

Daily Summary Report

Site: ORNL Sodar

3/25/2018

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	.7	56.8	1.0	87.4	3.3	65.8	4.7	69.1	6.7
00:15	.8	81.7	1.4	72.3	4.4	68.6	6.1	64.1	9.0
00:30	.2	253.4	1.7	62.7	7.2	63.9	11.1	57.0	12.1
00:45	2.7	87.6	2.2	78.0	7.1	62.9	9.9	57.3	11.9
01:00	.2	13.8	3.0	81.0	5.6	72.7	8.3	65.0	10.9
01:15	.4	107.1	1.3	77.7	5.8	68.6	8.3	64.9	10.7
01:30	.6	90.8	1.4	81.7	4.3	63.6	7.0	62.0	9.8
01:45	2.2	85.3	1.5	90.0	3.3	72.3	5.6	68.7	8.4
02:00	4.8	87.8	3.4	85.3	3.9	76.7	5.7	72.7	7.6
02:15	3.5	88.2	.8	69.1	3.3	67.2	5.2	73.1	6.6
02:30	.8	79.9	.7	76.2	2.3	61.3	3.7	67.2	5.7
02:45	.7	76.6	.4	87.9	1.9	69.0	3.6	66.1	5.2
03:00	1.6	84.1	.7	91.7	2.4	70.2	4.5	66.8	5.9
03:15	1.1	78.3	.4	86.6	2.1	67.1	4.0	63.6	5.9
03:30	.6	51.0	.1	34.0	1.8	61.9	3.1	62.8	4.9
03:45	.7	62.8	.5	73.4	2.2	65.1	3.7	67.6	5.3
04:00	.7	59.5	.7	77.7	2.7	62.2	4.8	58.4	6.7
04:15	.6	55.0	.5	64.4	2.9	58.2	4.8	51.6	7.0
04:30	.5	72.1	.8	80.8	2.8	62.7	4.2	63.4	6.6
04:45	1.3	84.1	1.3	79.7	3.1	60.4	4.7	62.8	6.9
05:00	1.0	82.1	1.3	76.8	3.4	56.5	4.9	58.9	7.6
05:15	.2	334.4	1.1	86.4	4.0	66.2	4.7	67.2	7.2
05:30	.3	333.0	.8	89.9	3.9	71.9	3.9	66.2	6.7
05:45	.3	334.7	.3	82.6	2.0	70.3	3.7	69.4	7.5
06:00	.2	351.9	.6	71.0	2.6	77.5	4.7	75.5	7.7
06:15	.2	349.1	.8	71.2	2.7	73.3	4.2	71.2	6.6
06:30	.5	7.6	.6	65.1	2.2	65.3	3.1	64.8	4.6
06:45	.6	25.0	.5	63.6	1.9	65.9	2.8	60.1	2.8
07:00	.7	38.6	.4	100.9	1.5	62.7	2.8	60.8	4.7
07:15	.5	14.2	.4	109.2	1.1	49.1	2.3	65.0	3.9
07:30	.5	337.3	.5	100.7	1.1	43.7	2.6	64.2	3.6
07:45	.4	338.2	.4	69.6	1.4	47.5	2.6	59.2	4.7
08:00	.4	342.5	.4	36.9	1.6	49.0	2.5	61.9	5.7
08:15	.4	346.8	.5	54.2	1.6	49.0	2.8	71.5	6.2
08:30	.4	10.0	.4	44.3	1.3	49.1	2.1	66.5	5.0
08:45	.5	20.4	.2	67.4	1.1	50.2	1.7	58.6	3.4
09:00	.4	3.7	.3	108.5	1.0	56.9	2.1	70.6	4.8
09:15	.3	7.2	.2	110.1	1.0	57.2	1.8	69.8	4.6
09:30	.3	21.5	.2	77.6	1.0	79.1	1.3	68.1	2.5
09:45	.2	14.1	.6	79.9	1.5	80.3	1.9	69.8	2.5
10:00	.3	69.9	.6	92.5	1.5	67.6	2.1	67.1	3.0
10:15	.7	79.8	.6	65.0	1.6	66.5	2.2	69.4	3.1
10:30	1.8	80.6	1.8	73.5	2.9	75.5	3.4	74.7	3.2
10:45	1.5	78.0	2.5	82.6	3.0	82.7	3.3	74.8	3.3
11:00	.9	75.7	2.4	78.8	2.9	68.0	2.9	62.5	3.2
11:15	1.0	84.2	2.5	62.9	3.5	51.1	3.7	53.0	3.9
11:30	1.0	74.4	1.9	51.0	2.7	47.7	3.0	49.9	3.6
11:45	.9	73.7	1.1	44.6	1.8	43.9	1.9	49.9	2.5
12:00	1.3	80.4	1.7	75.7	2.3	63.0	2.5	63.2	3.1
12:15	1.5	73.2	2.5	72.7	3.4	72.4	3.5	74.5	3.8

