

Daily Summary Report

Site: ORNL Sodar

4/1/2019

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	.3	7.5	1.8	65.6	2.6	48.4	3.6	50.1	5.8
00:15	.3	354.7	1.8	70.6	2.3	54.9	4.1	45.8	7.5
00:30	.2	344.0	1.6	56.2	2.1	44.4	3.8	37.5	7.0
00:45	.2	350.9	1.4	49.2	2.9	37.5	4.2	39.5	7.4
01:00	.2	15.7	1.6	43.8	3.4	35.5	4.8	40.2	8.6
01:15	.1	39.1	1.4	38.8	3.3	34.0	4.9	36.4	9.3
01:30	.1	311.8	1.2	51.2	2.9	34.4	5.2	30.9	9.3
01:45	.4	285.5	1.0	51.1	2.0	47.4	4.1	41.0	6.6
02:00	.1	282.8	1.1	39.4	2.4	59.4	4.0	51.0	7.0
02:15	.4	55.8	1.7	33.3	2.9	47.7	4.7	37.0	7.5
02:30	.7	36.6	2.1	31.3	4.1	32.0	5.4	28.2	7.7
02:45	.5	28.0	2.2	34.6	5.3	30.6	6.8	28.7	8.9
03:00	.2	349.3	2.1	35.5	5.1	27.4	7.0	28.4	8.5
03:15	.3	135.3	1.8	31.6	4.4	25.0	6.3	27.2	7.7
03:30	.6	108.2	1.4	31.5	3.4	31.3	5.2	28.3	6.9
03:45	.5	84.8	1.1	30.5	3.0	36.0	4.7	30.3	6.3
04:00	.7	90.7	1.0	34.5	2.4	44.3	4.0	35.3	5.5
04:15	.8	94.9	.9	49.7	1.7	50.0	2.5	40.0	3.3
04:30	.8	94.7	1.0	52.8	1.6	46.9	2.3	31.8	4.0
04:45	.8	98.6	1.5	43.0	2.1	52.1	3.0	41.2	4.3
05:00	.6	69.1	1.6	39.2	2.2	50.3	3.3	44.7	3.6
05:15	.7	54.8	1.9	43.0	2.5	52.1	3.4	52.0	4.5
05:30	.4	56.1	2.2	43.8	3.3	56.6	3.7	60.2	4.8
05:45	.5	329.6	2.1	43.2	3.6	56.7	3.8	58.3	4.0
06:00	1.1	293.9	2.5	52.7	3.6	55.1	4.7	59.0	5.5
06:15	.8	356.4	2.8	46.4	4.2	44.2	5.9	45.1	7.6
06:30	1.8	32.3	3.3	33.6	5.1	36.4	6.9	38.7	8.6
06:45	1.8	34.8	3.5	34.3	5.2	34.8	7.1	39.7	8.8
07:00	2.0	42.5	3.7	35.5	6.2	33.0	7.6	37.8	9.2
07:15	3.0	29.1	4.1	33.3	6.6	32.3	8.4	36.4	9.9
07:30	3.0	31.9	4.0	30.7	6.5	33.1	8.4	36.2	9.7
07:45	3.5	27.0	3.9	29.9	6.2	31.3	7.9	35.7	9.6
08:00	1.9	10.8	2.9	28.7	5.2	30.6	7.0	35.0	9.4
08:15	.8	333.4	1.5	36.2	3.8	31.2	6.4	34.6	8.5
08:30	.2	314.0	1.1	48.4	3.6	29.4	6.4	37.6	7.7
08:45	.5	13.3	1.6	33.9	3.1	33.6	4.8	38.1	7.0
09:00	1.3	18.6	2.5	50.0	3.2	43.4	4.1	38.5	6.0
09:15	2.0	26.5	3.5	51.1	4.5	50.0	5.0	46.1	6.6
09:30	2.0	41.5	3.6	41.0	4.1	48.3	4.7	49.5	6.5
09:45	1.8	53.5	3.7	53.9	4.0	48.4	4.5	47.9	5.2
10:00	2.4	72.0	4.1	66.0	4.8	61.5	5.3	56.2	5.6
10:15	2.4	78.2	4.5	67.0	4.9	66.4	5.4	63.7	6.0
10:30	3.6	75.4	4.3	62.0	4.2	57.2	4.5	54.7	5.0
10:45	4.6	67.4	4.5	55.7	4.7	57.2	5.2	52.6	5.7
11:00	4.5	64.4	5.1	61.0	6.3	63.4	7.1	62.8	7.5
11:15	3.4	64.2	3.1	59.5	4.7	60.9	5.4	60.3	6.0
11:30	2.7	60.0	2.7	60.9	3.5	59.1	4.2	59.6	4.3
11:45	3.2	79.0	3.8	70.2	4.5	69.8	4.8	69.4	4.3
12:00	2.1	78.0	3.1	63.0	4.3	65.9	4.8	66.8	4.8
12:15	2.3	48.7	3.2	47.3	4.4	43.9	5.2	45.8	5.8
12:30	3.2	56.0	3.5	51.4	4.3	44.6	5.0	45.1	5.4

