

## Daily Summary Report

Site: ORNL Sodar

7/13/2018

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	1.9	45.5	3.2	32.1	4.9	33.7	7.1	33.8	10.2
00:15	1.4	69.3	3.0	45.1	4.5	41.4	6.6	38.9	9.1
00:30	2.1	47.2	3.4	46.7	5.0	42.3	6.9	40.2	10.7
00:45	1.8	58.4	3.4	52.1	5.0	45.7	6.8	43.4	11.1
01:00	1.7	76.6	3.1	66.2	4.4	54.0	6.3	47.9	6.7
01:15	1.5	80.5	2.6	69.0	4.3	57.2	6.2	50.0	5.6
01:30	1.3	75.0	2.3	62.3	4.4	53.4	6.2	47.9	5.2
01:45	1.2	45.5	2.6	47.0	4.4	42.5	6.2	37.6	5.0
02:00	1.4	27.4	2.5	37.8	4.1	36.0	5.8	35.9	5.2
02:15	1.8	54.3	1.6	39.6	3.4	41.2	4.9	41.6	4.3
02:30	.7	53.7	1.0	53.2	2.9	46.9	4.2	44.6	3.4
02:45	.3	36.8	1.0	43.3	3.1	39.8	4.3	39.9	3.2
03:00	.4	23.6	1.3	32.7	3.1	33.1	4.5	34.9	3.1
03:15	.4	29.0	1.2	31.5	3.0	33.4	4.3	34.4	3.0
03:30	.6	14.6	1.3	36.8	3.0	35.1	4.2	35.1	2.6
03:45	.7	76.2	1.8	53.1	3.2	42.8	4.0	40.1	2.2
04:00	1.0	79.0	2.0	67.8	3.4	51.4	4.0	48.1	2.7
04:15	.6	72.3	1.6	71.4	3.2	58.1	3.7	52.8	3.1
04:30	.3	88.8	1.5	61.7	3.2	59.8	3.9	52.6	3.9
04:45	.7	110.8	1.7	58.1	3.4	56.8	4.2	51.0	3.9
05:00	.7	114.3	1.8	58.2	3.5	56.8	4.7	48.5	2.9
05:15	.9	121.9	1.9	66.2	3.7	59.4	5.2	51.7	3.1
05:30	1.3	122.6	2.0	71.8	4.0	62.6	5.1	56.2	2.9
05:45	1.3	105.1	2.3	67.8	4.3	61.2	5.2	57.3	4.1
06:00	1.4	86.1	2.1	65.2	4.3	52.8	5.2	52.1	4.2
06:15	1.2	86.9	1.7	60.7	4.0	48.2	5.2	47.7	3.9
06:30	.9	120.2	1.7	59.1	3.8	51.3	4.9	49.1	3.9
06:45	.9	110.5	2.2	62.6	4.0	54.6	4.4	53.5	3.6
07:00	.7	99.2	2.7	71.1	3.9	57.8	4.2	57.9	2.5
07:15	.4	123.2	2.1	72.3	3.4	60.5	3.2	59.9	1.2
07:30	.2	124.7	1.4	67.1	3.2	63.6	2.7	58.7	.3
07:45	.4	113.9	1.8	71.6	3.3	65.0	3.1	65.2	1.4
08:00	.7	108.7	2.1	64.6	3.4	64.0	3.6	68.3	3.3
08:15	1.1	89.0	1.9	58.1	3.4	60.6	4.0	66.1	3.2
08:30	.7	82.1	1.6	63.5	3.0	56.3	3.9	61.9	2.8
08:45	.7	88.0	1.5	65.0	2.5	53.9	3.4	62.9	2.6
09:00	.8	91.3	1.3	60.2	2.4	51.6	3.2	61.6	2.9
09:15	.9	91.9	1.1	67.8	1.7	45.6	2.5	50.8	2.6
09:30	.9	92.0	.9	84.8	.9	81.4	1.5	65.7	2.0
09:45	.8	94.0	1.1	112.8	1.3	102.4	1.3	95.4	1.4
10:00	.9	89.6	.9	112.3	.4	69.1	.5	86.3	.7
10:15	.7	94.4	.8	91.1	.4	24.7	.4	37.0	.3
10:30	.5	126.0	.8	112.9	.6	90.0	.3	55.1	.2
10:45	.4	118.8	.8	126.7	1.0	121.7	.7	126.8	.3
11:00	.3	83.0	1.1	107.2	1.1	127.8	1.0	147.4	.8
11:15	.3	346.6	.3	151.0	.4	218.8	.6	217.5	.4
11:30	.4	230.3	.9	192.3	.6	224.1	.8	256.5	.8
11:45	.9	215.6	.9	176.2	.7	209.0	1.1	255.5	.6
12:00	1.5	210.1	1.5	205.7	1.8	209.8	1.5	217.9	1.5
12:15	1.5	204.5	2.0	208.3	2.1	219.8	1.7	218.8	1.9



