

## Daily Summary Report

Site: ORNL Sodar

4/9/2018

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	.3	31.7	.8	55.7	1.1	72.4	1.2	79.5	.9
00:15	.4	54.6	.9	56.5	1.6	70.0	1.8	73.0	.5
00:30	.6	60.3	1.0	58.1	2.2	68.4	1.9	66.9	.5
00:45	.5	65.9	1.6	64.6	2.7	69.6	2.5	67.5	1.1
01:00	1.0	83.8	1.7	66.3	2.8	70.5	3.5	73.0	3.0
01:15	.6	81.7	.9	57.5	2.2	70.2	3.1	72.0	2.9
01:30	.2	340.5	.6	57.3	1.8	68.6	2.9	71.0	2.5
01:45	.1	309.3	.7	65.2	1.6	72.4	2.9	76.1	3.0
02:00	.1	265.5	.5	77.0	1.4	84.3	2.4	86.4	2.7
02:15	.2	278.6	.5	73.4	1.3	82.9	1.9	88.7	2.4
02:30	.2	273.4	.3	71.7	.9	79.5	1.2	93.1	2.0
02:45	.1	284.9	.3	94.6	.8	82.5	1.1	98.7	2.2
03:00	.2	309.3	.2	78.6	.8	69.2	1.2	88.6	2.3
03:15	.2	316.6	.1	18.2	.5	63.6	1.1	85.7	1.4
03:30	.2	31.7	.1	20.0	.5	59.7	1.0	83.9	1.1
03:45	.2	72.4	.2	61.9	.6	57.7	.8	91.1	1.2
04:00	.1	80.1	.4	36.6	1.0	35.9	.3	71.3	1.3
04:15	.3	25.6	.6	25.3	1.0	26.2	.3	21.6	1.2
04:30	.3	26.9	.9	27.2	1.1	25.2	.6	35.5	.7
04:45	.1	71.8	.7	29.4	1.4	29.4	.8	36.4	.4
05:00	.2	294.8	.2	85.0	1.1	40.2	.8	56.0	.5
05:15	.6	265.3	.2	187.6	.7	42.5	.6	54.2	.6
05:30	.5	273.1	.1	332.0	.7	3.7	.6	5.2	.5
05:45	.6	282.7	1.2	358.8	1.6	354.5	.9	339.3	.4
06:00	.7	265.7	1.5	4.7	1.7	359.0	.7	329.6	.6
06:15	.5	242.4	.8	22.8	.9	24.6	.6	19.7	.2
06:30	.3	216.3	.4	97.7	.6	62.5	.9	62.0	.6
06:45	.3	228.9	.7	107.4	.9	78.8	1.3	80.7	1.1
07:00	.5	219.3	.6	78.2	.9	79.7	1.3	76.0	1.3
07:15	.5	220.2	.6	64.3	.9	79.9	1.4	72.3	1.5
07:30	.3	263.9	.7	81.8	1.2	76.1	1.9	76.1	1.6
07:45	.1	358.6	.7	88.0	1.3	83.2	1.9	83.3	1.6
08:00	.3	245.5	.6	93.0	1.4	75.2	2.3	84.3	2.0
08:15	.4	233.8	.6	102.3	1.6	75.6	2.6	83.8	2.7
08:30	.5	244.3	.7	105.2	1.6	91.4	2.4	89.3	3.3
08:45	.5	261.0	.7	98.3	1.3	93.4	1.6	90.5	2.3
09:00	.4	268.8	.8	90.0	1.2	92.4	1.5	88.2	2.6
09:15	.6	257.9	.6	95.7	1.1	71.7	1.3	71.9	2.4
09:30	.6	248.3	.3	113.5	.9	47.0	1.2	57.5	1.1
09:45	.3	244.1	.4	134.8	.6	58.7	1.2	72.1	1.1
10:00	.1	134.2	.3	132.1	.6	57.5	1.0	72.1	.9
10:15	.3	108.9	.3	93.7	.6	32.8	.8	59.0	.6
10:30	.4	101.1	.6	71.2	.8	38.1	.8	52.4	.8
10:45	.4	83.4	.7	63.3	.8	47.9	.8	48.5	.8
11:00	.2	80.0	.4	41.7	.6	46.9	.7	58.3	.6
11:15	.1	66.7	.4	14.7	.4	47.4	.5	61.8	.5
11:30	.2	109.0	.3	67.2	.5	98.2	.6	76.5	.4
11:45	.3	80.5	.2	71.7	.6	85.8	.6	70.9	.2
12:00	.6	32.0	.4	313.9	.8	13.4	.8	8.9	.3
12:15	.5	10.6	.6	289.3	.5	354.5	.6	2.7	.4



