

Daily Summary Report

Site: ORNL Sodar

11/15/2018

Interval: 015m

	04_WS060m	05_WDir060m	06_WS100m	07_WDir100m	08_WS140m	09_WDir140m	10_WS180m	11_WDir180m	12_WS240m
Hour	M/SEC	DEG	M/SEC	DEG	KPH	DEG	M/SEC	DEG	M/SEC
00:00	1.1	88.2	2.4	69.0	5.1	72.5	6.2	73.6	7.9
00:15	1.2	275.7	2.4	69.7	5.4	69.8	7.0	71.4	9.1
00:30			2.3	63.7	6.0	66.0	7.2	67.2	9.3
00:45			1.8	59.2	5.7	63.6	7.1	60.8	9.3
01:00	1.1	79.4	.8	36.9	3.9	58.9	5.7	56.2	8.0
01:15	.3	36.7	.4	41.8	2.1	56.3	3.3	53.1	5.0
01:30	.2	62.9	.3	36.1	1.2	52.0	2.1	55.2	3.0
01:45	.3	72.3	.4	10.5	.9	43.0	1.5	59.6	1.9
02:00	.5	86.2	.6	14.9	1.3	47.8	2.0	59.8	2.4
02:15	.8	92.8	.8	43.1	1.9	55.5	2.8	60.6	3.7
02:30	.8	86.4	.9	45.3	2.2	48.8	3.1	49.7	3.7
02:45	.3	80.2	.4	355.9	1.6	29.7	2.6	33.8	3.2
03:00	.2	281.1	1.0	326.6	1.5	4.1	2.5	12.6	3.1
03:15	.4	315.5	1.6	341.3	2.3	.8	3.5	6.7	3.2
03:30	.3	309.1	1.7	330.6	2.7	357.5	3.3	7.9	2.1
03:45	.9	281.4	1.8	313.7	2.2	337.8	1.9	354.0	.7
04:00	1.1	275.2	2.3	304.5	2.7	304.0	1.3	326.0	1.2
04:15	.4	262.4	2.3	299.2	3.3	303.7	3.5	302.1	3.6
04:30	1.0	97.9	1.7	302.6	3.3	308.7	4.5	307.6	5.6
04:45	.9	97.4	1.7	308.7	3.1	301.2	4.2	303.4	5.7
05:00	.5	78.4	1.3	313.4	2.5	305.3	3.6	307.3	4.7
05:15	.5	69.2	1.5	314.3	3.0	313.2	4.3	312.9	5.0
05:30	.2	282.5	1.7	303.7	3.3	301.5	4.5	307.9	4.4
05:45	.3	110.4	1.2	310.9	2.2	308.4	3.1	317.3	1.7
06:00	.4	100.8	1.0	323.9	1.8	321.9	1.9	335.6	.7
06:15	.4	113.6	.7	332.2	1.4	338.5	1.2	357.5	.3
06:30	.6	111.3	.7	354.1	1.0	1.1	1.0	25.2	.4
06:45	.5	109.6	.8	353.5	.9	23.0	1.2	32.3	.4
07:00	.3	108.3	.6	359.7	1.2	60.6	1.3	51.1	.4
07:15	.2	132.3	.5	15.5	1.2	69.7	1.3	61.5	.5
07:30	.4	121.1	.7	24.1	.8	69.1	1.0	67.1	1.0
07:45	.3	112.9	.9	356.4	.4	93.7	.7	80.1	1.2
08:00	.3	177.0	.3	318.4	.4	121.3	.8	94.9	.6
08:15	.2	167.1	.3	149.0	.6	112.5	.8	106.0	.6
08:30	.3	72.1	.4	70.3	.9	100.6	.9	100.0	.5
08:45	.2	71.0	.5	86.0	1.1	108.2	1.5	103.5	.9
09:00	.2	73.1	.3	61.8	1.0	111.8	1.3	110.3	1.0
09:15	.4	65.6	.2	46.7	1.0	106.2	1.1	117.9	.7
09:30	.4	53.4	.1	134.9	.9	115.1	1.3	125.6	.9
09:45	.5	52.3	.1	225.1	.6	125.4	1.1	128.2	.8
10:00	.6	55.8	.3	258.5	.4	153.7	.7	145.7	.8
10:15	.5	72.4	.3	244.1	.6	182.2	1.0	177.7	1.2
10:30	.5	87.9	.3	214.7	.8	179.6	1.2	180.3	1.5
10:45	.5	92.2	.4	241.6	.6	187.1	1.3	191.9	1.6
11:00	.5	85.1	.5	257.9	.4	217.3	1.1	199.0	1.2
11:15	.4	67.1	.4	246.7	.4	237.0	.6	209.9	.8
11:30	.2	66.4	.3	234.4	.7	232.9	1.0	213.2	1.1
11:45	.2	119.5	.3	244.4	.7	229.3	1.2	215.0	1.3
12:00	.1	134.6	.3	231.2	.6	231.6	1.2	220.9	1.5
12:15	.1	98.6	.3	210.5	.8	217.3	1.5	216.6	1.9
12:30	.0	277.0	.5	233.5	1.4	225.6	2.3	216.6	2.6

