

Daily Summary Report

Site: ORNL Sodar

5/13/2017

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	.3	102.0	.7	338.1	1.0	355.9	1.4	357.9	2.1
00:15	.5	91.7	.6	355.1	1.3	7.8	1.7	12.3	1.6
00:30	.4	87.1	.3	8.4	1.3	21.1	1.8	31.5	.9
00:45	.3	90.5	.8	357.8	1.4	28.9	1.8	41.3	1.1
01:00	.5	75.5	1.4	356.2	1.9	25.5	1.9	40.6	1.3
01:15	.6	83.0	1.3	12.0	1.8	29.6	1.6	40.3	1.6
01:30	.6	99.7	1.3	46.7	1.1	58.2	1.4	52.2	2.1
01:45	.7	86.0	1.5	59.1	1.5	56.9	2.1	48.5	2.7
02:00	.6	87.7	1.2	55.4	1.7	47.4	2.3	43.4	2.9
02:15	.4	96.5	.9	62.9	1.1	39.3	1.7	33.4	2.5
02:30	.5	81.1	1.0	69.5	.9	38.0	1.3	26.1	2.0
02:45	.6	57.3	1.3	68.3	1.1	43.0	1.6	35.4	2.5
03:00	.6	38.4	1.1	61.4	1.2	45.3	1.8	42.6	3.1
03:15	.7	43.6	1.0	68.3	1.1	64.8	1.5	56.5	2.6
03:30	.7	29.9	1.1	75.4	1.0	64.7	1.7	57.8	2.7
03:45	.5	5.8	.9	68.6	1.0	61.7	1.8	58.7	2.8
04:00	.4	28.6	.9	78.3	1.5	74.0	1.9	64.6	3.0
04:15	.3	51.7	1.1	77.5	1.8	66.1	2.5	57.0	4.0
04:30	.3	81.3	1.3	70.3	2.5	52.1	3.6	48.7	5.0
04:45	.4	71.1	1.6	62.3	3.3	49.2	4.3	46.8	5.8
05:00	.4	357.6	1.5	63.8	3.1	47.8	4.1	47.7	5.6
05:15	.4	49.1	1.3	78.4	2.6	57.8	4.0	55.6	5.3
05:30	.9	75.7	1.5	74.1	2.8	64.3	4.2	57.7	5.3
05:45	.9	75.8	1.6	66.4	3.1	59.6	4.3	54.4	5.4
06:00	.8	70.9	1.8	69.3	3.4	59.9	4.8	55.0	5.8
06:15	1.6	76.1	2.4	73.7	3.8	59.9	5.4	56.7	6.5
06:30	2.6	74.3	2.6	73.3	4.0	59.7	5.4	58.3	6.9
06:45	3.2	60.3	3.0	67.9	4.7	58.7	6.0	57.2	7.8
07:00	3.8	48.5	4.3	62.3	6.2	56.6	7.5	52.6	9.4
07:15	3.9	50.7	4.9	56.8	6.7	50.6	8.2	48.6	9.8
07:30	3.1	44.3	4.0	54.4	5.8	48.3	7.1	48.2	8.4
07:45	2.5	37.8	3.5	55.2	5.2	50.4	6.3	45.5	7.6
08:00	2.5	40.2	3.6	54.4	4.8	47.6	6.0	40.0	7.0
08:15	2.2	40.6	3.0	51.6	4.1	45.0	5.5	39.7	6.5
08:30	2.2	30.7	2.3	40.3	4.0	33.8	5.5	33.4	6.8
08:45	2.0	39.3	2.3	31.6	4.0	28.8	5.7	27.4	7.3
09:00	1.5	51.5	2.6	33.5	3.4	31.7	5.5	26.8	7.1
09:15	1.1	48.7	2.2	35.8	2.9	24.1	4.9	21.1	6.5
09:30	.9	67.6	1.7	46.1	2.6	29.4	4.5	21.3	6.2
09:45	.8	62.0	1.8	50.8	2.6	33.9	4.0	26.0	5.8
10:00	.7	46.0	2.0	28.0	3.0	23.7	3.8	24.6	5.2
10:15	1.9	62.0	3.4	43.8	4.3	36.5	5.1	32.2	5.5
10:30	3.6	62.9	4.7	51.3	5.6	40.4	6.0	35.6	5.7
10:45	3.2	48.2	4.8	44.2	5.6	38.4	5.8	37.4	5.3
11:00	4.1	35.3	5.0	40.0	5.4	36.9	5.7	35.1	5.5
11:15	4.7	39.6	5.7	49.6	5.9	46.6	6.2	40.8	6.3
11:30	4.3	64.8	6.0	64.2	5.4	60.5	5.5	51.9	5.5
11:45	3.0	68.7	4.8	58.9	4.3	51.8	4.5	44.0	4.6
12:00	3.0	59.5	5.1	55.7	5.2	51.9	5.5	46.9	5.9
12:15	4.4	68.8	5.6	65.1	6.3	60.8	6.5	58.6	6.8

