

Daily Summary Report

Site: ORNL Sodar

11/23/2018

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	6.9	.9	61.5	1.1	61.2	1.3	90.0	1.0
00:15	.3	356.0	.6	73.3	1.1	68.0	1.4	86.3	1.3
00:30	.3	356.0	.5	79.1	1.1	81.9	1.3	93.0	1.5
00:45	.3	306.6	.5	79.2	1.0	90.6	1.4	109.8	2.1
01:00	.3	288.2	.4	68.7	.9	90.5	1.8	118.8	2.7
01:15	.3	311.6	.3	69.7	1.0	95.5	2.1	124.2	3.1
01:30	.2	42.8	.5	90.8	1.2	107.3	2.3	122.7	3.3
01:45	.3	62.2	.8	92.5	1.8	116.0	2.6	132.2	3.8
02:00	.6	52.1	1.2	91.2	2.3	122.6	3.0	153.2	4.4
02:15	.7	51.0	1.5	89.5	2.0	133.2	3.0	164.3	4.5
02:30	.6	24.3	1.0	87.9	1.5	153.6	2.9	179.3	4.5
02:45	.6	41.2	.9	80.9	1.3	169.7	2.7	188.1	4.0
03:00	1.4	74.0	1.3	70.7	1.3	170.0	2.0	191.5	3.7
03:15	1.7	70.2	1.3	50.2	1.2	181.1	2.4	194.4	3.8
03:30	1.4	65.4	1.5	52.0	.9	174.1	2.1	190.4	2.9
03:45	1.1	65.7	1.9	65.1	.8	134.7	1.4	188.2	2.2
04:00	1.1	71.6	2.4	66.4	1.2	97.2	1.2	175.3	2.8
04:15	1.1	72.1	2.9	62.4	1.4	81.4	1.0	151.4	2.5
04:30	.7	72.2	3.1	66.6	1.6	81.6	1.0	129.8	2.0
04:45	.7	79.6	3.0	69.9	2.0	80.4	1.1	111.8	1.4
05:00	.6	70.0	2.5	71.0	2.3	78.2	1.4	95.6	.8
05:15	.2	55.0	1.8	73.0	2.5	77.4	1.6	94.2	.7
05:30	.1	189.9	1.8	70.3	2.6	74.1	1.6	97.8	.8
05:45	.6	72.4	2.6	65.7	2.8	74.8	1.7	100.0	.9
06:00	1.0	71.6	3.1	59.1	3.3	75.6	2.4	88.6	1.6
06:15	.5	56.6	3.6	56.6	3.7	72.6	3.7	78.2	2.5
06:30	.1	316.9	3.2	57.1	3.2	70.1	4.1	78.5	3.9
06:45	.2	214.0	2.4	64.5	2.7	72.6	3.4	81.3	4.5
07:00	.3	204.2	2.2	67.6	2.7	73.3	3.7	82.6	4.8
07:15	.3	136.1	1.8	70.7	2.7	74.5	4.2	83.7	4.4
07:30	.3	96.0	1.6	80.7	2.8	77.6	3.8	85.8	3.8
07:45	.3	293.5	2.0	77.8	2.7	78.2	3.6	90.1	4.5
08:00	.1	27.1	2.2	80.9	2.4	79.9	3.1	92.5	4.8
08:15	1.0	80.0	2.5	82.4	2.4	79.7	2.9	91.8	5.1
08:30	1.6	84.9	3.0	78.0	2.7	81.9	3.3	92.4	6.0
08:45	1.4	84.3	2.9	74.4	2.8	83.2	3.4	91.6	6.1
09:00	.8	81.0	2.3	74.9	2.5	78.3	3.2	87.3	5.8
09:15	1.0	89.7	1.6	77.5	2.1	73.1	2.8	83.2	5.2
09:30	1.1	88.1	1.4	62.9	2.3	66.5	3.3	80.3	4.4
09:45	1.0	88.9	1.8	63.3	2.8	64.1	4.1	79.8	3.8
10:00	.8	96.8	2.1	60.2	2.8	65.0	4.2	79.1	3.2
10:15	.8	91.6	2.2	54.4	2.6	63.8	3.8	78.0	3.0
10:30	.8	73.0	1.7	60.1	2.1	56.3	3.4	77.7	3.0
10:45	.6	57.5	.9	64.1	1.7	58.1	3.0	77.7	2.5
11:00	.7	69.7	.9	86.7	1.3	67.0	2.1	76.4	1.7
11:15	.8	68.5	.8	72.5	.9	61.9	1.5	64.1	1.3
11:30	.7	44.5	.9	30.2	1.1	58.3	1.3	63.3	1.2
11:45	.4	55.7	.5	36.3	.8	69.6	.5	83.9	.6
12:00	.5	110.7	.5	88.9	.4	96.2	.2	90.4	.2
12:15	.3	125.1	.4	99.7	.5	99.0	.3	82.2	.1
12:30	.2	154.5	.5	124.6	.8	104.0	.9	103.1	.9

