

## Daily Summary Report

Site: ORNL Sodar

3/24/2018

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	57.7	.2	158.5	.2	320.7	.0	210.1	.2
00:15	.5	60.7	.2	87.0	.2	337.4	.0	181.3	.2
00:30	.5	78.6	.2	33.9	.2	44.3	.1	76.0	.1
00:45	.3	69.4	.1	58.9	.2	53.0	.1	138.2	.2
01:00	.1	338.5	.2	85.5	.2	52.2	.1	25.9	.3
01:15	.1	36.5	.2	106.1	.3	54.3	.3	33.3	.4
01:30	.5	75.2	.1	150.1	.3	43.6	.4	51.6	.8
01:45	.8	81.2	.2	105.6	.4	38.7	.4	71.1	.8
02:00	.8	71.5	.9	79.8	.8	54.7	.6	62.2	.4
02:15	.5	52.3	.8	70.4	1.1	53.3	1.0	55.7	.8
02:30	.5	65.9	.9	42.9	1.4	46.8	1.7	43.9	1.2
02:45	.4	85.6	1.2	45.1	1.8	45.4	2.7	44.8	1.1
03:00	.3	117.9	1.2	62.2	2.0	52.1	3.3	57.6	1.3
03:15	.4	100.3	1.5	73.0	2.3	61.7	3.4	64.3	2.3
03:30	1.0	95.1	1.5	77.3	2.5	66.1	4.0	64.8	3.5
03:45	1.1	94.1	1.1	83.0	2.3	66.6	4.2	63.9	4.0
04:00	.5	73.9	.7	76.9	1.7	62.4	3.1	61.6	3.4
04:15	.5	68.6	.6	60.7	1.3	58.9	2.5	62.1	3.2
04:30	.2	123.8	.6	37.0	1.2	51.3	2.9	54.4	2.7
04:45	.2	205.8	.6	10.1	1.9	44.0	3.5	48.0	2.5
05:00	.2	183.9	.8	33.8	2.4	47.3	3.8	51.2	5.2
05:15	.1	68.6	.9	36.5	2.1	51.7	3.7	53.9	4.6
05:30	.3	24.6	1.3	46.2	2.4	56.3	3.6	62.5	3.4
05:45	.7	66.4	1.8	61.1	3.3	57.7	3.9	68.1	3.8
06:00	1.3	80.2	2.1	65.4	3.8	59.9	4.2	67.0	4.3
06:15	2.1	85.6	2.4	67.0	4.3	59.4	5.1	67.0	5.2
06:30	2.4	81.1	2.8	67.4	4.8	54.5	5.7	59.1	5.8
06:45	1.9	66.6	3.2	60.7	4.8	51.2	6.0	53.7	5.9
07:00	2.6	72.8	3.9	60.7	5.6	53.9	7.0	56.9	6.9
07:15	2.6	71.8	4.3	64.5	6.0	57.8	7.5	58.0	7.5
07:30	2.2	70.1	3.8	65.6	5.5	58.1	6.9	56.5	7.7
07:45	2.0	73.9	3.2	69.6	4.7	55.9	6.2	55.3	8.1
08:00	4.2	79.6	3.0	72.7	4.5	57.7	6.0	57.1	8.2
08:15	5.2	79.0	3.6	74.6	5.3	63.1	6.8	60.6	8.7
08:30	2.8	76.5	4.1	70.2	6.1	59.8	7.2	58.6	8.7
08:45	3.1	80.7	3.9	67.3	6.1	56.8	7.1	57.1	8.8
09:00	5.3	85.1	4.1	75.2	6.3	63.1	7.3	64.3	9.1
09:15	5.3	88.0	4.3	76.5	6.2	68.0	7.0	69.9	8.6
09:30	4.5	89.3	4.3	79.7	5.6	67.3	6.8	69.3	7.9
09:45	.7	82.1	1.9	76.3	4.1	62.6	5.5	67.8	6.9
10:00	.6	285.6	.8	55.7	2.4	59.3	3.4	67.3	5.5
10:15	.4	301.2	.9	73.0	2.2	63.0	3.2	71.4	5.4
10:30	.2	320.3	.9	65.8	2.2	62.3	3.5	71.3	5.2
10:45	.2	319.7	.8	47.2	2.1	61.3	3.3	69.5	4.5
11:00	.2	321.1	1.3	78.3	2.3	70.5	3.3	68.9	4.6
11:15	.3	35.4	1.3	82.9	2.2	75.7	3.1	72.6	4.3
11:30	.5	46.4	.3	71.0	1.6	75.1	2.6	74.9	4.1
11:45	.5	43.6	.4	59.4	1.6	71.3	2.7	72.1	4.3
12:00	.4	54.9	.5	58.1	1.4	70.0	2.3	68.5	3.9
12:15	.4	68.3	.3	57.0	1.1	65.7	2.1	57.5	3.7



