

Daily Summary Report

Site: ORNL Sodar

4/20/2018

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	2.4	2.7	3.6	29.3	5.1	27.4	6.5	22.6	9.0
00:15	2.6	2.0	3.1	24.6	4.8	25.9	6.5	21.5	8.1
00:30	2.1	10.4	3.1	24.9	4.3	30.7	6.0	26.7	7.6
00:45	1.4	29.7	2.8	33.0	3.9	37.5	5.6	33.9	7.3
01:00	1.1	55.3	2.4	42.4	3.0	48.1	4.6	40.3	6.0
01:15	1.6	62.8	2.8	47.3	3.7	51.6	5.1	44.0	6.5
01:30	2.6	66.3	3.3	51.2	5.3	50.1	6.6	43.3	9.4
01:45	3.0	73.1	3.0	59.2	5.1	56.3	6.2	51.6	9.0
02:00	2.0	76.6	2.2	63.7	3.4	60.6	4.6	56.8	6.7
02:15	1.9	77.1	3.1	74.6	3.0	68.1	4.4	59.5	6.5
02:30	2.2	74.1	4.5	80.4	4.3	72.6	5.3	63.5	7.3
02:45	1.9	71.7	2.6	76.2	4.2	68.6	5.5	59.4	7.8
03:00	1.6	72.9	2.1	76.3	4.3	59.3	6.0	56.7	7.8
03:15	1.7	81.4	2.4	71.2	4.4	59.3	6.0	58.6	5.8
03:30	1.8	81.3	2.9	62.2	4.4	60.0	5.8	58.2	5.0
03:45	1.3	69.7	2.9	54.7	4.7	55.9	5.5	51.1	4.0
04:00	.9	70.7	2.7	46.6	4.8	54.5	5.2	48.4	2.0
04:15	1.1	77.7	2.6	51.2	4.1	57.1	4.7	58.8	.9
04:30	1.0	71.7	2.2	63.4	3.3	56.8	3.7	64.1	.8
04:45	.8	79.1	1.5	79.7	2.7	58.5	2.9	72.5	1.1
05:00	.7	82.1	1.5	71.7	3.0	56.3	2.7	69.9	2.3
05:15	1.0	75.6	2.1	49.0	3.6	50.7	2.8	60.7	3.4
05:30	1.3	73.0	2.5	36.3	3.8	46.7	3.2	59.3	3.8
05:45	1.3	53.1	3.0	29.1	4.1	41.6	3.8	53.7	4.0
06:00	1.7	49.9	3.3	30.9	4.5	36.8	4.4	45.4	4.5
06:15	1.5	57.0	3.2	35.4	4.5	38.3	4.6	44.8	5.4
06:30	1.1	72.9	2.7	36.0	4.1	43.4	4.3	50.4	4.8
06:45	1.1	80.3	2.1	36.4	3.9	44.2	4.4	53.4	3.8
07:00	1.2	63.4	2.1	33.8	4.2	41.3	4.7	49.2	4.1
07:15	1.4	61.5	2.5	31.8	4.4	40.0	5.3	47.2	5.2
07:30	1.8	66.8	2.8	32.9	4.5	38.7	5.6	46.8	5.2
07:45	1.9	67.9	2.9	39.1	4.5	41.5	5.7	48.5	5.8
08:00	2.1	61.0	3.0	45.9	4.3	44.7	5.8	50.0	7.0
08:15	1.8	56.7	3.1	51.2	4.2	46.1	5.7	49.5	7.3
08:30	1.3	68.1	2.7	60.5	4.2	48.3	5.5	50.6	7.2
08:45	1.2	67.6	2.7	58.5	4.1	46.2	5.2	49.9	6.8
09:00	1.3	67.4	3.0	56.9	3.8	45.2	4.7	51.8	6.0
09:15	1.5	69.8	2.9	64.6	3.6	52.2	4.4	57.7	5.7
09:30	1.0	56.6	2.7	73.3	3.2	65.9	4.3	64.5	5.4
09:45	2.3	78.6	4.0	78.5	3.9	73.4	4.4	69.5	4.9
10:00	4.0	81.4	4.9	79.2	4.7	70.3	4.4	73.8	5.0
10:15	3.2	78.3	4.3	80.5	4.1	71.5	4.1	77.9	4.6
10:30	3.3	81.3	4.5	80.0	4.2	72.5	4.4	71.9	4.2
10:45	3.5	73.2	5.0	67.6	4.5	63.7	4.5	62.6	4.3
11:00	3.9	38.1	4.8	52.7	4.7	47.5	5.4	45.7	5.5
11:15	3.0	43.5	3.5	54.4	4.1	49.7	5.4	52.3	5.7
11:30	3.1	86.2	3.8	80.4	4.7	81.0	5.5	83.0	5.7
11:45	4.1	89.6	5.3	86.6	6.1	82.6	6.2	81.6	6.0
12:00	4.8	84.3	5.7	84.4	5.5	76.1	5.7	75.2	5.3
12:15	4.2	78.6	4.8	78.4	3.7	67.7	3.9	69.7	4.4

