

## Daily Summary Report

Site: ORNL Sodar

10/18/2018

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	3.0	351.3	2.3	.2	3.6	16.4	4.7	16.7	5.0
00:15	1.7	348.7	2.5	16.9	4.2	20.7	5.1	16.8	5.2
00:30	2.2	11.2	3.9	25.1	5.0	20.1	5.6	12.5	6.0
00:45	2.2	15.6	4.5	18.5	4.3	13.7	2.8	13.4	3.4
01:00	1.4	5.4	3.0	22.6	3.5	20.2	3.3	18.2	.7
01:15	1.4	11.8	3.1	30.5	4.7	25.0	5.5	18.1	3.5
01:30	1.9	21.7	4.0	30.4	5.3	23.4	6.0	14.0	2.5
01:45	2.0	18.2	4.2	26.3	5.2	19.7	5.2	13.9	.8
02:00	1.8	13.1	3.4	30.7	4.4	26.7	4.5	23.2	3.7
02:15	2.2	18.2	2.9	38.3	4.6	34.3	5.2	26.7	6.3
02:30	2.4	26.2	3.2	37.3	5.0	32.6	6.2	24.9	6.0
02:45	1.4	46.1	3.5	37.6	5.2	31.3	6.5	25.5	5.3
03:00	1.3	63.2	2.7	46.1	4.5	40.8	5.7	37.2	6.0
03:15	2.1	42.7	2.8	46.4	4.5	42.5	6.0	41.0	7.3
03:30	2.9	33.1	3.6	35.9	5.2	37.1	6.8	33.6	8.6
03:45	2.8	35.0	4.4	36.6	6.1	36.8	7.7	31.4	9.9
04:00	4.0	20.0	5.6	42.3	7.4	32.1	9.2	30.8	11.0
04:15	6.3	3.9	5.7	37.0	7.9	28.8	9.6	28.2	11.1
04:30	6.0	13.7	6.0	28.0	8.3	26.7	9.9	26.3	11.7
04:45	3.4	26.7	5.9	34.2	8.0	27.2	10.0	26.3	11.8
05:00	3.0	33.0	4.8	37.6	6.5	31.5	8.7	28.6	10.4
05:15	1.8	9.1	4.2	31.2	5.6	32.2	7.6	31.8	9.6
05:30	2.2	31.2	3.7	34.8	5.4	29.4	7.2	31.3	9.4
05:45	2.0	37.0	3.5	40.5	5.5	35.5	7.3	35.2	9.8
06:00	2.0	43.4	3.7	44.9	6.0	40.6	7.7	39.3	9.8
06:15	3.9	23.4	4.2	45.2	6.5	39.9	7.9	39.1	9.9
06:30	4.0	22.8	4.5	45.4	6.6	39.0	8.2	39.8	10.5
06:45	3.0	32.9	4.7	42.0	6.9	39.0	8.9	41.2	11.5
07:00	3.1	24.8	5.5	40.9	7.4	39.3	9.8	39.9	11.8
07:15	2.9	23.8	5.5	40.7	7.5	38.1	9.5	39.1	11.1
07:30	3.0	18.0	5.7	34.3	8.0	33.7	9.7	37.4	11.3
07:45	4.0	13.0	6.0	33.8	8.2	35.0	9.9	37.6	11.6
08:00	4.9	7.3	4.8	42.1	7.1	38.8	8.7	40.0	10.7
08:15	4.7	13.5	3.8	41.4	6.4	36.1	8.4	38.0	10.4
08:30	2.1	13.4	2.6	35.6	5.5	33.5	7.6	36.2	9.5
08:45	1.9	20.8	1.3	55.1	3.5	36.8	5.8	41.3	8.1
09:00	.9	82.1	1.8	66.3	3.3	47.5	5.6	49.2	8.0
09:15	1.3	90.6	1.8	66.3	3.2	45.3	5.3	47.7	8.0
09:30	1.1	57.3	1.5	52.9	2.6	29.5	4.9	49.5	7.5
09:45	1.1	27.1	2.1	43.0	3.0	35.1	4.8	52.5	6.9
10:00	1.6	19.2	4.0	36.5	4.4	34.9	5.3	38.6	7.0
10:15	2.6	69.2	5.0	55.5	5.8	49.5	5.9	44.6	6.1
10:30	3.0	76.2	5.5	72.3	5.3	65.8	5.5	59.9	5.2
10:45	3.3	69.1	5.4	72.5	4.6	61.5	4.8	54.4	4.5
11:00	4.9	81.1	4.3	78.6	4.3	67.9	4.3	66.1	4.0
11:15	4.0	82.4	3.9	73.4	4.0	71.2	3.7	73.5	3.4
11:30	1.3	52.0	3.1	52.9	3.5	43.4	3.2	47.4	3.1
11:45	1.9	39.5	2.6	41.5	3.4	38.6	3.3	49.3	3.0
12:00	2.5	64.3	4.1	65.1	4.1	65.0	4.5	67.7	3.9
12:15	2.2	72.7	4.1	75.0	4.0	74.4	4.1	70.4	4.2
12:30	2.3	78.4	3.1	72.4	3.2	77.6	3.1	83.0	3.8



