

Daily Summary Report

Site: ORNL Sodar

5/22/2019

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	1.9	70.4	2.6	71.0	3.5	98.0	5.1	104.0	6.4
00:15	1.9	66.5	2.6	64.2	3.5	95.2	5.3	106.8	6.3
00:30	1.9	71.3	2.7	62.4	3.6	95.1	5.4	107.6	6.9
00:45	2.3	68.3	2.9	64.5	3.5	93.7	5.3	108.1	7.8
01:00	2.9	65.6	3.7	64.7	3.8	93.0	5.6	108.6	7.9
01:15	2.8	66.9	3.6	67.0	3.9	93.4	5.4	109.4	7.4
01:30	2.7	76.5	2.6	69.9	3.4	91.2	4.5	109.9	6.7
01:45	3.0	85.0	2.1	69.8	3.1	90.9	4.0	110.7	6.4
02:00	2.2	79.8	2.4	67.9	3.1	93.4	4.1	114.4	6.6
02:15	2.3	78.2	3.0	68.5	3.1	97.9	4.5	117.2	6.8
02:30	2.1	76.3	3.0	71.3	3.2	103.0	4.8	121.0	6.5
02:45	1.3	73.5	2.3	66.2	3.0	103.9	4.4	124.4	5.1
03:00	1.3	70.7	2.2	61.1	2.7	103.7	3.8	127.5	4.4
03:15	1.3	69.3	2.2	66.1	2.6	106.3	3.6	133.4	4.8
03:30	1.4	79.6	2.2	59.6	2.5	107.7	3.6	134.8	5.1
03:45	1.4	74.8	2.3	51.3	2.3	101.7	3.2	132.2	3.8
04:00	1.2	63.5	2.0	43.4	1.9	92.2	2.6	131.9	1.9
04:15	1.0	56.2	1.6	35.9	1.5	86.3	1.8	134.0	1.3
04:30	1.1	61.9	.8	45.5	1.3	81.2	1.3	126.7	1.1
04:45	.8	73.3	.4	75.1	.9	81.9	.8	128.7	1.5
05:00	.2	9.2	.5	75.7	.6	112.5	.9	169.8	1.8
05:15	.2	350.4	1.0	56.7	.7	105.1	1.1	174.8	2.4
05:30	.5	65.7	1.6	53.9	1.0	92.7	1.2	155.9	1.7
05:45	.7	69.2	2.1	58.4	1.6	92.4	1.6	140.8	.5
06:00	1.0	76.9	2.5	65.6	2.6	93.9	2.3	128.6	.5
06:15	1.4	80.5	2.7	73.0	3.4	97.3	3.0	129.1	3.0
06:30	1.7	84.0	3.1	75.6	3.7	100.3	3.3	131.5	3.9
06:45	1.6	83.5	3.4	79.1	3.8	103.2	3.8	132.7	4.7
07:00	1.4	77.1	2.8	90.9	3.8	111.8	4.4	136.4	5.7
07:15	1.4	67.7	2.4	103.4	3.9	124.5	4.8	142.7	6.0
07:30	1.5	58.1	2.2	86.5	3.9	127.0	5.0	144.8	6.3
07:45	1.3	53.7	2.0	80.6	3.4	127.1	4.8	144.7	6.1
08:00	.8	42.1	1.4	82.7	2.4	135.4	3.9	148.7	5.4
08:15	.4	19.0	1.1	56.2	1.8	134.6	3.4	151.9	5.2
08:30	.2	308.7	1.3	57.0	1.7	130.7	3.3	154.9	5.6
08:45	.2	53.5	1.5	78.0	2.0	134.1	3.5	160.4	6.0
09:00	.4	87.5	1.7	107.7	2.3	140.0	4.0	164.7	6.5
09:15	.6	87.2	1.5	104.5	1.9	144.3	3.6	165.9	6.3
09:30	.7	77.3	.7	69.9	.4	142.8	1.8	172.2	4.7
09:45	.6	64.9	.6	.4	.2	301.9	1.0	184.1	3.4
10:00	.5	95.7	.2	198.8	.4	223.8	1.3	202.4	2.9
10:15	.4	114.4	.7	188.0	.9	248.9	1.4	244.4	2.1
10:30	.5	31.0	.1	93.9	.6	273.6	.9	258.1	1.5
10:45	.0	40.3	.3	253.7	.3	249.2	.5	224.6	1.2
11:00	.4	201.2	.8	207.1	.6	175.3	.5	157.8	1.0
11:15	.6	181.6	.8	190.7	.8	188.1	.9	174.5	.9
11:30	.7	202.4	1.1	229.9	1.5	207.1	1.7	197.7	1.0
11:45	.7	240.4	1.4	247.6	1.3	226.0	1.5	219.4	1.3
12:00	.8	246.4	.9	260.0	1.1	254.2	1.2	247.7	1.2
12:15	.7	251.3	1.4	259.5	1.8	256.9	1.7	258.2	1.4
12:30	2.4	265.0	2.8	259.0	3.1	259.0	3.1	260.8	3.0

