

Daily Summary Report

Site: ORNL Sodar

2/22/2019

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	1.9	40.2	2.9	32.7	5.3	29.0	7.4	28.9	9.6
00:15	2.1	36.9	2.8	37.3	5.3	30.4	7.4	28.4	10.0
00:30	2.2	18.0	3.1	23.2	5.5	24.0	7.7	23.3	9.9
00:45	2.0	6.1	3.4	19.1	6.5	18.0	8.6	18.8	10.3
01:00	2.6	17.2	4.6	24.5	7.4	21.2	9.7	20.0	11.8
01:15	3.5	11.1	5.1	21.2	7.7	18.5	9.9	20.2	11.7
01:30	3.1	2.0	4.2	26.3	7.7	16.7	9.3	22.9	11.1
01:45	1.7	131.7	5.1	56.7	7.6	39.7	9.6	43.6	12.1
02:00	2.3	58.1	5.5	61.8	7.8	57.4	9.5	57.7	12.7
02:15	4.1	80.0	4.3	69.9	7.3	63.0	8.5	60.4	11.4
02:30	3.2	82.9	4.3	78.3	6.2	65.0	7.3	58.5	9.7
02:45	4.4	85.7	4.8	80.0	6.3	68.1	7.7	61.4	10.5
03:00	4.6	85.9	5.4	83.8	6.8	69.6	8.6	63.5	11.0
03:15	3.8	85.3	5.0	83.3	6.6	65.3	8.4	61.7	11.1
03:30	2.5	79.1	2.9	74.2	6.0	57.7	8.0	53.9	10.0
03:45	1.7	76.4	2.2	72.7	5.0	57.5	7.2	49.0	9.1
04:00	.6	55.6	2.5	78.0	4.5	67.6	6.6	60.1	9.5
04:15	.4	56.5	2.6	71.4	4.4	61.0	6.8	60.2	9.4
04:30	.7	73.5	1.8	58.0	3.9	51.0	6.4	49.0	8.6
04:45	.6	61.9	2.0	70.4	4.0	52.9	6.2	44.0	8.4
05:00	.8	60.9	2.3	75.7	4.6	54.3	6.8	47.7	9.2
05:15	.6	36.9	2.4	72.4	5.2	55.0	7.6	51.8	9.9
05:30	1.1	66.8	3.1	75.9	5.3	59.5	7.7	55.8	10.1
05:45	1.2	71.6	2.9	72.7	4.7	61.9	6.7	55.6	9.6
06:00	.7	59.4	2.3	77.2	4.0	64.5	6.3	56.0	9.1
06:15	.6	62.6	2.0	86.7	3.6	68.7	5.8	63.4	8.3
06:30	.4	72.5	1.8	84.8	2.9	68.2	5.4	69.8	7.8
06:45	1.3	77.0	2.4	78.4	3.8	63.5	6.6	66.0	8.4
07:00	1.4	68.8	1.8	75.9	3.2	54.9	5.5	54.2	8.0
07:15	.5	58.8	1.0	84.8	2.2	58.9	4.0	55.8	7.0
07:30	.6	71.0	.9	89.2	2.1	65.0	4.0	64.3	6.6
07:45	.2	65.7	.9	81.0	2.2	58.5	3.5	60.7	6.4
08:00	.2	95.9	1.3	65.1	2.9	56.6	3.7	60.0	6.7
08:15	.6	93.1	1.4	69.6	3.3	62.3	4.3	60.4	7.3
08:30	.7	85.3	2.2	73.1	4.2	61.8	5.4	65.9	8.0
08:45	1.1	82.8	2.6	71.6	4.2	55.8	5.4	64.8	8.2
09:00	1.4	84.7	1.9	72.4	3.6	55.0	4.6	59.1	7.8
09:15	.8	86.1	1.4	79.3	3.3	54.8	4.6	56.9	7.5
09:30	.1	85.5	1.6	95.1	3.2	54.8	4.7	52.3	7.4
09:45	.1	342.9	2.1	90.6	3.6	61.2	5.3	54.1	7.9
10:00	.2	39.6	1.7	85.1	3.8	64.0	5.8	57.5	8.2
10:15	.5	69.7	1.1	86.0	3.3	67.9	5.2	62.4	7.7
10:30	.6	66.7	.6	81.5	2.4	64.2	4.2	58.0	7.1
10:45	.4	60.0	.8	83.9	2.4	62.7	3.9	54.7	7.5
11:00	.5	75.3	1.2	79.5	2.9	66.2	4.4	60.2	8.1
11:15	.6	76.0	1.1	82.1	2.9	67.7	4.9	63.5	8.4
11:30	.4	70.2	1.1	93.7	2.8	65.3	5.3	58.2	8.8
11:45	.2	32.3	.6	86.8	1.5	57.9	3.2	46.9	6.4
12:00	.3	46.4	.1	66.6	.9	56.1	1.8	64.6	4.2
12:15	.2	71.5	.2	92.3	.8	50.4	2.0	66.2	4.6
12:30	.3	61.1	.4	81.2	.9	46.7	1.6	57.8	4.8

