.0	219.0				
00:30	11.0	219.0				
00:45	11.5	219.0				
01:00	12.0	219.0				
01:15	12.0	219.0				
01:30	12.5	219.0				
01:45	13.0	219.0				
02:00	13.5	219.0				
02:15	14.0	219.0				
02:30	14.5	219.0				
02:45	15.0	219.0				
03:00	15.8	220.0				
03:15	15.6	221.0				
03:30	15.5	221.0				
03:45	15.4	221.0				
04:00	15.2	221.0				
04:15	15.0	221.0				
04:30	14.8	221.0				
04:45	14.6	221.0				
05:00	14.5	221.0				
05:15	14.4	221.0				
05:30	14.2	221.0				
05:45	14.0	221.0				
06:00	13.8	221.0				
06:15	13.6	221.0				
06:30	13.5	221.0				
06:45	13.4	221.0				
07:00	13.2	221.0				
07:15	13.0	221.0				
07:30	13.0	221.0				
07:45	12.9	221.0				
08:00	12.8	221.0				
08:15	12.7	221.0				
08:30	12.7	221.0				
08:45	12.6	221.0				
09:00	12.5	221.0				
09:15	12.5	221.0				
09:30	12.4	221.0				
09:45	12.3	221.0				
10:00	12.2	221.0				
10:15	12.1	221.0				
10:30	12.0	221.0				
10:45	11.8	221.0				
11:00	11.7	222.1				
11:15	11.7	219.0				
11:30	11.7	216.0				
11:45	11.7	214.0				
12:00	11.7	212.0				
12:15	11.7	210.0				
12:30	11.7	207.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	11.7	204.0				
13:00	11.6	201.9				
13:15	11.4	214.8	14.2	217.9		
13:30	11.5	204.0	14.0	222.8		
13:45						
14:00						
14:15						
14:30						
14:45						
15:00						
15:15						
15:30						
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16:00						
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22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	13.0	218.6	14.1	220.4		
Max	15.8	222.1	14.2	222.8		
Hr. of Max	12	44	53	54		
Min	10.5	201.9	14.0	217.9		
Count	55	55	2	2	0	0
Total						