

## Daily Summary Report

Site: ORNL Sodar

7/7/2018

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	2.7	59.9	3.3	53.1	5.2	43.3	6.9	42.1	8.7
00:15	2.3	73.0	2.5	66.6	4.7	55.5	6.5	57.5	7.8
00:30	2.6	82.7	2.4	72.4	4.4	59.4	6.5	60.9	7.7
00:45	1.8	69.4	2.9	54.6	4.3	49.2	6.1	50.9	7.1
01:00	1.7	58.5	3.3	52.1	4.9	50.8	6.5	49.5	8.3
01:15	2.0	80.0	3.1	60.0	5.4	59.8	7.2	57.5	9.2
01:30	2.0	72.0	3.4	58.3	5.9	57.8	7.6	55.4	9.4
01:45	2.4	67.0	3.9	63.7	5.8	56.7	7.4	52.9	9.5
02:00	1.6	70.6	3.2	64.6	4.8	59.7	6.6	57.1	9.1
02:15	1.7	79.4	2.7	68.6	4.4	61.0	6.2	59.7	8.5
02:30	1.8	83.2	2.7	81.6	4.3	65.8	5.7	61.4	7.9
02:45	1.4	87.6	2.7	81.0	3.8	67.4	5.3	62.3	7.4
03:00	1.2	86.2	2.8	74.6	3.8	62.9	5.2	59.1	7.1
03:15	2.0	95.0	3.2	68.5	4.6	59.3	6.1	54.8	7.8
03:30	2.4	83.2	3.7	63.2	5.4	57.6	7.3	53.2	9.8
03:45	2.0	55.4	3.8	52.7	5.6	49.5	7.7	48.3	10.1
04:00	4.5	46.4	3.8	45.6	5.6	41.1	7.5	42.3	9.8
04:15	2.4	45.3	3.6	45.0	5.4	41.2	7.3	41.1	9.5
04:30	4.2	59.4	3.5	48.6	5.4	43.6	7.3	41.9	9.3
04:45	5.9	73.7	3.3	53.4	5.3	46.7	7.0	44.5	9.2
05:00	4.4	75.0	2.8	51.6	4.7	47.9	6.5	47.4	8.7
05:15	4.3	75.0	3.0	52.5	4.6	50.5	6.3	50.0	8.5
05:30	3.0	65.8	3.5	55.0	4.7	54.6	6.4	51.1	8.5
05:45	1.9	47.6	3.5	54.3	4.7	51.8	6.5	48.6	8.6
06:00	1.8	46.2	3.4	51.9	4.7	46.8	6.3	44.1	8.6
06:15	2.0	36.0	3.2	48.1	4.5	43.4	6.2	41.6	8.5
06:30	1.2	55.1	2.6	51.3	4.1	43.5	5.8	42.5	8.2
06:45	1.4	72.3	2.7	56.2	4.1	46.7	5.9	43.5	8.5
07:00	2.5	67.2	3.1	52.2	4.7	45.8	6.4	41.4	8.8
07:15	2.5	56.1	3.3	48.6	5.0	44.0	6.7	40.5	8.6
07:30	3.0	63.0	3.3	47.1	4.9	42.3	6.6	41.5	8.6
07:45	4.0	70.0	3.3	50.6	4.7	43.9	6.4	42.0	8.6
08:00	5.5	78.0	3.2	53.6	4.4	48.6	6.2	44.3	8.3
08:15	5.7	87.1	2.8	57.1	4.4	54.5	6.2	47.9	8.3
08:30	5.5	84.7	2.5	60.3	4.2	52.7	6.0	46.4	8.0
08:45	4.9	82.9	2.7	58.3	3.9	47.5	5.8	45.8	7.5
09:00	1.5	76.8	2.6	49.5	4.1	46.9	5.8	46.2	7.5
09:15	2.7	85.3	1.8	53.2	3.9	52.6	5.4	46.8	7.3
09:30	1.8	82.9	1.8	64.4	3.6	58.5	5.2	51.3	6.8
09:45	3.3	87.5	2.2	62.7	3.7	54.7	5.5	47.7	6.9
10:00	2.8	88.5	2.2	63.0	3.4	56.9	5.5	46.3	7.6
10:15	1.3	85.7	1.6	59.9	2.5	61.6	4.6	47.2	7.2
10:30	.8	80.5	1.2	57.2	1.6	56.0	3.0	54.2	4.9
10:45	.8	78.7	1.6	69.0	2.1	63.7	3.3	66.9	4.4
11:00	.7	78.1	1.7	61.8	2.3	59.8	4.0	62.0	5.1
11:15	.4	65.0	1.5	50.8	2.0	58.3	3.7	63.7	5.6
11:30	.7	79.3	1.9	66.8	2.2	74.7	3.5	71.5	5.4
11:45	.8	87.1	2.0	69.4	2.1	75.5	2.8	70.2	4.0
12:00	.4	84.6	1.7	58.5	1.9	57.7	2.4	54.0	2.8
12:15	.4	75.1	1.7	53.6	1.9	51.8	2.3	50.8	2.3