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5/22/2019

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	99.3	2.8	93.6	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:15	102.4	2.4	90.5	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:30	102.7	2.8	90.5	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:45	104.9	7.2	91.5	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:00	103.0	7.5	92.3	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:15	108.1	6.0	95.7	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:30	115.3	6.0	102.9	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:45	119.7	6.4	110.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:00	123.7	6.4	126.2	3.9	157.7	-999.9	-999.9	-999.9	-999.9
02:15	127.2	5.6	140.8	4.0	158.0	-999.9	-999.9	-999.9	-999.9
02:30	130.2	4.5	140.3	4.5	159.0	-999.9	-999.9	-999.9	-999.9
02:45	137.0	4.8	143.4	5.0	161.0	-999.9	-999.9	-999.9	-999.9
03:00	142.9	5.6	144.3	5.5	163.0	-999.9	-999.9	-999.9	-999.9
03:15	146.3	6.3	150.0	6.0	164.0	-999.9	-999.9	-999.9	-999.9
03:30	146.2	6.9	157.4	6.6	166.9	-999.9	-999.9	-999.9	-999.9
03:45	141.3	3.2	149.1	6.8	167.0	-999.9	-999.9	-999.9	-999.9
04:00	146.1	-999.9	-999.9	7.0	168.0	-999.9	-999.9	-999.9	-999.9
04:15	159.7	-999.9	-999.9	7.3	169.0	-999.9	-999.9	-999.9	-999.9
04:30	164.2	-999.9	-999.9	7.5	170.0	-999.9	-999.9	-999.9	-999.9
04:45	185.0	-999.9	-999.9	7.8	171.0	-999.9	-999.9	-999.9	-999.9
05:00	201.6	-999.9	-999.9	8.0	172.0	-999.9	-999.9	-999.9	-999.9
05:15	192.5	-999.9	-999.9	8.3	172.0	-999.9	-999.9	-999.9	-999.9
05:30	180.1	-999.9	-999.9	8.5	173.0	-999.9	-999.9	-999.9	-999.9
05:45	167.9	1.2	285.6	8.8	173.0	-999.9	-999.9	-999.9	-999.9
06:00	131.7	1.5	303.0	9.0	174.0	-999.9	-999.9	-999.9	-999.9
06:15	167.2	1.5	215.2	9.0	175.0	-999.9	-999.9	-999.9	-999.9
06:30	164.2	4.9	186.1	9.0	175.0	-999.9	-999.9	-999.9	-999.9
06:45	159.3	5.6	174.3	9.0	176.0	-999.9	-999.9	-999.9	-999.9
07:00	157.5	7.0	156.4	9.0	176.0	-999.9	-999.9	-999.9	-999.9
07:15	158.9	7.3	165.0	9.0	177.0	-999.9	-999.9	-999.9	-999.9
07:30	157.2	7.6	164.4	9.2	177.5	-999.9	-999.9	-999.9	-999.9
07:45	154.8	7.5	161.5	9.5	176.6	-999.9	-999.9	-999.9	-999.9
08:00	158.2	7.6	168.4	10.4	180.1	-999.9	-999.9	-999.9	-999.9
08:15	163.1	7.5	174.0	11.3	184.5	-999.9	-999.9	-999.9	-999.9
08:30	168.8	6.9	181.3	11.1	190.2	-999.9	-999.9	-999.9	-999.9
08:45	175.6	7.6	184.7	11.1	192.0	-999.9	-999.9	-999.9	-999.9
09:00	177.6	8.0	183.4	11.2	189.4	-999.9	-999.9	-999.9	-999.9
09:15	177.2	7.5	184.6	10.6	192.1	-999.9	-999.9	-999.9	-999.9
09:30	178.4	6.6	186.7	9.8	195.1	11.2	206.9	-999.9	-999.9
09:45	182.7	5.6	189.9	9.4	195.7	12.8	200.0	-999.9	-999.9
10:00	191.1	4.7	198.3	8.9	198.5	12.3	197.8	-999.9	-999.9
10:15	214.3	3.5	209.8	6.8	204.4	10.4	202.8	-999.9	-999.9
10:30	228.6	2.5	211.1	5.4	204.5	8.4	208.6	-999.9	-999.9
10:45	199.2	1.9	201.4	4.8	195.1	6.7	209.7	-999.9	-999.9
11:00	167.8	1.3	183.3	3.8	183.5	4.9	202.6	-999.9	-999.9
11:15	163.2	1.5	177.7	2.5	177.9	-999.9	-999.9	-999.9	-999.9
11:30	201.8	1.4	192.6	1.7	156.9	-999.9	-999.9	-999.9	-999.9
11:45	225.5	1.4	227.9	.9	161.8	-999.9	-999.9	-999.9	-999.9
12:00	248.6	1.5	247.8	1.1	260.3	-999.9	-999.9	-999.9	-999.9
12:15	259.7	1.6	239.6	1.6	221.0	-999.9	-999.9	-999.9	-999.9
12:30	255.1	3.5	232.5	3.4	233.5	-999.9	-999.9	-999.9	-999.9

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5/22/2019

Interval: 015m

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Time	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
00:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
01:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
02:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
03:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
04:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
05:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
06:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
07:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
08:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
09:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
10:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
11:45	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
12:00	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
12:15	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
12:30	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Time	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
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	-999.9	81.0	-999.9	81.0	-999.9	81.0
Max	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
Max Time	23:45	23:45	23:45	23:45	23:45	23:45
Min	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
Count	96	96	96	96	96	96
Total						