

Daily Summary Report

Site: ORNL Sodar

12/31/2017

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	24.8	.3	68.9	.8	16.6	.9	12.0
00:15	100	.3	24.2	.2	79.5	.6	12.2	.7	8.1
00:30	100	.7	4.4	.2	101.9	.4	8.0	.5	10.3
00:45	100	.4	13.9	.2	78.5	.7	41.7	1.0	49.3
01:00	100	.3	67.4	.7	53.7	1.2	55.8	1.5	59.4
01:15	100	.5	61.3	1.0	50.3	1.2	47.6	1.4	57.2
01:30	100	.6	31.2	.9	56.3	1.3	51.6	1.5	58.1
01:45	100	.6	23.2	.8	69.5	1.4	58.3	1.7	58.2
02:00	100	.5	50.3	.9	48.3	1.7	42.3	2.4	48.1
02:15	100	.5	77.0	1.1	36.3	2.0	35.7	2.7	43.2
02:30	100	.4	78.1	.9	41.1	1.6	41.5	2.4	51.6
02:45	100	.5	65.0	.9	35.5	1.8	39.8	2.5	48.8
03:00	100	.7	79.3	1.1	29.7	2.1	44.3	2.6	44.9
03:15	100	.6	89.0	1.2	35.9	2.3	50.0	2.9	46.0
03:30	100	.4	88.7	1.4	57.0	2.7	46.7	3.8	41.7
03:45	100	.3	58.3	1.3	61.9	2.5	50.5	3.3	47.1
04:00	100	.4	47.9	1.7	57.9	2.8	56.5	3.3	56.9
04:15	100	.6	58.0	1.8	44.8	3.1	51.2	3.3	53.8
04:30	100	.8	72.5	2.2	57.9	3.3	59.8	3.1	63.4
04:45	100	.6	82.9	2.2	62.4	3.1	66.5	3.3	70.0
05:00	100	.3	93.3	1.3	44.8	2.3	55.3	2.6	58.7
05:15	100	.2	95.6	.9	37.9	2.0	37.2	2.3	45.4
05:30	100	.2	84.5	.9	22.6	1.9	23.8	2.0	33.7
05:45	100	.2	64.7	1.0	18.9	1.8	27.5	1.8	37.0
06:00	100	.4	61.5	.7	18.6	1.2	37.7	1.5	40.1
06:15	100	.5	39.0	.7	31.0	1.2	31.6	2.0	28.9
06:30	100	.5	20.3	1.1	30.9	2.3	17.1	3.3	18.3
06:45	100	.4	36.7	.9	30.1	1.6	15.8	3.1	10.8
07:00	100	.4	56.8	.6	33.2	.7	18.7	1.2	23.4
07:15	100	.3	55.8	.5	35.3	.8	16.5	1.1	28.7
07:30	100	.2	37.3	.4	15.2	.8	20.0	1.4	20.4
07:45	100	.2	35.6	.4	355.3	.7	36.8	1.5	33.3
08:00	100	.4	21.7	.8	30.8	1.1	49.3	2.0	36.3
08:15	100	.3	40.2	1.1	41.3	1.2	43.2	1.7	39.3
08:30	100	.2	37.1	.8	24.6	.8	16.4	.9	31.7
08:45	100	.2	8.7	.9	6.6	.8	4.2	.9	9.1
09:00	100	.4	58.1	.6	9.5	.8	26.0	.7	26.8
09:15	100	.5	56.4	.6	46.4	1.2	56.3	1.1	56.6
09:30	100	.4	39.9	.8	42.3	1.4	55.3	1.4	55.8
09:45	100	.5	55.9	.6	26.0	1.1	44.3	1.2	37.4
10:00	100	.7	71.8	.9	40.2	1.4	35.7	1.9	19.0
10:15	100	.7	73.8	1.3	42.4	1.8	39.7	2.1	30.9
10:30	100	1.1	78.8	1.5	34.7	1.9	47.9	2.0	41.1
10:45	100	1.1	76.5	1.6	28.3	2.1	38.2	2.2	29.8
11:00	100	1.5	79.6	1.5	31.8	1.9	29.4	2.1	27.3
11:15	100	2.1	72.6	1.7	51.2	1.7	41.9	2.1	38.6
11:30	100	1.5	63.7	1.4	58.5	1.9	51.8	2.3	50.1
11:45	100	1.4	77.7	1.8	66.2	2.0	55.1	2.3	50.5
12:00	100	.7	77.9	1.6	72.8	1.7	58.8	1.9	52.3
12:15	100	.4	59.0	1.4	58.6	1.7	58.9	1.9	59.3

