

Daily Summary Report

Site: ORNL Sodar

2/9/2019

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	255.2	.4	51.2	.7	38.2	1.0	37.8	1.4
00:15	.4	231.1	.5	67.0	.7	43.5	1.0	40.6	1.3
00:30	.3	217.3	.8	52.5	1.0	51.0	1.3	43.0	1.2
00:45	.6	284.5	.9	50.2	1.2	53.4	1.6	48.1	1.7
01:00	.6	298.4	.8	45.3	1.2	48.2	1.7	51.0	2.1
01:15	.2	21.8	.5	36.2	1.2	46.8	1.7	43.6	2.4
01:30	.5	64.7	.3	52.5	.9	45.4	1.3	41.7	2.3
01:45	.4	69.3	.4	56.8	.9	49.8	1.1	48.7	1.6
02:00	.2	95.4	.4	64.9	.9	55.2	.9	50.9	1.6
02:15	.2	121.2	.4	56.3	.7	49.6	1.1	35.4	2.9
02:30	.3	113.9	.5	49.0	1.0	37.8	1.8	26.6	4.2
02:45	.2	120.2	.4	42.3	1.3	25.0	2.6	23.7	4.6
03:00	.0	273.2	.4	18.0	1.1	25.7	2.1	29.2	4.4
03:15	.2	350.3	.3	40.6	.9	35.6	1.7	29.7	3.9
03:30	.2	49.7	.2	62.6	1.0	21.1	1.9	25.8	3.3
03:45	.5	75.5	.4	33.0	1.1	19.6	1.6	29.9	2.9
04:00	.7	75.2	.4	33.4	.8	33.2	1.3	38.2	3.0
04:15	.7	74.1	.2	42.3	.8	31.4	1.5	29.2	3.6
04:30	.6	65.1	.4	19.8	1.1	24.6	2.9	16.4	4.0
04:45	.7	71.8	.5	31.1	1.3	24.2	2.8	23.4	3.9
05:00	.9	79.2	.4	42.4	1.4	26.6	2.7	34.5	4.4
05:15	.7	61.3	.4	37.9	1.7	23.9	3.3	28.5	5.6
05:30	.5	354.2	.7	48.2	1.9	39.6	3.9	42.5	6.7
05:45	.3	307.5	.8	42.6	2.0	40.7	4.0	42.5	6.2
06:00	.2	299.5	.7	30.2	1.9	26.5	3.6	30.5	5.3
06:15	.6	303.8	.7	24.8	2.0	23.8	3.7	29.7	6.1
06:30	.5	318.4	.6	15.8	2.2	31.2	3.8	32.4	6.5
06:45	.4	274.3	.7	358.2	2.0	35.8	3.2	41.3	6.1
07:00	1.0	254.3	.8	.9	2.4	33.2	3.7	34.8	6.3
07:15	1.1	277.9	.8	346.5	2.5	32.0	3.9	35.8	6.1
07:30	1.5	291.8	.7	330.6	1.6	32.9	2.6	46.6	5.6
07:45	1.1	302.5	.7	331.6	1.7	36.9	2.9	48.8	5.9
08:00	.7	348.9	.7	351.2	2.4	33.1	4.0	48.3	7.5
08:15	.9	311.7	.6	8.3	2.2	29.7	3.1	43.6	6.4
08:30	.8	293.6	.7	355.7	1.6	31.3	2.2	32.1	3.8
08:45	.4	305.3	.7	11.1	1.4	37.5	2.0	36.9	3.5
09:00	.4	2.6	1.1	29.7	1.8	28.4	2.3	39.7	4.3
09:15	.4	350.8	2.3	27.6	3.0	32.2	4.1	43.0	5.3
09:30	.3	283.2	1.8	39.5	2.8	45.8	4.1	48.7	4.3
09:45	1.0	66.7	2.4	51.6	3.4	46.1	4.2	52.8	4.7
10:00	1.3	65.3	2.6	27.1	4.4	36.0	5.0	48.4	5.7
10:15	.5	49.3	2.2	15.9	3.7	31.9	4.1	46.0	4.7
10:30	.6	334.5	2.7	55.3	4.0	46.9	4.4	53.0	4.7
10:45	1.5	54.2	3.2	61.9	4.7	52.5	4.7	51.7	5.0
11:00	2.7	58.9	3.6	48.3	4.6	43.3	4.6	48.9	4.8
11:15	5.0	69.5	3.8	42.1	4.5	40.7	4.8	48.1	4.7
11:30	5.4	78.8	4.0	34.8	4.9	45.3	5.5	47.6	5.2
11:45	4.4	66.4	5.1	30.6	5.5	39.7	6.0	42.7	5.7
12:00	3.1	69.6	4.0	44.8	4.7	45.4	5.0	44.2	5.2
12:15	3.1	74.3	3.8	54.6	3.9	52.0	3.9	48.0	4.3
12:30	3.7	38.6	4.5	39.5	4.9	38.4	5.2	42.3	5.4