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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	111.4	.7	133.3	.4	59.3	.3	357.7	1.5	135.0
00:15	110.3	.6	123.4	.4	119.7	.8	70.1	2.7	116.9
00:30	116.4	1.0	124.2	.7	175.6	.4	123.4	2.6	115.8
00:45	131.0	1.8	150.2	1.3	173.0	1.8	194.1	2.5	156.2
01:00	146.4	1.8	167.6	4.5	182.5	2.1	207.0	1.9	191.8
01:15	161.2	2.7	178.9	6.8	183.7	5.0	189.0	.7	273.2
01:30	164.2	4.0	178.8	8.1	184.5	5.2	189.0	.6	89.7
01:45	168.8	5.2	181.8	9.3	187.4	5.4	189.0		
02:00	176.5	6.3	185.6	9.8	186.7	5.6	190.0		
02:15	181.6	6.9	186.9	8.4	181.4	6.0	190.0		
02:30	187.4	7.0	187.7	6.3	182.3	6.4	190.6		
02:45	187.6	5.8	188.1	5.4	182.7	6.3	185.0		
03:00	187.4	5.2	184.6	5.4	178.3	2.5	177.9		
03:15	188.6	5.1	183.3	6.4	179.9	6.4	173.9		
03:30	191.0	3.5	189.8	6.3	183.9	8.0	174.0		
03:45	199.3	2.0	203.5	4.8	184.3	7.1	174.3		
04:00	193.3	2.0	195.3	4.4	178.5	6.5	172.2		
04:15	195.8	2.5	192.4	4.0	180.6	6.3	172.3		
04:30	193.6	3.3	187.1	5.5	180.6	5.3	165.7	6.9	156.9
04:45	175.0	2.5	180.0	4.8	173.9	5.4	156.5	7.4	145.4
05:00	144.8	1.0	160.1	3.2	165.6	5.4	158.2		
05:15	129.7	.7	139.6	2.8	165.6	4.8	162.1		
05:30	136.4	.4	134.7	2.0	160.2	4.3	158.3		
05:45	115.1	.9	96.2	2.1	134.1	4.1	146.0		
06:00	93.5	1.4	85.7	2.3	103.1	3.1	108.0		
06:15	85.5	2.5	84.6	2.5	86.1	3.3	103.1		
06:30	82.7	2.8	88.7	2.1	86.1	3.2	101.6		
06:45	85.7	3.0	88.7	2.0	82.8	2.8	95.8	4.1	85.5
07:00	89.1	3.9	88.7	2.3	75.2	2.8	97.3	4.1	107.5
07:15	92.7	4.0	91.0	3.1	77.6	3.0	95.6	4.3	124.4
07:30	94.2	4.0	94.9	4.2	86.2	3.0	91.8	4.4	118.6
07:45	91.2	4.0	95.0	4.0	89.8	3.5	92.2	5.2	97.2
08:00	90.2	4.7	92.4	3.3	92.7	4.5	89.5	4.9	100.2
08:15	89.7	6.0	93.4	3.9	100.4	4.5	89.9	4.3	99.9
08:30	90.1	5.9	96.1	4.4	119.9	4.4	101.7	5.0	110.0
08:45	90.6	5.1	100.3	4.0	131.4	3.9	123.5	5.5	115.0
09:00	88.5	4.7	105.2	2.9	147.7	3.2	160.0	6.0	120.0
09:15	86.7	4.0	103.0	2.8	169.2	4.0	180.4	7.0	125.0
09:30	88.8	2.8	104.8	3.5	173.5	5.3	180.9	8.0	130.0
09:45	91.2	1.9	111.3	4.1	180.3	6.4	183.2	9.0	135.0
10:00	90.8	1.8	108.2	5.1	184.6	7.0	182.5	10.0	140.0
10:15	89.6	2.0	111.0	5.3	176.4	9.0	175.4	12.0	144.0
10:30	84.7	1.8	105.1	5.6	141.1	9.4	163.3	13.4	148.3
10:45	79.1	1.3	83.4	4.6	158.0	8.4	160.3	13.0	150.0
11:00	88.1	.9	95.9	4.7	163.5	8.9	160.6	12.0	153.0
11:15	75.6	.6	94.3	4.0	169.2	9.2	165.2	11.2	155.4
11:30	45.4	.5	54.0	3.3	175.2	7.6	167.9	9.3	160.4
11:45	31.8	.1	7.0	1.7	182.6	4.3	173.7	7.4	163.1
12:00	281.3	.3	263.2	1.8	184.3	4.2	180.0	7.6	167.0
12:15	116.0	.1	123.4	2.4	168.8	4.9	175.0	9.2	167.4
12:30	109.8	1.1	115.3	2.8	152.1	5.9	163.3	9.2	157.0