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	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	.5	8.3	.8	5.3	.7	14.9			
00:15	.4	21.1	.8	19.1	1.3	353.9			
00:30	.5	13.9	.8	30.8	1.7	6.0	1.9	351.4	
00:45	.8	48.9	.5	70.0	3.0	8.0			
01:00	1.1	43.6	.7	25.6	4.0	10.0			
01:15	1.4	40.1	1.3	43.8	5.0	13.0			
01:30	1.3	53.0	.9	53.4	6.0	15.0			
01:45	1.3	37.6	1.2	47.0	7.0	17.0			
02:00	2.8	17.4	3.5	32.0	8.0	21.0			
02:15	3.6	21.4	6.9	17.8	9.0	25.9			
02:30	3.8	32.5	6.3	22.8	8.4	25.5	10.8	22.8	
02:45	3.3	38.9	6.8	20.2	8.5	25.0	9.9	28.1	
03:00	3.1	28.8	7.2	19.8	8.4	24.9	9.9	27.0	
03:15	3.8	20.4	6.9	17.5	9.2	22.6	10.3	22.0	
03:30	4.3	21.9	6.8	18.3	11.0	25.1	11.0	26.5	
03:45	3.4	24.1	6.6	21.7	10.0	27.4	11.7	28.6	12.1
04:00	3.4	33.2	6.9	20.0	8.1	29.2	13.7	27.9	13.2
04:15	3.8	27.2	7.1	20.1	9.3	29.6	11.5	32.4	11.9
04:30	2.9	45.4	6.3	33.2	11.0	33.5	9.0	35.0	11.7
04:45	3.5	51.9	6.4	38.3	10.9	28.7	9.0	37.0	11.5
05:00	3.4	41.3	8.3	20.7	9.1	31.8	9.2	41.1	11.7
05:15	3.2	29.9	8.0	15.9	8.8	33.9	8.4	46.1	10.3
05:30	2.8	24.1	6.3	18.4	9.4	35.6	7.7	52.2	9.6
05:45	2.1	38.9	5.2	30.1	10.5	31.0	7.7	56.0	12.0
06:00	1.9	34.8	6.7	15.1	10.7	27.8	7.9	52.8	12.0
06:15	2.7	22.1	9.7	8.2	14.3	19.0	7.9	48.2	11.3
06:30	7.7	7.1	9.6	9.4	11.6	25.8	7.6	45.7	11.9
06:45	6.9	3.9	10.0	5.9	8.6	24.3	7.3	36.5	8.7
07:00	3.7	4.2	7.5	5.7	7.4	18.6	7.3	25.3	9.6
07:15	3.0	12.1	5.4	11.8	7.3	17.9	7.7	22.0	10.2
07:30	3.4	18.3	4.8	16.2	7.6	359.7	8.4	.4	
07:45	3.2	24.4	4.1	18.0	7.4	355.8	8.5	1.0	
08:00	3.0	30.1	3.6	22.8	8.3	357.0	8.6	1.0	
08:15	2.5	29.8	3.5	27.7	9.0	.1	8.7	360.0	
08:30	1.8	19.7	3.2	23.9	7.0	358.0	8.8	360.0	
08:45	1.2	5.0	2.4	10.8	5.3	356.9	8.9	359.0	
09:00	1.0	9.8	1.8	12.3	5.3	357.1	9.0	358.0	
09:15	1.1	36.2	1.6	30.1	6.0	358.0	9.1	357.0	
09:30	1.4	37.7	1.5	34.8	6.6	358.0	9.2	357.0	
09:45	1.4	20.1	1.9	26.1	7.0	359.0	9.3	356.0	
10:00	2.8	6.3	4.2	7.4	7.0	359.7	9.4	356.0	
10:15	2.8	11.2	5.1	6.6	8.0	1.5	9.5	355.0	
10:30	1.8	29.5	3.3	18.9	9.3	7.1	9.6	354.0	
10:45	2.0	24.0	3.7	11.9	10.5	2.0	9.7	353.0	
11:00	2.5	14.3	7.5	1.7	11.7	357.8	9.8	352.0	
11:15	2.3	18.8	5.0	4.4	10.6	358.5	9.9	352.0	
11:30	2.0	28.7	3.2	16.9	9.1	1.9	10.0	351.0	
11:45	2.1	30.9	3.4	15.2	7.3	4.0	10.7	350.1	
12:00	2.0	31.4	2.4	17.2	7.0	8.0	10.8	359.0	
12:15	1.7	37.5	2.5	20.0	6.0	12.0	11.0	358.0	

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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							
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							
03:45	34.7						
04:00	34.5						
04:15	33.5						
04:30	31.9						
04:45	31.2						
05:00	34.1	13.9	36.3	15.8	38.3	15.2	37.0
05:15	44.3	14.6	35.4	17.2	45.0	15.8	36.6
05:30	46.3	13.0	38.0	16.0	47.3		
05:45	37.6	14.2	32.0	15.7	45.0		
06:00	38.0	15.7	41.0				
06:15	38.1	14.5	34.2				
06:30	31.8	15.3	36.0				
06:45	34.8	14.0	32.9				
07:00	27.7	12.3	27.7				
07:15	24.7						
07:30							
07:45							
08:00							
08:15							
08:30							
08:45							
09:00							
09:15							
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10:30							
10:45							
11:00							
11:15							
11:30							
11:45							
12:00							
12:15							

	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							
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22:45							
23:00							
23:15							
23:30							
23:45							
Avg	34.9	14.2	34.8	16.2	43.9	15.5	36.8
Max	46.3	15.7	41.0	17.2	47.3	15.8	37.0
Hr. of Max	22	24	24	21	22	21	20
Min	24.7	12.3	27.7	15.7	38.3	15.2	36.6
Count	15	9	9	4	4	2	2
Total							