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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	56.1	.2	35.2	.5	111.8	1.0	188.0		
00:15	68.3	.1	78.8	.3	114.4	.6	193.0		
00:30	106.7	.2	72.2	.1	204.2	.4	197.6		
00:45	145.4	.2	78.8	.1	70.2	.6	135.0		
01:00	74.0	.2	106.5	.4	3.8	.9	95.9		
01:15	57.6	.2	20.3	.5	30.0	1.0	102.0		
01:30	70.6	.2	61.7	.9	65.0	1.1	110.7		
01:45	77.6	.2	86.1	.9	99.0	1.0	105.2		
02:00	100.3	.1	61.8	.8	77.6	1.0	80.6		
02:15	76.8	.1	63.6	.8	60.9	1.2	86.0		
02:30	71.0	.8	57.0	.6	88.4	1.1	106.3		
02:45	57.3	1.2	63.9	.7	67.2	1.5	96.6		
03:00	62.0	1.3	71.9	1.0	115.0	2.4	109.9		
03:15	69.1	2.3	80.4	2.0	107.0	3.5	108.6		
03:30	72.1	3.0	83.0	3.0	84.8	4.0	96.9		
03:45	75.5	3.0	84.6	3.4	91.1	4.0	100.0		
04:00	73.9	3.5	85.7	4.7	98.3	4.0	104.0		
04:15	72.6	3.6	88.4	4.0	103.3	3.5	108.7		
04:30	61.2	2.4	89.3	2.8	114.6	3.8	106.0		
04:45	50.4	2.5	86.6	3.0	114.0	4.0	103.0		
05:00	76.5	4.2	84.2	4.0	114.0	4.0	100.0		
05:15	85.3	3.7	81.2	4.4	113.5	4.3	99.0		
05:30	82.2	3.8	86.1	5.0	122.1	4.5	98.0		
05:45	80.4	4.5	87.1	5.7	121.1	4.8	96.0		
06:00	79.3	4.4	84.5	5.3	117.3	5.0	94.0		
06:15	74.0	4.7	80.5	5.0	112.3	5.3	93.0		
06:30	71.9	5.5	74.8	5.0	103.1	5.5	92.0		
06:45	69.2	6.3	73.5	5.0	99.4	6.2	106.2		
07:00	73.6	6.9	79.0	5.7	98.9	6.6	114.8		
07:15	74.5	7.7	78.6	6.6	94.9	6.7	111.6		
07:30	65.4	8.4	73.5	6.8	89.4	6.2	109.3	7.0	134.1
07:45	62.8	8.7	74.8	6.8	88.9	5.9	111.4	6.2	133.1
08:00	64.4	9.7	75.3	7.4	89.4	6.0	118.5	7.1	130.1
08:15	67.2	9.8	77.1	8.0	89.0	6.2	120.9	7.6	136.5
08:30	66.4	9.5	74.3	8.4	87.9	6.0	117.7	7.1	141.0
08:45	65.7	9.6	71.7	8.7	87.3	6.0	115.9	7.2	141.9
09:00	68.5	9.8	72.7	8.8	85.5	6.0	117.0	7.2	140.3
09:15	70.1	9.9	73.0	8.7	85.3	5.6	116.4	6.4	143.5
09:30	70.5	9.5	74.4	9.4	88.7	6.1	116.4	6.7	144.3
09:45	70.9	8.4	74.0	9.7	89.9	6.6	117.1	7.2	145.8
10:00	71.0	7.3	73.8	8.8	92.0	6.7	118.6	6.5	144.3
10:15	72.5	7.0	78.0	8.2	99.6	6.7	125.5	6.2	147.9
10:30	73.8	6.8	76.1	7.5	99.9	6.2	130.6	6.8	155.9
10:45	74.2	6.6	74.7	7.1	98.1	5.6	135.9	7.3	166.7
11:00	73.5	6.0	77.5	6.1	108.0	5.5	150.3	7.4	181.3
11:15	77.2	5.2	78.2	5.0	121.0	5.5	159.3	8.2	186.5
11:30	79.0	5.2	80.4	4.6	127.5	5.4	165.7	8.8	192.4
11:45	73.7	4.7	83.6	4.4	138.0	5.9	171.3	9.7	193.7
12:00	71.5	3.7	84.7	4.1	141.1	7.0	174.4	11.0	186.7
12:15	65.9	3.5	75.3	3.2	135.1	6.7	177.5	10.8	185.6



