

## Daily Summary Report

Site: ORNL Sodar

5/21/2019

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	.5	342.5	2.2	17.6	2.6	17.4	3.0	17.0	1.2
00:15	.6	25.0	2.2	15.6	2.2	26.4	1.8	37.2	1.0
00:30	.4	35.7	1.4	33.6	1.9	47.4	1.9	52.3	1.1
00:45	.3	32.9	1.5	37.6	1.8	58.8	1.7	66.5	1.2
01:00	.5	34.8	1.3	38.4	2.1	50.4	2.3	42.3	1.4
01:15	.5	43.9	1.0	71.7	2.0	61.1	2.5	40.1	1.0
01:30	.5	54.9	1.3	82.6	2.0	76.1	2.2	56.1	.9
01:45	.4	62.7	1.6	92.3	2.3	90.0	2.5	67.4	1.7
02:00	.8	81.5	2.1	96.3	2.8	93.8	2.9	84.3	1.9
02:15	1.7	85.3	2.2	91.3	3.4	90.8	3.6	84.7	3.1
02:30	2.1	83.8	2.5	89.1	4.3	89.9	4.8	83.1	5.6
02:45	2.4	80.4	2.8	87.7	5.2	87.3	5.9	85.2	6.2
03:00	2.3	79.1	2.9	77.2	5.3	81.8	6.3	78.0	7.4
03:15	2.0	79.2	3.2	73.0	5.5	79.3	6.6	76.2	8.1
03:30	1.9	69.5	3.7	72.0	5.9	76.7	6.9	72.4	7.8
03:45	2.0	58.9	3.9	59.6	6.0	68.7	7.0	60.7	9.3
04:00	2.0	56.6	3.4	52.5	5.6	64.0	6.6	56.1	9.8
04:15	2.2	40.0	3.1	51.8	5.4	57.5	6.9	50.1	10.9
04:30	2.0	42.6	3.2	52.8	5.3	49.5	7.2	44.9	11.6
04:45	1.3	49.6	2.4	49.3	4.7	45.7	6.7	42.5	11.0
05:00	.9	68.2	2.0	51.5	4.3	48.7	6.3	44.4	10.1
05:15	1.6	61.9	2.8	58.1	4.7	50.5	6.7	45.8	9.6
05:30	2.1	26.9	3.2	58.6	4.8	48.2	6.8	44.3	8.8
05:45	1.1	62.2	2.5	64.5	4.2	53.5	5.9	46.3	6.6
06:00	1.0	84.2	2.2	68.1	4.2	57.7	5.6	49.3	4.4
06:15	.7	81.4	2.0	70.7	4.3	55.4	6.1	48.0	4.8
06:30	.9	81.7	1.9	66.9	4.3	52.3	6.4	43.3	5.9
06:45	1.1	72.1	2.4	65.3	4.5	48.7	6.6	38.6	6.3
07:00	1.2	88.0	2.7	67.3	4.7	49.0	6.1	47.0	6.5
07:15	1.6	74.1	3.2	66.0	4.9	53.4	6.6	52.7	6.4
07:30	1.9	52.6	3.3	62.0	5.3	50.5	7.0	44.9	5.7
07:45	1.6	55.3	3.4	55.6	5.2	44.4	6.8	40.5	6.2
08:00	1.5	60.4	3.4	55.6	4.7	40.9	6.3	38.3	5.6
08:15	1.5	56.9	3.4	57.0	4.7	44.0	6.0	39.8	5.5
08:30	1.6	57.8	3.2	57.1	4.4	50.1	5.8	46.2	5.7
08:45	2.3	71.2	3.0	59.7	4.2	54.5	5.6	51.4	5.7
09:00	3.2	79.5	2.9	56.4	4.8	54.6	6.0	55.6	5.6
09:15	2.0	69.9	3.1	50.9	4.7	56.9	6.0	58.3	5.9
09:30	1.7	53.1	3.3	50.3	4.2	58.5	5.2	61.9	5.6
09:45	2.3	63.8	3.0	54.1	3.9	60.2	4.4	63.9	5.4
10:00	3.0	71.9	2.9	61.4	3.9	66.3	4.1	64.0	4.9
10:15	1.8	57.4	2.4	49.0	2.8	56.3	2.8	54.9	3.2
10:30	1.3	73.5	1.3	73.2	1.3	65.8	1.5	58.9	2.1
10:45	1.3	109.1	1.4	125.8	1.3	106.1	1.3	88.8	1.7
11:00	1.6	96.0	2.4	103.9	2.2	84.8	2.0	86.1	2.4
11:15	2.1	93.5	2.5	105.3	1.9	91.1	1.9	89.2	2.0
11:30	2.0	90.6	.9	121.6	.4	63.4	.5	67.2	1.1
11:45	2.0	67.3	1.3	37.9	1.5	34.3	1.3	37.2	1.7
12:00	1.7	67.8	2.0	64.2	2.2	68.4	2.3	71.7	2.3
12:15	1.6	105.4	1.6	121.0	1.8	116.7	2.1	116.3	2.0
12:30	2.1	116.4	1.1	165.0	.8	181.3	1.1	177.0	.5



