

## Daily Summary Report

Site: ORNL Sodar

6/11/2019

Interval: 015m

	04_WS060m	05_WDir060m	06_WS100m	07_WDir100m	08_WS140m	09_WDir140m	10_WS180m	11_WDir180m	12_WS240m
Time	M/SEC	DEG	M/SEC	DEG	KPH	DEG	M/SEC	DEG	M/SEC
00:00	2.5	10.9	4.9	8.2	5.9	13.3	7.5	11.2	9.9
00:15	.9	48.7	2.7	17.4	4.8	22.5	6.6	14.6	9.6
00:30	.7	72.3	2.2	27.2	3.9	25.6	5.7	15.4	8.0
00:45	1.1	33.1	3.6	20.6	4.9	15.6	6.7	11.8	8.2
01:00	1.6	12.7	4.4	16.2	6.0	11.8	7.5	11.2	8.8
01:15	2.8	1.4	4.7	18.0	6.3	12.9	7.8	10.7	8.9
01:30	4.7	5.1	5.0	20.5	7.4	15.4	8.5	12.9	9.4
01:45	2.6	16.7	4.2	25.1	6.4	18.2	7.5	16.6	8.8
02:00	2.0	25.7	4.1	31.3	5.3	24.2	6.5	20.8	7.8
02:15	2.0	22.0	4.4	31.0	5.1	28.8	6.2	24.2	7.4
02:30	1.7	33.5	4.3	30.6	5.4	28.9	6.5	23.4	7.4
02:45	2.5	15.0	4.2	34.8	5.8	30.7	7.0	25.1	7.9
03:00	2.6	22.6	4.6	32.6	6.3	30.2	7.8	26.2	9.2
03:15	4.5	17.0	4.4	34.4	6.6	28.4	8.2	26.5	9.9
03:30	2.1	35.4	4.1	42.6	5.7	31.5	7.4	27.7	8.9
03:45	2.8	25.4	4.3	40.1	5.7	32.8	7.1	27.9	8.2
04:00	2.9	23.2	4.8	35.4	6.3	34.6	7.7	29.5	9.0
04:15	4.2	19.0	5.3	27.6	7.3	31.1	8.8	27.3	10.3
04:30	4.3	18.0	4.8	27.7	8.0	28.4	9.5	25.7	10.8
04:45	3.4	22.0	4.7	31.6	7.2	29.1	8.9	26.1	10.4
05:00	2.8	27.3	4.6	30.8	6.1	28.2	7.6	25.9	9.0
05:15	1.9	25.8	3.6	34.2	5.3	31.5	6.8	28.9	8.2
05:30	1.9	31.1	3.7	33.6	5.2	32.8	6.9	32.6	8.9
05:45	3.5	16.2	4.3	27.1	5.9	28.5	7.5	29.0	9.6
06:00	4.4	10.0	4.6	22.3	6.5	27.3	8.1	27.5	10.9
06:15	3.7	16.0	5.1	28.0	6.8	29.3	8.2	29.9	11.1
06:30	4.3	18.6	5.1	34.5	6.9	32.1	8.5	32.2	10.6
06:45	3.9	22.6	5.3	35.6	6.9	32.6	8.7	32.2	10.8
07:00	3.3	28.2	5.4	39.1	6.7	31.4	8.7	32.3	11.3
07:15	3.3	25.4	5.1	38.8	6.5	32.2	8.6	32.9	11.2
07:30	1.7	33.6	4.6	31.5	6.5	31.0	8.6	31.7	11.0
07:45	.6	34.5	3.3	39.4	5.8	31.9	8.0	32.3	11.1
08:00	.2	24.2	2.3	42.3	4.7	33.9	7.3	30.6	10.3
08:15	.1	31.3	1.8	40.3	3.2	39.4	5.9	32.2	8.1
08:30	.0	352.4	2.0	50.0	2.3	47.7	3.7	46.3	6.2
08:45	.3	50.4	2.8	44.0	2.8	46.0	3.5	55.7	6.4
09:00	1.3	69.0	4.0	47.0	3.9	46.2	4.4	52.2	7.1
09:15	2.4	70.4	4.9	56.4	5.5	46.9	6.1	45.7	7.9
09:30	3.0	62.1	5.3	51.2	6.1	47.6	6.3	39.5	7.2
09:45	3.4	57.7	4.9	45.1	6.0	46.5	6.4	39.9	7.0
10:00	3.6	75.5	4.8	64.0	5.8	61.9	6.7	64.2	6.6
10:15	4.3	79.5	6.3	70.4	6.9	71.9	7.0	69.4	7.6
10:30	3.9	69.4	5.9	65.3	6.6	64.9	6.7	61.2	8.2
10:45	4.2	50.2	5.2	54.2	6.0	50.1	6.8	47.9	7.7
11:00	3.8	52.4	5.3	52.2	5.6	48.0	5.7	45.4	6.7
11:15	3.9	71.1	4.9	55.1	5.5	50.5	6.1	49.1	7.2
11:30	5.6	64.3	4.7	50.3	5.9	49.3	7.2	46.4	7.8
11:45	5.0	57.7	5.0	46.5	6.1	50.3	7.0	43.5	7.6
12:00	3.6	57.4	4.4	34.4	5.7	49.2	5.8	40.2	6.0
12:15	4.7	55.2	4.8	35.6	5.3	44.3	5.7	39.4	5.8
12:30	5.6	60.2	6.5	56.0	6.2	56.3	6.5	53.6	7.1



