

Daily Summary Report

Site: ORNL Sodar

11/17/2017

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	1.5	71.6	1.2	51.6	1.9	51.5	3.1	51.2	4.6
00:15	1.4	77.0	1.4	53.1	2.1	52.1	3.1	49.7	4.7
00:30	1.3	75.6	1.5	47.7	2.4	50.6	3.6	48.9	5.0
00:45	1.5	68.7	1.7	53.6	2.8	53.1	4.3	47.4	5.9
01:00	2.1	75.4	2.3	60.7	3.3	58.6	4.6	50.4	7.0
01:15	2.3	79.1	2.6	64.2	3.9	65.7	5.3	59.6	7.3
01:30	2.4	79.6	2.9	70.0	4.2	65.7	6.0	61.5	7.6
01:45	2.5	80.8	2.7	70.1	4.2	65.3	6.1	59.3	7.3
02:00	2.3	78.3	2.5	69.3	4.2	64.5	6.3	57.8	6.6
02:15	2.5	76.8	2.6	66.7	4.0	62.6	5.9	56.9	7.0
02:30	2.3	79.2	2.7	62.1	4.1	55.9	6.0	52.9	7.0
02:45	2.3	104.9	2.9	49.3	4.5	46.7	6.7	48.2	7.7
03:00	2.7	41.0	3.1	41.3	4.8	44.2	6.6	47.2	8.5
03:15	2.3	38.3	2.8	43.6	4.3	42.0	6.2	46.2	8.6
03:30	2.4	60.3	2.7	42.4	4.2	42.0	6.0	45.9	8.5
03:45	2.5	39.6	2.8	39.3	4.6	41.1	6.4	43.7	8.4
04:00	2.3	35.3	3.0	41.3	5.1	40.7	6.9	42.1	8.6
04:15	2.6	44.9	3.2	43.4	5.4	40.3	7.1	42.9	8.5
04:30	4.3	78.7	2.9	51.5	4.8	45.5	6.5	47.9	8.4
04:45	2.6	64.2	3.0	61.4	4.5	50.8	6.3	51.1	8.1
05:00	2.9	56.5	3.2	51.8	4.8	45.3	6.6	46.6	7.8
05:15	2.5	58.4	3.3	49.2	4.9	43.0	6.7	44.2	8.6
05:30	3.8	42.0	3.8	50.4	5.3	44.8	7.0	45.0	9.3
05:45	3.8	59.3	4.1	52.1	5.5	46.5	6.8	45.0	9.3
06:00	3.6	57.8	4.3	56.1	5.5	48.6	6.8	46.6	9.3
06:15	4.1	60.4	4.5	55.6	5.8	50.2	7.2	49.8	9.6
06:30	4.8	67.5	4.4	57.9	5.9	52.7	7.1	50.6	9.8
06:45	4.2	62.2	4.5	62.8	5.9	54.7	7.1	51.0	9.9
07:00	3.8	56.3	4.8	60.9	6.0	53.2	7.3	52.6	9.8
07:15	3.3	50.8	3.9	51.6	5.6	50.2	7.1	51.9	9.7
07:30	2.3	61.5	3.2	49.1	5.1	48.4	6.8	50.7	9.4
07:45	2.6	70.8	3.0	55.2	4.7	50.4	6.5	52.6	8.9
08:00	2.8	76.1	3.4	57.6	4.8	53.7	6.1	54.3	8.5
08:15	2.9	69.8	3.6	58.8	4.7	53.4	5.8	52.0	8.1
08:30	2.1	60.9	3.1	61.9	4.1	48.7	5.3	48.0	7.5
08:45	1.0	70.7	2.3	54.9	3.6	43.2	4.7	46.2	6.6
09:00	.7	70.7	1.8	57.9	2.8	49.1	3.9	48.5	5.4
09:15	.6	97.6	1.6	69.7	2.1	61.2	3.1	60.0	4.5
09:30	.6	102.1	1.3	61.1	2.0	62.9	2.8	70.3	3.8
09:45	.6	81.2	1.8	69.7	2.6	65.1	3.4	67.9	3.7
10:00	.3	48.1	2.1	76.2	2.5	62.5	3.1	63.8	3.4
10:15	.6	91.6	2.5	84.4	2.2	75.8	2.4	70.4	2.4
10:30	.8	103.3	2.3	85.5	2.3	73.3	2.5	72.5	2.2
10:45	.4	66.4	1.8	73.9	2.0	64.0	2.1	66.3	1.9
11:00	.4	52.9	1.9	51.1	1.8	65.8	1.9	78.8	1.2
11:15	.6	78.0	1.7	46.4	1.9	61.0	2.1	72.8	1.1
11:30	.5	123.0	1.0	102.7	1.4	93.4	1.4	76.7	1.1
11:45	.3	44.5	.4	13.0	.8	77.5	.9	87.3	1.1
12:00	.7	27.7	.8	358.7	.5	32.7	.5	74.3	.4
12:15	.4	115.8	.8	107.8	.6	126.3	.7	126.0	.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	43.3	2.5	32.5	.7	4.8	.7	39.0	1.7	125.8
00:15	40.9	2.4	33.8	.7	20.4	.6	22.2	.9	94.9
00:30	40.2	2.9	33.4	1.5	3.9	1.0	41.8	.9	68.4
00:45	42.9	3.4	39.3	1.9	7.5	.7	38.1	1.6	82.7
01:00	45.9	4.4	46.3	2.0	23.9	.4	359.1	2.0	67.9
01:15	48.4	5.2	50.5	2.3	43.3	1.2	84.2	2.6	82.4
01:30	52.8	5.6	50.4	3.6	52.1	1.8	77.2	4.8	86.9
01:45	59.2	6.0	51.5	4.6	49.7	2.8	59.5	4.5	78.8
02:00	58.6	6.0	60.6	5.2	48.7	3.8	57.9	4.4	61.3
02:15	54.3	5.5	60.2	5.5	50.4	4.7	48.1	4.8	48.6
02:30	61.0	7.7	67.0	4.7	62.8	5.4	52.8	5.0	57.2
02:45	63.5	8.4	69.7	5.3	68.6	6.7	71.1	6.5	81.1
03:00	60.1	6.9	63.7	4.4	59.1	7.4	77.3	6.8	84.1
03:15	58.0	7.5	67.9	5.0	74.1	7.0	82.5	6.4	79.7
03:30	55.7	7.8	72.5	7.5	86.4	7.5	86.9	7.5	85.6
03:45	54.1	7.1	69.0	5.0	87.9	7.8	92.3	8.2	92.8
04:00	54.2	8.5	67.4	5.8	87.0	4.6	87.0	5.5	89.0
04:15	56.0	6.1	61.0	5.9	83.8	4.8	83.0	4.5	91.0
04:30	59.3	5.1	57.8	3.5	60.3	4.7	83.8		
04:45	61.7	5.9	71.0	3.3	85.0				
05:00	59.1	7.4	79.7	5.0	80.0				
05:15	54.1	9.0	75.0	6.5	75.0				
05:30	53.5	9.7	64.4	7.5	70.0				
05:45	51.3	9.6	60.7	8.0	62.0				
06:00	49.7	9.7	59.3	8.1	55.0				
06:15	52.7	10.6	61.5	7.7	78.7				
06:30	57.4	10.5	65.8	9.1	70.0				
06:45	59.2	10.6	65.6	9.5	73.0				
07:00	58.6	10.6	65.7	10.0	76.0				
07:15	56.4	9.9	71.0	10.4	80.0				
07:30	57.3	9.6	73.9	10.5	83.0				
07:45	60.6	9.0	79.6	10.7	86.5				
08:00	62.2	9.3	79.1	9.9	89.2				
08:15	60.6	9.2	73.1	10.0	86.0				
08:30	58.0	8.6	69.9	10.2	82.0				
08:45	54.9	7.8	70.1	10.3	79.8				
09:00	56.4	6.7	71.9	9.2	86.7				
09:15	68.1	6.0	78.6	8.6	91.7				
09:30	75.3	5.2	81.5	7.4	96.7				
09:45	68.6	4.7	78.5	6.2	97.8				
10:00	62.1	4.2	73.9	5.8	91.6				
10:15	65.4	3.2	75.0	5.5	96.4				
10:30	67.6	2.8	80.5	4.7	104.7				
10:45	60.4	2.1	74.8	3.7	120.3				
11:00	71.6	1.5	88.4	2.4	128.7	3.9	154.7	6.9	169.9
11:15	64.7	1.4	87.1	1.7	123.9	3.3	165.1	7.3	190.1
11:30	77.9	1.5	118.8	2.5	156.8	4.9	189.5	8.8	203.4
11:45	105.8	1.7	136.5	3.2	170.6	5.9	202.6	9.6	217.0
12:00	109.7	.4	158.5	2.4	193.6	4.8	209.3	8.7	223.4
12:15	156.0	1.2	175.0	3.0	205.1	5.2	218.3	8.9	225.0