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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	25.6	1.8	8.8	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
00:15	43.0	1.0	22.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
00:30	42.0	1.2	17.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
00:45	38.9	1.2	10.3	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
01:00	32.8	1.7	6.3	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
01:15	49.6	1.1	10.1	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
01:30	67.2	1.6	19.5	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
01:45	51.1	3.0	30.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
02:00	72.8	4.0	37.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
02:15	82.4	6.0	44.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
02:30	68.6	8.0	51.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
02:45	70.4	9.3	57.1	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
03:00	55.8	11.7	39.5	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
03:15	53.7	13.2	37.5	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
03:30	63.2	13.5	42.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
03:45	49.3	14.0	46.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
04:00	41.0	15.0	50.4	14.8	42.8	14.8	45.2	-1000.0	-1000.0
04:15	32.2	14.9	47.4	16.2	45.7	15.7	44.1	16.8	43.6
04:30	26.6	15.6	41.3	16.9	44.0	16.3	42.6	17.6	44.3
04:45	27.6	15.0	35.0	16.0	42.0	16.0	42.0	-1000.0	-1000.0
05:00	34.2	14.0	30.5	15.2	40.3	16.0	41.0	-1000.0	-1000.0
05:15	40.2	13.8	34.7	15.7	41.7	15.9	40.4	-1000.0	-1000.0
05:30	45.9	14.2	37.1	16.8	44.7	17.2	42.6	-1000.0	-1000.0
05:45	54.4	13.0	40.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
06:00	62.2	12.0	43.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
06:15	72.0	11.0	45.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
06:30	64.1	10.0	47.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
06:45	45.7	9.0	50.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
07:00	53.9	8.0	53.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
07:15	70.5	7.0	55.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
07:30	61.1	7.0	58.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
07:45	50.7	7.0	60.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
08:00	58.4	6.6	61.4	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
08:15	57.4	6.0	55.5	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
08:30	55.9	5.2	55.1	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
08:45	60.9	5.1	55.1	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
09:00	67.0	5.9	68.7	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
09:15	67.3	6.6	69.9	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
09:30	70.6	7.2	74.1	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
09:45	70.8	7.1	75.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
10:00	72.2	5.7	74.4	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
10:15	65.7	4.2	69.8	6.1	89.5	-1000.0	-1000.0	-1000.0	-1000.0
10:30	45.6	2.8	56.5	4.3	87.7	-1000.0	-1000.0	-1000.0	-1000.0
10:45	62.9	2.2	65.4	4.2	88.1	-1000.0	-1000.0	-1000.0	-1000.0
11:00	85.8	2.6	91.1	3.4	96.5	-1000.0	-1000.0	-1000.0	-1000.0
11:15	89.8	2.0	100.9	2.4	100.1	-1000.0	-1000.0	-1000.0	-1000.0
11:30	96.5	1.0	103.7	1.2	122.0	1.3	146.5	-1000.0	-1000.0
11:45	72.3	1.5	79.0	1.4	101.4	1.6	160.0	-1000.0	-1000.0
12:00	73.1	2.1	93.3	2.6	72.1	1.3	200.0	1.4	200.8
12:15	100.2	2.0	122.5	1.3	75.7	1.1	244.3	1.5	205.2
12:30	107.9	1.2	164.0	.2	61.1	.8	165.0	2.4	202.0





	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Time	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
13:00	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
13:15	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
13:30	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
13:45	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
14:00	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
14:15	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
14:30	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
14:45	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
15:00	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
15:15	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
15:30	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
15:45	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
16:00	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
16:15	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
16:30	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
16:45	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
17:00	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
17:15	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
17:30	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
17:45	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
18:00	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
18:15	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
18:30	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
18:45	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
19:00	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
19:15	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
19:30	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
19:45	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
20:00	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
20:15	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
20:30	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
20:45	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
21:00	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
21:15	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
21:30	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
21:45	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
22:00	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
22:15	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
22:30	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
22:45	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
23:00	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
23:15	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
23:30	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
23:45	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
<b>Avg</b>	-978.8	79.0	-989.4	80.0	-1000.0	80.0
<b>Max</b>	17.7	48.9	17.8	45.1	-1000.0	-1000.0
<b>Max Time</b>	04:30	04:30	04:30	04:30	23:45	23:45
<b>Min</b>	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0	-1000.0
<b>Count</b>	96	96	96	96	96	96
<b>Total</b>						