

Daily Summary Report

Site: ORNL Sodar

12/24/2017

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	82.9	.4	21.9	.9	39.3	.8	43.3
00:15	100	.3	74.0	.2	351.3	.7	38.4	.9	36.5
00:30	100	.3	50.8	.2	293.0	.4	54.6	.4	50.6
00:45	100	.2	40.3	.4	278.1	.2	58.8	.4	70.1
01:00	100	.2	11.0	.2	295.3	.3	82.4	.5	58.1
01:15	100	.2	37.8	.2	12.9	.4	69.1	.7	59.7
01:30	100	.2	65.4	.1	345.6	.4	58.6	.9	68.1
01:45	100	.2	60.9	.1	22.1	.5	63.2	.9	61.8
02:00	100	.2	78.1	.3	57.8	.7	62.7	.7	52.6
02:15	100	.2	94.6	.1	34.1	.4	61.9	.5	50.2
02:30	100	.2	98.6	.1	305.4	.3	70.3	.4	62.9
02:45	100	.2	93.9	.1	313.7	.2	92.3	.6	65.8
03:00	100	.1	121.5	.1	332.2	.5	66.9	1.4	51.0
03:15	100	.0	117.3	.2	303.1	.8	54.2	1.5	41.3
03:30	100	.1	.9	.3	293.9	.5	51.2	1.2	47.7
03:45	100	.1	59.0	.3	278.2	.5	67.3	1.1	62.8
04:00	100	.1	123.2	.2	269.2	.4	68.8	1.0	50.0
04:15	100	.2	144.5	.2	283.7	.5	63.8	1.2	41.1
04:30	100	.2	95.9	.2	289.0	.4	54.4	1.0	45.0
04:45	100	.3	79.2	.3	279.7	.4	53.2	1.1	53.9
05:00	100	.2	103.0	.2	262.4	.7	60.3	1.6	54.2
05:15	100	.1	106.7	.1	48.4	.8	58.2	1.5	49.7
05:30	100	.2	88.1	.3	40.5	.8	60.8	1.7	52.2
05:45	100	.2	91.0	.2	21.4	1.2	60.0	2.5	50.7
06:00	100	.1	87.1	.1	24.0	1.0	54.3	1.9	49.3
06:15	100	.1	79.1	.2	301.4	.5	51.5	.8	54.5
06:30	100	.0	98.6	.3	291.6	.6	70.3	.7	69.2
06:45	100	.1	120.9	.3	311.3	.7	56.5	1.1	59.6
07:00	100	.2	110.7	.4	334.2	.6	41.9	1.3	48.8
07:15	100	.3	100.5	.4	327.0	.5	46.5	1.2	53.6
07:30	100	.3	101.5	.4	325.6	.6	37.6	1.5	54.6
07:45	100	.2	98.0	.3	312.5	1.1	38.7	2.4	49.5
08:00	100	.1	92.9	.2	288.1	1.2	34.3	2.5	45.4
08:15	100	.1	93.1	.2	310.7	.6	32.3	1.2	50.1
08:30	100	.2	81.0	.3	329.7	.4	53.9	.7	47.9
08:45	100	.1	84.8	.3	323.1	.4	45.1	.7	49.3
09:00	100	.0	173.6	.4	302.0	.2	39.8	.6	60.2
09:15	100	.2	107.3	.6	298.6	.2	73.0	.4	59.0
09:30	100	.2	124.6	.5	302.5	.2	42.7	.4	26.6
09:45	100	.0	256.9	.4	309.8	.2	12.4	.4	18.6
10:00	100	.1	301.4	.3	297.3	.1	23.2	.4	30.9
10:15	100	.2	281.2	.2	291.9	.1	47.8	.3	41.3
10:30	100	.2	293.0	.3	264.2	.1	317.0	.1	7.6
10:45	100	.4	306.5	.3	260.4	.2	317.7	.2	349.0
11:00	100	.3	308.0	.2	251.6	.1	330.4	.1	31.3
11:15	100	.2	288.9	.2	197.3	.1	215.6	.1	174.0
11:30	100	.3	256.5	.3	187.9	.2	209.2	.2	198.4
11:45	100	.3	223.0	.3	189.3	.3	212.6	.3	206.3
12:00	100	.5	215.1	.4	194.5	.8	250.9	.6	247.8
12:15	100	.5	242.7	.6	237.9	1.1	263.7	.9	263.8