## Daily Summary Report

Site: ORNL Sodar

6/11/2019

Interval: 015m

	13_WDir240m	14_WS300m	15_WDir300m	16_WS400m	17_WDir400m	18_WS500m	19_WDir500m	20_WS600m	21_WDir600m
Time	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	8.8	10.7	11.7	11.0	14.0	13.2	22.0	13.6	43.0
00:15	9.9	10.1	13.6	11.7	17.2	13.8	21.0	13.7	43.0
00:30	9.7	8.9	10.0	10.6	13.5	14.1	16.1	13.8	43.0
00:45	8.8	9.8	6.8	11.3	9.3	12.5	14.0	13.9	43.0
01:00	9.2	10.2	5.4	11.5	14.7	12.5	15.0	14.0	43.0
01:15	8.9	9.9	6.1	10.8	10.7	12.5	16.0	14.1	43.0
01:30	9.4	10.6	7.7	11.0	11.0	12.5	17.0	14.2	43.0
01:45	11.8	9.7	11.7	11.5	12.0	12.5	18.0	14.3	43.0
02:00	13.4	9.1	11.7	12.1	12.9	12.5	19.0	14.4	43.0
02:15	14.3	8.6	9.8	12.0	15.0	12.5	20.0	14.5	43.0
02:30	17.6	7.8	15.4	11.7	18.0	12.5	22.0	14.6	43.0
02:45	21.3	8.2	19.3	11.4	20.0	12.5	24.0	14.7	43.0
03:00	19.9	9.6	18.6	11.3	23.4	12.5	26.0	14.8	43.0
03:15	21.4	10.6	24.6	11.9	22.3	12.5	28.2	14.9	43.0
03:30	24.3	11.0	25.5	13.0	25.0	13.0	30.0	15.0	43.0
03:45	25.5	10.8	25.1	14.0	28.5	14.0	31.0	15.1	43.0
04:00	25.5	11.1	26.5	14.3	25.5	15.3	32.6	15.2	43.0
04:15	24.0	13.2	23.4	14.9	27.0	15.5	33.0	15.3	43.0
04:30	25.3	13.3	23.3	17.4	30.6	16.0	33.0	15.4	43.0
04:45	25.1	11.6	26.8	16.0	30.2	16.0	34.0	15.5	43.0
05:00	23.4	10.6	28.7	12.6	35.4	16.0	34.0	15.6	43.0
05:15	25.4	10.6	29.6	13.4	32.4	16.0	35.0	15.7	43.0
05:30	25.6	10.8	26.2	14.4	31.7	16.0	35.0	15.8	43.0
05:45	24.8	11.2	23.9	14.6	35.4	16.5	36.0	15.9	43.0
06:00	23.7	11.4	29.7	13.9	33.1	16.5	36.0	16.0	43.0
06:15	24.8	12.1	31.6	14.4	36.8	16.5	36.9	16.9	41.4
06:30	30.2	12.8	34.3	15.0	40.4	15.8	42.4	16.6	40.6
06:45	30.6	13.2	36.0	14.5	37.0	15.6	39.0	14.4	36.4
07:00	30.2	13.4	34.7	14.9	37.0	15.8	41.1	15.3	41.0
07:15	32.4	13.6	33.7	16.0	40.0	15.3	42.0	15.0	43.0
07:30	31.2	13.7	35.6	14.5	40.0	15.0	44.0	14.5	44.0
07:45	30.5	13.3	33.6	14.3	38.0	14.0	45.0	14.0	46.0
08:00	30.3	12.6	31.9	14.1	35.7	13.0	46.0	13.5	48.0
08:15	35.6	10.8	40.1	12.2	40.4	12.4	48.1	12.5	50.0
08:30	47.5	9.9	44.0	11.5	43.3	11.0	48.7	11.6	52.7
