

Daily Summary Report

Site: ORNL Sodar

12/1/2017

Interval: 015m

	03_Ht	04_WS060m	05_WDir060m	06_WS100m	07_WDir100m	08_WS140m	09_WDir140m	10_WS180m	11_WDir180m
Hour	METERS	M/SEC	DEG	M/SEC	DEG	KPH	DEG	M/SEC	DEG
00:00	100	.3	284.8	1.2	75.2	1.2	74.6	1.5	66.8
00:15	100	.4	289.1	.7	85.0	1.1	79.1	1.7	59.3
00:30	100	.4	292.8	.2	84.1	1.2	60.3	2.2	46.1
00:45	100	.4	294.3	.2	20.5	1.3	32.9	2.3	30.7
01:00	100	.5	302.5	.5	19.7	1.4	16.3	2.6	20.5
01:15	100	.5	299.4	.6	21.3	1.5	26.9	2.6	29.6
01:30	100	.3	327.6	.7	42.6	1.7	55.9	2.7	49.2
01:45	100	.2	357.1	1.1	67.3	2.1	68.4	3.3	58.3
02:00	100	.4	92.8	1.5	73.9	2.5	65.9	3.4	57.3
02:15	100	.8	94.4	1.8	77.1	2.8	65.7	3.7	59.3
02:30	100	.7	92.1	1.9	83.4	2.9	70.4	3.9	64.7
02:45	100	.4	81.5	1.9	84.5	2.7	69.9	3.6	61.5
03:00	100	.2	4.5	1.8	77.3	2.3	62.4	3.1	57.4
03:15	100	.2	.9	1.7	67.0	2.2	60.0	2.7	54.5
03:30	100	.4	61.2	2.0	69.6	2.7	62.2	3.6	56.8
03:45	100	1.4	64.1	2.6	66.2	3.6	53.0	4.7	49.2
04:00	100	.9	64.6	3.1	56.1	3.9	46.8	5.1	43.2
04:15	100	1.5	54.4	3.3	54.1	4.0	47.4	5.1	44.3
04:30	100	2.0	53.8	3.4	54.0	4.5	44.8	5.7	42.7
04:45	100	1.8	36.1	3.1	54.6	4.3	38.8	6.0	40.1
05:00	100	3.6	15.4	2.6	55.3	4.0	38.6	6.0	38.2
05:15	100	3.1	13.5	2.4	50.8	4.0	40.1	5.6	37.4
05:30	100	2.3	13.2	1.9	50.8	3.2	40.5	4.5	37.6
05:45	100	.9	18.7	1.5	41.4	2.8	38.7	4.0	35.5
06:00	100	.5	9.3	1.3	26.7	2.3	31.3	3.3	30.4
06:15	100	.2	308.3	.7	7.8	1.9	20.2	2.7	24.6
06:30	100	.4	290.1	.6	344.9	2.1	13.5	3.1	24.2
06:45	100	.6	333.4	.4	342.6	2.0	23.5	3.5	31.1
07:00	100	.4	16.0	.7	40.2	2.5	39.1	4.1	38.4
07:15	100	.2	76.3	.9	38.2	2.3	39.3	3.7	36.4
07:30	100	.1	197.4	.7	33.3	1.7	33.3	2.8	33.0
07:45	100	.2	273.6	.5	31.5	1.3	25.1	2.5	31.2
08:00	100	.1	342.7	.7	33.9	1.9	24.8	2.9	30.8
08:15	100	.2	344.5	.9	31.8	2.1	32.5	3.2	35.4
08:30	100	.2	326.4	1.3	47.4	2.1	40.0	3.7	41.7
08:45	100	.2	274.8	1.6	56.7	2.4	41.0	4.1	41.6
09:00	100	.2	211.4	1.4	53.0	2.6	37.6	3.9	36.5
09:15	100	.8	20.4	1.2	36.5	2.5	31.8	3.8	31.3
09:30	100	1.2	357.4	1.0	31.3	2.1	34.3	3.4	33.6
09:45	100	.8	342.1	1.0	38.8	1.8	35.4	2.8	33.3
10:00	100	.8	333.1	.8	39.5	1.6	34.5	2.4	31.3
10:15	100	.5	312.4	.9	38.5	1.5	29.5	2.4	30.0
10:30	100	.1	301.7	.8	54.0	1.3	28.7	2.0	21.1
10:45	100	.2	99.8	.9	69.3	1.3	47.6	1.6	31.2
11:00	100	.4	94.3	1.2	74.5	1.6	49.2	1.8	48.5
11:15	100	.8	95.7	1.9	80.6	1.9	59.0	2.2	53.4
11:30	100	1.0	78.4	1.8	73.1	2.0	56.5	2.5	50.0
11:45	100	1.0	73.0	1.2	60.1	1.7	47.2	2.1	39.2
12:00	100	1.8	98.8	1.7	80.4	1.8	75.4	1.8	71.9
12:15	100	2.0	105.2	2.4	88.3	2.2	86.2	2.4	94.5