## Daily Summary Report

Site: ORNL Sodar

7/7/2018

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	43.1	10.9	48.0	13.8	46.5	13.8	43.9	15.5	42.0
00:15	60.9	11.9	41.3	14.0	46.6	12.9	42.8	14.3	42.5
00:30	73.5	10.8	43.3	13.0	50.0	12.6	52.0	14.4	45.0
00:45	61.1	8.8	53.3	11.2	54.8	12.4	61.2	14.5	47.0
01:00	52.0	10.3	47.0	11.5	50.0	12.4	55.4	14.6	49.0
01:15	53.3	12.1	43.2	13.5	46.4	11.9	51.1	14.7	50.9
01:30	47.2	12.4	40.8	13.7	44.0	11.9	51.1	13.8	48.6
01:45	45.3	12.4	42.0	14.5	45.3	12.7	47.4	14.3	42.8
02:00	49.2	11.7	46.1	14.7	46.7	13.7	45.5	14.3	43.0
02:15	52.4	11.4	49.4	14.0	49.4	13.6	45.4	14.4	43.0
02:30	54.9	10.7	52.3	13.5	51.7	13.3	44.5	14.5	43.0
02:45	55.4	9.5	55.4	11.8	54.9	14.1	49.2	14.5	43.0
03:00	54.1	9.2	55.7	10.5	63.3	13.6	65.5	14.6	43.0
03:15	53.6	10.4	53.6	10.1	63.0	11.8	64.8	14.7	43.0
03:30	52.2	12.2	49.7	11.9	53.0	12.0	58.4	14.7	43.2
03:45	45.6	14.4	48.4	11.9	51.7	11.3	56.0	14.7	44.0
04:00	40.2	14.1	38.9	11.0	49.6	11.6	50.3	14.7	44.0
04:15	40.4	12.1	40.0	11.5	48.6	13.7	44.2	14.7	45.0
04:30	40.9	11.2	45.4	12.7	45.7	13.5	45.0	14.6	45.0
04:45	45.9	11.3	48.6	13.1	45.3	13.5	45.0	14.5	46.0
05:00	49.2	10.6	52.3	12.7	49.4	13.4	45.6	14.4	46.0
05:15	49.6	10.2	54.4	12.5	49.2	12.2	47.9	14.3	46.0
05:30	50.9	10.4	51.1	12.0	54.9	12.6	47.9	14.3	47.0
05:45	47.6	10.1	51.4	12.7	52.8	12.6	47.9	14.2	47.0
06:00	42.7	10.3	46.9	12.8	46.3	12.6	47.9	14.1	47.0
06:15	39.6	12.3	43.5	12.2	50.6	12.6	47.9	14.1	48.0
06:30	37.3	10.1	59.1	9.9	58.6	12.6	47.9	14.0	48.0
06:45	38.2	9.5	52.2	9.7	54.6	12.6	47.9	14.0	48.0
07:00	43.5	11.5	40.7	10.5	50.9	12.6	47.9	14.0	49.0
07:15	44.8	12.2	40.6	10.9	47.3	12.6	47.9	13.9	49.0
07:30	43.3	12.1	43.9	11.8	43.6	12.6	47.9	13.8	49.0
07:45	44.2	10.7	49.5	11.1	48.8	12.6	47.9	13.7	50.0
08:00	47.2	10.0	48.5	11.0	53.3	12.6	47.9	13.6	50.0
08:15	47.8	10.3	48.7	11.0	55.1	12.6	47.9	13.5	50.0
08:30	45.9	9.7	47.3	10.1	58.9	12.6	47.9	13.4	50.0
08:45	46.8	9.3	46.7	10.7	55.4	13.3	47.8	13.3	50.0
09:00	46.9	9.1	48.4	11.6	53.8	14.2	50.6	13.7	45.6
09:15	50.9	8.5	52.5	11.2	56.3	13.6	50.0	13.4	46.1
09:30	57.0	8.2	56.0	10.8	58.3	12.5	54.0	13.8	48.0
09:45	54.0	8.4	54.9	10.9	54.4	13.4	49.6	14.0	43.0
10:00	53.7	8.0	53.5	10.8	53.9	12.3	48.0	12.9	44.9
10:15	51.3	7.4	55.5	10.4	55.6	12.3	50.0	12.9	44.8
10:30	52.5	7.0	58.3	9.2	60.5	12.5	50.0	12.4	45.8
10:45	64.2	6.7	62.0	8.8	59.5	12.8	47.6	12.0	46.1
11:00	67.9	6.9	63.4	9.0	55.6	12.6	44.9	12.4	49.6
11:15	66.3	7.5	62.3	9.3	58.8	12.1	45.2	11.1	46.0
11:30	69.4	7.6	64.7	9.2	59.5	13.3	47.2	9.5	55.0
11:45	73.0	5.6	71.2	9.1	52.9	12.0	50.0	8.0	60.0
12:00	68.5	4.9	70.3	7.5	48.0	10.6	54.3	7.0	70.0
12:15	72.5	3.9	75.8	5.8	63.9	8.0	66.0	6.0	80.0