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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	55.2	.3	15.5	2.8	13.5	2.4	6.7	3.5
00:15	.6	45.2	.6	9.8	2.6	13.3	2.1	10.2	4.5
00:30	.6	47.8	.9	14.0	1.5	31.3	2.5	30.7	5.3
00:45	.5	44.8	.5	38.0	1.6	20.5	3.0	17.4	4.5
01:00	.7	36.9	.3	31.7	1.7	17.2	2.3	12.3	4.0
01:15	.9	59.2	.6	24.3	1.0	16.1	1.3	357.5	3.0
01:30	1.1	64.8	1.1	43.0	1.4	12.4	1.9	19.4	2.4
01:45	1.3	50.7	1.5	37.2	2.0	20.5	2.4	10.4	4.2
02:00	.9	48.1	1.5	33.5	2.4	12.4	3.0	11.0	4.3
02:15	.5	41.2	1.0	34.6	3.0	10.1	2.1	7.4	3.7
02:30	.5	46.8	.9	51.6	3.1	21.9	3.3	15.0	3.8
02:45	1.5	49.3	2.4	43.3	3.1	35.0	.7	357.5	4.0
03:00	3.0	42.7	3.5	33.8	3.1	26.1	2.7	8.4	4.3
03:15	3.3	35.9	3.6	31.6	3.7	25.1	3.4	21.4	4.5
03:30	2.6	39.7	3.6	41.1	4.5	30.3	4.1	32.0	4.5
03:45	2.4	48.1	3.6	44.1	4.4	27.1	3.3	35.0	4.8
04:00	2.8	38.6	3.9	38.5	3.8	29.4	2.8	44.3	4.8
04:15	3.1	36.9	3.4	35.0	2.6	31.9	1.9	39.6	5.0
04:30	3.0	45.1	2.9	39.9	1.5	37.1	2.7	58.6	5.3
04:45	2.9	47.8	3.2	39.4	1.8	56.6	4.0	56.0	5.5
05:00	2.9	41.3	3.5	38.3	2.2	82.3	5.0	55.0	5.8
05:15	2.7	44.1	3.6	42.7	4.3	59.9	6.0	53.0	6.0
05:30	2.9	49.0	4.8	42.1	6.3	43.6	6.4	51.1	6.3
05:45	3.8	41.8	6.0	37.7	7.9	33.6	7.0	49.9	6.2
06:00	3.0	41.5	5.6	29.7	7.5	36.9	7.3	53.2	6.4
06:15	1.4	45.2	4.5	30.7	7.2	42.6	7.3	59.5	6.3
06:30	1.7	36.6	4.3	43.8	7.3	47.7	7.3	62.6	7.3
06:45	2.5	36.9	4.9	39.3	7.2	49.9	6.8	63.0	7.3
07:00	3.0	35.2	5.5	34.5	7.2	48.2	6.6	58.4	7.4
07:15	3.0	40.4	5.9	36.6	7.0	49.6	6.6	62.1	8.5
07:30	3.1	55.9	6.2	45.6	7.0	56.2	6.6	73.2	9.5
07:45	4.3	52.4	6.7	50.5	6.9	61.7	6.9	73.3	10.5
08:00	4.7	39.4	6.6	47.0	7.1	62.9	8.5	62.6	8.3
08:15	3.0	35.9	5.2	44.3	7.1	61.4	9.1	70.2	9.4
08:30	2.0	55.0	4.0	46.8	6.9	62.8	7.9	68.8	11.6
08:45	1.8	56.2	3.2	48.7	6.4	65.7	7.4	80.9	10.1
09:00	1.3	51.0	2.5	48.6	5.2	64.3	6.8	83.3	11.5
09:15	1.0	47.0	2.6	45.8	4.7	60.6	6.9	75.7	9.5
09:30	.7	45.3	2.0	48.1	4.3	68.4	6.6	85.4	7.3
09:45	.4	42.8	1.1	44.9	3.5	81.5	6.2	89.4	7.7
10:00	.4	22.8	1.0	39.2	2.8	77.6	5.3	90.7	6.8
10:15	.4	15.5	.7	41.8	2.2	73.2	4.5	94.6	5.9
10:30	.3	354.5	.5	23.5	1.5	86.4	3.7	103.3	5.5
10:45	.2	18.8	.4	13.9	1.3	91.8	3.6	116.6	5.3
11:00	.3	54.3	.4	40.2	1.8	95.7	4.4	131.8	6.3
11:15	.4	41.0	.3	50.8	1.9	105.1	4.4	140.9	6.5
11:30	.1	49.9	.1	321.1	1.7	139.8	4.0	159.6	6.3
11:45	.2	201.5	.3	267.8	1.4	158.9	4.1	174.5	7.4
12:00	.4	239.3	.4	278.0	1.3	192.7	3.6	184.1	7.2
12:15	.6	254.1	.6	261.9	2.1	195.5	3.2	201.7	6.4

