

## Daily Summary Report

Site: ORNL Sodar

2/18/2018

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	327.5	.5	279.8	.8	287.8	.9	300.1	.6
00:15	.2	310.3	.6	272.7	.9	282.5	.9	295.8	.7
00:30	.3	304.7	.7	270.9	1.3	284.9	1.4	292.1	.7
00:45	.2	44.7	.7	267.3	1.4	293.1	1.7	295.4	1.0
01:00	.2	33.3	.9	261.9	2.1	290.4	3.1	291.3	3.0
01:15	.5	306.5	1.0	269.6	3.0	288.6	4.1	290.5	5.0
01:30	1.0	290.1	1.4	277.5	3.7	289.4	4.6	292.8	5.1
01:45	.9	287.6	1.4	287.6	3.4	296.0	4.1	295.2	3.8
02:00	.4	316.0	1.1	287.9	2.0	298.9	1.8	295.6	1.6
02:15	.5	321.1	1.3	277.0	1.5	291.0	1.2	286.4	.9
02:30	.5	308.3	1.3	273.9	1.6	294.7	1.5	299.6	.3
02:45	.5	299.0	.9	273.8	1.7	292.3	1.7	301.9	.3
03:00	.7	290.6	.7	287.5	1.9	294.3	1.5	291.1	.4
03:15	1.1	289.2	.7	300.4	1.8	312.6	1.6	316.1	.6
03:30	1.1	291.9	1.2	319.5	1.5	323.0	1.5	329.0	.8
03:45	.8	293.1	1.5	318.0	1.4	307.3	1.1	314.9	.2
04:00	.5	292.9	.8	303.6	1.1	303.7	1.0	317.3	.9
04:15	.2	266.1	.1	69.4	.4	336.1	.9	349.5	.9
04:30	.1	172.4	.5	63.4	.6	37.6	.8	23.9	.5
04:45	.1	355.4	.7	33.6	1.0	32.2	.6	59.1	.3
05:00	.1	348.2	.8	37.0	1.6	24.2	1.2	35.7	.5
05:15	.5	128.6	.8	50.0	1.8	35.8	2.1	36.6	.8
05:30	.8	116.2	.8	61.0	1.5	52.9	1.4	65.2	1.1
05:45	.9	91.0	.7	71.7	1.3	59.8	1.4	73.1	.8
06:00	1.0	95.2	.7	74.9	1.1	52.3	1.5	63.3	.6
06:15	1.0	100.8	.7	54.4	1.4	43.4	1.7	53.8	.9
06:30	.9	72.7	1.1	41.2	2.3	41.8	2.9	46.7	.7
06:45	1.1	53.6	1.5	33.2	3.5	32.7	5.1	33.2	.6
07:00	1.0	68.2	1.6	25.4	3.9	32.4	5.1	33.0	.6
07:15	.8	90.8	1.8	25.2	4.1	30.0	3.7	32.3	.4
07:30	1.0	92.2	2.6	18.8	4.4	20.5	2.0	41.0	.2
07:45	.9	98.1	2.5	20.3	3.9	19.5	1.7	48.4	.3
08:00	.7	89.8	2.2	28.2	4.6	20.3	6.3	15.0	.7
08:15	.6	114.5	1.7	36.3	5.0	21.1	7.5	16.9	1.5
08:30	.7	152.0	.8	27.4	2.6	40.0	6.1	24.7	4.0
08:45	.5	152.5	.6	357.4	1.9	37.4	5.1	25.1	5.0
09:00	.2	74.7	.4	20.2	1.8	22.8	3.9	22.6	6.2
09:15	.5	62.9	.6	53.4	1.3	46.9	1.9	52.6	3.2
09:30	.5	58.8	.8	49.5	1.6	54.1	1.5	70.9	2.1
09:45	.2	40.0	.8	56.1	1.9	70.4	2.0	76.0	2.7
10:00	.2	94.1	1.9	80.6	2.6	83.8	3.3	77.5	3.6
10:15	.7	81.4	2.1	81.7	2.4	77.5	2.9	72.0	3.2
10:30	1.0	70.7	1.7	62.1	2.2	70.3	2.2	66.8	2.5
10:45	1.2	58.1	2.4	56.4	2.8	65.2	2.5	66.0	2.4
11:00	.9	55.3	1.6	50.1	2.4	61.3	2.4	75.6	2.2
11:15	.8	63.9	1.8	62.2	3.0	79.2	3.2	83.8	3.4
11:30	1.4	60.4	2.6	70.1	3.7	77.7	3.3	71.2	3.7
11:45	1.1	69.6	1.9	83.0	2.4	72.7	2.5	71.2	3.3
12:00	1.4	95.1	2.8	98.6	2.9	91.2	3.3	95.0	3.4
12:15	.9	88.6	2.7	81.2	2.9	84.8	2.7	88.8	2.0



