

Daily Summary Report

Site: ORNL Sodar

11/22/2018

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	.2	75.4	1.4	33.4	1.4	24.8	.7	31.4	.2
00:15	.3	83.7	1.4	21.7	1.9	19.4	.8	22.5	.3
00:30	.7	80.5	1.4	21.8	1.7	24.6	.8	37.9	.3
00:45	.9	80.4	1.5	24.3	2.0	36.6	1.9	44.6	.8
01:00	1.0	73.5	1.5	27.5	2.9	37.7	3.3	45.0	1.5
01:15	1.1	63.1	1.9	29.7	3.7	38.1	4.0	44.4	1.8
01:30	1.0	64.4	2.3	33.5	3.8	43.4	3.7	43.8	1.7
01:45	.7	70.4	2.2	43.8	3.3	45.9	3.5	47.4	1.6
02:00	.4	55.4	2.1	51.1	2.9	44.8	4.0	44.7	2.6
02:15	.4	45.1	2.0	48.7	2.7	46.3	4.5	45.5	3.0
02:30	.6	65.5	1.9	53.3	2.6	48.4	4.2	48.0	3.4
02:45	.9	64.5	1.9	55.1	2.6	49.4	4.1	44.9	4.2
03:00	.9	55.0	1.7	43.4	2.5	40.9	4.1	39.3	4.4
03:15	.8	53.4	1.6	33.8	2.3	30.9	4.1	31.2	4.7
03:30	.2	18.0	1.3	22.7	1.9	31.6	3.5	27.9	3.3
03:45	.4	328.8	1.3	3.0	1.9	20.3	3.3	23.6	1.7
04:00	.3	337.7	1.0	6.9	2.2	10.5	3.3	19.4	1.0
04:15	.0	287.7	.7	20.2	1.7	8.5	2.6	20.0	1.2
04:30	.0	49.4	1.0	21.8	1.8	6.2	2.8	17.1	2.2
04:45	.1	74.7	1.2	26.9	1.9	3.1	2.9	15.1	2.5
05:00	.4	59.8	1.1	25.2	1.7	5.5	2.9	19.5	2.9
05:15	.6	57.8	.7	30.0	1.4	15.5	2.8	21.7	2.7
05:30	.7	64.7	.4	37.4	1.3	19.5	2.4	22.0	2.3
05:45	.9	71.7	1.0	45.4	1.6	26.4	2.7	26.3	2.6
06:00	.9	68.4	2.1	49.2	2.2	35.4	2.9	31.2	1.8
06:15	.9	63.4	2.1	50.8	2.2	42.7	2.7	38.8	.9
06:30	1.2	66.2	2.3	57.7	2.9	54.3	3.9	48.5	3.5
06:45	1.4	67.2	2.1	49.1	3.7	59.3	4.9	54.0	4.5
07:00	.7	75.5	1.7	36.7	3.4	61.3	4.3	58.2	1.4
07:15	.7	127.5	1.8	39.1	3.1	56.0	4.2	61.3	1.3
07:30	1.2	78.6	1.9	45.1	3.4	56.0	5.3	61.3	3.9
07:45	1.5	67.7	2.5	53.8	3.9	60.3	5.7	61.3	7.0
08:00	1.4	65.6	2.9	50.5	3.7	60.7	5.4	65.4	6.5
08:15	1.3	58.2	2.4	41.3	3.9	56.3	5.6	63.6	5.5
08:30	1.1	65.3	1.7	34.9	4.0	53.1	5.2	60.0	2.8
08:45	1.1	81.7	1.2	36.8	3.5	56.0	4.5	61.4	1.3
09:00	1.0	80.0	1.6	43.9	3.4	54.3	4.7	62.4	2.0
09:15	.8	80.3	1.9	46.4	3.6	48.9	4.8	56.9	2.8
09:30	1.0	93.9	1.6	57.7	3.0	52.0	4.4	53.2	3.8
09:45	1.1	94.8	1.6	61.9	2.9	55.7	3.9	51.4	4.6
10:00	1.1	92.3	1.5	54.6	2.8	52.2	3.7	48.5	5.5
10:15	1.3	90.0	1.4	57.2	2.6	54.1	3.5	51.0	4.9
10:30	1.3	81.2	1.2	81.3	2.2	67.8	3.0	68.4	3.8
10:45	1.4	74.5	1.6	81.7	2.3	75.8	2.9	76.4	3.0
11:00	1.2	71.4	1.8	75.8	2.2	70.4	2.4	70.4	2.5
11:15	.9	84.3	1.6	112.6	1.5	88.7	1.5	83.1	1.7
11:30	.9	114.1	1.8	117.0	1.4	96.8	1.5	84.7	1.3
11:45	.8	104.3	1.5	83.6	1.4	69.6	1.6	74.0	1.4
12:00	1.5	95.2	2.0	74.2	2.1	67.4	2.0	65.7	1.7
12:15	2.0	103.9	2.3	97.3	2.4	75.8	2.4	65.6	2.0
12:30	1.0	104.0	1.3	105.0	1.8	86.5	2.0	79.6	1.7

