

Daily Summary Report

Site: ORNL Sodar

1/14/2018

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	1.4	70.7	.5	8.9	.8	21.4	.7	30.5	.8
00:15	2.0	73.2	.3	28.1	.8	26.5	.7	37.1	.5
00:30	2.5	83.2	.6	35.9	1.4	46.7	1.6	60.8	1.4
00:45	.5	55.2	2.1	13.1	3.7	28.7	5.3	29.7	5.9
01:00	.5	50.0	1.9	14.5	3.2	25.7	4.8	25.4	6.5
01:15	.5	43.0	.8	21.6	1.6	35.2	2.5	34.3	4.4
01:30	.5	35.0	.5	25.4	1.4	23.6	2.4	27.5	3.2
01:45	.6	28.0	.5	25.3	1.1	16.1	2.0	22.5	4.0
02:00	.6	22.0	1.3	6.4	1.6	14.8	3.8	15.3	6.7
02:15	.6	15.7	1.3	10.1	2.3	13.6	4.9	13.3	7.0
02:30	.2	28.0	.9	20.5	2.4	13.8	4.0	13.0	6.8
02:45	.4	3.1	1.1	15.5	2.8	17.0	4.6	16.4	6.7
03:00	1.1	24.7	1.2	8.2	3.3	16.7	4.9	18.4	6.5
03:15	1.1	24.6	1.2	5.7	3.4	16.5	4.7	21.8	6.4
03:30	.9	40.0	1.1	13.2	2.8	24.7	4.2	26.7	6.0
03:45	.7	55.2	1.0	21.8	2.7	25.9	4.2	26.0	5.6
04:00	1.2	38.0	1.6	20.9	3.2	20.4	4.7	23.8	6.1
04:15	1.8	18.2	1.9	18.3	3.8	17.9	5.2	22.7	7.0
04:30	1.8	3.4	1.9	17.9	4.1	19.3	5.5	22.6	7.6
04:45	2.4	12.9	2.0	24.1	4.0	23.2	5.4	25.0	7.9
05:00	2.2	50.0	1.9	29.7	4.1	26.5	5.7	28.3	8.1
05:15	1.9	79.8	2.1	33.3	4.3	27.5	6.3	29.3	8.3
05:30	2.1	81.3	2.1	34.7	4.2	29.9	5.9	29.1	8.0
05:45	1.6	85.3	1.6	29.6	3.8	28.9	5.5	26.8	7.6
06:00	1.3	65.3	1.8	21.5	4.0	24.5	6.0	25.0	7.4
06:15	1.2	75.0	2.1	25.7	3.8	28.2	5.7	27.1	7.2
06:30	1.1	85.0	2.0	29.6	3.8	32.3	5.6	28.7	7.8
06:45	1.0	93.4	2.4	32.0	4.7	31.4	6.4	30.2	8.2
07:00	2.2	24.5	2.9	37.3	4.8	28.8	6.2	30.9	8.0
07:15	2.1	102.8	2.8	42.1	4.4	30.5	6.0	32.4	7.7
07:30	1.9	69.1	2.5	34.6	4.2	33.4	5.9	33.0	7.7
07:45	1.5	78.7	2.3	34.1	3.7	34.8	5.3	32.9	7.4
08:00	1.4	65.3	2.5	45.5	3.6	38.1	5.2	35.7	7.4
08:15	1.7	66.5	2.8	48.7	4.0	40.5	5.8	35.1	7.7
08:30	2.9	112.1	2.1	42.6	3.4	38.3	5.3	32.2	7.4
08:45	2.2	109.4	1.2	45.6	2.3	40.1	3.9	36.4	6.3
09:00	.8	99.2	1.5	36.6	2.6	41.6	3.8	37.4	4.8
09:15	.6	359.1	1.9	23.1	2.6	36.3	3.3	38.9	4.0
09:30	1.2	42.4	2.7	34.9	3.2	36.7	3.5	37.6	4.0
09:45	2.1	60.9	3.3	41.8	3.9	43.4	4.0	41.4	4.4
10:00	2.4	71.0	2.6	56.7	3.3	48.5	3.7	49.3	3.8
10:15	2.1	46.4	2.1	48.4	3.0	43.2	3.6	43.5	3.5
10:30	2.6	49.5	2.4	48.6	3.1	47.9	3.7	47.1	3.6
10:45	2.8	63.7	3.1	67.9	3.4	64.2	3.7	65.2	4.2
11:00	2.0	34.0	2.4	65.8	2.8	61.7	2.4	62.4	3.3
11:15	1.7	48.7	2.0	72.9	2.9	72.3	2.6	74.2	2.3
11:30	1.8	42.1	2.1	66.4	3.4	78.3	3.5	81.5	2.8
11:45	2.1	49.6	2.5	82.7	3.1	79.2	3.2	82.3	2.7
12:00	2.1	53.4	2.7	77.6	2.7	67.4	2.7	71.1	2.6
12:15	1.5	31.9	1.8	45.3	1.8	54.4	1.9	54.3	2.4