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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	301.7	.8	308.5	4.0	295.6	5.6	285.7		
00:15	329.3	1.0	294.6	5.1	293.0	7.0	297.7		
00:30	325.8	1.4	294.0	5.8	296.0	7.7	296.2		
00:45	307.7	2.3	295.4	7.4	298.4	8.3	296.5		
01:00	295.2	4.0	292.7	7.3	307.9	9.0	303.0		
01:15	290.9	5.7	297.6	9.3	330.1	10.0	310.0		
01:30	299.7	6.5	309.2	9.4	327.6	11.8	321.3		
01:45	308.5	4.6	324.2	8.1	343.2				
02:00	315.8	1.4	311.4						
02:15	316.5	.7	300.6						
02:30	279.6	.5	286.3						
02:45	229.5	.3	285.3						
03:00	237.7	.1	261.1						
03:15	280.0	.1	270.0						
03:30	330.2	.1	282.0						
03:45	345.0	.1	296.2						
04:00	336.4	.7	351.6						
04:15	351.2	.8	359.7	.3	74.8				
04:30	34.6	.3	26.4	.2	115.6				
04:45	90.2	.2	144.6	.4	44.3				
05:00	102.8	.1	105.1	.4	24.3				
05:15	73.9	.3	43.4	.4	350.0	.2	260.8		
05:30	74.4	.2	86.6	.4	41.9	.4	97.4		
05:45	69.2	.2	39.8	.3	88.9	.9	52.2		
06:00	58.3	.4	51.1	.6	86.3	1.2	32.1		
06:15	70.4	.5	59.5	1.1	54.4	1.0	345.0		
06:30	61.3	.3	46.3	1.5	30.4	1.4	40.0	3.7	87.9
06:45	49.6	.1	41.6	.7	18.6	1.3	79.8	1.9	90.3
07:00	66.9	.2	347.8	.5	8.5	1.0	33.0	1.3	75.8
07:15	76.4	.1	343.8	.4	16.1	.8	342.0	4.0	73.0
07:30	120.3	.3	72.0	.7	34.4	1.0	45.0	6.2	70.8
07:45	112.6	.7	73.8	1.0	45.7	2.5	67.2	6.4	68.5
08:00	84.8	1.1	80.4	2.2	59.7	5.7	65.1	8.3	76.4
08:15	96.6	2.0	82.8	5.0	73.0	6.7	71.9	8.1	77.0
08:30	59.0	3.8	81.6	5.5	81.0	6.3	90.0	7.9	77.0
08:45	42.0	6.0	50.0	8.0	55.0	7.0	85.0	7.8	77.0
09:00	27.6	9.2	28.6	11.1	38.8	8.0	80.0	7.6	78.0
09:15	46.9	7.2	38.3	9.7	45.6	9.0	78.0	7.5	78.0
09:30	61.4	5.4	45.3	9.3	45.5	10.0	70.0	7.4	78.0
09:45	58.4	4.9	50.3	8.9	45.6	10.5	60.0	7.3	78.0
10:00	74.2	5.0	66.8	8.9	47.9	11.0	50.1	7.2	79.0
10:15	73.0	4.2	69.2	7.2	59.8	9.0	65.0	7.0	79.0
10:30	69.0	2.9	64.3	5.5	71.8	7.4	79.8	6.9	79.0
10:45	69.5	2.7	65.7	4.9	71.5	6.6	77.8	6.8	79.0
11:00	82.3	3.0	83.1	5.0	77.1	6.7	77.6	6.7	79.0
11:15	81.0	3.6	81.3	4.9	74.5	6.8	85.3	6.5	79.0
11:30	66.9	3.6	76.3	4.5	74.6	5.4	81.8	6.4	79.3
11:45	73.3	3.8	86.6	4.1	89.1	4.2	80.5	5.6	85.7
12:00	90.5	4.1	91.3	4.1	87.6	4.8	84.9	5.3	95.0
12:15	78.2	2.5	73.5	3.8	81.3	5.5	90.6	5.5	99.2



