

Daily Summary Report

Site: ORNL Sodar

2/16/2019

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	70.9	1.0	62.8	3.1	50.8	5.3	53.1	8.0
00:15	1.1	39.6	2.4	68.3	4.8	53.0	6.9	54.7	9.3
00:30	1.0	51.8	4.4	77.6	5.7	59.6	7.8	59.3	9.7
00:45	2.3	87.3	3.7	76.4	5.5	56.5	7.6	57.5	9.8
01:00	2.5	85.3	2.3	53.0	4.9	47.3	6.5	47.5	9.2
01:15	1.1	87.2	1.6	57.7	3.9	44.1	5.9	46.5	8.4
01:30	.5	39.9	1.9	50.5	4.5	33.0	6.7	41.7	9.0
01:45	1.0	24.1	2.2	24.8	5.4	22.3	7.2	29.3	9.1
02:00	2.0	38.6	3.2	28.9	6.1	26.6	7.7	29.3	10.2
02:15	2.6	43.6	3.4	35.0	5.8	33.8	7.8	36.1	10.6
02:30	1.3	44.1	2.8	43.2	5.5	35.8	7.6	41.5	9.7
02:45	.5	50.5	3.0	63.7	5.4	42.3	7.4	46.8	9.2
03:00	1.0	34.8	2.3	68.8	3.9	47.0	6.0	50.6	8.6
03:15	.8	350.2	1.6	64.3	3.9	38.0	5.8	43.1	8.4
03:30	.9	333.5	1.6	40.2	4.9	25.4	7.0	28.8	9.2
03:45	1.3	342.6	2.5	21.6	5.4	20.5	7.9	22.2	10.8
04:00	.9	345.5	2.0	27.5	5.0	15.7	7.0	16.9	10.1
04:15	.6	30.1	1.0	33.8	3.0	12.8	4.2	12.8	5.8
04:30	.7	54.6	.4	23.7	1.7	17.4	2.4	21.0	3.7
04:45	.5	34.3	.1	65.0	.9	38.7	1.7	39.7	2.6
05:00	.4	2.1	.2	24.3	.7	36.9	1.2	48.6	1.7
05:15	.4	8.8	.3	43.2	.6	44.7	.8	58.8	.7
05:30	.3	25.0	.3	80.8	1.1	57.9	1.4	63.9	.7
05:45	.2	315.0	.4	85.9	1.1	63.4	1.7	73.0	1.5
06:00	.2	334.6	.2	42.9	.9	45.7	1.9	58.5	2.5
06:15	.3	341.3	.5	7.6	1.8	34.6	3.1	36.5	4.0
06:30	.5	311.7	.5	17.8	2.0	31.9	3.6	33.4	4.9
06:45	.6	303.4	.3	21.2	1.7	30.8	3.4	35.4	5.1
07:00	.6	284.9	.5	22.6	2.3	33.4	3.5	39.1	5.5
07:15	.6	282.1	.6	14.1	2.4	37.2	3.5	39.7	5.5
07:30	.4	287.8	.5	13.4	1.9	37.4	2.9	37.8	4.7
07:45	.4	286.6	.4	44.2	1.7	43.0	2.4	43.6	4.3
08:00	.4	285.6	.3	51.3	1.4	58.7	2.6	56.2	4.4
08:15	.2	263.9	.7	35.2	1.7	55.0	3.0	51.8	5.0
08:30	.1	140.8	1.2	35.2	2.7	39.1	4.1	39.4	6.3
08:45	.1	101.7	1.0	28.7	2.5	32.8	4.0	35.6	6.0
09:00	.0	61.8	1.0	21.3	2.4	28.3	3.6	29.5	5.3
09:15	.1	128.1	.8	24.1	2.3	33.0	4.0	31.8	6.3
09:30	.2	118.8	.3	19.8	1.3	44.6	2.6	41.8	5.4
09:45	.2	118.0	.3	3.4	.8	43.8	1.4	45.8	3.1
10:00	.2	123.2	.4	34.2	.6	51.7	.9	55.6	2.3
10:15	.1	137.3	.5	26.6	.8	33.9	1.3	34.1	3.0
10:30	.2	169.5	.6	7.1	1.1	35.0	2.2	30.4	3.7
10:45	.2	127.7	.6	31.1	1.2	50.8	2.1	34.3	3.4
11:00	.5	89.4	.9	60.1	1.3	46.6	1.7	37.8	2.4
11:15	.4	78.5	1.0	58.6	1.3	38.6	1.6	44.3	1.5
11:30	.4	46.6	1.1	59.8	1.6	41.6	1.8	40.1	1.5
11:45	.6	58.6	1.6	63.2	1.8	46.2	2.0	34.7	1.5
12:00	.5	74.8	1.7	56.3	1.7	48.1	2.0	31.6	2.1
12:15	.2	66.1	1.6	44.2	1.7	51.4	2.1	36.1	2.7
12:30	1.0	12.6	2.2	38.4	2.5	40.2	3.0	29.6	3.2