08:45	43.6	8.8	40.7	11.5	45.5	11.0	49.8	11.8	49.3
09:00	45.1	7.8	42.4	10.6	41.3	11.5	49.5	11.5	48.0
09:15	40.5	8.1	34.9	9.4	40.9	10.8	51.3	11.0	53.4
09:30	34.7	8.2	28.6	9.8	43.2	11.2	46.0	11.3	51.6
09:45	35.2	7.9	32.3	9.6	39.8	13.6	49.6	11.6	48.1
10:00	55.8	7.6	47.4	9.0	50.0	13.4	49.0	11.6	47.0
10:15	68.9	8.4	59.1	9.8	48.4	13.2	48.0	11.6	46.0
10:30	61.8	9.3	48.5	10.3	45.0	13.0	48.0	11.6	44.0
10:45	47.6	7.8	41.2	9.3	47.2	12.8	48.0	11.6	43.0
11:00	43.6	8.4	37.7	9.9	46.7	12.5	47.3	11.6	41.6
11:15	38.8	9.7	36.7	11.1	43.4	12.4	41.5	11.4	42.9
11:30	33.9	9.3	36.5	11.5	43.8	11.8	43.3	11.0	39.0
11:45	38.7	8.8	39.6	10.2	36.3	10.8	41.7	12.0	41.0
12:00	39.4	6.8	36.3	8.4	34.0	9.7	41.9	10.5	41.7
12:15	39.7	6.8	35.1	8.5	32.8	8.4	42.1	9.4	43.6
12:30	55.2	7.7	45.7	10.3	44.5	11.0	42.0	12.3	39.0



## Daily Summary Report

Site: ORNL Sodar

6/11/2019

Interval: 015m

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Time	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:15	15.2	38.1	-999.9	-999.9	-999.9	-999.9
06:30	14.3	47.3	-999.9	-999.9	-999.9	-999.9
06:45	14.5	42.6	-999.9	-999.9	-999.9	-999.9
07:00	14.8	39.0	15.3	32.8	-999.9	-999.9
07:15	14.5	39.0	15.0	33.0	-999.9	-999.9
07:30	14.3	39.0	14.8	34.0	-999.9	-999.9
07:45	14.0	39.0	14.5	35.0	-999.9	-999.9
08:00	13.8	39.0	14.3	36.0	-999.9	-999.9
08:15	13.5	39.0	14.0	37.0	-999.9	-999.9
08:30	13.3	39.0	13.8	38.0	-999.9	-999.9
08:45	13.0	39.0	13.5	39.0	-999.9	-999.9
09:00	12.8	39.0	13.3	40.0	-999.9	-999.9
09:15	12.5	39.0	13.0	41.0	-999.9	-999.9
09:30	12.3	39.0	12.8	42.0	-999.9	-999.9
09:45	12.0	39.0	12.5	42.0	-999.9	-999.9
10:00	11.8	39.0	12.0	43.0	-999.9	-999.9
10:15	11.5	39.0	11.5	44.0	-999.9	-999.9
10:30	11.0	39.0	10.8	44.0	-999.9	-999.9
10:45	10.5	39.0	10.0	44.0	-999.9	-999.9
11:00	10.0	38.3	9.7	44.3	-999.9	-999.9
11:15	10.0	38.7	10.5	46.2	11.9	39.5
11:30	11.0	35.7	11.9	48.8	12.1	46.2
11:45	11.7	39.6	11.7	46.7	12.2	40.0
12:00	11.8	48.0	12.3	44.2	-999.9	-999.9
12:15	10.4	44.6	10.2	42.6	-999.9	-999.9
12:30	12.2	43.7	10.2	46.9	-999.9	-999.9

