

## Daily Summary Report

Site: ORNL Sodar

3/23/2019

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	.7	43.9	.6	26.4	1.3	25.4	2.1	23.8	2.7
00:15	.7	37.9	1.0	42.4	1.7	30.2	2.7	25.9	4.9
00:30	.5	38.6	1.1	45.8	1.9	33.2	3.5	26.1	5.8
00:45	1.2	15.9	1.9	35.1	3.7	28.8	5.2	23.1	6.0
01:00	2.5	10.8	3.0	30.0	5.4	23.7	6.3	20.7	6.0
01:15	1.7	11.1	2.4	27.3	5.0	22.0	6.0	20.8	5.5
01:30	.9	28.8	1.5	19.5	3.3	28.4	5.0	26.3	5.3
01:45	.6	50.3	.8	32.4	2.0	45.6	3.3	37.3	4.3
02:00	.9	62.4	1.5	28.5	2.2	43.8	3.3	38.2	4.5
02:15	1.2	63.7	1.8	38.0	2.4	43.0	3.0	37.1	5.2
02:30	1.1	49.6	1.4	48.8	1.9	46.0	2.7	38.4	5.3
02:45	1.1	54.1	1.7	27.6	2.3	32.6	3.8	33.0	5.8
03:00	1.2	54.3	1.9	21.5	2.4	30.6	3.8	31.9	4.9
03:15	1.4	43.0	1.9	30.2	2.8	31.6	4.2	32.3	4.5
03:30	1.6	24.6	1.8	34.4	3.2	36.1	4.3	35.7	3.3
03:45	1.4	29.4	2.0	32.9	3.4	36.1	3.9	34.0	3.2
04:00	1.4	59.7	2.2	43.6	2.9	33.2	3.5	33.0	4.1
04:15	1.3	62.0	2.1	51.0	2.8	36.6	3.8	36.5	4.9
04:30	1.2	63.5	1.8	45.8	3.3	40.4	4.5	36.9	5.9
04:45	1.6	80.2	2.0	53.6	3.0	46.5	3.9	46.4	5.0
05:00	1.7	82.7	2.2	61.5	2.4	52.5	3.0	53.7	3.9
05:15	1.5	79.8	2.2	62.2	2.4	58.2	2.9	55.7	4.1
05:30	2.1	70.6	3.2	61.1	3.6	58.3	4.3	54.4	6.0
05:45	2.2	59.1	3.6	54.1	4.5	49.2	5.6	44.1	7.3
06:00	2.0	58.3	2.8	41.2	4.1	46.9	5.2	41.3	6.3
06:15	1.7	64.0	2.2	47.4	3.4	47.6	4.6	41.3	5.7
06:30	2.0	68.4	2.5	55.2	3.9	51.4	5.1	45.5	5.6
06:45	2.0	57.5	2.7	45.8	4.2	48.2	5.2	42.4	5.7
07:00	1.5	35.9	2.7	47.8	4.1	38.7	5.1	36.6	5.7
07:15	1.0	25.8	2.3	42.2	3.6	35.9	5.1	36.3	4.9
07:30	.6	36.0	1.6	29.1	2.8	37.3	4.2	39.5	4.5
07:45	.7	80.4	1.0	49.1	2.0	49.0	2.8	48.6	4.2
08:00	.9	85.1	.8	70.3	1.5	62.2	1.6	49.6	3.2
08:15	1.0	69.2	.9	62.6	1.6	59.7	2.0	55.9	3.2
08:30	1.2	66.5	1.6	55.9	2.8	57.3	4.0	52.0	5.0
08:45	1.2	62.0	2.4	53.7	3.7	50.1	4.9	45.5	6.3
09:00	.8	65.7	2.3	58.6	3.6	46.9	4.5	45.7	5.5
09:15	.9	85.5	1.7	76.1	3.0	57.8	3.5	53.2	3.9
09:30	1.0	77.2	2.1	81.5	2.6	63.5	2.9	55.3	2.8
09:45	1.2	58.9	2.2	64.2	2.2	55.2	2.7	52.1	2.4
10:00	1.2	58.3	1.6	51.7	2.0	59.1	2.3	64.4	2.1
10:15	1.3	67.6	1.7	51.2	1.9	63.3	1.9	69.0	1.6
10:30	1.3	74.7	1.4	61.9	1.3	62.5	1.2	66.2	1.1
10:45	1.5	95.1	2.1	97.7	2.1	88.7	1.9	87.1	1.6
11:00	1.8	98.1	2.2	98.8	2.8	90.0	2.6	83.2	2.2
11:15	.9	112.3	1.0	109.8	1.6	98.5	1.8	85.6	1.9
11:30	.5	149.6	.4	114.4	.8	126.6	1.0	97.6	1.3
11:45	1.0	115.3	1.6	96.1	1.2	108.8	1.1	106.9	1.1
12:00	1.0	87.6	1.5	96.6	1.5	104.3	1.6	106.3	1.5
12:15	.9	96.7	1.0	95.5	1.5	98.9	1.9	105.3	1.5
12:30	.8	114.0	1.2	93.5	1.4	97.9	1.3	100.1	.9