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	13_WDir240m	14_WS300m	15_WDir300m	16_WS400m	17_WDir400m	18_WS500m	19_WDir500m	20_WS600m	21_WDir600m
Hour	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	71.4	9.3	76.1	10.2	90.5	7.3	121.2	10.8	141.5
00:15	68.2	9.9	73.2	10.7	87.9	7.5	116.2	12.3	138.1
00:30	63.3	11.2	63.1	11.2	83.5	8.4	108.6	13.8	130.0
00:45	60.7	11.2	64.1	11.6	82.9	9.3	108.3	13.4	125.9
01:00	63.9	9.7	68.4	11.1	80.1	9.8	104.3	12.2	128.3
01:15	62.9	6.9	67.4	9.5	76.3	9.7	96.8	10.6	129.4
01:30	57.5	4.7	68.9	8.0	73.0	9.5	89.9	8.6	121.2
01:45	49.6	3.5	70.9	7.0	71.3	8.8	86.2	7.6	101.5
02:00	60.1	3.3	70.7	5.7	78.4	8.2	86.8	8.2	103.8
02:15	66.0	4.0	74.7	5.2	84.8	7.9	87.8	8.3	104.3
02:30	52.6	4.4	73.8	5.6	76.3	7.5	90.5	8.2	108.8
02:45	38.9	2.6	53.9	4.3	71.0	6.2	91.8	7.0	108.9
03:00	25.2	2.5	29.0	2.8	30.0	3.0	81.0	4.8	101.8
03:15	18.0	1.5	31.7	2.8	58.0	2.9	72.0	4.0	99.0
03:30	33.9	.7	96.2					5.5	86.0
03:45	35.6	.8	141.8					7.3	76.3
04:00	338.2	.5	159.9						
04:15	307.7	1.8	287.9	1.9	279.3				
04:30	309.1	5.3	314.1	3.9	321.6	1.5	342.1		
04:45	305.4	6.6	310.6	6.7	312.2	5.0	322.8	4.2	332.4
05:00	309.9	6.7	312.4	7.3	316.6	6.1	330.3	5.2	338.6
05:15	320.3	6.4	319.8	6.5	326.2	5.2	333.6	4.9	349.8
05:30	314.4	3.9	310.8	5.7	313.7	5.1	283.9		
05:45	317.7	1.3	313.9						
06:00	340.1	.4	2.2						
06:15	357.1	.1	215.0						
06:30	45.1	.3	172.3						
06:45	61.5	.3	127.1						
07:00	62.5	.6	98.4						
07:15	60.4	1.0	80.4						
07:30	72.5	1.2	73.5						
07:45	75.6	1.3	60.7						
08:00	59.3	1.3	67.4						
08:15	46.5	1.5	86.3						
08:30	81.9	1.0	93.6						
08:45	103.5	1.1	113.1	4.2	99.4	3.9	105.1		
09:00	106.7	.6	90.5	2.9	101.8	4.0	109.0		
09:15	99.7	.6	67.0	2.6	130.0	5.0	125.0		
09:30	106.1	1.2	121.7	2.5	141.0	6.0	140.0		
09:45	140.3	.9	138.7	.7	160.1	6.5	155.0		
10:00	182.0	1.2	180.1	3.0	172.0	7.0	170.0		
10:15	191.8	2.1	190.4	5.6	184.1	7.8	189.2		
10:30	201.1	2.8	196.5	5.6	197.6	7.4	212.9		
10:45	208.7	3.2	198.8	5.6	202.0	6.9	213.6		
11:00	212.3	2.2	206.2	4.9	200.5	7.0	211.0		
11:15	230.8	1.1	221.6	6.0	201.0	7.5	208.0		
11:30	224.1	1.6	220.3	7.0	201.0	8.0	206.0		
11:45	224.8	2.2	217.8	8.0	201.0	9.0	204.0		
12:00	227.3	2.3	210.9	8.7	200.7	10.0	202.0		
12:15	213.4	3.2	199.2	9.8	197.3	10.7	199.1		
12:30	212.7	3.8	205.4	9.9	199.9	11.1	206.7	12.6	209.8

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Interval: 015m

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	15.4	136.0	15.2	145.6		
00:15	14.0	131.0	15.0	141.0		
00:30	14.3	134.0	15.0	137.0		
00:45	14.6	137.2	14.7	134.0		
01:00	13.9	137.8	14.7	131.0		
01:15	12.9	141.2	14.4	128.5		
01:30	11.7	141.8	14.0	130.0		
01:45	9.9	136.6	13.0	132.0		
02:00	8.7	131.8	12.0	134.0		
02:15	8.9	126.5	11.5	136.0		
02:30	9.6	124.6	11.1	138.2		
02:45	8.8	122.2				
03:00	7.6	126.9				
03:15	5.8	99.6				
03:30	7.2	94.0				
03:45	8.5	94.5				
04:00						
04:15						
04:30						
04:45						
05:00						
05:15						
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11:45						
12:00						
12:15						
12:30						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
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22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	10.7	126.0	13.7	135.2		
Max	15.4	141.8	15.2	145.6		
Hr. of Max	00	06	00	00		
Min	5.8	94.0	11.1	128.5		
Count	16	16	11	11	0	0
Total						