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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	32.9	8.1	35.8	8.9	48.6	7.8	75.0		
00:15	28.5	9.0	27.7	9.0	43.5	7.8	73.0		
00:30	22.0	9.6	24.8	8.8	40.8	7.9	72.8		
00:45	16.5	9.5	18.0	8.6	32.5	5.9	64.4		
01:00	14.9	8.7	23.1	8.6	35.2	5.5	69.0		
01:15	15.7	9.3	21.0	9.1	33.3	5.0	25.0		
01:30	21.7	10.3	18.0	10.0	40.0	8.0	35.0		
01:45	43.6	12.0	37.3	11.0	50.0	11.0	50.0		
02:00	57.3	15.0	57.7	12.4	63.4	14.0	60.0		
02:15	59.7	12.8	60.5	14.3	61.8	17.6	70.5		
02:30	56.1	11.7	58.9	14.8	63.9	17.3	70.0		
02:45	57.2	11.9	61.8	14.8	68.4	17.1	70.0		
03:00	60.3	12.5	65.8	15.3	71.4	16.9	70.0		
03:15	61.8	12.8	66.4	15.0	69.5	16.7	70.0		
03:30	61.6	12.4	65.2	13.6	67.8	16.5	70.0		
03:45	61.1	11.2	64.5	12.2	65.7	16.3	70.0		
04:00	64.1	11.3	67.0	10.9	63.9	16.1	70.0		
04:15	61.3	11.3	68.1	9.9	64.0	15.9	70.0		
04:30	56.1	10.7	64.4	12.4	69.9	15.7	70.0		
04:45	52.9	10.8	59.0	12.6	57.2	15.5	70.0		
05:00	52.9	11.2	58.3	13.9	58.4	15.3	70.0		
05:15	56.9	12.0	60.5	14.0	67.9	15.1	70.0		
05:30	59.5	12.1	63.9	13.5	67.2	14.9	70.0		
05:45	58.6	11.7	65.6	13.5	67.4	14.7	70.0		
06:00	59.6	11.1	68.3	13.0	73.0	14.5	70.0		
06:15	67.8	10.1	77.0	12.4	80.5	14.3	70.0		
06:30	76.7	9.6	80.6	13.0	81.0	14.1	70.0		
06:45	72.2	11.9	78.3	13.5	82.0	13.9	70.0		
07:00	64.0	11.1	74.5	14.0	83.0	13.7	70.0		
07:15	67.9	8.8	78.0	14.5	85.0	13.5	70.0		
07:30	72.6	9.2	83.2	14.9	86.3	13.3	70.0		
07:45	73.8	9.4	83.0	14.5	84.0	13.1	70.0		
08:00	69.5	8.4	72.3	14.0	83.0	12.9	70.0		
08:15	66.0	9.3	67.6	13.0	82.0	12.7	70.0		
08:30	71.5	9.7	72.5	11.7	81.4	12.5	70.0		
08:45	69.2	9.6	66.2	11.8	77.9	12.3	70.0		
09:00	63.4	9.1	59.6	11.2	73.4	12.1	70.0		
09:15	58.0	9.4	56.5	11.5	67.3	11.9	70.0		
09:30	53.6	9.9	52.8	11.0	61.7	12.2	68.4	9.4	55.9
09:45	53.1	10.0	52.8	10.6	64.8	11.6	66.8	9.6	53.8
10:00	54.0	10.2	51.2	10.2	64.4	9.9	69.4	8.5	68.0
10:15	58.5	9.9	50.4	11.0	63.3	10.3	72.3	9.5	62.0
10:30	56.2	9.7	53.2	11.2	64.3	10.8	66.5	9.5	61.0
10:45	52.1	9.9	52.7	11.4	62.2	11.3	64.0	10.0	56.0
11:00	52.2	10.0	51.1	12.0	58.2	12.0	67.0	10.0	60.0
11:15	48.8	10.8	49.6	12.0	58.6	12.4	65.0	9.5	62.0
11:30	47.8	11.7	46.7	12.3	57.0	12.0	65.0	9.0	64.0
11:45	49.0	9.6	46.7	11.1	51.4	11.5	65.0	8.5	66.0
12:00	61.1	7.6	50.8	10.6	54.5	11.0	64.0	8.0	68.0
12:15	59.0	8.2	49.1	11.0	62.0	10.5	64.0	7.0	68.0
12:30	46.2	8.9	43.5	11.8	61.3	10.0	64.0	6.8	68.0

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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						
01:30						
01:45						
02:00						
02:15						
02:30						
02:45						
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07:00						
07:15						
07:30						
07:45						
08:00						
08:15						
08:30						
08:45						
09:00						
09:15						
09:30	6.1	57.1				
09:45	6.7	55.7				
10:00	6.5	53.5				
10:15	7.6	46.0				
10:30	7.8	45.4				
10:45	7.9	49.4				
11:00	8.5	54.0				
11:15	8.5	56.0				
11:30	8.3	58.0				
11:45	8.3	60.0				
12:00	8.0	63.0				
12:15	8.0	65.0				
12:30	7.8	68.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	7.5	72.0				
13:00	7.3	77.0				
13:15	7.1	83.2				
13:30	7.5	84.0				
13:45	7.5	85.0				
14:00	7.5	85.0				
14:15	7.5	87.0				
14:30	7.6	89.0				
14:45	7.7	91.0				
15:00						
15:15						
15:30						
15:45						
16:00						
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						
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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	7.6	67.5				
Max	8.5	91.0				
Hr. of Max	45	59				
Min	6.1	45.4				
Count	22	22	0	0	0	0
Total						