Daily Summary Report

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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	34.1	10.1	23.7	11.4	26.8	13.0	31.1	17.0	37.1
00:15	36.3	9.7	29.5	11.4	29.1	14.5	27.3	16.6	38.8
00:30	30.3	9.1	27.7	10.8	29.1	12.9	28.4	17.2	39.5
00:45	25.7	10.3	27.6	11.0	30.5	12.7	29.9	16.0	40.5
01:00	25.5	11.1	27.5	11.5	33.3	13.8	30.8	15.3	46.4
01:15	28.5	12.6	26.4	13.3	34.6	13.4	33.3	15.2	41.0
01:30	31.1	13.0	28.1	13.5	36.0	13.8	31.3	15.6	36.9
01:45	43.6	9.8	33.4	12.7	35.3	14.4	32.4	14.1	37.9
02:00	41.9	9.6	40.3	13.2	35.7	15.5	34.9	13.6	36.9
02:15	29.1	10.7	32.8	14.0	34.8	15.9	30.5	14.5	38.9
02:30	23.9	10.7	26.8	14.8	33.0	17.1	29.7	15.3	33.5
02:45	29.3	11.4	31.7	14.8	33.5	17.8	32.8	15.3	33.7
03:00	31.4	11.0	32.2	15.3	32.7	17.5	35.0	15.5	35.0
03:15	28.8	10.1	30.9	14.6	32.8	17.3	39.3	16.0	37.0
03:30	28.1	9.5	28.9	13.8	34.1	15.7	36.3	16.1	38.5
03:45	28.3	9.0	27.2	13.3	37.8	14.8	33.6	15.2	37.4
04:00	34.2	8.6	24.4	11.8	38.2	14.8	35.0	15.2	36.1
04:15	41.3	7.7	22.6	11.0	34.9	13.7	35.8	15.9	32.1
04:30	25.6	7.1	23.2	11.2	33.1	13.3	33.7	15.1	31.7
04:45	29.4	6.3	23.7	11.1	36.8	13.5	33.0	15.3	32.0
05:00	36.0	5.8	23.6	11.8	38.3	13.5	33.0	15.5	32.0
05:15	38.5	7.9	26.7	12.5	40.9	13.8	33.0	15.5	32.0
05:30	58.4	8.5	38.0	11.7	47.9	14.0	32.0	15.8	32.0
05:45	67.3	6.2	54.6	11.8	47.0	14.3	32.0	15.8	32.0
06:00	70.2	8.0	67.3	12.0	47.0	14.3	32.0	16.0	32.0
06:15	55.8	9.3	54.9	12.0	46.0	14.5	32.0	16.0	32.0
06:30	45.5	8.7	49.5	12.2	45.0	14.5	31.0	16.3	32.0
06:45	44.4	10.0	47.7	12.4	44.0	14.8	31.0	16.5	32.0
07:00	43.7	11.0	47.4	12.5	44.0	14.8	31.0	16.5	32.0
07:15	40.2	11.9	45.4	12.6	43.0	15.0	31.0	16.8	32.0
07:30	39.0	11.8	45.0	12.8	43.0	15.3	31.0	17.0	32.0
07:45	38.7	11.2	45.4	13.0	42.0	15.5	31.0	17.3	32.0
08:00	36.0	10.7	42.0	13.2	42.0	15.8	31.0	17.5	32.0
08:15	35.6	10.3	40.2	13.4	41.3	15.9	30.6	17.8	32.0
08:30	41.1	9.8	40.3	12.5	46.2	16.0	37.0	17.8	32.4
08:45	42.8	9.5	36.2	12.2	43.8	14.5	40.2	15.5	39.9
09:00	37.0	8.9	28.3	13.0	36.9	12.9	45.9	14.5	41.3
09:15	41.8	9.8	33.1	13.2	41.4	13.8	39.8	15.0	35.2
09:30	48.1	8.8	39.2	13.3	40.4	15.1	34.3	15.2	34.4
09:45	49.5	6.3	47.1	13.3	37.4	16.1	35.1	14.7	32.9
10:00	46.9	7.6	44.4	12.8	36.1	15.9	35.1	13.9	33.6
10:15	52.8	9.2	38.8	13.8	34.6	13.4	32.0	13.7	32.5
10:30	72.8	7.0	65.0	13.7	32.8	13.2	28.9	14.5	30.6
10:45	60.0	6.9	52.5	11.0	39.0	13.0	30.0	13.0	34.0
11:00	65.6	6.5	60.4	6.6	66.8	12.0	32.0	11.5	38.0
11:15	70.6	5.3	64.9	6.3	69.0	11.0	34.0	10.0	42.0
11:30	66.4	4.7	68.8	6.0	72.0	10.0	37.0	9.0	45.0
11:45	75.7	4.8	71.6	5.5	74.1	9.0	39.0	8.0	48.0
12:00	67.6	5.1	54.4	6.2	67.8	8.0	41.0	7.0	50.0
12:15	42.9	5.9	40.8	7.0	45.3	7.6	43.4	6.9	51.0
12:30	45.6	5.8	47.5	6.7	53.5	7.4	50.9		