## Daily Summary Report

Site: ORNL Sodar

7/7/2018

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	15.3	42.0	15.0	41.0	14.4	39.8
00:15	16.0	42.5	17.2	42.3	14.4	40.0
00:30	15.9	43.0	17.1	43.0	14.4	40.0
00:45	15.8	43.0	17.0	43.0	14.4	40.2
01:00	15.7	43.0	16.9	43.0	14.4	40.4
01:15	15.6	43.0	16.8	43.0	14.4	40.7
01:30	15.5	43.0	16.7	43.0	14.4	41.0
01:45	15.4	43.0	16.6	43.0	14.4	41.3
02:00	15.3	43.0	16.5	43.0	14.4	41.6
02:15	15.2	43.0	16.4	43.0	14.4	41.9
02:30	15.1	43.0	16.3	43.0	14.4	42.2
02:45	15.0	43.0	16.2	43.0	14.4	42.5
03:00	14.9	43.0	16.1	43.0	14.4	42.8
03:15	14.8	43.0	16.0	43.0	14.4	43.1
03:30	14.7	43.0	15.9	43.0	14.4	43.4
03:45	14.6	43.0	15.8	43.0	14.4	43.7
04:00	14.5	43.0	15.7	43.0	14.4	44.0
04:15	14.4	43.0	15.6	43.0	14.4	44.3
04:30	14.3	43.0	15.5	43.0	14.4	44.6
04:45	14.2	43.0	15.4	43.0	14.4	44.9
05:00	14.1	43.0	15.3	43.0	14.4	45.2
05:15	14.0	43.0	15.2	43.0	14.4	45.5
05:30	13.9	43.0	15.1	43.0	14.4	45.8
05:45	13.8	43.0	15.0	43.0	14.4	46.1
06:00	13.7	43.0	14.9	43.0	14.4	46.3
06:15	13.6	43.0	14.8	43.0	14.4	46.5
06:30	13.5	43.0	14.7	43.0	14.4	46.7
06:45	13.4	43.0	14.6	43.0	14.4	46.9
07:00	13.3	43.0	14.5	43.0	14.4	47.1
07:15	13.2	43.0	14.4	43.0	14.4	47.3
07:30	13.1	43.0	14.3	43.0	14.4	47.5
07:45	13.0	43.0	14.2	43.0	14.4	47.7
08:00	12.9	43.0	14.1	43.0	14.4	47.9
08:15	12.8	43.0	14.0	43.0	14.4	48.1
08:30	12.7	43.0	13.9	43.0	14.4	48.3
08:45	12.5	44.4	13.5	43.3	14.5	50.8
09:00	12.9	42.2	12.6	44.5	14.4	47.1
09:15	13.4	42.0	13.8	41.0	14.0	40.4
09:30	13.3	41.0	13.6	42.0	14.0	41.0
09:45	13.2	40.7	13.5	43.0	13.8	42.0
10:00	14.4	41.5	13.4	44.0	13.5	42.0
10:15	13.0	41.0	13.3	45.0	13.5	43.0
10:30	11.8	41.0	13.2	47.0	13.3	44.0
10:45	11.7	42.9	13.1	48.2	13.0	45.0
11:00	11.7	41.3	13.7	45.9	12.8	46.0
11:15	11.8	41.4	13.5	52.4	12.5	46.6
11:30					13.1	46.4
11:45					13.4	48.1
12:00						
12:15						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30						
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						
14:30						
14:45						
15:00						
15:15						
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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	14.0	42.7	15.0	43.4	14.2	44.3
Max	16.0	44.4	17.2	52.4	14.5	50.8
Hr. of Max	01	35	01	45	35	35
Min	11.7	40.7	12.6	41.0	12.5	39.8
Count	46	46	46	46	48	48
Total						