Daily Summary Report

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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	357.9	1.1	3.8	.3	72.1	4.8	32.0		
00:15	9.0	1.3	27.2	1.2	26.7	5.0	30.0		
00:30	45.1	1.3	49.3	2.3	24.4	5.3	28.0		
00:45	52.1	.9	53.0	3.0	32.7	5.5	26.0		
01:00	49.7	1.0	35.2	2.6	42.5	5.8	24.0		
01:15	52.6	1.9	47.0	3.2	33.7	6.0	22.0		
01:30	47.8	2.8	48.1	4.4	31.6	6.1	19.9		
01:45	39.4	3.4	33.3	4.3	25.0	5.5	17.1		
02:00	35.9	3.5	24.6	4.3	18.7	5.8	11.6		
02:15	22.9	3.1	19.7	4.8	15.5	5.2	9.0		
02:30	16.7	2.8	17.6	4.6	9.8	4.5	7.0		
02:45	28.1	2.9	18.3	3.8	12.6	4.4	4.4		
03:00	33.5	3.4	22.6	4.2	4.6	4.7	3.4		
03:15	46.0	3.3	31.2	4.9	353.2	7.3	360.0	9.4	8.2
03:30	46.9	3.4	29.2	4.8	359.3	8.5	1.0	9.5	10.0
03:45	44.8	3.2	28.5	4.1	6.3	7.8	360.0	9.5	12.0
04:00	45.4	3.3	32.4	3.2	357.8	7.0	359.0	9.6	14.0
04:15	42.5	4.1	32.0	3.2	6.1	6.5	358.0	9.7	16.0
04:30	41.5	5.0	30.3	3.0	3.3	6.0	357.0	9.8	18.0
04:45	38.4	5.8	28.2	3.6	6.4	5.8	356.7	9.9	20.0
05:00	39.1	5.7	29.4	4.5	24.9	7.5	20.0	10.0	22.0
05:15	46.6	5.4	36.4	4.9	39.0	9.2	42.7	10.1	24.0
05:30	48.9	6.0	40.5	5.3	31.6	7.6	16.7	10.2	26.0
05:45	45.3	6.1	38.7	5.7	26.9	6.2	18.2	10.3	29.0
06:00	47.2	6.5	42.2	6.2	27.9	6.8	31.5	10.4	32.0
06:15	49.5	7.0	45.5	7.3	40.5	7.6	34.7	10.5	35.1
06:30	49.7	7.2	46.3	6.5	44.1	8.6	38.0	11.0	35.0
06:45	49.5	8.3	47.1	8.5	41.0	9.4	36.0	11.7	35.0
07:00	47.2	9.9	43.7	10.1	38.8	10.2	34.4	12.3	35.4
07:15	44.2	10.4	39.6	10.3	36.3	11.3	37.2	14.1	43.0
07:30	42.3	9.6	36.9	9.7	32.6	12.5	42.1	14.2	45.8
07:45	38.7	8.8	35.3	10.0	31.9	12.0	40.7	13.1	40.5
08:00	34.9	8.1	31.7	11.7	31.5	11.8	39.0	12.4	38.0
08:15	33.7	7.6	28.1	10.5	32.7	12.0	41.0	12.0	38.0
08:30	29.6	8.1	22.3	9.4	30.9	12.3	42.0	11.5	38.0
08:45	27.2	8.3	20.0	9.6	31.1	12.6	44.0	11.0	38.0
09:00	27.0	8.0	22.2	8.8	33.8	13.0	46.0	10.2	38.0
09:15	22.4	7.6	22.9	8.8	29.5	13.3	48.0	9.7	38.3
09:30	22.3	7.0	24.5	9.2	28.7	13.3	40.7	9.3	37.5
09:45	21.8	6.4	25.2	9.5	25.8	12.0	41.6	8.9	39.3
10:00	22.2	5.2	25.9	8.5	19.5	10.2	39.9	8.1	37.3
10:15	31.2	5.3	28.0	6.3	20.3	8.3	33.5	7.3	32.5
10:30	33.5	6.2	33.3	6.1	34.0	7.4	31.1	7.2	30.3
10:45	38.2	5.8	43.4	6.5	42.3	7.6	32.2	6.9	31.7
11:00	38.5	5.7	42.1	7.4	41.4	7.6	34.3	7.5	35.8
11:15	42.5	6.1	42.1	7.6	43.8	8.4	40.8	8.1	36.7
11:30	44.2	5.5	37.5	6.1	41.0	8.2	41.2	7.8	37.5
11:45	35.9	5.2	29.6	5.9	35.8	8.1	32.6	8.3	33.3
12:00	47.2	5.7	42.5	6.8	42.9	9.1	38.2	9.2	40.3
12:15	58.2	6.5	57.3	7.1	55.7	8.7	49.5	8.7	49.9

