

## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

5/20/2020

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	1.5	63.0	2.6	40.0	3.5	43.0	4.7	42.0	6.1
00:15	.9	64.1	2.7	39.7	3.5	46.8	4.9	41.9	6.8
00:30	1.1	65.0	2.9	44.2	3.9	47.2	5.5	43.4	6.9
00:45	3.6	87.8	3.2	51.1	4.7	51.4	6.0	47.1	7.9
01:00	.7	76.1	3.0	55.6	5.1	59.9	6.4	57.1	8.4
01:15	1.1	105.0	2.3	57.9	4.7	59.4	6.6	53.3	7.5
01:30	1.0	101.2	2.5	47.6	5.4	44.0	7.7	42.2	8.3
01:45	.5	124.0	3.9	36.3	6.5	45.0	8.5	51.6	9.9
02:00	1.1	241.6	1.7	46.0	6.0	60.0	7.0	68.0	9.4
02:15	1.2	250.8	1.9	57.3	5.6	77.3	5.1	85.8	8.1
02:30	1.0	261.1	2.2	61.2	5.2	62.0	5.6	61.7	8.1
02:45	1.0	70.9	2.8	53.5	5.1	55.6	6.3	56.4	8.2
03:00	3.0	72.2	3.6	60.7	5.8	56.6	7.2	56.2	8.5
03:15	2.2	50.8	3.3	64.6	5.5	53.5	6.9	50.4	8.2
03:30	2.0	58.4	3.1	48.2	4.9	51.4	5.9	47.0	7.5
03:45	.8	86.3	2.7	70.0	5.2	54.6	6.2	55.6	6.7
04:00	.2	112.8	2.2	349.7	6.2	38.3	8.3	52.2	10.1
04:15	2.0	7.8	2.9	32.0	7.0	36.3	8.4	41.3	9.7
04:30	2.4	39.2	3.8	39.4	6.5	40.0	8.0	41.0	9.4
04:45	2.2	53.5	3.5	42.7	5.7	43.8	7.2	43.7	9.3
05:00	1.7	57.9	2.4	52.3	4.6	48.0	6.0	45.1	8.1
05:15	1.4	55.6	2.0	55.7	3.9	47.9	5.4	42.5	7.6
05:30	1.9	59.0	2.4	49.8	4.6	38.7	6.2	41.2	7.9
05:45	1.1	45.9	3.1	33.8	5.6	32.5	7.1	36.8	8.3
06:00	.9	64.9	3.1	33.8	5.6	32.3	7.3	34.0	8.5
06:15	1.3	53.0	2.7	50.6	5.3	41.9	7.0	41.4	8.1
06:30	1.7	76.4	2.4	68.9	4.8	57.0	6.8	55.0	8.3
06:45	.9	78.4	1.5	85.6	3.8	66.0	6.4	65.7	8.1
07:00	.4	125.9	1.9	84.2	3.9	61.1	6.1	63.9	7.4
07:15	1.2	80.4	3.0	73.4	5.8	56.6	7.5	57.1	9.0
07:30	2.7	82.4	3.9	68.4	7.0	58.5	8.6	56.8	10.1
07:45	3.9	79.2	3.8	75.4	6.5	64.3	8.2	59.9	10.0
08:00	3.7	82.0	3.7	75.9	5.7	63.3	7.4	60.0	9.4
08:15	3.4	85.0	3.1	72.2	4.6	62.7	5.9	62.9	8.0
08:30	3.1	88.2	2.7	72.5	4.1	73.9	5.3	70.4	7.0
08:45	1.6	89.1	2.8	69.3	3.9	73.7	5.1	75.5	6.4
09:00	.8	89.9	2.1	65.0	3.5	64.1	4.5	73.2	5.4
09:15	.6	83.1	1.7	74.6	3.1	70.1	4.2	76.6	5.6
09:30	.6	97.2	1.7	78.4	3.0	77.4	4.8	83.6	6.4
09:45	.4	95.2	1.3	75.5	2.3	77.1	3.6	82.0	4.8
10:00	.4	68.9	.9	67.9	2.0	75.9	2.7	75.8	4.1
10:15	.3	44.2	.7	78.4	1.4	71.9	1.8	72.7	3.0
10:30	.3	80.5	.8	81.7	.8	64.4	.8	67.7	1.4
10:45	.4	85.4	.7	57.2	1.1	61.8	1.1	67.2	1.3
11:00	.3	72.6	.7	49.0	1.3	59.6	1.2	59.7	1.5
11:15	.2	97.3	.6	49.4	1.1	60.1	1.2	60.5	1.6
11:30	.6	85.5	1.2	59.2	1.7	70.7	1.9	77.2	1.7
11:45	1.3	86.9	2.3	66.1	2.6	67.6	2.6	76.8	2.9
12:00	2.7	89.8	2.5	69.3	3.3	69.3	3.6	73.1	4.2
12:15	3.1	88.4	3.5	63.3	3.9	65.5	4.6	61.5	4.8
12:30	1.6	85.8	3.8	56.4	3.9	58.6	4.2	57.2	4.6



## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

5/20/2020

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	45.0	7.7	44.0	12.5	40.0	12.2	39.0	14.2	43.0
00:15	43.9	8.7	43.7	13.3	40.3	12.8	39.9	14.4	44.1
00:30	45.8	8.6	43.9	13.7	44.0	12.1	38.9	13.3	40.7
00:45	49.6	9.6	45.4	11.7	44.1	12.5	38.5	12.7	42.9
01:00	53.4	10.5	48.4	11.8	46.3	12.6	42.7	12.9	46.2
01:15	49.4	9.4	52.2	12.5	49.3	12.8	44.5	12.0	45.0
01:30	46.5	10.1	48.0	12.8	47.3	12.6	43.0	11.3	42.0
01:45	53.1	12.0	43.0	13.3	48.2	12.4	42.2	10.8	40.6
02:00	76.6	12.2	53.1	13.0	49.0	12.0	47.0	10.6	45.6
02:15	63.5	9.1	65.0	12.5	50.0	11.0	51.0	10.0	51.0
02:30	50.3	8.3	54.8	12.0	51.0	10.5	51.0	9.0	51.0
02:45	49.8	8.8	53.4	12.0	52.9	9.8	51.8	7.9	54.4
03:00	53.7	9.7	53.8	11.1	55.6	10.4	51.7	7.9	57.9
03:15	52.8	10.2	51.7	12.1	50.0	14.1	43.6	8.1	75.0
03:30	49.4	10.4	44.2	13.1	46.4	14.4	51.1	8.3	57.0
03:45	61.4	10.5	46.0	12.5	48.0	13.5	55.0	8.5	59.0
04:00	43.2	10.6	48.0	12.0	50.0	13.0	58.0	8.7	59.0
04:15	47.3	10.6	49.5	11.2	52.9	9.8	62.0	8.9	59.8
04:30	47.6	10.5	53.0	10.1	57.0	8.9	71.8	7.2	86.9
04:45	47.5	10.5	53.5	10.1	58.5	8.4	73.4	6.3	97.1
05:00	47.9	9.7	49.8	10.7	53.0	8.1	72.8	5.9	90.3
05:15	45.3	9.1	48.3	10.5	53.8	8.5	74.6	7.0	81.2
05:30	43.3	9.1	50.2	10.7	56.0	9.2	69.9	8.2	71.1
05:45	40.6	9.0	43.8	11.2	53.4	10.4	56.3	10.5	54.4
06:00	41.5	8.5	43.8	9.7	53.1	9.4	63.0	10.0	60.0
06:15	50.5	8.6	57.8	8.4	65.6	8.4	69.0	9.0	80.0
06:30	62.3	9.3	65.6	9.0	74.2	7.5	85.5	7.7	96.2
06:45	63.7	9.4	62.9	10.0	77.2	9.1	91.9	10.0	98.0
07:00	58.4	8.3	62.0	9.0	76.7	7.5	91.0	9.0	100.0
07:15	58.5	9.1	69.8	8.9	80.7	6.6	88.0	8.0	103.0
07:30	62.1	10.5	70.9	9.7	80.7	6.8	92.8	7.0	105.0
07:45	62.0	11.0	65.9	9.9	77.3	7.3	92.4	5.7	108.0
08:00	60.5	10.3	64.4	9.4	75.2	7.3	92.7	4.9	115.4
08:15	59.9	9.2	62.9	9.0	73.1	7.4	94.1	5.4	126.4
08:30	66.5	8.5	61.3	8.9	72.6	8.6	91.9	7.3	131.2
08:45	74.7	7.4	69.1	8.5	79.2	8.5	94.2	7.2	127.2
09:00	71.9	6.7	66.2	7.7	80.3	7.3	103.9	7.3	134.5
09:15	72.0	7.0	58.7	7.5	72.2	6.9	94.7	7.5	123.8
09:30	80.4	7.3	66.3	7.8	69.8	7.5	87.6	7.8	121.4
09:45	80.3	6.6	70.2	7.4	72.7	7.4	92.1	6.9	127.6
10:00	79.1	6.0	67.3	7.8	66.1	7.2	93.9	6.2	125.6
10:15	78.1	5.4	73.1	7.0	63.2	6.9	92.0	5.9	124.0
10:30	67.2	3.9	65.9	5.9	64.2	6.5	84.3	5.7	117.9
10:45	69.8	3.6	60.9	6.1	59.9	5.8	73.1	6.9	118.2
11:00	48.3	4.8	41.4	7.1	57.4	5.0	64.6	4.9	90.3
11:15	28.7	4.3	19.3	5.4	45.3	4.3	62.8	3.3	96.9
11:30	72.0	2.5	45.3	5.1	43.2	4.7	55.6	3.8	94.0
11:45	70.7	3.7	64.3	6.4	49.5	4.9	61.0	4.3	92.0
12:00	62.5	4.7	63.1	6.3	59.7	4.9	73.3	4.7	90.2
12:15	63.0	5.4	60.4	6.6	61.2	5.1	79.1	4.9	80.0
12:30	65.2	6.2	52.8	7.0	55.3	5.3	68.7	5.0	68.0

