

Daily Summary Report

Site: ORNL Sodar

12/21/2017

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	.4	336.8	1.6	50.9	2.9	47.2	3.9	49.7
00:15	100	.4	326.3	1.6	60.0	3.1	48.4	4.2	50.6
00:30	100	.2	344.1	1.2	64.8	2.8	54.0	3.6	54.3
00:45	100	.2	23.9	1.2	62.8	2.8	59.4	3.2	56.4
01:00	100	.2	2.0	1.3	72.9	2.6	62.6	3.3	61.8
01:15	100	.2	31.5	1.0	80.0	2.3	64.1	3.1	62.9
01:30	100	.2	36.0	.6	75.9	2.1	59.3	2.7	57.9
01:45	100	.3	19.4	.7	62.5	2.1	51.4	2.5	53.1
02:00	100	.3	336.3	.8	56.9	1.9	52.6	2.4	52.1
02:15	100	.2	353.9	.6	57.6	2.0	56.7	2.6	53.2
02:30	100	.1	42.9	.7	59.1	2.3	57.6	3.0	54.2
02:45	100	.0	67.3	.6	66.6	2.1	60.0	3.0	54.7
03:00	100	.1	126.5	.6	90.9	2.0	57.8	3.3	53.2
03:15	100	.3	103.2	.4	84.4	2.0	63.2	3.3	58.0
03:30	100	.3	108.5	.2	66.0	1.9	74.2	2.9	64.7
03:45	100	.1	120.0	.3	60.0	1.9	70.5	2.8	65.0
04:00	100	.1	326.1	.2	37.5	1.8	67.6	2.3	61.7
04:15	100	.2	198.9	.1	37.6	1.6	73.8	2.2	63.1
04:30	100	.2	165.7	.3	71.6	1.6	76.9	2.6	67.5
04:45	100	.1	130.1	.3	73.9	1.3	78.4	2.1	66.5
05:00	100	.1	134.9	.1	143.7	.8	84.2	1.4	67.6
05:15	100	.1	195.7	.1	234.1	.8	75.6	1.5	64.5
05:30	100	.2	280.6	.2	6.3	.9	63.7	1.2	58.8
05:45	100	.3	277.0	.3	356.3	.7	55.0	1.2	57.2
06:00	100	.2	271.7	.3	337.7	.6	48.1	1.1	61.0
06:15	100	.2	266.9	.5	338.0	.6	47.4	.9	63.1
06:30	100	.1	291.4	.4	324.3	.5	50.1	.6	62.4
06:45	100	.1	28.7	.3	288.2	.3	51.5	.2	80.2
07:00	100	.1	70.1	.4	274.7	.2	101.4	.3	58.9
07:15	100	.1	165.4	.3	264.6	.2	197.7	.1	14.0
07:30	100	.2	185.4	.4	248.0	.3	221.0	.2	259.0
07:45	100	.2	245.0	.4	254.8	.1	220.9	.0	202.5
08:00	100	.1	268.3	.3	262.6	.1	279.8	.2	52.2
08:15	100	.0	246.7	.6	247.3	.1	250.5	.3	36.0
08:30	100	.1	93.4	.7	250.7	.2	195.5	.1	74.2
08:45	100	.2	88.6	.6	254.6	.3	188.6	.3	158.2
09:00	100	.2	84.1	.6	254.0	.1	157.5	.2	144.5
09:15	100	.2	79.4	.5	269.7	.1	126.0	.2	174.8
09:30	100	.3	70.6	.4	280.9	.0	36.7	.2	131.4
09:45	100	.5	73.0	.3	275.6	.1	358.1	.3	122.0
10:00	100	.5	76.3	.4	289.3	.1	352.2	.2	95.4
10:15	100	.5	78.0	.4	291.7	.3	17.0	.3	72.2
10:30	100	.5	66.6	.2	279.9	.5	22.8	.3	46.9
10:45	100	.4	50.2	.1	270.7	.3	7.5	.1	249.6
11:00	100	.2	40.0	.2	294.0	.3	217.3	1.0	208.4
11:15	100	.1	281.2	.2	7.3	.2	198.2	.8	205.3
11:30	100	.2	241.0	.1	64.1	.2	90.1	.2	183.2
11:45	100	.1	217.7	.3	121.7	.2	118.0	.5	184.5
12:00	100	.1	242.0	.1	179.5	.3	234.6	.9	212.1
12:15	100	.3	207.4	.3	275.8	.6	233.4	1.3	211.2

