

Daily Summary Report

Site: ORNL Sodar

2/17/2018

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	.5	51.1	1.1	60.0	2.0	38.7	3.5	32.4	4.8
00:15	.5	53.6	1.0	59.3	2.0	33.2	2.4	26.8	2.6
00:30	.6	43.0	1.4	30.7	2.2	27.3	1.5	33.5	1.2
00:45	.5	40.8	1.5	32.3	2.3	24.9	1.9	24.6	.8
01:00	.1	255.2	1.1	25.8	1.9	30.7	2.0	31.2	.5
01:15	.2	350.0	1.2	12.2	2.6	20.1	2.5	22.3	.8
01:30	.3	23.3	1.0	16.5	2.5	22.7	2.9	20.3	1.8
01:45	.2	87.0	.9	22.0	2.1	27.5	3.6	21.4	3.7
02:00	.4	32.0	1.1	12.3	2.7	22.7	4.8	20.7	6.5
02:15	.3	7.1	.8	5.1	2.2	33.6	3.5	32.9	4.5
02:30	.1	349.0	.4	27.5	1.5	55.8	2.1	50.9	2.8
02:45	.2	61.4	.7	35.6	1.6	53.1	2.1	50.1	2.9
03:00	.4	53.3	.7	29.3	1.8	47.3	2.5	47.5	3.7
03:15	.3	67.0	.7	37.3	1.7	50.4	2.5	54.3	3.9
03:30	.3	112.0	.8	57.1	1.9	68.8	3.0	67.2	4.1
03:45	.5	104.3	1.0	53.4	2.2	57.6	3.6	55.8	5.1
04:00	.7	96.4	1.1	53.6	2.3	51.9	3.9	48.0	6.1
04:15	.6	105.2	.8	61.2	2.2	58.8	3.7	49.8	6.0
04:30	.6	109.1	.7	67.1	1.9	65.9	3.1	59.8	5.5
04:45	.4	119.1	.8	59.4	2.2	65.2	3.2	64.9	5.6
05:00	.3	135.3	.6	45.7	2.2	57.7	4.0	60.5	6.0
05:15	.3	131.9	.5	47.8	1.5	61.4	3.9	59.7	6.0
05:30	.2	148.9	.5	58.3	1.7	67.5	3.4	60.4	5.8
05:45	.1	131.5	.7	71.6	2.2	67.0	3.5	69.6	5.3
06:00	.1	108.0	.9	68.0	2.2	69.8	3.5	71.4	5.3
06:15	.1	124.9	.6	54.9	1.6	75.4	3.2	71.5	5.2
06:30	.2	100.4	.3	39.1	1.4	66.7	3.0	75.7	5.4
06:45	.2	103.5	.3	35.1	1.5	61.2	2.8	73.6	5.5
07:00	.3	115.5	.3	39.3	1.5	59.2	2.6	69.9	5.3
07:15	.2	98.0	.3	55.8	1.6	60.9	3.1	65.5	5.2
07:30	.1	77.8	.4	57.7	1.5	55.2	2.8	56.1	4.6
07:45	.1	105.6	.7	59.2	1.5	55.4	2.8	56.4	4.4
08:00	.2	56.1	.6	58.1	1.7	50.5	2.9	60.7	3.9
08:15	.0	33.4	.6	48.3	2.0	44.4	2.6	61.6	3.7
08:30	.2	181.7	.5	40.6	2.1	46.5	2.8	51.8	3.8
08:45	.2	177.4	.6	55.4	2.2	49.6	3.3	50.2	4.0
09:00	.1	196.4	.5	64.4	2.0	55.6	3.0	54.9	3.7
09:15	.3	236.3	.4	61.4	1.6	54.9	2.4	54.7	3.1
09:30	.3	235.9	.4	90.5	.9	66.1	1.9	60.6	3.5
09:45	.1	243.2	.3	92.9	.8	73.1	2.0	70.0	3.9
10:00	.1	307.4	.2	48.7	1.0	62.5	2.0	79.3	3.6
10:15	.1	257.9	.1	36.9	.8	60.9	1.8	71.4	3.6
10:30	.2	214.7	.2	92.2	1.0	56.8	1.8	61.2	3.3
10:45	.2	174.3	.4	111.1	1.1	66.3	2.0	66.3	3.2
11:00	.2	142.5	.5	89.7	1.2	60.9	2.1	67.5	3.7
11:15	.1	160.6	.4	78.4	1.3	59.2	1.8	68.5	3.1
11:30	.1	165.7	.2	112.0	1.0	91.6	1.0	76.3	2.4
11:45	.1	121.2	.1	117.2	.6	95.3	.6	72.8	2.0
12:00	.0	53.2	.1	174.9	.8	74.1	.9	76.4	1.2
12:15	.0	57.2	.1	230.5	.6	84.3	.8	85.1	.6