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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	37.4	2.8	21.1	5.0	15.9	5.4	3.0	6.2	5.0
00:15	45.9	1.7	46.2	5.0	17.7	5.9	10.6	6.2	10.0
00:30	61.7	1.9	66.7	4.1	23.4	5.1	340.8	6.2	15.0
00:45	59.3	2.7	53.2	4.8	31.0	4.0	17.1	6.2	20.0
01:00	51.7	4.0	42.6	6.0	28.6	5.8	30.1	6.2	27.0
01:15	39.7	4.6	37.3	6.0	26.1	6.5	24.2	6.9	34.1
01:30	38.0	4.2	38.7	5.7	30.9	6.4	26.5	7.0	33.0
01:45	45.2	3.4	46.1	6.0	32.4	6.7	35.3	7.0	32.0
02:00	36.1	4.1	38.9	6.4	31.9	6.9	35.2	7.0	31.0
02:15	30.7	5.4	34.7	6.1	30.3	7.1	34.1	7.1	30.2
02:30	25.7	5.7	33.0	6.3	26.8	9.0	42.1	8.6	43.1
02:45	24.1	5.9	29.5	6.5	20.5	7.5	32.6	10.3	42.5
03:00	30.1	5.8	27.6	5.9	17.7	6.8	26.5	10.1	36.1
03:15	29.5	5.7	26.2	6.1	19.5	7.0	28.4	9.3	37.5
03:30	27.1	5.9	26.3	7.0	20.0	7.7	28.6	10.1	35.5
03:45	31.3	5.7	31.9	7.0	22.9	7.7	29.9	10.2	36.7
04:00	35.0	5.1	35.5	7.3	25.0	8.9	32.9	9.8	45.2
04:15	23.7	6.4	29.4	8.5	26.7	9.7	36.3	9.9	50.5
04:30	19.6	7.2	27.5	9.7	30.2	9.5	37.8	10.1	50.3
04:45	30.1	7.2	31.0	10.7	31.4	10.7	36.0	10.3	47.3
05:00	36.7	8.0	31.1	11.2	31.4	10.9	37.2	10.4	50.3
05:15	30.1	8.3	31.1	11.4	31.3	11.0	38.1	10.3	53.5
05:30	34.8	8.8	32.3	12.0	31.7	11.2	42.3	10.4	52.5
05:45	37.3	8.8	31.2	12.2	33.8	10.5	48.8	10.8	53.1
06:00	27.2	8.3	29.7	12.7	31.4	10.1	49.8	10.3	52.3
06:15	24.3	8.9	30.0	12.1	32.1	10.4	48.2	10.2	56.7
06:30	31.4	9.4	33.2	10.8	37.4	11.3	46.1	11.4	56.4
06:45	41.8	8.8	38.2	10.9	40.1	11.7	47.3	12.3	54.7
07:00	34.6	8.2	38.9	11.1	39.1	11.3	51.3	12.5	55.0
07:15	36.6	8.6	37.3	11.5	40.4	11.6	54.2	12.5	56.0
07:30	40.8	9.0	34.9	11.3	42.0	12.1	51.2	12.5	57.0
07:45	37.7	9.3	33.7	11.0	43.2	11.9	52.0	12.5	58.0
08:00	42.0	9.8	38.9	11.5	47.9	12.8	57.8	12.5	59.0
08:15	38.9	8.7	37.9	11.2	49.4	12.4	59.3	12.5	60.0
08:30	43.6	7.8	36.8	10.1	47.4	11.2	58.1	12.5	60.0
08:45	44.9	7.6	42.9	9.6	45.3	11.4	57.2	12.8	61.3
09:00	42.4	7.4	40.2	9.2	45.1	11.4	58.9	13.1	65.9
09:15	44.2	7.7	39.7	9.0	46.6	10.9	59.0	12.3	65.0
09:30	53.2	6.6	51.9	8.9	47.5	10.3	61.2	12.1	66.1
09:45	57.0	6.1	54.3	8.7	51.1	10.1	65.1	12.7	69.3
10:00	48.3	6.5	46.4	8.2	54.7	9.8	66.4	12.2	69.2
10:15	48.0	6.0	47.0	7.6	55.1	9.4	64.8	11.1	69.4
10:30	56.2	6.6	51.0	8.3	55.7	9.7	68.0	11.3	69.6
10:45	60.7	6.6	53.3	8.0	57.7	9.8	72.9	11.1	74.4
11:00	56.0	6.3	51.9	7.9	56.9	9.2	70.2	10.3	74.9
11:15	54.7	5.9	49.9	7.3	55.7	8.4	64.3	10.8	68.3
11:30	58.6	6.1	51.9	6.7	55.2	7.7	61.7	11.0	70.8
11:45	54.7	6.8	53.9	6.9	55.2	7.3	64.7	10.6	74.9
12:00	49.4	6.2	51.1	7.0	53.4	7.3	62.4	10.2	70.3
12:15	48.2	5.4	49.6	6.5	49.9	7.2	56.9	10.1	65.9
12:30	48.2	5.6	43.9	6.5	51.4	7.2	60.8	10.1	68.3

