

Daily Summary Report

Site: ORNL Sodar

12/28/2017

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	.1	18.5	.9	23.5	2.6	40.4	4.0	43.6
00:15	100	.2	355.1	1.0	11.3	2.8	36.3	4.5	40.7
00:30	100	.5	75.5	1.1	33.3	3.0	43.0	4.8	45.3
00:45	100	.4	76.1	1.1	39.5	2.8	46.6	4.4	46.3
01:00	100	.9	80.7	1.1	44.6	2.8	47.3	4.1	45.6
01:15	100	1.4	65.5	1.4	40.6	3.2	42.4	4.6	45.4
01:30	100	1.3	40.1	2.0	20.9	4.0	34.1	5.4	38.5
01:45	100	1.3	31.3	2.4	20.9	4.1	31.6	5.7	34.1
02:00	100	.9	37.2	2.7	33.9	4.7	39.1	6.3	39.2
02:15	100	.6	46.6	2.4	43.4	4.6	44.0	6.3	40.1
02:30	100	1.5	27.0	2.0	41.8	4.2	38.8	6.4	35.9
02:45	100	1.9	32.3	1.7	42.6	4.1	37.7	6.2	37.4
03:00	100	2.0	32.3	1.7	38.6	3.6	45.8	5.5	41.6
03:15	100	2.4	21.5	1.9	30.6	3.9	49.3	5.9	44.3
03:30	100	2.5	15.3	2.1	30.2	4.2	45.4	6.2	42.9
03:45	100	2.8	16.8	2.3	38.3	4.6	45.9	6.2	43.9
04:00	100	3.0	5.0	2.3	51.1	5.4	50.6	6.6	51.8
04:15	100	3.1	355.0	2.0	55.9	5.0	50.0	6.5	54.0
04:30	100	3.3	342.0	1.9	62.3	4.3	55.9	5.9	56.8
04:45	100	3.4	330.1	2.2	50.7	4.7	58.7	6.1	58.2
05:00	100	3.0	340.0	2.4	44.2	4.9	56.3	6.8	54.3
05:15	100	2.6	350.0	2.2	49.8	4.6	53.1	6.5	50.6
05:30	100	2.3	360.0	2.2	43.8	4.4	48.3	5.9	46.5
05:45	100	2.0	10.0	2.2	45.5	4.2	49.4	5.7	48.5
06:00	100	1.7	19.3	2.2	41.3	3.9	48.4	5.2	48.7
06:15	100	1.0	3.9	2.1	36.9	3.9	44.0	5.4	45.2
06:30	100	1.1	12.1	2.3	44.4	3.7	43.3	5.7	47.7
06:45	100	2.3	12.9	2.0	53.8	3.4	48.9	5.3	53.6
07:00	100	2.8	17.4	2.0	51.1	4.0	51.9	5.7	54.2
07:15	100	2.4	327.2	2.5	45.8	4.3	51.2	6.1	52.3
07:30	100	2.4	329.0	2.9	48.7	4.5	49.7	5.9	51.9
07:45	100	2.5	331.0	3.1	47.9	4.7	49.5	6.2	50.9
08:00	100	2.6	333.2	3.0	46.7	4.5	49.3	6.2	49.0
08:15	100	2.7	319.2	2.9	49.7	4.2	46.6	5.7	46.8
08:30	100	2.0	324.0	2.7	54.5	4.0	50.2	5.6	49.2
08:45	100	1.1	329.6	2.1	68.2	3.8	59.6	5.4	55.9
09:00	100	.7	334.5	1.9	65.1	4.1	58.6	5.3	59.7
09:15	100	.9	5.5	2.4	49.7	4.3	53.0	5.3	59.6
09:30	100	.6	28.4	2.3	52.5	3.4	52.1	4.5	53.5
09:45	100	.8	14.4	2.8	47.2	3.3	43.7	4.0	45.7
10:00	100	1.5	12.2	3.4	32.5	4.3	33.0	4.3	44.5
10:15	100	1.9	57.8	3.8	60.9	4.4	55.6	4.5	55.4
10:30	100	2.6	80.2	4.7	80.5	4.6	70.4	4.8	64.6
10:45	100	1.5	73.3	3.1	75.6	4.2	67.1	5.2	66.8
11:00	100	.5	353.5	1.6	58.5	3.0	64.3	3.5	68.4
11:15	100	.4	17.5	1.5	53.4	2.4	52.3	2.9	53.9
11:30	100	1.4	89.2	2.2	83.0	2.7	66.4	3.1	59.6
11:45	100	1.9	89.7	2.3	86.8	2.4	68.8	2.7	66.6
12:00	100	1.4	78.5	2.3	73.0	2.3	59.0	2.4	58.2
12:15	100	1.6	28.4	2.6	45.6	2.2	30.1	2.3	31.3

