

Daily Summary Report

Site: ORNL Sodar

4/21/2018

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	41.7	3.3	40.8	5.0	38.2	7.0	37.9	9.2
00:15	2.8	47.9	3.4	38.8	5.1	38.4	7.3	38.2	9.6
00:30	3.0	53.5	3.4	39.6	5.1	37.4	7.1	37.4	10.1
00:45	3.2	54.5	4.1	38.5	5.7	36.2	7.7	36.6	10.5
01:00	3.2	47.1	4.5	41.5	6.2	36.9	8.3	37.9	10.7
01:15	3.6	37.8	4.5	43.1	6.2	38.8	8.3	40.1	10.7
01:30	6.3	25.2	4.7	42.9	6.5	43.5	8.5	43.4	10.7
01:45	4.5	46.9	5.0	42.1	7.0	44.3	8.6	45.2	10.7
02:00	4.0	55.0	4.9	44.5	6.9	44.2	8.4	46.2	10.6
02:15	3.7	54.3	4.7	50.6	6.4	45.2	8.0	47.2	10.4
02:30	3.3	60.9	4.6	55.8	6.0	47.4	8.0	49.6	10.2
02:45	3.1	67.4	4.3	60.6	5.8	51.0	7.9	53.3	10.0
03:00	2.6	60.8	4.6	62.8	5.8	53.4	7.8	56.2	9.2
03:15	2.1	61.3	4.6	65.1	5.6	57.5	7.5	58.3	8.6
03:30	2.1	68.9	3.7	65.9	5.3	61.4	7.2	62.3	8.3
03:45	2.0	68.7	3.3	60.4	4.8	61.1	6.8	62.3	7.5
04:00	2.0	68.8	3.3	56.2	4.7	55.9	6.5	58.8	6.3
04:15	2.1	67.6	2.8	48.3	5.2	53.6	6.8	58.5	5.7
04:30	2.2	61.9	2.9	49.1	6.0	57.2	7.1	62.7	6.0
04:45	2.2	56.3	2.7	51.6	5.6	56.5	6.7	66.7	3.9
05:00	2.5	55.0	2.6	53.8	4.8	55.1	6.6	63.6	2.5
05:15	3.2	57.4	3.6	53.8	5.3	53.2	7.3	55.7	5.0
05:30	3.4	63.0	3.9	49.3	5.7	47.6	7.5	51.9	8.1
05:45	2.7	60.3	3.8	48.5	5.7	45.7	7.4	50.4	8.7
06:00	2.1	50.7	4.0	51.2	5.7	45.3	7.3	48.2	9.1
06:15	2.3	58.1	4.3	53.2	5.9	47.8	7.6	49.3	9.8
06:30	2.9	62.5	4.5	57.5	6.3	51.4	8.1	53.0	11.2
06:45	3.2	66.9	4.4	64.1	6.2	53.6	7.9	54.7	9.9
07:00	3.0	72.9	4.5	69.0	6.3	57.1	7.9	54.6	9.5
07:15	3.1	70.2	4.5	67.7	6.7	57.1	8.3	54.9	9.8
07:30	3.0	65.5	4.4	63.1	6.0	52.3	7.7	52.2	9.3
07:45	2.5	70.3	4.0	62.4	5.3	53.3	6.9	51.9	7.9
08:00	2.0	60.7	3.3	66.8	4.8	57.0	6.3	54.1	7.3
08:15	1.9	67.8	3.3	72.1	4.8	59.8	6.2	55.9	7.2
08:30	1.7	76.9	3.4	71.1	5.2	60.3	6.8	57.5	7.1
08:45	1.4	65.8	3.5	66.4	5.2	55.6	6.8	55.0	6.8
09:00	1.0	68.7	3.6	62.7	4.8	53.5	6.0	53.0	6.4
09:15	.9	65.3	2.6	60.8	3.5	55.9	4.8	55.7	5.2
09:30	.7	335.6	2.3	67.4	2.8	65.6	3.9	61.9	4.1
09:45	1.0	318.4	2.3	62.7	2.6	62.8	3.0	59.4	3.3
10:00	1.4	73.0	2.4	75.4	2.2	59.2	2.2	49.2	2.3
10:15	1.6	91.3	2.5	86.7	2.4	70.9	2.1	51.5	1.5
10:30	1.2	76.4	1.1	102.2	1.5	86.7	1.4	66.2	.8
10:45	.6	53.9	.4	160.4	.5	93.8	.8	68.6	.9
11:00	.5	48.2	.7	46.1	.8	41.3	.9	43.7	.9
11:15	.8	59.5	1.4	67.0	1.1	65.9	.6	62.7	.5
11:30	.5	81.3	.9	92.5	1.2	106.2	1.0	105.5	.9
11:45	.8	189.0	1.3	179.0	1.8	178.3	1.5	166.7	1.3
12:00	1.5	201.6	2.3	180.9	2.5	182.3	2.6	182.3	2.7
12:15	.1	267.4	1.0	164.0	1.5	162.0	1.9	159.6	1.8