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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	78.4	9.0	75.5	10.5	78.4	7.7	83.4	6.5	90.8
00:15	64.2	11.2	60.0	11.8	76.4	10.7	78.6	8.7	74.8
00:30	54.5	14.5	51.9	13.7	56.3	12.5	66.0	7.5	56.6
00:45	52.3	13.6	54.6	14.3	57.3	12.3	65.9	8.3	60.2
01:00	53.6	12.7	54.7	13.8	55.1	12.2	63.7	8.8	62.9
01:15	54.8	12.2	57.5	14.5	54.1	11.6	67.7	9.5	64.6
01:30	53.7	11.5	59.4	15.9	64.0	11.8	66.4	10.2	67.3
01:45	59.9	10.8	62.8	14.2	71.8	10.8	64.1	9.6	55.3
02:00	68.6	10.2	69.1	12.6	76.7	9.8	66.8	8.9	55.7
02:15	71.4	9.3	71.6	11.4	78.5	10.6	73.5	8.1	59.4
02:30	69.6	8.1	70.5	10.0	80.8	11.5	81.5	8.4	63.7
02:45	73.0	7.7	73.2	9.6	80.9	9.7	82.4	8.0	68.0
03:00	73.4	7.9	78.5	9.8	79.7	8.3	76.9	6.8	55.1
03:15	72.9	7.0	79.2	9.3	80.6	7.9	80.5	5.8	56.1
03:30	72.4	7.1	76.2	8.9	80.8	7.8	83.6	5.7	71.0
03:45	73.1	8.0	72.9	8.7	77.3	7.8	85.4	6.3	71.5
04:00	64.3	9.0	60.6	8.2	70.9	7.4	79.5	5.6	80.7
04:15	51.9	9.8	49.0	8.1	63.8	7.4	74.3	5.5	78.0
04:30	54.4	9.4	48.1	8.6	60.5	7.3	74.0	6.2	79.5
04:45	57.4	9.2	48.7	9.1	59.6	7.0	74.6	6.4	85.2
05:00	54.6	10.3	50.3	9.6	58.3	6.9	76.7	5.4	86.6
05:15	62.1	11.1	55.7	10.1	56.9	7.5	73.7	6.1	86.8
05:30	72.3	10.3	61.1	11.2	55.2	9.0	63.1	7.1	78.2
05:45	73.8	10.2	62.1	11.4	53.7	10.0	58.3	7.0	72.2
06:00	70.3	10.2	63.2	11.3	57.4	10.3	57.3	6.7	68.1
06:15	70.2	9.5	64.9	11.9	68.6	9.2	57.5	6.3	59.3
06:30	68.7	8.6	66.6	12.3	67.2	8.1	58.1	6.3	62.1
06:45	59.8	8.1	68.7	13.0	70.7	9.0	59.8	6.7	72.0
07:00	75.6	8.2	70.5	12.8	72.9	9.5	64.8	7.9	68.0
07:15	74.8	7.2	75.1	11.9	74.5	13.2	82.9	8.8	67.5
07:30	74.7	8.8	75.1	12.5	74.5	14.7	88.7	9.0	88.0
07:45	75.1	9.3	68.5	13.0	71.6	14.5	83.8	9.7	77.6
08:00	77.3	9.2	72.7	13.4	70.8	13.8	73.1	9.6	66.8
08:15	79.7	9.1	76.1	13.3	69.7	14.7	73.5	9.4	67.7
08:30	78.7	8.8	74.0	12.4	67.4	14.3	75.7	9.1	77.2
08:45	75.8	8.5	76.0	11.5	65.7	13.9	74.8	9.0	80.8
09:00	78.3	8.4	70.8	11.4	67.8	14.2	74.8	9.7	68.6
09:15	79.6	7.7	71.7	11.6	69.8	13.2	77.1	10.0	75.9
09:30	75.9	6.7	78.7	10.7	67.5	12.9	76.0	11.6	91.1
09:45	73.5	6.2	82.2	9.9	66.0	12.7	74.4	11.0	72.0
10:00	73.4	6.3	79.1	9.3	69.2	12.3	74.2	10.4	66.0
10:15	70.3	5.7	76.2	8.8	69.1	11.7	74.1	10.0	69.2
10:30	76.9	4.3	75.2	7.8	67.5	10.4	73.6	11.3	71.4
10:45	83.1	4.4	77.6	6.9	69.6	8.9	73.1	11.4	65.4
11:00	71.5	4.4	69.8	5.9	73.1	8.0	73.3	9.8	77.7
11:15	57.9	4.7	61.5	5.7	72.7	8.4	81.1	9.5	88.0
11:30	55.2	4.4	60.0	5.4	70.6	8.6	85.6	9.8	90.0
11:45	61.1	2.9	55.0	4.5	65.7	7.0	82.5	8.1	88.3
12:00	72.1	2.8	68.0	4.5	70.2	4.9	79.5	6.5	86.5
12:15	78.9	3.4	75.6	5.3	77.7	4.9	81.6	6.8	91.4