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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	25.9	.4	18.4						
00:15	30.9	.3	110.0						
00:30	42.1	1.0	78.8						
00:45	27.8	6.3	27.6						
01:00	20.9	7.9	19.3						
01:15	18.6	7.0	18.2	9.4	34.1				
01:30	18.8	6.1	14.8	8.2	30.2				
01:45	12.5	7.1	12.2	7.0	31.6				
02:00	13.0	7.8	17.1	9.8	28.5				
02:15	16.1	8.0	19.3	9.2	34.1				
02:30	14.9	8.0	20.8	8.7	35.1				
02:45	17.8	7.5	23.8	8.6	36.1				
03:00	21.3	7.8	24.9	9.0	40.5				
03:15	23.5	8.2	25.9	9.9	40.4				
03:30	26.6	7.8	27.3	9.6	37.3	11.1	44.0		
03:45	25.9	7.6	26.2	9.6	39.3	11.0	48.0		
04:00	23.1	8.0	25.9	10.3	40.5	10.9	51.2		
04:15	22.4	8.6	26.9	10.8	37.8	11.2	53.1		
04:30	22.0	8.8	26.4	10.9	41.4	10.0	51.0		
04:45	24.9	9.1	28.1	10.5	45.7	10.2	55.0		
05:00	28.9	9.3	30.9	10.1	44.1	10.4	54.0		
05:15	28.9	9.4	31.7	10.3	43.0	10.6	53.0		
05:30	30.5	9.2	32.5	11.0	43.9	11.0	52.0		
05:45	28.2	8.9	31.2	10.8	42.9	11.6	50.5	12.1	47.2
06:00	27.4	8.4	29.9	10.0	44.2	11.5	47.9	12.9	49.7
06:15	29.5	8.4	29.6	9.9	46.5	11.5	49.4	12.9	50.0
06:30	26.5	8.8	31.4	10.5	46.4	11.8	49.5	12.8	51.0
06:45	29.5	9.7	32.6	11.5	49.5	12.0	49.5	12.7	51.0
07:00	32.3	9.4	33.8	11.4	49.9	12.2	49.5	12.6	52.0
07:15	33.9	9.0	38.1	10.9	48.2	12.4	49.6	12.5	53.0
07:30	33.5	9.2	39.7	11.0	51.8	12.5	49.7	12.4	53.0
07:45	34.5	8.8	39.6	11.3	45.5	12.1	44.8	12.3	54.0
08:00	39.4	8.7	43.6	10.4	46.5	11.6	44.8	12.2	55.0
08:15	39.4	8.8	46.1	9.5	50.3	10.6	54.2	12.1	56.0
08:30	35.7	8.4	44.9	9.6	51.7	9.6	61.0	12.0	57.0
08:45	36.9	7.3	46.7	9.1	55.1	9.6	65.7	11.9	58.0
09:00	39.9	6.7	46.4	8.4	56.5	11.2	62.4	11.8	58.0
09:15	37.9	6.3	45.5	8.0	52.7	10.6	56.5	11.8	59.0
09:30	41.5	5.3	42.6	7.5	51.8	9.6	54.4	11.7	59.3
09:45	46.7	5.0	46.9	7.0	55.5	8.8	61.6	11.2	65.7
10:00	48.5	4.9	49.9	7.2	55.9	8.4	59.1	7.5	67.0
10:15	42.6	4.4	42.9	6.6	47.9	8.3	53.4	7.8	66.0
10:30	46.6	3.6	54.1	4.9	46.3	7.0	73.5	9.8	68.8
10:45	65.5	4.6	71.8	5.3	63.2	7.0	76.9	8.7	56.3
11:00	58.0	3.9	64.6	4.7	67.2	6.3	69.6	6.5	58.4
11:15	62.4	2.6	63.3	3.4	79.8	4.8	79.1	5.4	74.4
11:30	78.8	3.3	75.7	3.2	72.5	4.2	82.0	4.5	85.0
11:45	76.9	3.2	87.1	3.4	77.0	4.0	90.3	4.1	65.0
12:00	66.5	2.5	77.0	5.0	55.0				
12:15	52.7	2.7	42.7	6.0	35.0				

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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						
03:00						
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05:45						
06:00						
06:15						
06:30						
06:45						
07:00						
07:15						
07:30						
07:45						
08:00						
08:15						
08:30						
08:45						
09:00						
09:15						
09:30	9.5	54.2				
09:45	8.4	63.5				
10:00	7.2	82.0				
10:15	7.4	79.0				
10:30	8.5	55.7				
10:45	7.6	53.1				
11:00	6.1	54.8				
11:15	5.6	52.7				
11:30	4.4	54.5	7.2	60.2		
11:45	4.2	37.8	6.6	52.9		
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						
14:45						
15:00						
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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	6.9	58.7	6.9	56.6		
Max	9.5	82.0	7.2	60.2		
Hr. of Max	38	40	46	46		
Min	4.2	37.8	6.6	52.9		
Count	10	10	2	2	0	0
Total						