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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	44.1	9.9	49.0	9.6	55.5	7.3	65.7	7.5	63.3
00:15	52.7	10.6	54.8	8.4	54.9	8.0	61.0	8.3	63.6
00:30	59.8	11.6	61.9	11.6	62.2	7.9	53.7	7.1	75.1
00:45	57.4	11.8	61.4	11.4	66.4	8.5	65.7	7.5	86.6
01:00	49.2	11.7	56.1	11.6	68.1	8.7	81.5	8.4	85.2
01:15	45.3	11.1	51.9	11.8	66.1	8.7	90.7	8.8	87.4
01:30	40.6	10.4	50.7	11.8	60.6				
01:45	33.3	10.4	42.8	11.2	51.4				
02:00	31.0	11.5	37.8	11.0	50.2				
02:15	36.1	12.0	41.7	11.0	51.0				
02:30	41.7	11.7	44.9	11.0	52.0				
02:45	45.6	11.3	50.3	11.3	53.0				
03:00	44.7	10.8	50.4	11.3	54.0				
03:15	39.0	10.3	43.3	11.6	55.4				
03:30	29.3	10.3	34.5	9.8	48.4				
03:45	21.2	11.4	27.9	10.6	37.3				
04:00	22.2	11.1	21.0	11.7	35.2				
04:15	22.0	7.1	14.3	6.2	16.7	7.4	22.6		
04:30	16.3	4.2	14.2	4.0	9.0	4.3	7.9	4.3	8.1
04:45	25.4	2.6	25.4	2.6	23.6	4.8	28.0	4.8	22.3
05:00	30.9	2.2	44.3	2.8	33.5	5.7	36.2	5.0	30.0
05:15	36.3	1.4	70.1	2.3	35.7	4.1	35.6	5.0	35.0
05:30	55.9	1.0	66.2	2.6	28.6	3.2	30.2	5.0	45.0
05:45	63.0	2.2	63.8	3.1	37.3	3.3	32.4	5.0	50.0
06:00	57.6	4.1	56.5	4.4	48.2	4.0	51.8	5.1	56.6
06:15	42.7	5.4	39.1	5.2	33.5	5.2	45.8	5.9	46.9
06:30	35.0	5.1	27.2	5.5	24.8	7.1	36.0	6.1	44.6
06:45	35.5	5.5	27.5	5.7	22.2	7.6	31.9	6.4	47.8
07:00	34.7	7.0	26.9	6.5	20.4	7.7	27.7	6.8	40.8
07:15	31.1	6.9	23.7	6.8	21.6	7.1	28.7	7.5	38.5
07:30	31.4	5.6	26.3	5.3	21.4	6.7	33.0	7.7	36.5
07:45	36.2	5.7	30.7	5.0	18.3	5.9	32.4	7.0	32.0
08:00	41.9	5.3	32.8	5.6	21.5	5.5	36.0	6.3	41.7
08:15	38.6	5.6	28.8	6.5	26.9	7.2	38.9	7.6	52.6
08:30	32.2	7.8	24.7	7.3	28.9	7.6	37.9	8.0	55.3
08:45	33.6	8.0	27.7	7.8	25.6	7.5	41.6	7.6	56.4
09:00	35.1	7.6	29.9	7.0	25.7	6.3	44.8	6.8	58.8
09:15	33.6	8.0	32.3	6.1	32.9	5.9	45.3	6.0	53.5
09:30	30.2	7.3	32.3	8.1	27.8	5.3	55.4	6.3	57.6
09:45	26.8	5.9	32.0	8.1	25.1	4.1	65.3	5.1	67.4
10:00	35.3	5.2	32.6	7.3	25.0	5.2	33.0	6.1	42.3
10:15	27.3	5.6	27.1	5.8	22.9	5.6	27.6	7.0	50.4
10:30	28.3	5.4	28.2	4.6	29.8	3.6	49.0	5.4	58.4
10:45	30.4	4.8	31.4	5.4	28.0	4.4	43.0	4.8	52.4
11:00	31.7	3.8	31.8	5.7	26.2	5.2	32.0	5.5	50.7
11:15	55.6	2.1	43.7	4.8	27.1	3.6	42.2	4.5	70.0
11:30	50.1	2.3	38.0	3.3	23.0	1.9	88.0	4.8	74.3
11:45	35.6	2.1	31.5	3.3	11.1	4.2	30.0	6.3	72.0
12:00	23.6	2.4	26.7	4.1	5.7	7.0	32.0	9.0	58.0
12:15	20.7	3.8	20.9	7.3	12.7	10.0	33.0	12.0	45.0
12:30	18.2	7.3	8.3	7.6	17.8	12.7	30.4	14.7	34.6