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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	2.5	59.4	3.7	71.6	9.5	76.0			
00:15	3.4	60.0	3.1	71.6	8.6	75.5	10.5	76.5	
00:30	2.3	60.6	1.2	69.7	5.9	82.2	10.0	78.0	
00:45	1.2	44.6	.5	24.5	.7	9.8	9.7	80.0	
01:00	1.6	52.5	.4	10.9	1.0	44.8	9.4	83.0	
01:15	1.4	58.1	.5	25.0	1.0	68.1	8.8	86.0	
01:30	1.0	43.7	.5	29.7	3.8	84.9	8.2	88.2	5.4
01:45	.8	29.4	.7	31.9	7.5	84.3	6.8	89.5	5.0
02:00	.8	44.4	.9	54.2	6.0	83.1	5.3	91.7	3.5
02:15	1.3	57.6	1.0	74.1	3.0	81.5	5.7	93.1	4.3
02:30	1.8	68.2	1.8	78.8	4.7	82.8	5.0	100.0	4.3
02:45	1.8	72.7	1.2	78.1	4.5	80.1	3.7	106.7	2.9
03:00	1.5	63.7	.6	75.8	3.8	77.6	2.8	108.1	2.6
03:15	2.0	61.8	1.1	76.7	4.2	82.3	2.7	108.2	1.6
03:30	2.0	66.2	2.0	75.3	3.5	90.2	2.0	119.0	1.5
03:45	1.0	59.8	1.9	67.8	2.1	102.3	1.1	143.9	2.0
04:00	.9	52.0	1.9	64.7	1.3	107.7	.8	137.6	2.1
04:15	1.2	59.8	1.8	68.4	1.3	99.8	.5	125.1	3.1
04:30	1.8	62.2	1.6	75.9	1.9	92.7	.7	133.3	3.7
04:45	1.8	53.6	1.3	72.5	1.7	100.6	.6	162.0	3.3
05:00	1.2	42.9	.9	65.6	1.5	110.8	1.2	258.1	3.5
05:15	.7	49.7	.5	55.9	.6	96.6	.3	281.5	4.5
05:30	.6	41.7	.4	23.3	.6	11.7	.3	353.6	3.4
05:45	.9	23.4	.4	336.5	.7	108.7	1.1	266.3	3.3
06:00	.7	11.0	.1	299.5	.6	100.0	1.3	277.6	
06:15	.6	25.2	.1	94.2	.7	360.0	1.5	288.9	
06:30	.5	41.9	.4	.8	.7	280.5	1.9	271.1	
06:45	.3	42.2	.2	279.9	.5	182.2	3.3	261.9	
07:00	.6	73.4	.5	277.1	1.6	252.0	2.0	247.4	
07:15	.8	89.3	.2	70.4	1.6	249.0	3.0	244.0	
07:30	.4	94.9	.5	103.0	1.6	245.0	3.5	242.0	
07:45	.1	85.7	.1	138.8	1.6	242.0	4.0	240.0	
08:00	.1	155.9	.3	261.9	1.6	240.0	4.5	237.0	
08:15	.2	134.0	.3	242.1	1.6	236.0	5.0	233.0	
08:30	.1	73.6	.3	282.7	1.6	232.8	5.5	230.9	
08:45	.1	255.9	.1	126.8	2.2	220.2	5.5	232.0	
09:00	.2	168.7	.4	131.6	3.4	204.2	5.4	234.0	
09:15	.3	166.0	.5	193.0	3.2	205.9	5.4	236.0	
09:30	.8	210.1	1.3	219.5	3.4	198.4	5.3	238.0	
09:45	1.0	214.9	2.6	208.8	4.5	198.0	5.3	240.0	
10:00	.7	203.8	2.5	206.5	6.0	197.0	5.2	242.0	
10:15	.8	196.3	2.6	200.9	7.9	196.3	5.1	244.0	
10:30	.9	207.6	3.0	202.4	6.9	189.3	5.0	245.0	
10:45	1.8	213.5	3.6	212.4	8.0	203.3	5.0	245.0	
11:00	2.9	213.1	4.7	212.5	8.4	204.5	4.9	246.0	
11:15	2.4	214.4	4.5	210.6	6.4	203.1	4.9	247.0	
11:30	1.4	210.9	4.1	210.1	5.5	202.3	4.9	248.0	
11:45	1.1	207.1	3.5	211.2	5.8	199.2	4.9	248.0	
12:00	1.3	209.0	2.8	208.0	5.6	200.9	4.9	249.0	
12:15	1.8	207.8	3.0	204.0	5.6	199.3	4.9	250.0	

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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	94.6	5.4	116.4				
01:45	98.1						
02:00	109.3						
02:15	108.8	3.0	182.6				
02:30	115.9	1.8	203.7				
02:45	137.1	3.0	207.0				
03:00	182.0	5.9	211.5				
03:15	185.1	4.6	219.9				
03:30	207.5	4.6	227.4				
03:45	214.5	5.4	227.0				
04:00	212.4	6.3	235.1				
04:15	218.1	7.6	230.4				
04:30	216.7	8.2	221.4				
04:45	215.2	8.5	326.0				
05:00	204.8	8.8	210.5				
05:15	214.9						
05:30	240.8						
05:45	226.5						
06:00							
06:15							
06:30							
06:45							
07:00							
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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							
12:45							
13:00							
13:15							
13:30							
13:45							
14:00							
14:15	265.9	6.7	276.5				
14:30	266.0						
14:45							
15:00							
15:15							
15:30							
15:45							
16:00							
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21:45							
22:00							
22:15							
22:30							
22:45							
23:00							
23:15							
23:30							
23:45							
Avg	186.7	5.7	221.1				
Max	266.0	8.8	326.0				
Hr. of Max	58	20	19				
Min	94.6	1.8	116.4				
Count	20	14	14	0	0	0	0
Total							