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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	3.6	138.6	6.8	225.8		
00:15	5.8	102.0	5.3	127.6		
00:30	6.0	90.0				
00:45	7.0	80.0				
01:00	8.0	70.0				
01:15	9.0	60.0				
01:30	9.3	52.4				
01:45	7.7	42.8	3.9	38.8		
02:00	6.8	44.2	1.6	52.9		
02:15	6.5	44.4	3.4	59.2	4.0	276.3
02:30	6.1	41.2	3.5	54.1	2.3	298.9
02:45	6.3	45.5	3.5	57.3	1.9	300.8
03:00	6.4	42.0				
03:15	4.9	44.1				
03:30	3.9	63.0				
03:45	3.8	68.0				
04:00	3.7	73.3				
04:15	4.0	80.0				
04:30	5.0	87.0				
04:45	5.8	95.5				
05:00	6.0	90.0				
05:15	7.0	86.0				
05:30	8.0	82.4				
05:45	7.5	85.2				
06:00	6.0	88.8				
06:15	5.6	84.3				
06:30	6.5	81.2				
06:45	7.3	84.4				
07:00	6.3	82.7				
07:15	6.4	79.9				
07:30	7.1	79.3				
07:45	7.0	71.9				
08:00	6.7	73.1				
08:15	6.3	74.9	5.1	101.0		
08:30	6.4	72.6	4.3	97.1	.8	188.9
08:45	7.7	71.2	5.3	90.2		
09:00	7.5	70.1	6.5	88.0		
09:15	6.4	71.7	5.6	89.5	8.8	89.1
09:30	7.0	73.5	4.3	90.2	6.8	89.9
09:45	7.7	71.9	4.0	84.0	5.0	84.0
10:00	8.4	66.9	5.0	72.9	4.0	78.6
10:15	8.2	61.9	5.9	63.9	4.5	80.0
10:30	7.1	62.9	5.3	63.6	5.0	81.0
10:45	7.3	67.1	5.3	63.2	6.0	83.0
11:00	8.1	82.5	5.4	67.4	6.8	84.8
11:15	8.0	83.5	4.2	90.0	5.0	86.0
11:30	8.3	80.2	3.7	87.5	4.0	87.1
11:45	7.3	84.8	5.1	90.8	3.2	97.4
12:00	6.8	92.0	5.8	95.2	1.7	133.8
12:15	6.5	93.2	6.4	89.8	1.9	110.5

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	8.1	102.0	6.7	88.0		
12:45	8.0	95.3	7.0	88.0		
13:00	7.2	94.4	7.3	87.3		
13:15	7.1	97.5	7.5	95.0		
13:30	6.8	98.0	7.8	100.0		
13:45	7.3	111.7	8.0	110.0		
14:00	7.2	105.4	8.3	115.0		
14:15	6.3	95.2	8.5	122.4		
14:30	5.8	93.0	7.6	123.5		
14:45	5.7	99.1				
15:00	6.0	114.9				
15:15						
15:30						
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						
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21:00						
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21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	6.7	79.0	5.6	90.0	4.2	132.4
Max	9.3	138.6	8.5	225.8	8.8	300.8
Hr. of Max	06	00	57	00	37	11
Min	3.6	41.2	1.6	38.8	.8	78.6
Count	61	61	33	33	17	17
Total						