## Daily Summary Report

Site: ORNL Sodar

3/23/2019

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	32.9	4.7	19.5	5.1	20.0				
00:15	24.7	6.4	21.9	6.1	14.5	6.2	9.2		
00:30	21.1	6.5	18.7	6.8	8.7	7.3	10.5		
00:45	18.2	6.4	12.6	7.2	5.5				
01:00	11.7	6.8	4.4	8.2	2.1				
01:15	12.5	6.0	4.3	7.3	3.5				
01:30	19.8	6.1	11.8	9.0	5.0				
01:45	26.9	6.4	17.8	11.0	6.0				
02:00	25.9	7.1	18.8	12.1	6.9				
02:15	24.6	7.3	15.0	11.5	10.0				
02:30	29.8	7.0	15.0	11.0	13.1				
02:45	28.2	7.0	14.4	10.0	13.5				
03:00	23.9	4.2	10.8	9.0	13.5				
03:15	24.1	4.0	9.4	8.0	14.0				
03:30	32.0	3.3	20.6	7.0	14.0				
03:45	32.0	4.1	26.6	5.7	14.4				
04:00	32.4	5.9	27.4	6.6	25.0				
04:15	32.3	6.7	26.7	7.1	25.8				
04:30	30.0	6.9	27.1	7.0	15.5				
04:45	39.0	5.7	34.6	6.2	19.3				
05:00	50.7	4.8	43.8	6.0	30.0				
05:15	50.9	4.8	46.8	5.5	45.0				
05:30	47.0	7.7	33.7	5.0	50.0				
05:45	44.8	9.0	38.2	5.0	55.0				
06:00	44.6	8.1	42.6	5.0	60.0				
06:15	42.9	6.4	39.7	5.0	65.0				
06:30	45.9	5.8	43.8	4.8	73.2				
06:45	42.3	5.4	38.2	6.2	61.8	6.3	60.0		
07:00	37.3	4.5	37.5	4.1	28.6	6.0	40.0		
07:15	38.0	4.4	40.4	4.3	23.3	4.8	33.4		
07:30	42.5	4.1	48.3	3.9	37.1	4.8	52.8		
07:45	53.9	4.4	54.0	3.7	41.5	4.0	38.0		
08:00	63.3	4.5	52.8	3.8	38.2	2.9	22.6		
08:15	59.0	4.6	47.5	3.9	26.0	2.6	42.6		
08:30	49.4	5.4	42.9	5.7	28.4	4.4	62.5		
08:45	49.7	7.2	43.5	7.1	32.8	7.2	40.1		
09:00	51.1	7.0	40.0	7.0	40.0	7.0	40.0		
09:15	47.9	6.2	37.5	6.0	45.0	6.8	40.0		
09:30	55.7	4.2	61.1	5.0	50.0	6.5	39.0		
09:45	61.8	3.2	77.1	4.0	57.0	6.3	39.0		
10:00	69.6	2.4	81.1	3.6	68.6	6.0	39.0		
10:15	67.9	1.9	75.8	2.9	66.4	5.0	39.0		
10:30	49.9	1.2	46.5	1.4	38.5	4.0	39.0		
10:45	76.0	1.9	60.2	1.7	63.9	3.4	38.8		
11:00	80.3	2.7	78.8	2.6	66.6	4.2	60.8		
11:15	88.7	1.9	82.4	1.7	65.2	3.8	82.4	3.5	68.6
11:30	93.8	1.2	89.0	1.9	86.5	3.4	89.8	3.7	80.3
11:45	102.9	1.4	96.1	2.8	86.4	3.4	85.8	3.6	81.5
12:00	93.2	1.6	88.8	2.4	68.9	3.0	56.8	3.5	27.0
12:15	93.6	1.3	85.8	1.6	54.9	3.6	44.3	4.6	25.8
12:30	91.5	1.1	90.3	1.3	107.7	2.8	91.9	3.1	50.0



## Daily Summary Report

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3/23/2019

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						
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05:30						
05:45						
06:00						
06:15						
06:30						
06:45						
07:00						
07:15						
07:30						
07:45						
08:00						
08:15						
08:30						
08:45						
09:00						
09:15						
09:30						
09:45						
10:00						
10:15						
10:30						
10:45						
11:00						
11:15	3.7	71.4				
11:30	4.1	37.5				
11:45	4.7	46.5				
12:00	5.0	42.0				
12:15	6.0	39.0				
12:30	6.5	36.8				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						
14:30						
14:45						
15:00						
15:15						
15:30						
15:45						
16:00						
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						
17:45						
18:00						
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18:30						
18:45						
19:00						
19:15						
19:30						
19:45						
20:00						
20:15						
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	5.0	45.5				
Max	6.5	71.4				
Hr. of Max	50	45				
Min	3.7	36.8				
Count	6	6	0	0	0	0
Total						