

Daily Summary Report

Site: ORNL Sodar

12/27/2017

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	.7	181.5	1.1	55.7	2.8	48.3	3.5	45.8
00:15	100	.7	173.5	.6	38.7	2.3	39.7	3.3	37.4
00:30	100	.7	190.6	.7	33.5	2.1	38.5	3.3	34.2
00:45	100	.6	222.1	1.1	40.0	2.3	40.4	3.2	35.1
01:00	100	.5	252.7	1.0	38.1	2.4	45.2	3.2	38.7
01:15	100	.4	264.2	.7	34.7	2.6	43.5	3.3	37.3
01:30	100	.5	266.1	.9	35.0	2.5	38.1	3.7	33.6
01:45	100	.7	238.0	.9	20.8	1.7	32.5	3.1	35.4
02:00	100	.8	251.3	1.0	10.1	1.2	24.8	2.5	34.8
02:15	100	.7	271.4	1.2	9.8	1.2	13.6	1.9	29.9
02:30	100	.4	290.8	1.2	6.1	1.3	3.4	1.2	24.1
02:45	100	.4	335.2	1.2	9.5	1.0	5.3	.8	35.1
03:00	100	.4	350.7	1.1	14.7	.9	25.7	.7	51.5
03:15	100	.2	348.5	.7	18.5	.7	39.0	.9	49.2
03:30	100	.1	298.7	.4	31.9	.8	42.6	1.3	39.1
03:45	100	.5	327.0	.4	55.3	1.1	35.1	1.6	31.3
04:00	100	.7	327.5	.6	34.5	1.1	31.7	1.4	31.3
04:15	100	.5	264.8	.6	29.0	1.0	32.5	1.6	32.1
04:30	100	.8	263.5	.9	25.3	1.5	30.4	2.4	37.1
04:45	100	.6	304.3	1.1	22.0	1.9	35.7	2.9	41.5
05:00	100	.5	1.8	1.2	43.8	2.0	40.0	3.2	44.9
05:15	100	.4	12.1	1.0	43.2	2.1	40.9	3.3	43.8
05:30	100	.1	11.6	.9	7.2	1.9	45.3	3.1	41.5
05:45	100	.3	249.6	.6	7.9	1.3	50.1	2.5	50.8
06:00	100	.8	234.1	.5	71.4	1.4	71.6	2.1	67.5
06:15	100	.8	231.7	.7	66.5	1.6	69.3	2.0	67.5
06:30	100	.9	241.1	.6	47.3	1.4	54.3	2.0	58.1
06:45	100	.8	233.8	.6	355.7	1.2	25.7	1.7	33.5
07:00	100	.7	243.2	1.3	323.5	1.5	348.8	1.8	5.2
07:15	100	1.0	294.3	2.0	330.4	1.7	351.1	1.9	2.3
07:30	100	1.4	310.0	1.7	341.0	1.5	352.8	1.2	4.8
07:45	100	.8	343.1	1.2	353.0	1.0	356.6	.6	28.7
08:00	100	.2	324.7	1.2	354.0	.8	4.4	1.0	21.6
08:15	100	.5	231.9	.9	354.0	1.0	8.0	1.4	20.8
08:30	100	.4	218.4	.5	352.8	1.1	12.9	1.4	33.5
08:45	100	.3	135.0	.6	349.5	1.2	13.5	1.6	25.7
09:00	100	.4	107.0	1.0	357.9	1.3	16.6	1.5	26.2
09:15	100	.7	104.1	1.2	358.5	1.3	23.4	1.8	38.0
09:30	100	.9	125.7	1.1	3.9	1.3	45.1	1.9	51.4
09:45	100	.8	214.2	.7	16.0	1.2	62.4	1.7	57.0
10:00	100	1.2	218.0	.3	36.4	.8	62.3	1.4	51.8
10:15	100	.7	202.4	.5	47.2	.6	69.1	1.2	60.9
10:30	100	.2	23.9	1.6	48.0	1.6	42.1	1.6	54.6
10:45	100	1.1	44.9	2.1	38.2	2.9	36.2	2.5	44.1
11:00	100	1.6	45.2	2.5	41.1	3.4	41.7	3.1	42.4
11:15	100	1.8	44.7	2.9	39.2	3.1	41.1	3.0	39.5
11:30	100	1.8	59.6	2.6	38.0	3.4	34.1	3.3	34.2
11:45	100	1.5	32.7	2.3	29.2	3.4	25.2	3.5	22.8
12:00	100	1.4	17.0	2.0	10.3	3.3	359.8	3.6	353.7
12:15	100	1.2	36.9	1.0	38.4	2.0	12.4	2.2	10.5