Daily Summary Report

Site: ORNL Sodar

4/21/2018

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	35.8	8.4	41.9	10.5	30.0	-999.9	-999.9	-999.9	-999.9
00:15	34.9	8.7	30.1	11.0	32.0	-999.9	-999.9	-999.9	-999.9
00:30	33.6	10.7	25.0	11.5	34.0	-999.9	-999.9	-999.9	-999.9
00:45	34.8	9.9	34.5	12.0	36.0	-999.9	-999.9	-999.9	-999.9
01:00	40.0	10.2	43.2	12.5	38.0	-999.9	-999.9	-999.9	-999.9
01:15	42.5	12.9	39.7	12.8	40.9	-999.9	-999.9	-999.9	-999.9
01:30	43.2	13.0	48.2	13.4	51.2	-999.9	-999.9	-999.9	-999.9
01:45	48.0	12.7	52.3	12.1	55.0	-999.9	-999.9	-999.9	-999.9
02:00	52.7	12.0	56.8	12.3	64.0	-999.9	-999.9	-999.9	-999.9
02:15	55.1	11.4	60.4	13.2	71.6	11.3	73.3	-999.9	-999.9
02:30	57.0	10.9	64.9	13.5	74.2	12.0	83.3	-999.9	-999.9
02:45	58.2	10.6	70.0	13.9	75.6	11.0	87.0	-999.9	-999.9
03:00	63.4	9.9	75.0	13.3	81.6	10.0	92.0	-999.9	-999.9
03:15	71.3	10.0	79.7	13.3	87.5	9.4	96.9	-999.9	-999.9
03:30	77.1	10.0	84.2	11.8	82.8	10.0	90.0	-999.9	-999.9
03:45	77.7	8.9	85.7	8.1	82.9	11.0	85.0	-999.9	-999.9
04:00	74.3	8.5	82.4	9.0	78.0	11.5	80.0	-999.9	-999.9
04:15	69.4	6.8	71.9	10.0	74.0	12.0	75.0	-999.9	-999.9
04:30	64.1	4.0	55.0	10.5	70.0	12.5	70.0	-999.9	-999.9
04:45	61.4	2.3	36.5	11.0	67.0	13.0	65.0	-999.9	-999.9
05:00	68.3	.9	80.8	11.5	64.0	13.5	60.0	-999.9	-999.9
05:15	65.0	5.0	63.0	12.0	60.0	14.0	55.0	-999.9	-999.9
05:30	61.9	11.0	46.2	12.5	56.0	14.5	55.0	-999.9	-999.9
05:45	52.9	10.8	44.4	12.8	52.0	15.0	50.0	-999.9	-999.9
06:00	47.5	11.2	45.5	13.1	48.0	15.1	45.3	-999.9	-999.9
06:15	45.4	12.0	46.9	13.9	41.6	13.2	44.9	12.5	41.5
06:30	47.0	11.8	44.9	13.5	44.6	12.0	41.1	-999.9	-999.9
06:45	56.9	10.9	52.4	11.5	72.0	10.5	80.0	-999.9	-999.9
07:00	61.8	8.8	70.6	8.3	94.7	8.8	133.9	-999.9	-999.9
07:15	59.8	8.1	75.1	6.7	102.2	9.0	142.1	-999.9	-999.9
07:30	54.1	7.6	76.8	5.6	105.7	8.3	137.3	-999.9	-999.9
07:45	62.1	7.9	72.7	5.9	100.4	6.9	129.0	-999.9	-999.9
08:00	69.4	7.5	75.2	6.2	100.3	5.3	126.2	-999.9	-999.9
08:15	70.0	7.3	83.1	6.1	101.7	4.4	127.1	-999.9	-999.9
08:30	70.0	6.7	85.9	6.3	101.6	5.1	135.3	-999.9	-999.9
08:45	64.4	6.5	82.4	6.0	102.4	5.9	144.2	-999.9	-999.9
09:00	61.6	6.5	81.1	5.5	114.0	6.1	147.5	-999.9	-999.9
09:15	67.3	5.8	77.3	4.6	109.2	5.9	151.4	9.7	146.1
09:30	73.2	4.8	71.5	3.7	109.9	6.4	157.4	10.0	148.0
09:45	72.2	3.7	67.1	3.0	125.0	7.1	163.7	10.5	150.0
10:00	63.5	3.0	59.3	2.9	140.1	7.2	167.5	10.9	151.7
10:15	58.9	1.8	54.3	2.8	150.8	7.1	166.6	10.9	150.1
10:30	70.0	.7	79.8	2.9	160.4	6.6	166.0	8.9	165.0
10:45	82.0	1.0	119.3	3.4	161.8	6.8	167.8	9.8	168.6
11:00	58.7	1.0	114.0	3.3	161.4	6.5	169.6	9.7	174.0
11:15	55.7	1.0	119.7	3.4	164.8	5.1	169.8	7.6	174.7
11:30	86.6	1.6	103.4	2.9	157.4	4.2	167.1	6.6	172.7
11:45	165.6	1.9	141.6	2.7	157.1	3.5	163.0	6.2	169.8
12:00	183.6	3.0	181.7	4.7	183.7	2.3	158.0	-999.9	-999.9
12:15	177.2	2.0	175.5	2.0	192.3	1.2	154.7	-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	-989.3	-989.0	-989.3	-989.0	-989.3	-989.0
Max	14.2	45.4	13.8	49.0	14.4	45.3
Hr. of Max	25	25	25	25	25	25
Min	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
Count	96	96	96	96	96	96
Total						