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5/13/2017

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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03:30						
03:45						
04:00						
04:15						
04:30						
04:45						
05:00						
05:15						
05:30						
05:45						
06:00						
06:15						
06:30						
06:45						
07:00	11.8	36.3				
07:15	13.0	44.0				
07:30	14.5	50.0	10.1	36.4	12.6	38.4
07:45	13.4	51.2	11.7	39.0	13.5	43.0
08:00	12.9	44.0	14.2	40.6	13.9	46.2
08:15	12.0	44.0	13.5	41.0	14.0	47.0
08:30	11.0	44.0	13.0	41.0	14.0	47.0
08:45	11.0	44.0	12.5	41.0	14.3	48.0
09:00	10.5	44.0	12.0	41.0	14.3	49.0
09:15	10.3	44.3	11.6	41.7	14.5	49.0
09:30	11.3	43.6	12.5	45.0	14.7	49.4
09:45	10.9	41.1	13.0	43.0	16.1	42.7
10:00	8.5	46.7	12.0	46.0	15.0	42.0
10:15	7.3	44.3	11.0	48.0	13.5	42.0
10:30	6.9	37.3	10.4	50.0	12.0	42.0
10:45	6.7	39.3	10.2	52.4	11.0	42.0
11:00	7.3	37.3	9.1	46.1	10.0	42.0
11:15	8.0	34.6	8.8	38.3	9.0	42.0
11:30	8.4	41.4	8.5	45.7	8.7	41.7
11:45	8.1	39.4	7.7	47.6	7.5	41.3
12:00	8.2	39.1	8.2	50.2	9.0	45.6
12:15	9.0	51.1	10.2	49.4		

	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	47.8	10.0	44.0		
12:45	7.2	37.4	9.0	37.0		
13:00	7.7	34.6	8.0	31.0		
13:15	7.5	32.9	7.5	24.9		
13:30	7.8	38.9	9.5	39.0		
13:45	9.4	39.0	10.0	39.0		
14:00	11.5	38.0	10.5	39.0		
14:15	10.6	42.0	11.0	40.0		
14:30	10.7	43.0	11.5	40.0		
14:45	10.8	45.0	12.0	40.0		
15:00	10.9	46.9	12.3	39.0		
15:15	11.8	44.5	12.5	39.0		
15:30	12.9	42.6	12.8	39.0		
15:45						
16:00						
16:15						
16:30						
16:45						
17:00						
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21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	9.9	42.1	10.8	41.6	12.5	44.2
Max	14.5	51.2	14.2	52.4	16.1	49.4
Hr. of Max	30	31	32	43	39	38
Min	6.7	32.9	7.5	24.9	7.5	38.4
Count	35	35	33	33	19	19
Total						