

Daily Summary Report

Site: ORNL Sodar

5/29/2018

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	2.6	45.3	4.3	53.6	6.2	49.8	7.8	50.3	9.6
00:15	2.5	52.9	4.8	55.2	6.5	50.4	8.1	50.0	9.9
00:30	2.8	65.6	5.1	62.6	6.3	55.7	7.6	53.9	9.8
00:45	3.7	74.9	5.0	65.3	6.1	58.9	7.4	57.5	9.6
01:00	4.6	77.9	4.7	60.6	6.4	58.2	8.0	57.5	9.6
01:15	3.5	74.7	4.9	60.6	6.9	57.6	8.6	58.0	9.3
01:30	3.0	77.0	5.2	63.0	7.0	57.2	8.6	58.5	8.8
01:45	2.0	80.0	4.5	69.5	6.3	62.3	7.8	62.8	8.6
02:00	1.5	83.0	2.7	86.5	4.3	76.7	6.0	74.0	7.4
02:15	1.0	87.4	1.9	83.9	2.9	79.1	4.5	75.1	6.0
02:30	1.2	73.9	2.3	71.3	3.2	66.3	4.8	65.1	6.1
02:45	1.5	74.1	3.1	67.3	3.9	64.9	5.0	64.4	6.1
03:00	1.9	74.5	3.5	63.6	4.2	62.8	5.3	66.1	6.1
03:15	3.7	78.0	3.8	60.6	4.7	60.3	6.0	62.3	6.4
03:30	5.6	81.6	3.9	54.1	5.3	56.7	6.5	57.4	6.5
03:45	4.6	76.8	3.8	56.1	5.4	51.4	6.9	53.3	7.1
04:00	3.7	71.3	3.9	56.8	5.5	50.1	7.1	51.5	8.1
04:15	4.6	78.2	4.0	54.9	5.5	49.9	7.0	52.4	8.3
04:30	5.8	81.2	4.4	61.4	5.6	55.2	6.9	54.3	8.6
04:45	4.9	80.0	4.5	66.6	5.8	60.0	7.1	57.0	9.3
05:00	4.5	76.5	5.1	64.8	6.2	58.3	8.0	58.5	9.9
05:15	5.5	77.5	5.0	60.3	6.3	56.0	8.2	56.4	10.1
05:30	4.9	74.9	4.2	58.8	6.0	51.5	8.0	52.9	10.0
05:45	4.8	74.3	4.1	56.5	5.9	50.0	7.6	52.8	9.8
06:00	5.4	76.1	4.6	54.8	6.0	52.2	7.6	54.2	9.5
06:15	4.6	71.1	4.5	57.8	6.1	53.9	7.6	54.1	9.6
06:30	4.8	74.5	4.3	61.1	5.8	55.1	7.4	55.2	9.5
06:45	5.7	77.7	4.6	60.4	5.9	56.2	7.6	54.9	9.4
07:00	5.6	79.9	4.8	62.5	6.4	59.4	7.8	57.0	9.3
07:15	3.5	67.8	4.8	63.3	6.7	58.2	8.2	56.4	9.4
07:30	5.4	71.2	5.1	58.6	7.1	54.4	8.8	53.7	10.1
07:45	5.0	75.0	5.3	55.8	7.7	54.7	9.0	54.5	10.8
08:00	5.1	74.7	4.7	53.5	7.4	55.2	9.0	55.2	10.9
08:15	4.6	82.0	4.5	55.0	7.1	56.0	9.0	55.8	10.8
08:30	5.8	74.1	5.7	58.0	7.4	56.6	9.0	56.7	11.3
08:45	5.9	80.0	6.4	56.8	7.9	54.7	9.8	55.8	12.0
09:00	5.8	72.2	6.3	56.3	8.5	54.2	10.5	56.3	11.9
09:15	5.3	64.7	5.9	58.8	8.5	55.6	10.3	57.2	11.9
09:30	5.8	66.3	5.8	63.5	7.8	59.3	9.8	58.4	11.6
09:45	5.9	78.5	5.1	65.0	7.3	62.7	9.2	62.4	10.5
10:00	4.9	83.9	3.1	70.8	6.3	67.7	8.1	65.3	9.6
10:15	5.4	86.9	3.3	74.0	5.6	67.4	7.3	62.5	8.9
10:30	6.9	86.5	4.7	74.7	5.8	62.7	7.5	61.8	8.8
10:45	5.9	82.9	4.3	73.8	5.9	61.4	7.9	59.8	8.7
11:00	5.2	75.7	4.5	71.7	6.2	59.3	8.1	59.0	8.7
11:15	6.3	77.3	4.7	72.3	6.1	67.4	7.7	66.8	8.6
11:30	6.7	74.9	4.4	75.1	5.9	68.3	7.4	67.8	8.4
11:45	6.0	71.1	4.6	64.4	6.3	62.1	7.4	62.6	8.8
12:00	2.6	63.3	3.5	53.4	5.7	62.0	7.0	58.2	7.9
12:15	1.7	65.6	2.7	66.8	3.8	66.9	5.2	60.7	6.9