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Interval: 015m

	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	20.3	.8	72.0						
00:15	16.6	.5	73.0						
00:30	18.2	.4	73.3						
00:45	26.7	.5	63.4						
01:00	47.5	.3	126.0						
01:15	39.0	.3	93.3						
01:30	37.6	1.0	59.9						
01:45	25.2	4.0	35.0						
02:00	17.4	8.2	9.1						
02:15	31.1	4.4	26.1						
02:30	44.9	4.1	39.7						
02:45	40.9	5.1	40.4						
03:00	36.7	6.7	35.1						
03:15	45.7	6.9	38.3						
03:30	59.1	6.7	48.6						
03:45	47.4	7.1	47.1						
04:00	37.9	8.5	39.7						
04:15	40.3	8.6	42.9	9.3	50.0				
04:30	53.9	8.3	50.9	9.1	55.3				
04:45	59.6	8.1	56.8	9.5	55.0				
05:00	51.4	8.4	58.6	10.0	54.0				
05:15	54.3	8.3	57.8	10.6	54.0				
05:30	56.3	7.8	50.9	10.5	56.2	11.0	60.0	7.8	124.2
05:45	63.2	7.6	54.4	11.5	54.4	9.6	87.0	8.0	125.0
06:00	73.0	7.5	67.4	9.8	75.0	9.3	100.0	8.5	125.0
06:15	69.6	7.5	72.7	9.3	85.0	9.0	108.0	8.8	132.0
06:30	65.6	7.5	71.5	8.3	86.0	7.5	106.0	6.9	129.6
06:45	65.8	7.1	74.0	9.0	85.0	8.5	110.0	6.4	130.7
07:00	69.7	6.9	79.1	8.2	90.0	7.8	117.0	6.0	135.8
07:15	71.3	6.8	80.9	8.1	95.0	7.6	125.0	6.3	142.4
07:30	70.6	6.5	79.3	7.7	95.0	6.2	125.5	6.5	147.7
07:45	71.3	6.5	80.3	8.2	92.0	5.3	119.6	7.0	149.0
08:00	65.6	5.6	80.3	6.0	97.3	5.0	128.8	6.9	155.0
08:15	65.8	5.2	79.9	5.0	101.6	5.1	137.4	7.0	161.2
08:30	73.0	5.2	79.7	5.2	95.8	4.8	139.4	8.3	164.0
08:45	70.6	5.5	81.0	4.8	96.4	4.9	145.8	8.3	166.2
09:00	66.3	5.3	81.0	4.5	106.6	4.8	152.2	8.4	171.1
09:15	61.4	4.4	76.6	4.2	110.0	4.4	157.7	8.3	181.2
09:30	66.8	5.1	78.4	4.0	115.0	4.9	161.7	7.9	189.2
09:45	74.9	5.6	81.8	4.3	119.4	5.9	166.7	9.3	189.0
10:00	71.7	5.6	78.3	4.0	111.3	5.3	165.5	8.6	187.1
10:15	68.3	5.7	72.4	3.7	104.7	4.0	163.5	7.4	187.0
10:30	70.2	5.2	72.1	3.2	101.7	3.8	170.5	7.7	188.3
10:45	72.0	4.8	77.8	2.9	100.8	4.5	162.6	8.1	188.3
11:00	74.1	5.2	80.4	3.0	111.1	5.2	165.9	9.7	185.5
11:15	76.1	4.9	77.3	3.0	115.1	5.2	178.9	10.0	188.3
11:30	79.0	4.0	79.3	3.0	125.5	5.5	181.9	9.5	191.4
11:45	76.5	3.1	87.1	3.4	149.3	6.4	186.5	10.7	190.5
12:00	71.0	2.7	100.7	3.6	164.4	7.7	187.5	12.3	191.1
12:15	75.1	2.1	121.0	3.6	169.4	7.8	190.9	12.4	194.3