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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	9.0						
00:15	23.0						
00:30	40.7						
00:45	37.1						
01:00	36.0						
01:15	35.0						
01:30	34.2						
01:45	31.9	4.8	60.7				
02:00	42.1	4.1	71.6				
02:15	44.9	3.3	68.6				
02:30	29.0	3.0	49.7	4.5	82.1		
02:45	31.0	3.7	68.4	4.6	82.5		
03:00	35.0	5.3	76.3	4.9	89.1		
03:15	37.0	5.3	78.0				
03:30	40.0	5.4	80.0				
03:45	43.0	5.4	81.0				
04:00	45.0	5.5	83.0				
04:15	48.0	5.5	84.0				
04:30	50.0	5.7	85.0				
04:45	53.0	5.7	86.0				
05:00	55.0	5.8	88.0				
05:15	58.0	5.9	90.0				
05:30	63.4	6.0	92.0				
05:45	62.3	6.0	94.7				
06:00	69.1	7.8	90.2				
06:15	74.8	10.3	91.0				
06:30	89.2						
06:45	80.0						
07:00	71.7						
07:15	75.0						
07:30	80.0						
07:45	84.0						
08:00	83.5						
08:15	88.2						
08:30	94.4						
08:45	92.9						
09:00	96.0						
09:15	93.0						
09:30	90.6						
09:45	93.0						
10:00	111.0						
10:15	127.5	5.9	140.3				
10:30	139.2	5.9	159.9				
10:45	144.2	7.3	176.1				
11:00	159.0	7.5	183.8	10.0	208.9		
11:15	174.5	8.0	195.4	11.1	211.2	14.5	229.0
11:30	182.6	8.8	203.8	11.9	212.5		
11:45	191.2	9.6	209.7	11.8	215.2		
12:00	199.5	10.3	209.4	12.0	216.0		
12:15	212.1	10.8	213.0	13.0	218.0		

	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	226.9	10.7	219.4	13.4	219.8		
12:45	236.0	11.4	225.4	13.3	218.0		
13:00	234.0						
13:15	232.0						
13:30	230.0						
13:45	229.0						
14:00	227.8						
14:15	234.3						
14:30	227.7						
14:45							
15:00							
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21:45							
22:00							
22:15							
22:30							
22:45							
23:00	281.8						
23:15	291.9						
23:30	286.2						
23:45	286.3	11.3	277.9				
Avg	114.3	6.8	126.8	10.0	179.4	14.5	229.0
Max	291.9	11.4	277.9	13.4	219.8	14.5	229.0
Hr. of Max	93	51	95	50	50	45	45
Min	9.0	3.0	49.7	4.5	82.1	14.5	229.0
Count	63	31	31	11	11	1	1
Total							