	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
12:45	64.9	5.8	51.7	7.2	48.5	6.0	55.5	5.2	56.7
13:00	63.8	5.3	53.5	8.5	41.3	6.4	49.7	5.1	60.3
13:15	62.3	5.2	59.9	7.3	45.0	7.3	37.6	5.0	58.1
13:30	60.5	5.0	58.6	6.2	50.2	7.8	42.7	6.6	44.6
13:45	53.1	6.5	36.3	9.1	34.2	7.5	48.5	8.3	37.7
14:00	54.3	5.1	41.1	9.4	32.3	8.1	41.7	7.7	43.0
14:15	68.4	4.5	60.4	6.3	60.2	6.2	59.5	7.1	48.3
14:30	65.7	4.5	56.3	7.0	51.4	6.1	62.7	6.6	59.0
14:45	46.0	4.7	40.9	6.3	43.3	6.3	55.2	6.9	60.7
15:00	41.1	4.9	41.9	4.8	47.5	5.6	60.5	6.6	70.8
15:15	40.2	4.3	46.2	5.8	48.5	6.2	60.0	6.5	72.0
15:30	44.9	4.1	46.0	8.7	41.7				
15:45	55.3	5.2	52.1	8.2	45.0				
16:00	69.3	5.7	64.3	7.5	48.0				
16:15	71.4	4.7	62.7	6.7	55.1				
16:30	66.9	4.5	62.8	6.1	58.8				
16:45	73.5	4.6	71.9	5.9	70.1				
17:00	75.1	4.4	73.2	5.3	77.5				
17:15	75.3	5.7	63.6						
17:30	75.8	5.8	59.7						
17:45	77.0	4.8	68.0						
18:00	79.0	3.3	72.4						
18:15	80.5	6.3	79.6						
18:30	76.1	9.0	63.4						
18:45	72.4	7.1	54.6						
19:00	83.7	5.0	58.0						
19:15	78.8	2.7	62.0						
19:30	82.0	5.3	73.6						
19:45	78.4	8.3	60.0						
20:00	67.7	11.3	41.8						
20:15	78.0	10.6	55.6						
20:30	79.0	8.1	72.2						
20:45	76.3	8.2	74.4	13.2	45.7				
21:00	76.4	8.8	76.7	11.6	45.9	14.6	39.6	13.2	45.7
21:15	77.4	8.4	79.9	11.8	47.0	14.0	42.0	12.9	44.0
21:30	75.6	8.3	67.5	11.9	49.5	13.5	45.7	12.5	43.7
21:45	71.6	9.7	55.1	12.0	48.8	13.0	48.0	11.7	44.3
22:00	69.1	10.3	57.4	11.7	49.9	12.6	52.3	11.7	44.0
22:15	71.4	8.0	60.8	10.7	48.4	11.0	50.0	9.9	51.8
22:30	64.9	6.0	67.1	10.8	46.8	10.8	54.0	8.8	59.7
22:45	65.8	8.3	79.4	10.3	55.8	9.5	61.0	8.8	66.4
23:00	65.6	8.6	76.8	10.3	62.5	9.0	70.0	7.9	78.5
23:15	50.3	6.3	70.8	11.1	62.4	9.0	70.0	7.7	77.5
23:30	67.4	5.6	80.2	10.2	64.2	9.5	66.0	8.6	68.4
23:45	77.8	7.2	82.3	9.3	62.3	8.8	65.0	8.5	68.0
Avg	62.6	7.4	58.4	9.4	56.0	9.0	64.1	8.2	75.0
Max	83.7	12.2	82.3	13.7	80.7	14.6	103.9	14.4	134.5
Max Time	19:00	02:00	23:45	00:30	07:30	21:00	09:00	00:15	09:00
Min	28.7	2.5	19.3	4.8	32.3	4.3	37.6	3.3	37.7
Count	96	96	96	82	82	74	74	74	74
Total									