## Daily Summary Report

Site: ORNL Sodar

10/18/2018

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	9.6	3.4	3.5						
00:15	6.3	5.7	1.3						
00:30	3.6	5.9	2.8						
00:45	4.2	3.0	15.0						
01:00	15.1	.1	25.9	.2	55.3				
01:15	4.3	2.2	3.6	.4	45.0				
01:30	4.6	1.1	9.7	.5	35.0				
01:45	19.8	.3	63.3	.5	26.9				
02:00	11.1	2.1	12.4	.7	35.0				
02:15	9.6	6.8	4.9	.5	70.0				
02:30	11.0	4.5	5.2	.4	100.0				
02:45	16.8	1.2	39.9	.4	137.8	.8	32.5		
03:00	28.5	4.0	26.3	1.2	44.0	3.8	86.0		
03:15	30.4	7.3	12.6	3.0	40.0	6.0	80.0		
03:30	27.3	9.7	14.3	7.0	33.0	8.0	70.0		
03:45	27.6	11.8	21.3	11.1	20.0	10.0	60.0		
04:00	27.5	11.9	24.4	13.8	24.2	11.0	50.0		
04:15	26.7	11.7	26.6	13.7	30.5	13.2	43.2		
04:30	24.8	12.5	26.0	12.7	36.2	13.5	41.0		
04:45	24.4	11.7	27.7	12.3	33.1	14.0	41.0		
05:00	28.3	11.0	29.1	12.7	32.7	14.5	41.0		
05:15	32.3	11.0	29.3	12.3	36.9	14.5	41.0		
05:30	33.8	10.8	30.8	12.0	33.0	15.0	41.0		
05:45	36.5	11.4	36.1	13.0	37.0	15.0	41.0		
06:00	41.3	13.1	38.9	14.0	41.0	15.5	41.0		
06:15	43.1	14.2	43.1	14.1	45.6	16.0	41.0		
06:30	42.6	12.0	49.8	13.7	51.3	16.0	41.0		
06:45	42.7	12.0	50.0	13.5	52.0	16.5	41.0		
07:00	42.1	13.5	44.6	13.3	53.0	16.5	41.0		
07:15	43.5	12.3	48.1	13.0	54.0	17.0	41.0		
07:30	43.8	11.9	47.8	12.8	55.0	17.5	41.0		
07:45	43.4	12.4	46.7	12.5	56.0	18.0	41.0		
08:00	44.6	12.5	46.9	12.3	56.7	18.0	41.0		
08:15	42.5	12.2	46.7	12.7	56.3	18.3	39.3		
08:30	40.4	10.5	46.3	12.9	53.0	16.2	44.8		
08:45	44.9	9.6	47.2	12.9	50.2	14.2	47.5		
09:00	47.2	9.7	48.4	12.5	53.5	13.6	46.2		
09:15	46.7	9.5	45.5	11.6	53.8	14.5	51.6		
09:30	54.5	9.5	46.2	10.9	56.0	13.8	52.4		
09:45	45.6	9.3	51.1	10.6	58.7	11.7	55.2		
10:00	38.3	8.1	49.1	9.7	57.6	11.3	53.9	11.6	56.0
10:15	50.3	7.0	47.0	8.6	55.2	9.9	56.0	11.5	55.0
10:30	58.6	5.7	51.9	7.5	51.5	8.2	59.4	9.5	60.6
10:45	51.4	5.0	54.3	6.7	53.5	7.9	58.9	8.6	61.6
11:00	64.6	4.7	70.1	5.6	75.5	7.1	66.5	7.7	59.8
11:15	76.7	4.1	77.9	5.1	74.4	6.1	74.2	6.8	61.0
11:30	52.1	3.5	44.3	5.5	53.3	5.7	65.7	6.0	70.4
11:45	46.9	3.8	35.7	5.1	52.2	5.5	57.0	5.7	62.0
12:00	52.6	4.8	51.3	5.7	62.7	5.7	53.0	5.8	54.0
12:15	62.6	5.4	61.3	5.8	74.8	5.9	63.0	6.0	58.0
12:30	76.8	3.6	74.0	4.4	87.4	4.5	64.0	5.3	57.0



## Daily Summary Report

Site: ORNL Sodar

10/18/2018

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						
00:15						
00:30						
00:45						
01:00						
01:15						
01:30						
01:45						
02:00						
02:15						
02:30						
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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	9.0	71.1				
11:15	7.7	73.1				
11:30	6.4	73.3				
11:45	6.7	65.0				
12:00	6.9	63.5	8.1	57.3		
12:15	6.6	58.7	8.4	60.2		
12:30	6.5	47.1				

	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						
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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	7.1	64.5	8.3	58.8		
Max	9.0	73.3	8.4	60.2		
Hr. of Max	44	46	49	49		
Min	6.4	47.1	8.1	57.3		
Count	7	7	2	2	0	0
Total						