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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	5.4	44.7	7.7	48.8	10.3	51.9	10.7	61.0	10.1
00:15	5.9	42.7	8.3	45.1	10.6	51.3	10.8	59.9	10.5
00:30	7.0	46.0	8.9	48.0	10.9	55.3	11.5	62.1	10.8
00:45	6.8	44.5	8.5	49.1	10.9	56.2	11.3	62.8	11.1
01:00	6.4	42.2	8.6	47.4	10.9	57.3	10.7	61.9	11.6
01:15	6.9	43.9	9.2	46.8	11.0	57.9	10.8	63.6	11.0
01:30	7.6	41.5	9.7	45.1	10.8	58.4	11.3	64.0	10.5
01:45	7.6	40.8	9.4	47.3	10.7	57.2	10.8	63.3	9.7
02:00	8.0	43.1	9.9	47.6	10.9	57.0	10.4	58.1	9.3
02:15	8.5	41.4	10.3	45.6	10.7	58.8	9.8	58.9	8.6
02:30	8.2	40.7	9.9	45.8	10.5	60.3	9.4	63.6	8.2
02:45	7.5	42.0	9.5	46.1	10.4	59.9	9.3	61.9	7.7
03:00	7.2	43.6	9.4	47.0	10.7	58.9	9.8	58.6	7.6
03:15	7.4	44.5	9.8	47.6	11.3	60.0	10.7	57.3	8.1
03:30	7.6	42.6	10.1	46.4	11.3	59.1	11.0	56.9	7.7
03:45	8.3	45.1	10.7	45.4	11.4	58.7	11.2	59.4	7.5
04:00	9.0	49.4	10.8	48.9	11.6	62.1	12.1	63.1	8.4
04:15	8.8	49.5	10.6	52.7	11.8	63.4	12.2	64.6	8.5
04:30	8.4	53.4	10.3	56.3	11.8	62.3	11.5	64.5	8.3
04:45	8.4	55.1	10.4	59.1	12.1	64.9	11.0	61.0	8.7
05:00	8.9	53.7	10.8	60.6	12.3	66.9	12.2	61.6	9.6
05:15	8.9	54.3	10.3	61.5	11.6	68.0	12.0	62.0	9.7
05:30	8.2	51.2	9.8	56.0	11.2	68.8	11.6	63.0	9.6
05:45	7.8	48.1	9.9	52.6	11.6	63.2	12.2	60.0	10.9
06:00	7.8	45.5	9.4	52.6	12.1	58.9	11.5	51.0	10.7
06:15	7.5	46.9	9.2	53.5	12.2	62.6	9.7	55.0	9.4
06:30	7.5	52.4	9.3	56.0	11.8	64.1	10.3	52.6	8.6
06:45	7.4	54.4	9.4	58.2	11.7	62.1	10.9	53.6	7.6
07:00	7.1	53.4	9.7	58.3	12.7	66.2	10.7	59.8	6.3
07:15	7.4	53.2	9.4	59.5	12.3	66.2	10.0	64.9	6.3
07:30	8.1	53.2	9.4	61.3	12.0	65.9	9.3	63.3	6.3
07:45	8.6	53.3	9.6	62.1	12.0	65.9	9.1	59.0	6.0
08:00	8.2	52.6	9.5	62.2	11.2	66.8	9.0	57.0	6.6
08:15	7.7	50.5	9.2	60.5	10.7	69.1	9.3	65.0	7.3
08:30	7.4	50.6	9.3	58.9	10.0	67.1	10.0	63.0	6.1
08:45	7.1	54.9	9.2	60.3	9.5	67.7	10.0	63.5	5.2
09:00	7.1	59.0	8.3	67.2	9.0	72.4	7.7	71.3	5.0
09:15	7.0	58.5	7.6	67.2	8.7	72.8	7.6	80.5	5.0
09:30	5.5	54.4	7.1	63.3	8.5	73.4	7.5	75.2	4.5
09:45	4.0	52.3	5.8	59.6	7.8	72.9	7.4	71.7	4.7
10:00	4.7	41.8	5.0	52.5	6.5	68.4	7.7	67.5	6.7
10:15	4.9	45.8	5.3	53.1	5.9	60.8	8.0	64.8	7.6
10:30	5.3	57.9	5.8	57.9	6.5	61.8	8.0	63.6	6.4
10:45	5.3	64.2	5.7	65.5	6.7	66.7	7.8	70.7	5.8
11:00	3.8	72.0	4.7	75.6	5.4	70.7	7.3	77.2	5.9
11:15	3.4	55.3	4.0	57.0	4.3	62.7	6.6	67.2	
11:30	3.6	47.5	4.2	34.2	4.3	44.2	6.4	57.7	
11:45	3.0	51.4	3.6	34.2	4.2	38.0	5.9	51.3	
12:00	3.0	45.3	3.1	38.9	4.1	30.6	5.1	39.7	12.6
12:15	3.0	22.6	2.7	21.2	3.6	28.6	4.4	35.3	12.5

