

## Daily Summary Report

Site: ORNL Sodar

4/5/2019

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	2.0	229.7	3.5	198.7	5.2	199.5	6.7	197.6	7.2
00:15	3.6	224.0	4.6	207.8	6.2	208.5	7.6	204.7	8.6
00:30	3.0	242.4	4.5	230.1	6.0	223.3	7.3	218.4	9.0
00:45	3.2	247.0	5.8	242.1	7.2	236.6	8.2	238.2	9.6
01:00	3.5	246.4	6.6	246.1	8.0	244.0	8.6	241.0	10.0
01:15	2.5	263.0	4.9	247.3	6.5	245.7	7.8	240.8	9.2
01:30	1.6	249.1	3.4	230.5	5.1	232.9	6.7	231.0	8.5
01:45	1.1	206.4	2.8	222.1	4.3	220.1	5.8	216.2	7.5
02:00	1.3	194.8	2.3	219.3	3.5	210.3	4.7	208.1	6.1
02:15	.4	229.8	1.8	217.9	2.7	203.1	3.4	203.9	5.5
02:30	.3	153.0	1.0	228.7	1.8	196.5	2.5	194.6	4.2
02:45	.3	155.4	.6	196.8	1.3	199.9	1.6	201.2	2.5
03:00	.3	179.9	.8	185.4	1.2	212.4	1.5	219.6	2.6
03:15	.2	179.9	.6	211.0	1.2	228.7	1.5	226.1	2.5
03:30	.2	238.2	.5	259.5	.9	236.3	1.2	228.1	1.9
03:45	.2	216.5	.3	291.2	.6	235.2	.6	226.0	1.4
04:00	.3	160.9	.0	58.0	.4	221.2	.4	213.5	.8
04:15	.3	148.7	.1	73.9	.4	216.0	.5	215.7	.7
04:30	.2	145.3	.1	92.6	.2	215.8	.4	190.4	1.0
04:45	.3	153.7	.2	77.5	.0	17.0	.2	143.4	.7
05:00	.3	158.0	.3	65.1	.1	73.0	.2	81.3	.7
05:15	.2	158.3	.4	65.8	.3	63.2	.5	65.2	.9
05:30	.2	165.7	.4	51.7	.3	55.8	.6	73.7	.9
05:45	.2	156.8	.3	41.9	.2	49.4	.3	88.6	.6
06:00	.2	158.2	.2	34.0	.2	10.0	.4	6.9	.3
06:15	.3	199.5	.2	32.1	.2	345.7	.6	10.9	.9
06:30	.3	193.9	.3	4.1	.2	50.8	.4	106.7	1.1
06:45	.3	152.1	.2	26.9	.5	87.3	.9	97.4	.9
07:00	.3	146.5	.2	64.3	1.0	86.6	1.2	88.1	.6
07:15	.3	147.0	.5	50.0	1.0	64.4	1.4	73.5	2.0
07:30	.2	166.0	.7	68.1	1.0	59.2	1.8	64.0	2.0
07:45	.2	166.3	.6	71.2	.9	63.8	1.4	61.5	.9
08:00	.3	135.0	.7	73.3	.9	46.5	1.2	56.6	.9
08:15	.3	117.6	.8	66.5	1.0	45.5	1.5	57.9	.9
08:30	.4	117.8	.7	61.1	1.0	54.6	1.4	52.3	1.1
08:45	.3	136.4	.6	66.6	.8	63.1	1.3	52.7	1.3
09:00	.3	153.4	.4	80.1	.7	68.0	1.4	62.0	2.0
09:15	.2	127.4	.5	88.0	.7	63.1	1.3	50.7	3.1
09:30	.2	114.7	.6	81.0	.8	61.5	1.8	60.2	3.8
09:45	.2	131.6	.5	82.2	.8	59.7	1.8	66.6	3.0
10:00	.1	164.1	.8	85.1	.8	53.1	1.0	67.3	2.1
10:15	.1	258.8	1.2	84.3	1.2	64.4	1.3	73.9	2.0
10:30	.1	37.0	1.3	87.1	1.5	81.0	1.5	92.4	2.0
10:45	.4	54.0	1.0	84.1	1.3	84.2	1.2	109.4	1.6
11:00	.7	70.9	.8	100.7	1.1	103.6	.9	104.9	.9
11:15	.2	46.6	1.0	102.1	1.2	101.8	1.1	85.4	.7
11:30	.4	298.2	.7	86.8	.9	82.1	.8	79.9	.8
11:45	.4	40.1	.6	87.9	.6	90.9	.4	104.4	.6
12:00	.5	26.3	.3	88.8	.3	91.9	.4	99.6	.5
12:15	.4	327.5	.0	84.7	.1	160.2	.2	93.8	.2
12:30	.4	289.7	.2	184.9	.4	208.5	.3	230.8	.5