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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	1.7	101.6				
01:30						
01:45						
02:00						
02:15						
02:30						
02:45						
03:00						
03:15						
03:30						
03:45						
04:00						
04:15						
04:30						
04:45						
05:00						
05:15						
05:30						
05:45						
06:00						
06:15						
06:30						
06:45						
07:00						
07:15						
07:30						
07:45						
08:00						
08:15						
08:30						
08:45						
09:00						
09:15						
09:30						
09:45						
10:00						
10:15						
10:30	12.2	143.5	14.2	139.3	14.2	144.7
10:45	12.0	145.0				
11:00	11.7	147.0				
11:15	11.4	150.0				
11:30	11.4	152.2				
11:45	12.0	151.0				
12:00	12.0	151.0				
12:15	12.0	151.0				
12:30	13.0	151.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	13.0	151.0				
13:00	13.0	151.0				
13:15	13.0	151.0				
13:30	13.0	151.0				
13:45	13.0	151.0				
14:00	13.0	151.0				
14:15	13.0	151.0				
14:30	14.0	151.0				
14:45	14.0	151.0				
15:00	14.0	151.0				
15:15	14.0	151.0				
15:30	14.0	151.0				
15:45	14.0	151.0				
16:00	15.0	151.0				
16:15	15.0	151.0				
16:30	15.0	151.0				
16:45	15.0	151.0				
17:00	15.0	151.0				
17:15	15.0	151.0				
17:30	15.0	151.0				
17:45	15.0	151.0				
18:00	15.0	151.0				
18:15	15.0	151.0				
18:30	15.0	151.0				
18:45	15.0	151.0				
19:00	16.0	151.0				
19:15	16.0	151.0				
19:30	16.0	151.0				
19:45	16.0	151.0				
20:00	16.0	151.0				
20:15	16.0	151.0				
20:30	16.6	150.8				
20:45	15.1	147.1				
21:00	11.1	144.2				
21:15	9.8	141.9				
21:30	9.1	138.4	9.6	149.2		
21:45	9.5	149.0	10.5	155.0		
22:00	9.5	160.0	11.0	160.0		
22:15	9.5	165.0	11.5	166.0		
22:30	10.0	185.0	12.0	173.0		
22:45	10.1	182.8	12.4	182.3	14.4	179.0
23:00	9.4	186.8	11.2	182.2	14.6	176.2
23:15	9.6	183.7	12.3	179.5	16.1	169.2
23:30	11.1	175.6	14.2	171.4	17.4	165.2
23:45	11.9	172.9	14.6	168.7	17.1	165.2
Avg	13.0	152.9	12.1	166.1	15.6	166.6
Max	16.6	186.8	14.6	182.3	17.4	179.0
Hr. of Max	82	92	95	91	94	91
Min	1.7	101.6	9.6	139.3	14.2	144.7
Count	55	55	11	11	6	6
Total						