Daily Summary Report

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2/9/2019

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	9.0	41.0				
00:15	9.5	41.7				
00:30	9.5	42.4				
00:45	10.0	43.1				
01:00	10.0	43.8				
01:15	10.0	44.5				
01:30	10.0	45.2				
01:45	10.0	45.9				
02:00	10.0	46.6				
02:15	10.5	52.4				
02:30	9.9	50.3	10.9	55.2		
02:45	10.0	51.1	11.0	58.0		
03:00	10.7	45.0	11.0	58.0		
03:15	11.4	40.9	11.0	58.0		
03:30	10.6	47.0	11.0	58.0		
03:45	11.0	48.4	11.0	58.0		
04:00	13.1	47.8	11.0	58.0		
04:15	14.7	43.3	11.0	58.0		
04:30	13.0	47.0	11.0	58.0		
04:45	11.5	52.4	11.0	58.0		
05:00	10.7	57.0	11.0	58.0		
05:15	10.0	56.0	11.0	58.0		
05:30	10.0	56.0	11.0	58.0		
05:45	10.0	55.0	11.0	58.0		
06:00	9.7	54.2	11.0	58.0		
06:15	10.3	57.0	11.0	58.0		
06:30	11.0	57.0	11.0	58.0		
06:45	11.0	57.0	11.0	58.0		
07:00	11.0	57.0	11.0	58.0		
07:15	11.0	57.0	11.0	58.0		
07:30	12.0	57.0	11.0	58.0		
07:45	12.0	57.0	11.0	58.0		
08:00	12.0	57.0	11.0	58.0		
08:15	12.0	57.0	11.0	58.0		
08:30	12.0	57.0	11.0	58.0		
08:45	12.0	57.0	11.0	58.0		
09:00	12.0	57.0	11.0	58.0		
09:15	12.1	56.3	11.1	61.6		
09:30	11.0	58.7	11.9	59.1		
09:45	11.0	58.0				
10:00	11.3	57.6				
10:15	10.8	58.4				
10:30	11.0	58.0				
10:45	11.5	58.0				
11:00	12.0	58.0				
11:15	12.0	58.0				
11:30	12.5	58.0				
11:45	13.0	58.0				
12:00	13.0	58.0				
12:15	13.4	57.8				
12:30	15.7	51.5				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	14.0	52.0				
13:00	13.0	54.0				
13:15	11.1	55.5				
13:30	11.0	58.0				
13:45	10.7	61.3				
14:00	8.7	66.3				
14:15	8.6	66.9				
14:30	8.8	61.0				
14:45	7.9	61.5				
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	6.3	134.8				
21:30	7.3	137.6				
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	11.0	56.4	11.0	58.1		
Max	15.7	137.6	11.9	61.6		
Hr. of Max	50	86	38	37		
Min	6.3	40.9	10.9	55.2		
Count	62	62	29	29	0	0
Total						