

Daily Summary Report

Site: ORNL Sodar

11/22/2017

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	1.2	302.2	1.5	303.8	2.9	308.6	4.3	311.4	5.5
00:15	.3	281.5	.9	284.2	2.2	300.0	3.1	303.9	4.3
00:30	.3	250.5	1.0	271.7	1.9	287.5	2.6	291.5	4.2
00:45	1.0	255.9	1.8	274.2	3.0	283.5	4.3	284.5	5.3
01:00	2.3	272.8	3.2	282.9	4.9	292.4	6.6	294.3	7.7
01:15	4.3	276.2	3.0	294.7	4.7	302.7	6.3	304.6	7.6
01:30	2.1	273.4	1.5	300.6	3.3	302.7	4.4	300.5	4.8
01:45	1.0	261.9	1.3	281.2	3.1	294.2	3.9	295.3	4.1
02:00	2.1	267.7	1.8	287.4	3.6	295.1	4.9	297.2	5.3
02:15	1.7	266.5	2.3	298.7	3.7	305.2	5.0	305.9	5.3
02:30	.8	309.4	2.6	302.1	3.9	308.5	4.3	314.0	3.5
02:45	.6	281.5	1.6	297.5	2.9	306.7	2.9	313.0	1.3
03:00	.8	272.5	1.1	279.6	1.9	297.5	2.2	308.4	1.1
03:15	.5	289.0	1.2	284.8	1.9	297.7	2.2	310.9	1.4
03:30	.3	88.0	1.0	291.2	2.1	303.4	2.2	317.8	1.3
03:45	.6	100.6	.5	267.0	1.7	293.6	2.1	309.6	1.9
04:00	.3	117.9	.1	198.6	1.0	302.8	1.8	316.3	2.4
04:15	.1	128.9	.4	348.2	1.1	330.9	1.5	331.1	1.8
04:30	.2	51.4	.7	330.3	1.1	340.3	1.5	349.5	1.4
04:45	.3	42.6	.7	355.1	1.4	355.7	1.7	1.4	1.3
05:00	.4	73.4	.5	19.6	1.6	1.6	1.4	8.4	.2
05:15	.5	89.8	.2	98.6	1.0	32.0	.9	38.2	.4
05:30	.5	75.9	.4	104.2	.8	72.3	.7	47.4	.7
05:45	.4	66.0	.5	63.1	.7	55.6	.6	33.4	.8
06:00	.2	130.2	.5	30.0	.7	41.0	.5	43.0	1.3
06:15	.1	142.2	.6	31.0	.7	34.2	.9	20.2	1.4
06:30	.1	107.9	.7	48.7	.9	24.7	1.2	27.0	1.2
06:45	.2	119.1	1.0	33.8	1.6	20.6	1.8	26.6	2.0
07:00	.2	160.2	1.3	20.4	2.0	19.0	2.4	20.7	3.6
07:15	.4	171.2	1.0	23.2	1.4	18.2	2.0	15.7	3.4
07:30	.7	157.4	.6	51.8	.6	29.6	1.4	12.6	2.5
07:45	.7	151.0	.8	54.2	.5	34.6	.9	19.6	1.5
08:00	.7	147.2	.5	27.2	.8	46.8	1.2	41.0	.7
08:15	.7	148.1	.5	18.6	1.2	53.2	1.8	55.4	1.6
08:30	1.0	231.0	1.4	61.1	2.3	55.6	2.3	61.7	2.9
08:45	.2	168.7	2.5	61.7	2.7	51.9	2.2	51.9	2.5
09:00	1.3	79.0	2.2	54.6	2.0	40.2	2.0	30.7	1.9
09:15	1.0	72.5	1.4	55.8	1.7	38.1	2.2	33.3	2.4
09:30	.7	58.0	1.7	47.8	1.9	38.3	2.4	34.8	3.5
09:45	.9	54.1	2.2	21.8	2.6	23.7	3.2	21.0	4.0
10:00	.9	70.0	1.5	17.6	2.8	13.8	3.3	13.0	3.5
10:15	.7	77.4	1.4	22.1	2.9	12.1	3.1	8.4	3.0
10:30	1.1	22.0	2.6	5.5	3.4	8.1	3.6	5.0	4.0
10:45	1.5	39.8	2.6	41.9	2.9	43.7	3.4	42.6	3.7
11:00	2.2	79.4	2.8	72.5	2.8	65.6	3.2	55.6	3.5
11:15	1.8	67.9	1.8	60.4	2.3	41.5	3.0	33.3	3.3
11:30	1.6	53.8	2.8	23.5	3.9	27.9	4.0	24.7	3.6
11:45	1.9	51.7	3.6	27.7	4.5	34.3	4.4	27.5	4.5
12:00	1.9	81.5	1.7	64.1	3.2	64.4	3.3	57.5	3.6
12:15	1.9	66.0	1.5	77.0	2.7	75.2	2.9	72.2	3.3