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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						
00:15						
00:30						
00:45						
01:00						
01:15						
01:30						
01:45						
02:00						
02:15						
02:30						
02:45						
03:00						
03:15						
03:30						
03:45						
04:00						
04:15						
04:30						
04:45						
05:00						
05:15						
05:30	6.7	137.9	9.6	143.1		
05:45	7.0	139.1	11.8	144.0		
06:00	8.6	144.4	13.8	145.8	16.3	143.6
06:15	8.3	144.9	14.0	142.0		
06:30	8.1	150.9	14.0	144.0		
06:45	8.0	157.5	14.0	145.0		
07:00	8.3	160.0	14.2	146.0		
07:15	9.5	158.1	14.3	147.5		
07:30	10.3	158.9	14.0	155.0		
07:45	10.6	159.0	13.0	165.0		
08:00	9.3	195.2	13.0	180.0		
08:15	9.3	186.7	12.4	191.2		
08:30	10.6	185.6	16.1	193.4		
08:45	11.0	188.6	16.5	194.0		
09:00	10.6	186.9	17.0	194.0		
09:15	10.8	190.9	17.5	194.0		
09:30	11.1	193.6	18.0	194.0		
09:45	12.8	189.7	18.5	194.0		
10:00	12.8	189.2	19.0	194.0		
10:15	12.5	185.7	19.5	194.0		
10:30	12.8	185.5	20.0	194.0		
10:45	13.8	189.0	20.0	194.0		
11:00	15.1	186.7	20.0	194.0		
11:15	14.7	185.7	20.0	194.0		
11:30	14.7	188.1	20.5	194.0		
11:45	15.9	189.8	20.5	194.0		
12:00	17.3	188.7	20.9	194.0		
12:15	17.6	190.0	23.6	198.2		

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	16.2	197.4	21.7	198.2		
12:45	16.6	204.3	21.3	200.3	25.4	201.6
13:00	20.3	202.7	23.5	202.7	26.3	209.0
13:15	20.4	204.1	24.1	205.3	25.0	211.0
13:30	21.3	209.8	22.0	212.0	23.0	213.0
13:45	20.0	215.0	20.0	220.0	22.0	215.0
14:00	18.3	223.2	18.0	225.0	21.0	217.0
14:15	17.0	227.0	17.0	230.0	20.0	219.0
14:30	16.0	235.0	16.0	235.0	19.0	223.0
14:45	15.0	244.0	15.0	240.0	18.0	225.0
15:00	14.0	252.3	14.0	246.6	17.0	227.0
15:15	12.3	253.7	13.0	242.0	16.0	230.0
15:30	10.7	249.9	11.7	238.4	15.3	232.7
15:45	10.1	250.1	11.7	241.7	16.9	236.0
16:00	10.2	251.0				
16:15	10.4	252.8				
16:30	9.9	240.4				
16:45						
17:00						
17:15						
17:30						
17:45						
18:00						
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22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	12.8	196.0	17.0	192.7	20.1	214.5
Max	21.3	253.7	24.1	246.6	26.3	236.0
Hr. of Max	54	61	53	60	52	63
Min	6.7	137.9	9.6	142.0	15.3	143.6
Count	45	45	42	42	14	14
Total						