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Time	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	12.8	44.0	11.7	45.3	-999.9	-999.9
13:00	13.0	45.0	-999.9	-999.9	-999.9	-999.9
13:15	13.3	46.0	-999.9	-999.9	-999.9	-999.9
13:30	13.5	47.0	-999.9	-999.9	-999.9	-999.9
13:45	13.8	49.0	-999.9	-999.9	-999.9	-999.9
14:00	13.9	49.8	-999.9	-999.9	-999.9	-999.9
14:15	14.8	47.0	-999.9	-999.9	-999.9	-999.9
14:30	14.8	47.0	-999.9	-999.9	-999.9	-999.9
14:45	14.8	47.0	-999.9	-999.9	-999.9	-999.9
15:00	14.8	47.0	-999.9	-999.9	-999.9	-999.9
15:15	14.8	47.0	-999.9	-999.9	-999.9	-999.9
15:30	14.8	47.0	-999.9	-999.9	-999.9	-999.9
15:45	14.8	47.0	-999.9	-999.9	-999.9	-999.9
16:00	14.8	47.0	-999.9	-999.9	-999.9	-999.9
16:15	14.8	47.0	-999.9	-999.9	-999.9	-999.9
16:30	14.8	47.0	-999.9	-999.9	-999.9	-999.9
16:45	14.8	47.0	-999.9	-999.9	-999.9	-999.9
17:00	14.8	47.0	-999.9	-999.9	-999.9	-999.9
17:15	14.8	47.0	-999.9	-999.9	-999.9	-999.9
17:30	14.8	47.0	-999.9	-999.9	-999.9	-999.9
17:45	14.8	47.0	-999.9	-999.9	-999.9	-999.9
18:00	14.8	47.0	-999.9	-999.9	-999.9	-999.9
18:15	14.8	47.0	-999.9	-999.9	-999.9	-999.9
18:30	14.8	47.0	-999.9	-999.9	-999.9	-999.9
18:45	14.8	47.0	-999.9	-999.9	-999.9	-999.9
19:00	14.8	47.0	-999.9	-999.9	-999.9	-999.9
19:15	14.8	47.0	-999.9	-999.9	-999.9	-999.9
19:30	14.8	47.0	-999.9	-999.9	-999.9	-999.9
19:45	14.8	47.0	-999.9	-999.9	-999.9	-999.9
20:00	14.8	47.0	-999.9	-999.9	-999.9	-999.9
20:15	14.8	47.0	-999.9	-999.9	-999.9	-999.9
20:30	14.8	47.0	-999.9	-999.9	-999.9	-999.9
20:45	14.8	47.0	-999.9	-999.9	-999.9	-999.9
21:00	14.8	47.0	-999.9	-999.9	-999.9	-999.9
21:15	15.7	45.0	-999.9	-999.9	-999.9	-999.9
21:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
22:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
23:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
23:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
23:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
23:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
<b>Avg</b>	-355.8	57.0	-746.8	71.0	-968.3	80.0
<b>Max</b>	15.7	49.8	15.3	48.8	12.2	46.2
<b>Max Time</b>	21:15	14:00	07:00	11:30	11:45	11:30
<b>Min</b>	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
<b>Count</b>	96	96	96	96	96	96
<b>Total</b>						