

Daily Summary Report

Site: ORNL Sodar

8/24/2018

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	2.7	34.3	3.3	48.4	5.1	43.3	7.1	45.7	10.3
00:15	2.9	26.8	3.3	54.3	5.2	46.1	7.0	47.5	9.5
00:30	2.2	40.0	3.0	56.9	5.1	47.2	7.0	48.8	8.5
00:45	1.4	75.4	3.1	57.6	4.9	47.6	7.0	50.1	7.9
01:00	2.1	72.9	3.4	59.4	5.1	51.2	7.3	52.9	8.3
01:15	2.4	62.6	3.2	63.1	5.1	53.9	7.0	53.2	8.1
01:30	2.0	61.0	3.3	60.4	5.0	53.0	6.9	53.4	8.0
01:45	2.4	59.9	3.7	59.3	5.3	53.4	7.2	55.3	8.4
02:00	2.6	63.4	4.5	56.4	5.6	52.3	7.3	57.8	8.4
02:15	2.9	65.0	4.7	57.1	5.7	54.8	7.2	62.4	8.6
02:30	2.7	70.6	4.2	58.7	5.5	56.9	6.8	64.1	10.6
02:45	2.3	76.7	3.8	60.9	5.2	58.0	6.4	64.6	7.6
03:00	1.8	73.0	3.2	66.5	4.9	62.4	6.0	62.7	7.0
03:15	1.8	78.1	3.0	68.4	4.9	62.7	6.1	62.0	6.5
03:30	1.7	85.0	2.8	71.8	4.7	63.3	5.9	63.0	6.3
03:45	1.9	82.8	2.5	77.6	4.3	62.9	5.5	62.3	6.2
04:00	2.0	74.9	2.5	77.2	4.5	60.6	5.7	60.0	5.8
04:15	1.5	59.8	2.4	75.9	4.7	62.6	6.2	63.2	5.6
04:30	1.6	53.9	2.6	77.4	4.7	67.1	6.2	72.4	6.3
04:45	1.7	66.6	2.7	75.2	4.7	68.0	5.6	73.0	5.9
05:00	2.3	74.0	2.9	67.5	5.1	65.4	5.5	72.1	5.3
05:15	1.9	75.3	3.2	62.0	5.0	62.7	4.6	72.4	4.8
05:30	1.3	75.7	3.0	58.1	4.2	62.7	4.0	75.4	4.3
05:45	1.8	82.0	3.1	59.4	4.4	60.8	4.9	71.6	4.2
06:00	2.9	77.3	3.5	66.3	4.9	64.0	5.3	85.1	4.4
06:15	2.7	81.7	3.4	67.4	4.8	66.0	5.6	89.3	4.2
06:30	2.6	81.9	2.9	68.6	4.6	62.5	6.0	62.1	4.0
06:45	1.4	78.3	2.6	70.3	4.6	62.8	6.0	62.5	4.1
07:00	1.4	80.9	2.4	71.5	4.5	63.6	5.7	68.0	4.2
07:15	1.2	60.1	2.1	73.0	4.0	64.8	5.2	62.3	4.3
07:30	.7	5.3	2.1	67.9	3.4	62.3	3.8	66.9	4.0
07:45	.5	71.1	2.3	62.7	3.4	55.5	3.5	65.1	3.9
08:00	1.6	74.0	2.6	60.0	4.0	54.2	4.8	53.6	4.0
08:15	1.6	81.8	2.4	60.9	3.8	53.4	4.9	55.7	3.8
08:30	.9	95.6	2.0	61.6	2.9	47.0	3.8	56.5	3.4
08:45	.6	87.9	1.3	59.5	2.1	42.4	3.0	48.1	3.3
09:00	.3	84.0	.8	38.4	1.6	34.0	2.7	37.3	3.0
09:15	.2	37.8	.5	25.0	1.3	11.8	2.2	22.1	2.5
09:30	.3	91.7	.4	63.9	.8	359.4	1.3	17.7	2.0
09:45	.2	121.3	.4	116.9	.4	355.3	.7	14.4	1.2
10:00	.3	65.1	.7	180.8	.3	.8	.8	95.0	
10:15	.2	192.9	.7	204.4	.3	136.2	.9	192.8	
10:30	.2	220.3	.3	204.9	.6	213.1	1.2	230.2	.5
10:45	.7	210.6	.9	234.2	1.3	221.4	1.6	231.6	1.1
11:00	.2	73.1	1.1	224.5	1.6	212.9	1.6	210.7	1.7
11:15	.6	128.7	.5	175.5	1.2	203.5	1.2	188.2	1.2
11:30	.8	140.9	.6	139.0	.9	157.0	1.1	142.8	.6
11:45	1.0	85.3	1.4	151.8	1.5	151.8	1.3	127.1	1.1
12:00	.7	81.1	1.1	109.7	1.4	124.1	1.8	113.5	1.6
12:15	.5	116.8	.8	138.1	1.2	121.2	1.6	127.0	1.4