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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	7.7	61.2				
00:30	8.0	75.0				
00:45	8.0	92.7				
01:00	9.0	87.5				
01:15	8.0	97.0	8.6	111.6		
01:30	8.0	95.0				
01:45	8.0	93.0				
02:00	8.0	90.0				
02:15	8.0	88.0				
02:30	7.5	86.0				
02:45	7.5	84.0				
03:00	7.5	82.0				
03:15	7.5	80.0				
03:30	7.0	78.0				
03:45	7.0	76.0				
04:00	7.0	74.0				
04:15	7.0	72.0				
04:30	7.0	70.0				
04:45	7.0	68.0				
05:00	7.0	66.0				
05:15	7.0	64.0				
05:30	7.0	62.0				
05:45	7.0	60.0				
06:00	6.3	62.4				
06:15	5.8	48.7				
06:30	6.0	50.0				
06:45	7.0	52.0				
07:00	7.0	54.1				
07:15	6.5	56.0				
07:30	6.1	58.8				
07:45	6.6	51.6	7.8	56.8		
08:00	6.4	65.0	7.0	70.0		
08:15	7.5	78.0	6.9	88.1		
08:30	7.0	76.0				
08:45	7.0	73.0				
09:00	6.5	70.0				
09:15	6.0	70.0				
09:30	5.9	67.6				
09:45	6.0	66.5				
10:00	6.7	58.5				
10:15	7.1	56.6				
10:30	7.0	64.0				
10:45	6.5	72.0				
11:00	6.0	80.0				
11:15	5.6	87.2				
11:30	6.1	82.7				
11:45	6.6	74.3				
12:00	9.5	65.0				
12:15	13.0	50.0				
12:30	16.7	30.5				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	14.9	28.3				
13:00	14.3	31.6				
13:15	14.9	37.2				
13:30						
13:45						
14:00						
14:15						
14:30						
14:45						
15:00						
15:15						
15:30						
15:45						
16:00						
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						
17:45						
18:00						
18:15						
18:30						
18:45						
19:00						
19:15						
19:30						
19:45						
20:00						
20:15						
20:30						
20:45						
21:00						
21:15						
21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00			4.4	156.1	5.7	185.9
23:15	1.3	81.2	4.4	167.7	7.4	185.3
23:30	3.4	144.2	4.9	173.5	7.3	183.3
23:45	4.1	165.6	6.0	182.9		
Avg	7.5	71.6	6.3	125.8	6.8	184.8
Max	16.7	165.6	8.6	182.9	7.4	185.9
Hr. of Max	50	95	05	95	93	92
Min	1.3	28.3	4.4	56.8	5.7	183.3
Count	56	56	8	8	3	3
Total						