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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	1.7	36.6	1.9	3.8	11.6	.7			
00:15	2.1	29.8	.9	25.6	11.0	1.0			
00:30	3.2	19.8	2.9	20.5	10.0	2.0			
00:45	2.3	15.1	2.2	25.1	9.1	2.7			
01:00	.7	13.9	1.2	30.2	8.0	7.0			
01:15	.6	26.7	1.0	44.5	7.0	8.0			
01:30	.9	7.7	1.8	20.1					
01:45	1.1	20.9	1.4	30.4					
02:00	1.6	33.9	1.1	24.1					
02:15	2.4	31.0	1.5	9.5					
02:30	2.2	32.6	.8	44.3					
02:45	1.6	30.9	1.6	29.5					
03:00	2.2	37.5	1.9	24.2					
03:15	2.6	41.3	2.4	38.5	.6	28.0			
03:30	3.0	36.0	3.7	33.2					
03:45	3.8	33.0	3.9	26.8					
04:00	3.5	30.0	4.2	20.9	6.3	3.3			
04:15	3.4	27.9	4.5	19.5	6.0	4.6			
04:30	4.0	29.8	3.9	18.0	6.2	5.9			
04:45	4.9	32.0	4.4	14.4	8.0	7.0			
05:00	5.8	34.8	5.9	20.0	10.0	9.0			
05:15	5.8	35.5	6.5	22.3	12.2	11.0			
05:30	5.5	36.7	6.4	24.6	10.7	9.4			
05:45	4.8	42.1	5.6	32.2	10.6	15.0			
06:00	4.1	47.8	5.3	31.4	10.4	22.7			
06:15	3.7	49.9	5.2	29.1	9.1	21.0			
06:30	3.2	45.1	4.9	23.4	9.1	21.0			
06:45	2.3	23.3	5.1	13.7	9.0	22.0			
07:00	2.0	8.4	4.3	15.3	9.0	22.0			
07:15	2.6	7.6	4.5	18.5	9.0	22.5			
07:30	2.2	10.9	4.3	19.5	8.3	16.0			
07:45	1.3	22.3	3.1	16.9	8.0	9.5			
08:00	1.8	15.8	3.1	9.2	8.0	9.0			
08:15	2.2	20.4	3.6	14.5	8.5	8.0			
08:30	1.8	31.8	2.4	19.6	9.0	7.0			
08:45	2.3	26.3	3.8	14.7	10.1	5.2			
09:00	2.5	28.3	5.1	23.6	9.6	11.9			
09:15	2.4	30.4	4.5	34.1	9.9	14.3			
09:30	2.5	37.1	4.2	39.1	9.5	29.1			
09:45	2.3	41.5	3.7	37.4	7.2	31.4			
10:00	1.9	33.3	3.4	25.5	6.8	27.4			
10:15	1.4	26.1	2.4	24.0	5.8	29.9			
10:30	1.7	41.6	1.7	68.4	5.3	48.3			
10:45	2.7	46.3	2.7	45.4	7.3	44.1	6.8	40.8	9.1
11:00	2.8	36.2	3.0	31.6	4.3	19.1	5.4	20.9	6.1
11:15	2.4	26.7	2.3	31.0	4.1	4.4	5.6	7.2	5.5
11:30	2.9	21.4	2.8	20.0	3.7	21.3	4.5	20.2	5.4
11:45	3.4	16.1	3.5	13.3	3.4	16.2	4.0	6.1	6.0
12:00	3.3	358.1	3.4	3.1	3.7	4.8	5.3	357.6	4.1
12:15	2.4	18.7	2.5	17.6	2.2	33.8	3.8	18.6	3.5

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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							
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10:00							
10:15							
10:30							
10:45	45.1						
11:00	22.3						
11:15	4.7						
11:30	7.4	6.2	20.2				
11:45	1.6	4.9	21.6				
12:00	357.0	4.1	358.0	3.6	3.0		
12:15	11.0	3.2	4.0	3.0	10.2		

	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							
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19:45							
20:00							
20:15	46.2	7.9	40.5	8.0	48.6		
20:30	51.4	6.5	48.7	7.9	69.7		
20:45	49.7	5.6	60.4	8.0	77.9		
21:00	43.5	6.0	43.9				
21:15	45.4	7.3	36.9				
21:30	58.0	8.4	55.0				
21:45	63.0	8.4	79.6				
22:00	50.0	8.5	77.0				
22:15	54.9	8.5	75.0				
22:30	61.0	8.6	74.0				
22:45	58.0	8.6	73.0				
23:00	55.0	8.7	72.0				
23:15	52.9	8.8	71.0				
23:30	51.9	8.9	70.0				
23:45	63.0	9.0	69.0				
Avg	57.0	7.3	71.0	6.1	41.9		
Max	357.0	9.0	358.0	8.0	77.9		
Hr. of Max	48	95	48	83	83		
Min	1.6	3.2	4.0	3.0	3.0		
Count	22	19	19	5	5	0	0
Total							