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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	76.5	9.0	68.0				
00:15	74.9	9.1	67.0				
00:30	72.0	9.1	66.0				
00:45	68.0	9.2	65.0				
01:00	66.5	9.3	64.0				
01:15	69.0	9.3	63.0				
01:30	73.0	9.4	62.0				
01:45	77.5	9.5	61.6				
02:00	82.2	9.4	59.0				
02:15	70.1	9.2	57.0				
02:30	67.9	9.0	55.0				
02:45	63.4	9.0	53.0				
03:00	59.1	8.9	51.0				
03:15	61.9	8.8	50.0				
03:30	65.1	8.8	48.3				
03:45	59.0	9.4	46.2				
04:00	60.7	9.7	56.2				
04:15	66.3	8.0	55.0				
04:30	61.9	7.0	53.0				
04:45	63.0	6.6	52.8				
05:00	64.4	6.2	49.9				
05:15	64.4	6.4	50.8				
05:30	64.0	5.5	55.9				
05:45	57.0	5.8	48.4				
06:00	51.6	7.5	41.2				
06:15	47.8	6.9	45.8				
06:30	55.3	6.7	49.9				
06:45	53.2	7.0	51.0				
07:00	62.0	7.0	52.0				
07:15	61.8	7.0	53.0				
07:30	58.5	7.0	54.6				
07:45	64.2	6.9	55.0				
08:00	66.6	6.8	57.0				
08:15	67.0	6.6	58.3				
08:30	70.6	5.8	91.8				
08:45	83.0	6.8	99.8				
09:00	86.2	6.4	100.0				
09:15	92.6	6.0	102.0				
09:30	97.4	5.7	103.7				
09:45	90.8	4.4	100.3				
10:00	78.3	5.0	102.0				
10:15	63.3	6.0	104.0				
10:30	63.5	7.0	106.0				
10:45	84.0	8.0	109.3				
11:00	93.2						
11:15							
11:30							
11:45							
12:00	15.0						
12:15	.5						

	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							
13:15							
13:30	262.7						
13:45	241.4						
14:00	121.1						
14:15							
14:30							
14:45							
15:00							
15:15	336.0						
15:30	110.0						
15:45							
16:00							
16:15							
16:30							
16:45							
17:00							
17:15							
17:30							
17:45							
18:00							
18:15							
18:30							
18:45							
19:00							
19:15							
19:30							
19:45							
20:00							
20:15	218.3						
20:30	223.0						
20:45	232.0						
21:00	240.4						
21:15	233.4						
21:30	233.0	10.1	235.5				
21:45	236.1	9.8	236.6				
22:00	237.7						
22:15	234.6						
22:30	224.8						
22:45							
23:00							
23:15							
23:30							
23:45							
Avg	104.8	7.7	73.2				
Max	336.0	10.1	236.6				
Hr. of Max	61	86	87				
Min	.5	4.4	41.2				
Count	62	46	46	0	0	0	0
Total							