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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						
05:00						
05:15						
05:30						
05:45						
06:00						
06:15						
06:30						
06:45						
07:00						
07:15						
07:30						
07:45						
08:00	7.5	145.2				
08:15	8.9	147.8				
08:30	9.7	140.5				
08:45	8.8	146.5				
09:00	8.2	157.6				
09:15	8.1	159.6				
09:30	8.2	158.3				
09:45	8.4	159.9	9.4	191.9		
10:00	7.8	165.6	9.6	189.1		
10:15	7.1	171.3	9.3	187.0	12.7	199.6
10:30	6.7	178.0	9.9	193.1	12.1	199.9
10:45	9.6	188.2	11.1	199.4	14.9	203.2
11:00	10.7	194.4	12.0	200.0		
11:15	11.9	195.6	13.0	200.0		
11:30	13.8	193.9	14.0	201.0		
11:45	16.0	193.2	14.5	201.0		
12:00	16.1	191.4	15.0	202.0		
12:15	15.2	191.1	15.5	202.0		

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	15.2	193.6	16.0	203.0		
12:45	14.3	196.4	16.5	203.0		
13:00	14.5	203.8	17.0	204.0		
13:15	15.7	206.1	17.5	205.0		
13:30	16.3	202.8	18.0	206.0		
13:45	14.8	199.3	18.5	207.0		
14:00	14.4	199.9	19.0	208.0		
14:15	13.4	207.1	19.1	209.1		
14:30	10.5	216.9	18.9	209.5		
14:45	15.1	204.0	18.7	209.9		
15:00	16.2	203.6	18.5	210.7		
15:15	16.7	206.2	18.3	211.5		
15:30	14.7	211.4	18.1	212.3		
15:45	13.0	220.2	17.9	213.1		
16:00	13.5	217.6	17.7	213.9		
16:15	13.8	218.0	17.5	214.7		
16:30	14.0	218.0	17.3	215.5		
16:45	14.3	219.0	17.1	216.3		
17:00	14.5	219.0	16.9	217.1		
17:15	14.5	220.0	16.7	217.9		
17:30	14.8	220.0	16.5	218.7		
17:45	14.8	221.0	16.3	219.5		
18:00	15.0	221.0	16.1	220.3		
18:15	15.3	222.0	15.9	221.1		
18:30	15.5	223.0	15.7	221.9		
18:45	15.8	224.0	15.5	222.7		
19:00	16.0	225.0	15.3	223.5		
19:15	16.3	226.0	15.1	224.3		
19:30	16.5	226.4	14.9	225.1		
19:45	16.0	226.0	14.7	225.9		
20:00	15.5	227.0	14.5	226.7		
20:15	15.0	227.0	14.3	227.5		
20:30	14.5	228.0	14.1	228.3		
20:45	14.3	228.0	13.9	229.1		
21:00	14.0	229.0	13.7	229.9		
21:15	13.8	229.0	13.5	230.7		
21:30	13.5	229.0	13.3	231.5		
21:45	13.3	230.0	13.1	232.3		
22:00	13.0	230.0	12.9	233.1		
22:15	12.7	230.9	12.7	233.9		
22:30	13.5	228.8	12.5	234.7		
22:45	12.4	226.4	12.3	235.5		
23:00	11.2	231.7	12.1	236.3		
23:15	10.2	235.6	10.4	241.6		
23:30	7.3	222.1	10.3	231.0		
23:45	5.7	206.5	10.3	221.6		
Avg	12.9	205.2	14.9	215.8	13.2	200.9
Max	16.7	235.6	19.1	241.6	14.9	203.2
Hr. of Max	61	93	57	93	43	43
Min	5.7	140.5	9.3	187.0	12.1	199.6
Count	64	64	57	57	3	3
Total						