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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	5.2	94.6	7.7	93.9		
01:45	5.2	89.4	7.6	94.0		
02:00	5.3	88.8	7.4	95.0		
02:15	5.5	87.0	7.3	95.0		
02:30	5.8	86.0	7.2	96.0		
02:45	6.0	84.0	7.1	96.0		
03:00	6.3	83.0	7.0	97.0		
03:15	6.5	81.1	6.9	98.0		
03:30	7.0	89.2	6.8	98.6		
03:45	6.4	89.1				
04:00	5.6	90.5				
04:15	4.6	98.9				
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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09:30						
09:45						
10:00						
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00	10.8	231.8				
12:15	11.6	229.5				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	11.0	222.0				
12:45	10.5	215.0				
13:00	9.9	210.1				
13:15	9.9	208.1				
13:30	9.9	206.5				
13:45	9.9	198.6				
14:00	8.4	194.0				
14:15	9.5	208.0	9.4	206.1	13.3	216.1
14:30	12.4	218.1	10.8	205.9	12.4	217.1
14:45	10.8	203.8	11.1	209.3		
15:00						
15:15						
15:30						
15:45						
16:00						
16:15						
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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	8.1	150.3	8.0	123.7	12.9	216.6
Max	12.4	231.8	11.1	209.3	13.3	217.1
Hr. of Max	58	48	59	59	57	58
Min	4.6	81.1	6.8	93.9	12.4	216.1
Count	24	24	12	12	2	2
Total						