## Daily Summary Report

Site: ORNL Sodar

4/9/2018

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	77.6	.3	353.6	.4	132.8	-999.9	-999.9	-999.9	-999.9
00:15	73.7	.2	25.1	1.1	121.0	-999.9	-999.9	-999.9	-999.9
00:30	54.9	.1	20.0	1.3	93.5	5.0	101.8	4.9	133.9
00:45	76.0	.7	80.1	4.0	97.1	4.9	115.7	5.2	143.2
01:00	84.0	1.9	90.2	5.3	101.7	4.7	126.6	5.3	138.8
01:15	77.7	2.2	84.7	4.7	101.8	4.2	128.2	4.1	155.1
01:30	78.6	2.5	90.1	4.3	105.1	4.1	145.4	5.4	181.6
01:45	86.4	3.5	95.8	4.3	116.6	4.3	155.3	6.0	193.3
02:00	91.6	3.7	109.6	4.7	135.0	4.6	163.4	5.8	192.1
02:15	101.2	3.6	118.0	4.2	149.7	4.7	177.7	5.7	191.7
02:30	108.8	3.1	124.0	3.2	165.7	4.6	189.9	5.7	195.6
02:45	119.0	3.0	139.0	4.0	176.6	6.0	191.9	8.7	194.3
03:00	118.1	2.5	150.0	4.3	185.8	6.1	196.9	9.7	196.3
03:15	129.4	1.6	180.9	4.3	200.7	6.2	206.3	8.7	205.2
03:30	152.0	1.9	199.7	4.8	206.3	7.1	207.2	9.5	204.6
03:45	162.9	2.4	200.0	5.5	206.3	8.4	205.5	11.1	198.8
04:00	195.7	2.8	207.9	6.0	208.8	8.8	204.7	11.3	201.3
04:15	215.0	3.0	214.8	6.3	210.5	8.6	204.8	10.5	205.2
04:30	214.4	2.5	216.5	6.1	210.5	8.2	197.0	7.8	200.5
04:45	185.6	1.8	202.3	5.0	208.1	6.3	191.5	-999.9	-999.9
05:00	163.9	1.8	196.0	4.4	210.7	5.8	197.3	-999.9	-999.9
05:15	188.5	2.0	216.8	4.4	220.1	5.3	210.0	-999.9	-999.9
05:30	229.7	1.7	233.7	4.2	236.5	5.0	225.0	-999.9	-999.9
05:45	307.0	.9	250.9	4.4	251.9	4.5	240.0	-999.9	-999.9
06:00	341.8	1.0	275.3	4.1	269.2	4.2	256.7	-999.9	-999.9
06:15	66.7	.5	354.0	3.2	268.1	3.3	251.4	-999.9	-999.9
06:30	75.0	.6	59.3	2.3	290.0	3.4	255.0	-999.9	-999.9
06:45	70.2	.6	57.0	1.5	305.0	3.6	258.8	-999.9	-999.9
07:00	67.2	1.3	48.5	1.8	324.3	-999.9	-999.9	-999.9	-999.9
07:15	61.4	1.4	53.6	1.5	344.4	-999.9	-999.9	-999.9	-999.9
07:30	75.8	1.7	73.9	.8	20.2	-999.9	-999.9	-999.9	-999.9
07:45	92.0	2.0	76.3	.5	71.6	-999.9	-999.9	-999.9	-999.9
08:00	77.1	2.9	81.2	1.1	102.7	-999.9	-999.9	-999.9	-999.9
08:15	75.9	3.1	87.5	3.0	155.8	-999.9	-999.9	-999.9	-999.9
08:30	91.1	2.6	93.3	3.4	147.0	-999.9	-999.9	-999.9	-999.9
08:45	93.2	.3	72.0	2.1	115.1	-999.9	-999.9	-999.9	-999.9
09:00	84.0	2.0	81.1	2.1	117.6	2.8	194.6	-999.9	-999.9
09:15	84.7	2.9	90.8	1.7	123.4	2.0	210.5	-999.9	-999.9
09:30	85.0	2.1	95.8	1.8	100.1	2.0	198.2	-999.9	-999.9
09:45	67.9	1.3	90.2	1.9	92.4	2.6	177.0	-999.9	-999.9
10:00	64.1	1.1	90.0	1.9	132.0	4.1	168.7	-999.9	-999.9
10:15	63.2	1.2	91.6	1.6	119.6	3.5	180.0	-999.9	-999.9
10:30	59.6	.8	88.2	.9	108.7	3.0	195.0	-999.9	-999.9
10:45	63.6	.7	85.4	.7	96.9	2.1	205.0	-999.9	-999.9
11:00	68.2	.8	76.4	.5	107.2	2.2	244.3	-999.9	-999.9
11:15	66.4	.5	92.9	.5	120.4	2.2	232.2	-999.9	-999.9
11:30	72.4	.6	115.3	.5	172.8	1.9	242.9	-999.9	-999.9
11:45	48.2	.7	85.3	1.3	220.0	2.3	244.0	-999.9	-999.9
12:00	330.5	.4	41.0	2.0	227.7	4.1	256.6	-999.9	-999.9
12:15	310.0	.2	267.5	2.6	240.8	6.0	253.6	-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	-863.5	-838.8	-999.9	-999.9	-999.9	-999.9
Max	11.8	210.2	-999.9	-999.9	-999.9	-999.9
Hr. of Max	14	13	95	95	95	95
Min	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
Count	96	96	96	96	96	96
Total						