Date Printed: 5/21/2020 07:50

## Daily Summary Report

Site: Sodar "DS" (ORNL Sodar)

5/20/2020

Interval: 015m

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	M/SEC	DEGC	M/SEC	DEG
00:00				
00:15	13.4	38.8		
00:30	13.3	41.0		
00:45	13.3	44.9	14.1	43.4
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	11.3	48.5		
06:15				
06:30				
06:45				
07:00				
07:15				
07:30				
07:45				
08:00				
08:15	8.9	148.3		
08:30	8.0	147.6		
08:45	6.8	150.2		
09:00	8.6	152.0		
09:15	11.6	134.9		
09:30	10.0	138.0		
09:45	8.4	143.9		
10:00	10.6	141.5		
10:15	10.5	140.2		
10:30	8.8	139.2		
10:45	12.0	143.5		
11:00	11.7	145.5		
11:15				
11:30				
11:45				
12:00				
12:15				
12:30				

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	M/SEC	DEGC	M/SEC	DEG
12:45				
13:00				
13:15				
13:30				
13:45	11.1	37.1		
14:00	11.3	43.4		
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				
18:15				
18:30				
18:45				
19:00				
19:15				
19:30				
19:45				
20:00				
20:15				
20:30				
20:45				
21:00	12.9	46.1		
21:15	12.7	43.0		
21:30	12.4	40.7		
21:45	11.7	46.0		
22:00	11.0	51.3		
22:15	10.1	59.3		
22:30	9.2	62.2		
22:45	9.1	66.0		
23:00	9.0	70.0		
23:15	9.0	75.0		
23:30	8.9	80.0		
23:45	8.8	84.0		
Avg	10.5	90.1	14.1	43.4
Max	13.4	152.0	14.1	43.4
Max Time	00:15	09:00	00:45	00:45
Min	6.8	37.1	14.1	43.4
Count	30	30	1	1
Total				