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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	.7	.1	8.1	.5	353.0	1.3	30.8	2.5	81.8
00:15	11.6	.2	348.1	.5	22.7	1.3	11.0		
00:30	20.2	.4	19.7	.8	29.3				
00:45	51.3	.5	53.7	.6	12.5				
01:00	56.6	.9	40.7	.2	7.0	1.0	106.7		
01:15	53.3	1.6	50.2	.7	80.8	2.9	97.6		
01:30	48.8	1.8	70.3	1.3	79.7	4.4	91.8		
01:45	48.9	1.8	76.1	2.6	83.2	3.3	87.0		
02:00	46.0	1.9	68.6	1.5	76.2	2.4	82.2		
02:15	44.1	1.9	62.1	.5	57.3	2.7	80.2		
02:30	39.9	2.0	59.2	.4	25.6	3.6	85.8		
02:45	38.9	2.0	41.8	1.1	12.4	1.4	78.1		
03:00	35.9	2.7	21.9	2.9	9.9				
03:15	26.4	3.4	21.5	3.0	15.1				
03:30	21.8	2.4	29.8	1.6	18.1				
03:45	15.4	1.8	26.3	1.2	8.3				
04:00	16.5	1.9	19.7	.5	11.5	.8	244.1		
04:15	29.4	1.6	32.0	.4	100.9	.3	170.0		
04:30	20.0	1.9	19.6	.3	85.0				
04:45	19.6	2.5	12.9	.3	60.0				
05:00	19.5	3.1	13.1	.2	50.0				
05:15	17.3	2.3	12.9	.2	36.5				
05:30	26.7	.7	34.1	.1	160.0				
05:45	34.8	1.4	37.4	1.3	23.0				
06:00	34.1	1.6	23.6	2.0	24.0				
06:15	44.8	.5	52.9	2.5	25.0				
06:30	41.9	2.6	41.4	3.0	27.0				
06:45	37.3	2.6	29.5	3.6	28.8				
07:00	44.9	.5	69.4	2.4	56.1				
07:15	73.0	1.0	67.1	3.0	55.5				
07:30	77.7	2.1	68.8	5.7	61.6				
07:45	72.2	4.8	69.2	8.1	50.3				
08:00	60.6	3.6	43.7	5.6	43.1				
08:15	66.0	2.0	78.5	2.3	82.6				
08:30	65.2	.6	82.0	1.5	80.7				
08:45	62.1	.1	51.4	1.8	77.0				
09:00	53.0	.5	76.1	2.0	75.0				
09:15	65.0	3.0	70.0	2.3	73.0				
09:30	75.8	5.0	64.0	2.5	70.0				
09:45	54.7	7.0	53.0	2.5	67.0				
10:00	42.4	8.9	40.0	2.8	65.0				
10:15	53.9	6.0	60.0	2.8	62.0				
10:30	67.5	4.1	78.4	3.0	60.0				
10:45	75.7	2.9	80.6	3.2	57.0				
11:00	69.9	2.2	65.3	3.4	55.0				
11:15	70.1	2.0	61.1	3.0	48.3	3.2	36.9		
11:30	70.7	1.8	52.2	3.0	28.6	3.2	32.4		
11:45	66.8	1.5	44.9	3.2	17.4	3.7	22.5		
12:00	60.2	1.7	40.7	2.7	15.4	3.4	20.7		
12:15	47.9	2.7	19.2	2.7	7.6	3.0	19.9		
12:30	70.9	2.1	30.7	2.2	15.7	2.6	23.4	3.1	31.2

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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						
01:30						
01:45						
02:00						
02:15						
02:30						
02:45						
03:00						
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08:30						
08:45						
09:00						
09:15						
09:30						
09:45						
10:00						
10:15						
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	3.9	53.7				
13:00	4.9	31.3				
13:15	5.6	21.6				
13:30	6.0	6.6				
13:45	6.8	356.1				
14:00	6.6	350.3				
14:15	6.2	346.6				
14:30	6.5	339.5				
14:45	6.4	342.5				
15:00	5.7	355.7				
15:15	6.0	3.6				
15:30	6.5	30.8				
15:45						
16:00						
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						
17:45						
18:00						
18:15						
18:30						
18:45						
19:00						
19:15						
19:30						
19:45						
20:00						
20:15						
20:30						
20:45						
21:00						
21:15						
21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	5.9	186.5				
Max	6.8	356.1				
Hr. of Max	55	55				
Min	3.9	3.6				
Count	12	12	0	0	0	0
Total						