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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	43.4	12.5	42.4	14.5	43.2	13.9	42.6	14.9	52.4
00:15	46.8	13.0	44.2	14.7	42.3	14.8	44.7	14.8	50.0
00:30	52.5	13.4	44.3	14.6	40.9	14.5	45.2	14.7	48.6
00:45	58.3	12.2	45.3	14.5	44.3	14.9	45.0	14.5	49.7
01:00	57.7	12.1	42.9	14.4	46.4	14.6	48.4	14.4	49.0
01:15	58.7	12.2	41.8	14.1	45.9	14.1	48.3	14.1	48.0
01:30	58.6	12.4	37.7	14.2	48.0	13.7	48.0	14.0	46.0
01:45	54.6	13.4	38.9	14.3	50.8	13.3	47.0	13.7	45.0
02:00	60.6	14.9	39.8	14.4	50.0	13.0	46.0	13.5	44.0
02:15	66.4	14.0	45.0	13.3	49.0	12.7	46.0	13.0	43.0
02:30	49.1	13.4	42.6	12.5	48.3	12.4	45.6	12.6	42.8
02:45	64.8	1.0	55.0						
03:00	71.0	9.0	70.0						
03:15	77.5	8.9	85.1						
03:30	77.8	8.9	87.0						
03:45	82.0	9.0	88.6						
04:00	80.7	6.5	87.7	5.6	125.2				
04:15	80.4	6.0	88.6	5.7	138.2				
04:30	91.0	6.0	96.2	6.7	149.0				
04:45	88.4	5.5	97.9	6.9	149.3				
05:00	77.5	4.8	94.0	5.5	144.2				
05:15	77.3	4.0	100.0	5.4	150.3				
05:30	77.7	3.5	103.5	5.8	155.2	8.9	163.2	13.1	131.5
05:45	76.5	3.3	101.6	6.2	155.9	10.8	145.9	13.4	135.0
06:00	77.2	3.4	102.6	7.3	152.8	10.8	146.0	13.3	137.5
06:15	78.5	3.9	121.0	7.4	155.5	10.6	148.0	13.2	140.0
06:30	76.7	3.6	109.9	7.4	156.4	10.6	149.3	13.1	141.0
06:45	75.3	3.5	92.3	7.3	152.5	10.2	151.3	13.0	143.0
07:00	74.0	3.4	89.9	7.8	150.3	10.4	149.8	12.9	145.8
07:15	71.0	3.6	91.7	9.9	155.4	10.7	151.8	12.4	147.3
07:30	73.1	3.6	96.6	8.8	156.6	10.3	150.6	14.3	135.0
07:45	74.2	3.5	86.9	8.4	156.4	10.1	145.2	14.5	131.0
08:00	67.5	3.5	81.5	7.0	145.0	10.0	144.0	13.0	135.0
08:15	63.0	3.2	83.3	5.0	135.0	9.0	143.0	12.0	140.0
08:30	71.9	3.1	77.9	4.0	125.0	8.0	142.0	10.0	145.0
08:45	71.1	2.9	75.7	2.7	116.0	7.0	141.0	9.0	148.0
09:00	53.4	2.5	75.6	2.2	133.8	6.0	140.3	7.6	151.8
09:15	38.9	1.9	68.2	1.7	147.1	5.1	162.9	7.4	159.3
09:30	35.8	1.3	53.6	.6	98.0	4.6	184.0	7.0	166.2
09:45	33.2	.7	21.3	1.0	180.0	4.8	189.0	7.2	174.2
10:00				1.5	180.0	5.0	183.0	7.4	186.0
10:15				2.0	180.0	5.5	177.0	8.0	178.0
10:30	236.2	.5	210.9	2.9	180.6	6.1	170.8	8.7	171.4
10:45	213.1	1.6	191.6	3.6	179.6	6.5	174.7	8.2	174.7
11:00	187.5	2.9	181.4	6.1	173.9	6.6	176.8	7.8	178.2
11:15	171.4	2.6	168.6	6.7	169.7	6.6	177.7	6.6	181.8
11:30	107.6	1.1	124.8	2.5	130.0	3.2	174.9		
11:45	125.8	1.7	150.6	3.0	137.0				
12:00	119.2	1.8	153.5	3.1	146.9				
12:15	132.6	1.4	152.5	2.0	143.0				

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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	15.7	48.2	16.6	46.5		
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						
05:45	14.6	129.6	14.4	130.7		
06:00	15.0	131.0	14.5	132.0		
06:15	16.0	133.0	14.5	135.0		
06:30	16.5	135.0	14.6	138.0		
06:45	17.0	137.0	14.7	140.0		
07:00	17.5	139.5	14.7	142.8		
07:15	16.5	136.0	14.7	140.1		
07:30	16.1	132.7	16.3	130.0		
07:45	16.7	131.6	15.1	134.0	13.0	135.0
08:00	14.0	135.0				
08:15	12.0	138.0				
08:30	11.0	142.0				
08:45	10.5	146.0				
09:00	10.0	151.0				
09:15	9.9	156.0				
09:30	9.7	155.0				
09:45	9.4	153.0				
10:00	9.1	151.4				
10:15						
10:30						
10:45						
11:00						
11:15						
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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21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	13.5	135.8	15.0	126.9	13.0	135.0
Max	17.5	156.0	16.6	142.8	13.0	135.0
Hr. of Max	28	37	00	28	31	31
Min	9.1	48.2	14.4	46.5	13.0	135.0
Count	19	19	10	10	1	1
Total						