Daily Summary Report

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4/1/2019

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						
00:15	16.7	40.2				
00:30	15.3	39.0				
00:45	15.2	36.1				
01:00	15.7	37.7				
01:15	16.8	36.1	16.1	39.1		
01:30	16.6	34.8	14.7	42.0		
01:45	15.6	36.5	16.3	44.0		
02:00	14.8	34.2	16.4	43.0		
02:15	14.2	34.0	16.4	42.0		
02:30	15.0	36.0	16.4	41.0		
02:45	15.0	38.0	16.5	40.0		
03:00	16.0	40.0	16.5	39.0		
03:15	17.0	42.0	16.6	38.0		
03:30	17.4	43.1	16.6	37.0		
03:45	17.3	45.8	16.7	36.0		
04:00	15.2	42.8	16.7	35.7		
04:15	16.7	35.0	17.1	30.3		
04:30	16.6	35.0	17.0	31.0		
04:45	16.5	35.0	16.8	31.0		
05:00	16.4	36.0	16.8	32.0		
05:15	16.3	36.0	16.5	33.0		
05:30	16.2	36.0	16.5	34.0		
05:45	16.1	36.0	16.5	35.0		
06:00	16.0	36.0	16.3	35.0		
06:15	15.9	36.0	16.3	36.0		
06:30	15.8	36.0	16.3	37.0		
06:45	15.7	36.0	16.0	37.0		
07:00	15.6	36.0	16.0	38.0		
07:15	15.5	36.0	16.0	39.0		
07:30	15.4	36.0	16.0	40.0		
07:45	15.4	36.0	15.8	40.0		
08:00	15.4	36.0	15.8	41.0		
08:15	15.3	36.0	15.5	41.0		
08:30	15.2	36.0	15.5	41.0		
08:45	15.1	36.0	15.5	41.0		
09:00	15.0	36.0	15.5	41.0		
09:15	15.0	36.0	15.5	41.0		
09:30	14.9	38.0	15.4	41.2		
09:45	15.1	39.5	14.9	40.9		
10:00	17.1	35.4	14.5	38.5	17.2	29.9
10:15					16.8	28.9
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						
12:30						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						
14:30						
14:45						
15:00						
15:15						
15:30						
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21:15						
21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	15.8	37.1	16.1	38.1	17.0	29.4
Max	17.4	45.8	17.1	44.0	17.2	29.9
Hr. of Max	14	15	17	07	40	40
Min	14.2	34.0	14.5	30.3	16.8	28.9
Count	40	40	36	36	2	2
Total						