## Daily Summary Report

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4/5/2019

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	196.1	9.0	188.1	9.7	200.6				
00:15	201.5	9.7	196.4	10.5	206.9				
00:30	212.3	9.2	206.3	11.0	209.0				
00:45	229.3	9.5	223.4	12.0	213.0				
01:00	232.2	11.1	226.6	12.4	217.9	13.8	219.4	11.5	227.9
01:15	231.0	11.0	222.2	12.3	216.0	13.6	217.7	10.8	218.3
01:30	220.8	10.5	213.8	12.6	209.7	12.2	211.5	12.5	210.9
01:45	209.0	9.8	204.8	12.0	203.2	10.6	198.9	11.0	194.0
02:00	201.3	8.1	200.6	10.2	202.1	11.2	192.5	9.2	188.7
02:15	198.2	6.8	200.0	9.9	201.7	12.2	192.4	10.1	192.5
02:30	194.3	5.8	194.9	9.7	196.4	12.8	197.7	10.2	186.0
02:45	196.7	4.4	195.9	8.6	194.8	11.9	195.7	10.4	180.0
03:00	200.6	4.6	195.9	8.4	191.8	10.7	183.0	10.5	174.5
03:15	199.4	4.7	191.2	8.3	187.2	10.1	179.5	9.4	162.1
03:30	198.7	3.8	190.3	7.4	179.3	9.1	174.5	10.1	146.7
03:45	190.1	3.2	188.9	6.8	174.6	9.3	170.1	10.4	140.6
04:00	192.8	2.8	187.7	6.0	168.0	9.0	156.0	10.1	137.6
04:15	200.9	1.7	186.7	4.5	159.9	7.6	147.4	10.4	142.6
04:30	175.0	1.9	165.6	4.5	152.1	8.2	137.5	10.7	139.7
04:45	167.3	1.7	151.0	4.5	134.0	8.0	133.3	9.9	134.6
05:00	134.7	1.2	109.3	4.1	107.0	6.5	123.4	9.4	133.4
05:15	109.3	1.5	96.4	4.3	106.5	6.6	120.7	9.2	132.7
05:30	85.6	1.4	96.1	3.9	113.3	6.8	126.5	9.1	135.1
05:45	85.8	.9	96.6	3.0	117.9	6.5	133.7	8.7	139.6
06:00	159.2	.2	71.1	2.5	132.4	4.9	147.3	5.9	149.0
06:15	102.5	.7	80.7	4.2	109.3	4.3	121.1	6.0	145.0
06:30	90.6	1.2	79.6	4.0	85.3	5.5	107.6	6.5	142.0
06:45	92.3	.6	69.6	3.0	85.0	6.0	104.0	7.0	139.0
07:00	83.2	.1	156.1	4.0	86.0	6.0	101.0	7.5	136.0
07:15	76.8	1.8	86.1	5.0	87.0	6.0	100.0	8.0	133.0
07:30	72.8	2.9	82.0	5.5	88.0	6.0	99.0	8.5	128.0
07:45	62.7	2.3	84.7	6.0	88.0	7.0	98.0	8.5	124.0
08:00	71.1	2.9	86.0	6.5	88.1	7.2	96.4	8.8	119.3
08:15	59.6	1.0	83.7	5.6	85.4	6.7	96.8	7.2	134.8
08:30	62.8	1.3	86.6	6.3	84.1	5.9	96.7	6.1	142.1
08:45	85.4	3.1	82.8	6.3	84.6	5.8	120.3	5.5	139.5
09:00	81.9	3.7	80.4	5.7	95.0	5.2	123.1	6.2	149.5
09:15	80.9	4.3	83.2	6.3	91.1	5.0	125.6	6.8	154.3
09:30	79.0	4.8	83.1	5.7	96.5	5.5	129.2	7.8	147.5
09:45	77.0	4.1	74.6	5.3	93.3	5.0	124.7	7.5	152.3
10:00	85.9	3.1	73.1	4.3	99.5	4.2	131.1	5.9	155.3
10:15	91.8	3.1	86.3	4.2	110.9	5.0	143.8	7.7	161.0
10:30	100.5	2.7	99.0	4.0	126.3	6.3	154.1	8.0	165.0
10:45	110.5	2.1	115.6	4.1	138.5	6.1	160.7	8.0	168.0
11:00	111.0	1.6	114.3	4.1	143.7	6.0	166.5	8.3	170.5
11:15	97.9	1.4	111.9	4.1	157.5	6.3	172.7	8.4	189.7
11:30	98.8	.9	117.9	3.8	164.2	6.9	173.9	8.7	190.0
11:45	124.3	.5	140.5	3.6	170.7	6.9	175.7	9.0	192.0
12:00	144.9	.5	174.0	2.3	184.9	8.0	178.9	9.0	194.0
12:15	199.7	.4	230.7	2.2	190.0	10.1	188.9	9.2	196.1
12:30	258.3	.5	242.1	2.1	196.4	7.0	187.0		



## Daily Summary Report

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4/5/2019

Interval: 015m

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00						
00:15						
00:30						
00:45						
01:00						
01:15						
01:30						
01:45						
02:00						
02:15						
02:30						
02:45						
03:00						
03:15	9.9	157.6				
03:30	12.8	147.6				
03:45	12.0	145.0	12.9	141.4		
04:00	12.7	135.2	11.7	136.8	12.9	139.2
04:15	12.1	138.7	13.8	145.7	13.2	139.2
04:30	11.8	139.4	13.1	137.3	13.5	136.3
04:45	11.2	136.0	12.1	133.0	12.8	138.3
05:00	11.2	136.7	13.3	141.5	12.6	134.6
05:15	11.5	138.9	13.2	144.4	12.0	143.0
05:30	12.1	146.7	11.0	147.1	11.4	151.4
05:45	10.4	145.0	10.5	146.0	11.2	149.9
06:00						
06:15						
06:30						
06:45						
07:00						
07:15						
07:30						
07:45						
08:00						
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10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						
12:30						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						
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21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	11.6	142.4	12.4	141.5	12.5	141.5
Max	12.8	157.6	13.8	147.1	13.5	151.4
Hr. of Max	14	13	17	22	18	22
Min	9.9	135.2	10.5	133.0	11.2	134.6
Count	11	11	9	9	8	8
Total						