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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	33.5	11.8	36.0	10.7	44.4	12.7	40.0	13.2	43.0
00:15	39.7	9.9	43.7	9.1	55.0	11.0	44.0	14.5	44.7
00:30	42.6	10.2	48.6	9.6	57.1	12.6	34.5		
00:45	41.9	12.4	46.6	9.9	53.5	12.3	40.0		
01:00	58.2	8.1	75.6	9.0	79.8	12.0	45.0		
01:15	71.4	6.9	81.4	9.3	84.0	11.6	50.0		
01:30	67.7	6.9	79.7	9.6	89.7	11.3	55.0		
01:45	56.6	6.3	75.6	9.0	91.0	11.0	60.0		
02:00	51.5	5.7	70.8	8.4	92.2	10.8	65.0		
02:15	60.7	5.3	75.6	7.7	93.0	10.4	70.0		
02:30	69.6	4.8	83.2	7.8	91.9	10.2	75.0		
02:45	64.7	4.4	84.4	8.6	90.7	10.0	82.0		
03:00	64.7	3.6	81.7	7.8	89.7	9.4	88.1		
03:15	68.9	3.2	78.9	6.3	90.3	8.0	95.0		
03:30	70.6	3.1	75.9	3.8	90.7	5.0	110.0		
03:45	70.9	3.0	73.7	5.5	86.8	4.3	120.4		
04:00	74.4	3.7	81.8	6.8	86.8	5.6	122.7		
04:15	77.9	4.0	85.7	5.1	92.9	5.5	123.3		
04:30	80.6	3.1	80.9	4.7	94.5	4.8	114.8		
04:45	84.7	2.7	73.3	5.0	88.5	2.5	140.0		
05:00	75.9	3.0	77.6	3.6	93.3	.8	168.4		
05:15	66.2	3.1	80.2	3.4	95.6	2.6	111.7		
05:30	69.6	3.8	78.9	3.6	98.6	4.1	114.6		
05:45	77.7	5.1	84.4	4.1	103.6				
06:00	80.7	2.8	85.1	3.1	103.4				
06:15	69.6	3.5	86.8	2.5	92.3				
06:30	71.6	5.7	86.3	2.5	86.1				
06:45	74.8	3.6	77.9	2.3	100.2				
07:00	73.1	3.3	79.1	2.6	107.5				
07:15	73.3	3.1	83.9	1.5	150.0				
07:30	59.3	.6	77.0	.2	222.2				
07:45	78.5	1.4	77.4						
08:00	83.2	5.0	88.0						
08:15	83.7	5.1	90.1						
08:30	81.3	2.6	99.2						
08:45	80.0	2.4	109.2						
09:00	82.2	2.6	106.4						
09:15	65.5	2.2	81.4						
09:30	61.7	2.0	62.1						
09:45	79.7	1.5	80.6	1.5	173.2				
10:00	81.4	.5	71.4	2.0	204.3				
10:15	104.3	.1	55.8	2.2	212.5				
10:30	46.0	.6	178.3	2.7	208.4				
10:45	111.5	1.1	183.7	2.3	219.6	4.0	236.1		
11:00	151.0	.8	188.9	.8	250.3	3.0	243.0		
11:15	219.4	.7	261.0	.3	351.9	2.0	244.0	3.6	249.6
11:30	297.9	.8	255.7	2.2	260.6	2.6	262.0	4.5	263.4
11:45	278.2	1.3	204.0	3.0	264.5	2.5	272.9	4.7	270.5
12:00	189.6	2.0	186.7	1.5	196.0	2.4	220.0		
12:15	191.7	1.7	201.7	1.4	186.2				



## Daily Summary Report

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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	13.8	43.7				
00:15						
00:30						
00:45						
01:00						
01:15						
01:30						
01:45						
02:00						
02:15						
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10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30						
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
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21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	13.8	43.7				
Max	13.8	43.7				
Hr. of Max	00	00				
Min	13.8	43.7				
Count	1	1	0	0	0	0
Total						