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Interval: 015m

	12_WS240m	13_WDir240m	14_WS300m	15_WDir300m	16_WS400m	17_WDir400m	18_WS500m	19_WDir500m	20_WS600m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC
00:00	2.4	46.4	4.3	29.2	6.0	13.8	5.7	10.6	4.4
00:15	3.1	39.8	4.8	24.6	5.5	10.3	5.4	16.7	4.1
00:30	3.4	30.6	5.3	17.5	5.5	7.3	6.7	12.5	5.0
00:45	3.7	21.6	5.7	12.5	5.3	5.1	5.9	4.1	
01:00	4.3	12.4	4.9	8.1	4.9	5.7	3.7	3.5	
01:15	4.1	15.9	3.8	7.8	4.3	6.2	3.2	.6	
01:30	3.1	24.6	3.0	11.9	3.0	4.0	2.8	5.0	
01:45	2.7	34.1	1.9	24.9	1.6	5.9	2.5	10.0	
02:00	3.5	42.8	2.2	37.4	2.7	10.2	2.0	15.0	
02:15	4.1	48.9	3.2	44.0	2.1	18.6	1.5	22.0	
02:30	4.2	52.5	4.3	48.1	2.4	29.6	1.0	32.0	
02:45	4.0	51.6	4.8	49.3	3.7	35.5	.8	39.6	
03:00	2.9	52.0	4.7	44.2	5.1	38.6	3.0	35.0	
03:15	3.2	49.1	5.0	44.9	6.4	35.8	5.5	31.9	
03:30	5.0	49.0	5.5	51.1	6.1	40.4	5.2	47.5	
03:45	5.6	45.9	6.1	48.1	5.7	54.0	6.7	57.3	
04:00	6.3	45.1	7.1	49.9	6.7	61.6	7.3	58.5	
04:15	6.7	46.1	7.5	52.6	6.7	65.5	6.2	60.1	
04:30	7.3	45.2	7.4	53.1	6.3	65.3	4.7	57.6	
04:45	7.6	41.3	6.8	53.9	5.8	62.7	4.6	59.6	
05:00	7.9	36.7	7.0	48.9	5.8	59.9	5.7	79.2	
05:15	7.8	34.7	7.2	45.3	5.5	56.0	4.8	64.3	
05:30	6.8	33.3	7.0	41.9	5.1	52.1	4.5	45.5	
05:45	6.0	32.6	7.1	38.1	5.5	51.2	4.5	44.0	
06:00	5.5	31.0	6.7	32.4	6.6	40.9	5.6	49.8	
06:15	5.0	26.2	6.8	24.6	7.1	33.6	5.8	49.6	
06:30	5.0	22.5	7.1	15.4	4.7	31.6	6.0	49.4	
06:45	5.2	24.6	6.6	8.6	5.5	32.0	6.1	49.2	
07:00	5.5	35.0	4.6	19.2	6.5	32.0	6.2	49.0	
07:15	5.0	34.3	4.8	28.3	7.0	33.0	6.3	48.8	
07:30	5.2	30.8	5.8	19.6	7.5	33.0	6.4	48.6	
07:45	5.3	30.7	6.9	25.1	8.0	34.0	6.5	48.4	
08:00	5.5	28.4	8.0	27.3	8.5	34.0	6.6	48.2	
08:15	5.7	32.5	8.0	19.5	9.0	35.0	6.7	48.0	
08:30	6.1	40.0	7.9	18.7	9.5	35.0	6.8	47.8	
08:45	6.5	37.6	9.2	23.0	10.0	35.0	6.9	47.6	
09:00	6.1	34.4	8.1	31.5	10.6	35.9	7.0	47.4	
09:15	6.1	33.3	7.8	35.2	8.9	43.9	7.1	47.2	
09:30	5.8	34.6	7.3	42.3	8.1	53.8	7.2	47.0	
09:45	4.5	34.9	6.2	43.6	7.1	55.3	7.3	46.8	
10:00	3.8	33.3	5.4	42.2	6.1	52.9	7.4	46.6	
10:15	3.6	31.0	5.1	41.7	5.7	49.8	7.5	46.4	
10:30	3.1	24.1	4.4	35.6	5.9	47.4	7.3	41.6	
10:45	2.7	27.2	3.9	37.9	6.1	46.9	7.3	41.3	
11:00	2.6	34.7	4.0	42.6	5.9	47.1	7.1	48.8	
11:15	2.9	41.0	4.2	44.1	6.0	47.3	7.4	52.3	
11:30	2.9	43.2	4.1	46.8	5.6	55.2	7.2	58.9	
11:45	2.5	32.7	3.3	34.1	4.8	55.2	6.1	60.6	
12:00	1.9	61.4	2.5	44.4	3.8	47.3	4.5	53.6	
12:15	1.9	84.7	2.1	68.8	3.3	53.9	3.8	52.4	5.7

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12/1/2017

Interval: 015m

	21_WDir600m	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	2.6						
00:15	22.2						
00:30	17.8						
00:45							
01:00							
01:15							
01:30							
01:45							
02:00							
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11:15							
11:30							
11:45							
12:00							
12:15	72.1						

	21_WDir600m	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30							
12:45							
13:00							
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22:15							
22:30							
22:45							
23:00							
23:15							
23:30							
23:45							
Avg	28.7						
Max	72.1						
Hr. of Max	49						
Min	2.6						
Count	4	0	0	0	0	0	0
Total							