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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	312.3	7.9	313.4	10.6	307.7	11.3	301.8	13.9	314.0
00:15	306.5	6.6	310.4	9.9	309.9	11.1	303.8	13.6	315.0
00:30	300.2	6.6	306.3	9.8	306.7	12.2	308.9	13.3	316.0
00:45	293.1	7.5	300.2	10.6	305.6	12.0	309.8	13.0	317.0
01:00	304.5	9.2	309.8	11.9	315.9	11.0	315.2	12.6	317.6
01:15	313.4	8.9	318.6	11.6	324.4	10.9	319.7	12.7	320.3
01:30	309.9	5.9	317.6	8.3	319.6	10.4	317.3	10.5	313.4
01:45	303.0	5.2	315.0	7.5	319.9	9.9	314.8	10.3	312.0
02:00	306.4	6.8	316.6	9.8	328.6	10.2	317.8	12.7	323.0
02:15	316.5	6.3	328.1	7.9	336.6	7.3	345.3		
02:30	327.1	2.7	336.5	4.0	342.0	5.0	355.0		
02:45	331.2	.6	330.8	1.2	347.5	3.0	360.0		
03:00	337.2	1.0	330.9	1.1	342.3	.8	1.7	.9	258.4
03:15	319.2	1.0	314.4	1.1	332.8	1.1	349.9	1.0	288.2
03:30	311.7	1.5	313.4	1.3	323.9	.7	344.2	.5	9.3
03:45	310.7	2.4	316.8	1.3	316.7	.7	18.5	1.3	263.3
04:00	322.3	2.8	323.4	2.8	340.2	1.2	358.7	1.0	225.0
04:15	331.3	2.1	331.0	2.0	340.1	.4	317.6	.6	184.9
04:30	354.9	1.4	351.2	.7	352.9	.5	191.7	1.2	163.2
04:45	7.1	.9	20.3	.8	357.3	.4	172.6	.4	154.4
05:00	12.1	.2	305.0	.9	349.6	.4	354.3	.8	341.9
05:15	74.2	.1	314.6	.6	8.7	.4	35.0	1.0	338.6
05:30	68.2	1.0	71.8	.5	12.0	.9	87.4		
05:45	42.8	1.4	58.2	.7	32.0	.6	117.7		
06:00	36.8	2.1	21.7	.5	107.2				
06:15	35.2	2.7	13.5	.6	62.3				
06:30	26.1	2.6	15.6	4.1	10.7				
06:45	28.4	3.8	9.8	4.3	3.0				
07:00	18.7	5.7	10.3	4.5	357.2				
07:15	9.8	5.9	8.8	4.9	353.6				
07:30	10.4	3.8	13.1	5.1	5.6				
07:45	17.7	1.8	18.8	3.6	6.5				
08:00	59.1	.9	324.6	1.3	28.1				
08:15	63.5	2.0	81.5	1.6	66.7				
08:30	62.7	2.8	86.1	3.0	42.0				
08:45	47.0	3.0	43.7	5.0	20.0				
09:00	15.1	4.0	10.5	6.6	2.4				
09:15	27.2	5.5	7.9	12.2	3.6				
09:30	28.4	7.3	14.5	11.3	12.5				
09:45	19.4	6.0	11.6	10.3	8.3				
10:00	12.6	4.8	5.5	10.3	2.3				
10:15	6.6	4.6	.5	10.5	1.1				
10:30	7.8	5.8	1.3	9.5	3.0	11.2	.7		
10:45	43.2	5.9	24.6	9.0	8.0				
11:00	42.2	5.6	27.2	8.5	13.0				
11:15	25.9	4.1	22.4	8.1	19.9				
11:30	21.4	4.1	16.9	5.8	19.1				
11:45	21.4	4.9	17.9	6.0	16.6				
12:00	50.5	4.8	41.9	6.9	30.3				
12:15	75.4	4.1	64.1	6.7	52.1				

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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						
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02:00						
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03:30	.6	39.9				
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11:30						
11:45						
12:00						
12:15						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30						
12:45						
13:00						
13:15						
13:30						
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19:00						
19:15						
19:30						
19:45						
20:00						
20:15						
20:30						
20:45	5.8	88.3				
21:00	6.8	92.5				
21:15	6.9	99.3				
21:30	5.8	96.6				
21:45	5.6	98.6				
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	5.3	85.9				
Max	6.9	99.3				
Hr. of Max	85	85				
Min	.6	39.9				
Count	6	6	0	0	0	0
Total						