Daily Summary Report

Site: ORNL Sodar

4/20/2018

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	16.8	9.5	12.5	11.3	13.5	14.0	38.8	13.0	38.0
00:15	16.4	8.9	13.8	11.5	24.4	11.9	41.3	13.1	43.0
00:30	21.7	9.3	15.8	10.6	38.0	11.7	40.3	13.1	51.1
00:45	26.7	9.3	20.6	10.2	41.6	13.2	43.8	13.2	48.3
01:00	31.0	7.5	24.3	10.1	35.2	13.1	45.4	13.4	44.8
01:15	27.7	8.2	23.6	10.9	27.4	13.0	47.0	13.3	44.9
01:30	25.8	12.1	27.5	13.0	29.0	13.0	47.0	13.2	45.1
01:45	37.7	13.2	36.3	14.0	31.0	12.9	47.0	13.1	45.4
02:00	48.8	11.5	35.0	15.0	33.0	12.9	47.0	13.0	45.8
02:15	48.8	11.8	34.0	15.4	35.2	12.8	47.0	12.9	46.1
02:30	48.9	13.8	35.5	15.1	40.2	12.8	47.0	12.8	46.5
02:45	47.8	-999.9	-999.9	-999.9	-999.9	12.7	47.0	12.7	46.8
03:00	50.2	-999.9	-999.9	-999.9	-999.9	12.7	47.0	12.6	47.2
03:15	68.2	-999.9	-999.9	-999.9	-999.9	12.6	47.0	12.5	47.5
03:30	66.0	-999.9	-999.9	-999.9	-999.9	12.6	47.0	12.4	47.9
03:45	63.0	-999.9	-999.9	-999.9	-999.9	12.5	47.0	12.3	48.2
04:00	62.0	-999.9	-999.9	-999.9	-999.9	12.5	47.0	12.2	48.6
04:15	59.8	-999.9	-999.9	-999.9	-999.9	12.4	47.0	12.1	48.9
04:30	92.5	-999.9	-999.9	-999.9	-999.9	12.4	47.0	12.0	49.3
04:45	91.9	.8	93.6	-999.9	-999.9	12.3	47.0	11.9	49.6
05:00	85.3	.6	89.5	-999.9	-999.9	12.3	47.0	11.8	50.0
05:15	82.2	.4	86.9	-999.9	-999.9	12.2	47.0	11.7	50.3
05:30	75.6	.3	67.2	-999.9	-999.9	12.2	47.0	11.6	50.7
05:45	70.6	.1	36.1	-999.9	-999.9	12.1	47.0	11.5	51.0
06:00	67.1	1.6	15.3	1.0	244.7	12.1	47.0	11.4	51.4
06:15	68.8	3.5	57.9	-999.9	-999.9	12.0	47.0	11.3	51.7
06:30	66.9	3.1	79.7	-999.9	-999.9	12.0	47.0	11.2	52.1
06:45	67.7	1.9	84.9	-999.9	-999.9	11.9	47.0	11.1	52.4
07:00	69.6	2.6	65.7	-999.9	-999.9	11.9	47.0	11.0	52.8
07:15	67.5	3.1	45.0	-999.9	-999.9	11.8	47.0	10.9	53.1
07:30	67.6	4.5	61.3	-999.9	-999.9	11.8	47.0	10.8	53.5
07:45	68.3	6.0	59.0	-999.9	-999.9	11.7	47.0	10.7	53.8
08:00	63.7	8.0	58.0	-999.9	-999.9	11.7	47.0	10.6	54.2
08:15	58.4	11.3	56.8	-999.9	-999.9	11.6	47.0	10.5	54.5
08:30	57.9	12.6	49.7	-999.9	-999.9	11.6	47.0	10.4	54.9
08:45	60.5	10.0	47.0	-999.9	-999.9	11.5	47.0	10.3	55.2
09:00	59.9	7.4	45.3	-999.9	-999.9	11.5	47.0	10.2	55.6
09:15	60.1	7.0	57.9	-999.9	-999.9	11.4	47.0	10.1	55.9
09:30	59.9	6.1	60.0	6.7	50.2	11.4	47.0	10.0	56.3
09:45	57.4	5.4	54.9	7.1	43.0	8.3	49.6	9.9	56.6
10:00	67.4	5.3	61.6	7.3	45.4	8.3	48.4	9.0	64.9
10:15	76.8	4.5	73.5	5.9	69.3	7.4	64.0	8.6	79.5
10:30	73.4	3.8	74.3	5.4	83.5	6.1	95.4	7.0	84.0
10:45	66.2	4.6	68.7	6.6	69.0	7.2	61.0	7.0	71.4
11:00	51.2	6.4	47.0	8.4	45.0	9.1	45.0	-999.9	-999.9
11:15	55.8	6.2	48.3	8.7	35.8	11.1	30.6	-999.9	-999.9
11:30	81.4	5.7	65.6	7.0	65.0	11.5	31.0	-999.9	-999.9
11:45	81.9	5.3	78.7	5.8	94.6	11.5	32.0	-999.9	-999.9
12:00	76.3	4.8	75.0	6.0	90.0	11.5	33.0	-999.9	-999.9
12:15	74.2	4.8	70.8	6.5	80.0	11.8	33.0	-999.9	-999.9

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
12:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
13:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
13:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
13:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
13:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
14:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
14:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
14:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
14:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
15:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
16:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
17:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
18:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
19:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
20:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
21:15	-999.9	-999.9	-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
Avg	-536.2	-516.5	-947.1	-945.6	-957.6	-956.4
Max	14.1	76.9	15.1	48.0	15.4	50.2
Hr. of Max	04	42	00	02	00	03
Min	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
Count	96	96	96	96	96	96
Total						