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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	3.2	95.7				
07:00	4.0	90.0				
07:15	5.0	86.0				
07:30	6.0	82.0				
07:45	7.2	78.9				
08:00	7.2	79.0				
08:15	7.2	80.0				
08:30	7.2	81.0				
08:45	7.2	82.0				
09:00	7.2	83.0				
09:15	7.2	83.0				
09:30	7.3	84.0				
09:45	7.3	85.0				
10:00	7.3	86.0				
10:15	7.3	86.0				
10:30	7.3	87.0				
10:45	7.3	87.0				
11:00	7.4	88.0				
11:15	7.4	88.0				
11:30	7.4	89.0				
11:45	7.5	90.3				
12:00	6.9	94.5				
12:15	7.2	95.3				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	7.6	97.5	9.0	124.0		
12:45	6.6	87.6	8.0	110.0		
13:00	4.9	95.5	6.9	93.3		
13:15	5.3	107.0	6.8	117.2		
13:30	5.9	102.7	6.6	124.0		
13:45	6.0	100.8	7.0	128.0		
14:00	7.5	122.0	7.8	140.6	8.8	147.4
14:15	9.2	145.1	7.5	146.2	8.1	156.9
14:30	8.3	140.2	6.0	157.7	7.2	170.5
14:45	8.9	153.5	6.8	171.0	7.6	174.0
15:00	6.0	157.5	7.5	180.8	8.0	179.0
15:15	5.1	164.2	6.4	178.0	8.8	182.5
15:30	6.5	168.0	6.4	176.3	9.4	181.6
15:45	8.0	173.0	7.0	181.4	9.3	182.0
16:00	8.4	177.3	6.5	183.1	9.5	187.5
16:15	7.6	181.9	7.4	190.1	10.4	199.2
16:30	7.0	183.0	9.0	192.2	11.2	214.1
16:45	6.3	185.5	9.0	186.4	11.3	209.9
17:00	6.3	186.7	8.8	186.4	10.6	197.8
17:15	6.6	186.4	8.7	185.0	9.6	197.4
17:30	6.8	186.7	9.2	192.0		
17:45	6.2	189.6	9.5	197.0		
18:00	6.1	195.8	10.4	196.4		
18:15	6.8	198.7	9.5	203.2		
18:30	5.0	207.8	8.8	203.4		
18:45	4.5	215.1				
19:00	3.0	208.0				
19:15	2.2	203.8				
19:30	1.7	220.8				
19:45	3.6	229.2				
20:00	4.4	240.0				
20:15	5.7	255.9				
20:30						
20:45						
21:00						
21:15						
21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	6.4	135.4	7.9	165.7	9.3	184.3
Max	9.2	255.9	10.4	203.4	11.3	214.1
Hr. of Max	57	81	72	74	67	66
Min	1.7	78.9	6.0	93.3	7.2	147.4
Count	55	55	25	25	14	14
Total						