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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	54.3	10.8	59.7	11.9	60.9	13.6	69.4		
00:15	54.1	10.8	60.5	11.7	64.7	12.0	75.0		
00:30	56.3	10.7	62.4	11.5	65.8	11.0	80.0		
00:45	58.6	10.3	63.3	11.8	67.9	10.0	90.0		
01:00	59.7	9.9	67.2	11.4	78.7	9.7	99.4		
01:15	61.5	10.0	68.8	11.3	79.6	9.2	99.6		
01:30	63.4	9.7	68.9	12.2	74.3	9.2	102.0		
01:45	69.3	9.7	73.3	12.2	79.2	9.2	105.0		
02:00	80.0	9.3	83.7	10.0	95.0	9.1	108.0		
02:15	78.9	8.1	85.0	8.7	101.6	9.0	111.6		
02:30	73.2	7.4	81.0	7.7	99.3	7.5	116.1		
02:45	75.6	7.5	82.0	6.8	104.4	6.6	126.7		
03:00	78.3	7.6	85.8	6.8	113.9	7.2	131.1	11.6	136.7
03:15	78.2	7.6	85.7	6.3	112.1	7.4	129.4	11.3	137.1
03:30	73.7	7.0	83.3	5.9	114.9	8.0	137.3	12.4	139.6
03:45	68.2	7.0	79.0	5.7	112.5	7.8	142.4	12.5	136.6
04:00	62.8	7.9	70.7	6.4	93.8	5.8	123.2	11.0	148.7
04:15	60.4	8.5	69.3	6.8	82.6	5.3	103.7	10.0	140.0
04:30	61.9	9.2	70.8	8.2	77.3	5.4	101.7		
04:45	60.9	10.0	68.5	9.0	73.0	5.6	99.7		
05:00	61.8	10.7	66.3	10.0	70.0	5.8	97.7		
05:15	62.0	10.8	62.5	10.8	66.7	6.1	95.7		
05:30	57.1	10.7	58.6	10.1	81.4	6.3	93.7		
05:45	57.5	11.0	54.7	10.0	97.5	6.5	91.7		
06:00	63.3	10.3	60.2	10.2	85.9	6.7	89.7		
06:15	60.5	10.1	65.7	10.1	79.2	7.0	88.7		
06:30	59.4	10.5	64.2	9.7	78.0	7.2	87.7		
06:45	59.7	10.3	64.3	9.3	77.7	7.4	86.7		
07:00	56.7	10.0	63.7	10.2	72.9	7.6	85.7		
07:15	56.4	11.1	60.4	11.7	63.3	7.8	84.7		
07:30	55.9	11.5	62.3	12.3	67.7	8.1	83.7		
07:45	55.6	11.6	64.0	12.5	68.5	8.3	82.7		
08:00	57.0	12.8	59.5	12.3	72.9	8.5	81.7		
08:15	60.2	12.6	60.8	12.4	66.5	8.7	80.7		
08:30	63.8	11.8	63.0	12.0	75.0	8.9	79.7		
08:45	64.2	11.6	68.2	11.2	82.4	9.2	78.7		
09:00	63.8	11.7	73.3	12.3	72.5	9.4	77.7		
09:15	63.8	11.8	73.6	12.3	72.0	9.5	76.7		
09:30	64.7	12.1	73.6	12.2	72.0	9.6	75.7		
09:45	67.8	12.0	74.2	12.1	72.0	9.7	74.7		
10:00	72.2	10.9	74.8	12.0	72.0	9.8	73.7		
10:15	70.7	10.4	73.9	11.9	72.0	10.0	72.7		
10:30	69.3	10.5	73.2	11.8	72.0	10.1	71.7		
10:45	67.8	10.4	71.4	11.8	72.0	10.2	70.7		
11:00	66.9	10.0	70.8	11.7	72.0	10.3	69.7		
11:15	72.4	9.6	72.6	11.7	72.3	10.4	68.7		
11:30	69.5	9.8	70.5	12.1	70.1	10.6	67.7		
11:45	64.6	10.3	68.8	11.9	67.4	10.7	66.7		
12:00	64.1	9.9	67.2	11.5	67.3	11.8	66.3		
12:15	67.3	8.7	63.1	10.8	65.9	11.0	69.8		

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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						
03:15						
03:30	12.7	135.0	14.8	135.9	15.3	134.7
03:45	12.2	136.0	14.2	135.5		
04:00	11.7	138.1	14.0	135.0		
04:15	12.8	130.6				
04:30						
04:45						
05:00						
05:15						
05:30						
05:45						
06:00						
06:15						
06:30						
06:45						
07:00						
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10:00						
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30						
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						
14:30						
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21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	12.4	134.9	14.3	135.5	15.3	134.7
Max	12.8	138.1	14.8	135.9	15.3	134.7
Hr. of Max	17	16	14	14	14	14
Min	11.7	130.6	14.0	135.0	15.3	134.7
Count	4	4	3	3	1	1
Total						