

## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

1/17/2020

Interval: 015m

	03_WS060m	04_WD060m	05_WS100m	06_WD100m	07_WS140m	08_WD140m	09_WS180m	10_WD180m	11_WS240m
Time	M/SEC	DEG	M/SEC	DEGC	M/SEC	DEGC	M/SEC	DEGC	M/SEC
00:00	1.8	25.0	3.5	39.0	4.6	44.0	6.0	40.0	6.8
00:15	2.1	28.2	4.2	43.2	5.6	39.5	7.2	37.4	8.3
00:30	2.3	317.3	3.3	47.7	5.2	43.0	6.9	38.4	8.7
00:45	3.8	309.3	3.5	32.3	5.9	35.4	7.9	32.0	9.6
01:00	1.8	23.8	3.5	30.7	6.3	30.6	7.8	32.8	9.5
01:15	2.0	37.4	3.6	36.9	6.2	34.2	7.6	35.3	9.4
01:30	3.0	38.7	4.3	39.8	6.7	34.8	8.5	34.9	10.3
01:45	3.5	35.8	5.2	37.0	6.9	32.5	8.8	33.5	10.9
02:00	3.4	47.1	6.3	25.6	7.9	28.7	10.0	29.3	12.2
02:15	2.7	45.0	8.1	27.0	8.6	27.3	10.5	28.3	12.8
02:30	1.9	43.5	5.4	30.5	7.3	29.1	8.7	33.1	11.1
02:45	1.4	26.8	2.7	50.3	5.4	36.9	7.2	36.9	9.4
03:00	.9	33.1	2.3	44.3	5.1	41.4	7.3	37.0	8.9
03:15	.7	60.0	2.5	46.3	5.4	38.0	7.2	36.9	8.8
03:30	.6	73.9	2.5	51.0	5.4	40.9	6.8	38.9	9.1
03:45	.6	84.9	1.9	55.1	4.3	49.8	5.9	42.6	8.0
04:00	1.5	89.7	2.0	72.1	3.9	62.1	5.3	51.1	6.9
04:15	1.9	82.7	2.6	60.8	4.8	61.7	6.1	53.1	7.4
04:30	2.6	73.3	3.3	51.1	5.5	55.5	6.6	49.6	8.1
04:45	2.6	65.5	3.7	55.2	5.5	53.1	7.0	46.8	8.6
05:00	1.8	67.3	4.1	61.6	5.7	51.5	7.1	45.6	9.0
05:15	2.1	75.3	4.0	68.7	6.2	57.6	7.4	52.9	9.3
05:30	2.2	81.5	4.2	67.1	7.0	59.8	8.4	56.1	9.6
05:45	2.5	58.5	4.7	59.3	7.3	55.4	8.8	53.8	9.8
06:00	2.3	59.6	4.2	50.6	6.7	56.7	8.8	52.8	9.7
06:15	1.2	75.3	3.1	55.9	5.5	60.1	7.7	55.5	8.3
06:30	.2	119.0	1.6	75.4	4.6	62.3	6.4	62.9	7.7
06:45	.3	115.3	1.4	76.8	4.6	64.7	6.3	65.7	8.7
07:00	.8	103.5	2.4	72.3	4.7	67.0	6.6	67.8	9.0
07:15	.5	120.4	3.7	71.5	5.3	63.9	7.2	59.5	9.5
07:30	.4	112.0	3.5	70.2	6.2	63.2	7.7	57.6	9.4
07:45	.3	120.5	2.6	75.5	5.7	61.5	7.1	60.6	9.0
08:00	.5	122.5	2.2	65.5	5.3	53.3	6.7	55.2	9.3
08:15	1.0	124.0	3.1	51.5	6.0	46.7	7.8	48.1	9.8
08:30	1.2	129.3	2.8	58.5	5.7	49.7	7.7	50.1	9.3
08:45	1.3	102.4	1.6	60.8	5.2	56.6	6.9	53.7	9.3
09:00	2.4	96.2	1.7	72.4	5.0	60.5	6.7	53.2	8.6
09:15	1.0	84.9	2.5	62.1	5.1	53.9	7.2	48.1	8.4
09:30	1.4	81.1	3.2	52.0	6.3	50.9	8.5	47.9	9.6
09:45	1.3	82.6	3.1	73.4	6.4	55.1	8.3	49.3	9.2
10:00	1.3	79.0	3.0	81.1	4.6	69.0	5.4	66.4	7.5
10:15	1.3	78.1	3.7	79.3	4.8	74.2	5.5	71.2	7.4
10:30	4.7	85.4	5.2	73.8	6.0	69.5	6.6	67.7	7.6
10:45	6.1	86.2	5.2	69.3	6.6	72.4	7.4	74.0	7.5
11:00	6.2	86.9	4.2	72.1	5.8	78.3	6.7	80.1	7.3
11:15	5.5	87.0	3.0	67.3	4.4	75.0	5.1	76.2	6.5
11:30	6.5	86.3	3.4	68.2	4.2	70.7	4.8	73.8	6.0
11:45	6.3	86.0	4.5	77.6	4.6	75.7	5.4	76.8	6.1
12:00	6.0	87.3	5.3	78.9	5.4	77.6	5.9	76.0	6.1
12:15	5.2	85.6	5.5	77.4	5.5	74.9	5.7	74.0	6.1
12:30	5.3	84.9	5.2	79.2	5.5	73.4	5.8	75.1	7.0



## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

1/17/2020

Interval: 015m

	12_WD240m	13_WS300m	14_WD300m	15_WS400m	16_WD400m	17_WS500m	18_WD500m	19_WS600m	20_WD600m
Time	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	35.0	6.8	31.0	7.0	18.0				
00:15	34.0	8.2	25.7	8.1	25.5				
00:30	35.0	9.1	28.8	10.6	32.5				
00:45	32.2	10.1	27.4	11.6	36.4				
01:00	33.8	10.2	30.4	10.3	29.4				
01:15	33.1	10.2	29.1	9.3	27.3	11.7	43.2	12.9	46.4
01:30	32.9	11.4	28.4	9.5	27.4	11.5	40.7	12.8	49.6
01:45	32.6	12.5	30.5	10.8	29.6	11.5	38.6	12.2	49.1
02:00	29.9	13.9	30.0	12.7	29.0	12.3	38.5	12.6	48.0
02:15	27.9	14.5	28.6	13.1	28.0	13.2	37.3	13.1	46.0
02:30	31.4	12.9	31.2	13.2	33.4	12.8	39.5	13.6	44.7
02:45	37.3	11.4	35.2	13.7	38.1	12.6	42.1	13.5	47.8
03:00	37.3	10.5	37.7	13.5	39.7	12.7	42.5	13.2	49.9
03:15	38.2	10.3	38.2	13.1	40.9	12.7	41.5	12.3	51.0
03:30	37.7	10.0	39.7	13.0	41.2	12.9	42.8	12.3	53.0
03:45	37.8	9.3	39.9	12.6	42.5	13.1	44.9	12.5	57.4
04:00	43.8	8.3	41.1	11.7	43.2	12.8	43.6	12.7	49.7
04:15	44.6	8.5	43.8	11.4	43.2	12.6	41.1	12.8	43.4
04:30	46.0	9.5	46.1	11.9	44.2	12.7	42.4	12.4	48.4
04:45	46.3	10.2	45.0	12.9	45.3	12.2	44.9	13.6	48.7
05:00	45.3	10.5	43.9	13.9	46.0	11.9	51.7	13.8	48.0
05:15	48.3	10.9	47.1	14.3	48.0	13.3	54.0	14.0	48.6
05:30	50.6	11.7	49.8	14.5	50.8	13.8	55.2	14.3	56.7
05:45	51.0	11.6	50.2	14.5	53.2	13.1	58.1	14.0	55.0
06:00	50.8	11.0	48.9	13.5	53.3	12.3	52.6	13.6	54.0
06:15	53.5	9.7	51.3	11.8	54.5	13.0	51.0	13.2	52.0
06:30	54.2	9.2	56.1	11.7	52.9	13.1	48.2	12.5	51.0
06:45	59.1	9.5	56.9	12.8	53.7	12.6	53.8	11.7	49.1
07:00	61.8	9.5	54.3	13.1	58.9	14.9	57.5	11.8	49.0
07:15	53.8	10.5	51.5	12.7	57.2	14.7	56.2	12.0	48.0
07:30	51.9	11.3	52.3	12.9	55.2	14.0	55.2	12.3	48.0
07:45	55.2	10.7	52.4	12.7	56.4	12.5	54.8	12.5	48.0
08:00	51.0	10.7	48.1	12.1	58.1	10.9	52.6	12.8	46.0
08:15	47.8	11.1	48.7	12.5	59.7	12.1	57.0	12.9	46.0
08:30	50.1	10.9	52.6	13.1	61.1	13.5	61.4	13.0	45.0
08:45	46.7	10.3	52.3	13.0	59.8	13.5	61.8	13.2	45.0
09:00	48.2	10.0	51.3	12.9	59.9	13.8	60.7	13.3	45.0
09:15	50.5	10.6	50.3	12.6	60.2	14.0	59.4	13.5	45.0
09:30	47.3	10.7	48.8	12.0	57.7	14.3	62.1	13.6	44.2
09:45	47.6	10.3	50.3	11.5	56.5	14.1	63.8	15.3	53.1
10:00	57.7	9.0	55.8	10.9	56.2	13.0	62.6	16.2	52.9
10:15	60.7	8.1	59.2	10.1	55.7	11.7	61.6	14.9	58.1
10:30	56.6	8.2	60.0	9.4	57.3	10.5	62.7	13.9	63.9
10:45	60.7	8.1	59.5	8.7	64.8	10.1	64.8	13.1	68.7
11:00	71.7	8.0	65.2	8.7	66.9	10.2	68.3	12.6	72.1
11:15	74.6	7.3	65.6	8.5	58.6	9.5	67.9	11.8	70.7
11:30	70.2	7.0	62.1	7.4	57.7	8.5	65.2	11.4	70.2
11:45	73.5	6.8	69.5	6.2	64.1	9.4	65.2	10.7	70.9
12:00	74.3	6.0	68.6	7.3	72.0	9.7	62.0	10.5	77.2
12:15	75.5	5.9	66.1	8.2	81.9	8.1	74.1	9.9	80.0
12:30	77.6	6.8	68.4	9.0	71.2	8.2	64.3	9.1	77.1



## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

1/17/2020

Interval: 015m

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	M/SEC	DEGC	M/SEC	DEG
00:00				
00:15				
00:30				
00:45				
01:00				
01:15	14.1	47.5	15.2	45.5
01:30	14.6	47.2	16.0	49.0
01:45	14.9	47.7	16.0	48.0
02:00	14.8	48.0	16.0	47.0
02:15	14.6	47.0	16.0	46.0
02:30	14.4	46.0	16.0	45.0
02:45	14.2	44.8	15.9	44.0
03:00	13.9	51.3	15.9	42.3
03:15	13.1	50.8	13.8	49.4
03:30	13.1	46.6	13.7	48.0
03:45	14.0	49.5	13.5	47.5
04:00	12.6	42.8		
04:15	11.1	45.9		
04:30	13.0	45.0		
04:45	14.5	44.5		
05:00	14.5	44.0		
05:15	14.5	44.0		
05:30	14.6	44.0		
05:45	14.6	44.0		
06:00	14.6	45.0		
06:15	14.6	45.0		
06:30	14.6	45.0		
06:45	14.6	45.0		
07:00	14.6	45.0		
07:15	14.5	46.0		
07:30	14.5	46.0		
07:45	14.5	46.0		
08:00	14.5	46.0		
08:15	14.5	48.0		
08:30	14.6	48.0		
08:45	14.6	48.0		
09:00	14.6	48.0		
09:15	14.6	49.0		
09:30	14.6	49.0		
09:45	14.7	49.6		
10:00	16.3	44.6	17.1	45.5
10:15	16.5	48.7	16.3	50.0
10:30	15.6	51.6	15.5	55.0
10:45	15.0	55.0	14.8	60.0
11:00	14.6	59.0	14.2	64.0
11:15	14.0	63.0	13.6	68.0
11:30	13.6	73.0	13.0	73.0
11:45	13.2	79.1	12.0	76.0
12:00	10.6	75.7	11.0	78.0
12:15	10.6	79.0	10.0	80.0
12:30	10.5	85.4	9.3	82.1

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	M/SEC	DEGC	M/SEC	DEG
12:45	10.1	83.4		
13:00	10.8	76.0		
13:15	11.6	70.7		
13:30	10.3	78.0		
13:45	9.5	83.0		
14:00	8.7	88.8		
14:15	9.5	89.1		
14:30	8.4	90.5		
14:45	7.3	94.6		
15:00	7.2	95.0		
15:15	7.2	96.0		
15:30	7.2	98.0		
15:45	7.2	99.0		
16:00	7.2	100.0		
16:15	7.1	101.0		
16:30	7.1	102.0		
16:45	7.2	103.0		
17:00	7.1	104.1		
17:15	6.7	99.2		
17:30				
17:45				
18:00				
18:15				
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				
<b>Avg</b>	12.4	63.0	14.3	56.5
<b>Max</b>	16.5	104.1	17.1	82.1
<b>Max Time</b>	10:15	17:00	10:00	12:30
<b>Min</b>	6.7	42.8	9.3	42.3
<b>Count</b>	65	65	22	22
<b>Total</b>				