

Daily Summary Report

Site: ORNL Sodar

2/19/2019

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	.1	138.6	1.0	45.9	2.4	29.9	4.2	25.0	5.6
00:15	.1	95.9	.8	56.1	1.8	33.0	2.4	38.8	3.7
00:30	.0	171.4	.8	65.5	1.5	36.6	1.9	49.3	4.0
00:45	.7	261.6	.7	47.5	1.7	41.1	2.3	48.5	4.4
01:00	.8	258.2	.8	37.3	2.0	48.0	2.6	45.2	4.3
01:15	.6	239.5	1.0	39.1	2.2	46.1	2.9	41.1	5.0
01:30	.5	231.3	1.5	31.5	2.7	40.1	4.2	39.4	6.1
01:45	.5	82.3	2.2	39.3	3.8	31.8	5.8	35.8	7.3
02:00	.6	72.1	2.4	52.5	4.3	35.2	6.1	37.0	7.4
02:15	2.0	91.8	2.2	46.3	4.1	40.7	6.0	39.9	7.3
02:30	5.0	80.5	2.8	44.9	4.8	40.2	6.5	41.8	8.3
02:45	3.1	80.1	3.1	52.8	5.1	44.6	6.8	44.4	8.8
03:00	2.6	101.9	2.5	51.9	4.4	49.0	6.5	46.2	8.5
03:15	1.5	88.0	2.1	49.2	4.0	46.2	6.1	43.5	8.0
03:30	.8	131.6	2.6	56.6	4.3	44.2	5.9	44.1	8.1
03:45	1.0	127.5	2.7	58.5	4.4	48.0	5.7	48.7	8.0
04:00	1.1	113.9	2.4	54.9	4.5	52.3	6.2	49.8	7.9
04:15	1.8	97.5	2.8	59.9	5.0	54.3	6.7	50.2	8.2
04:30	2.7	92.0	3.1	63.4	5.3	55.4	6.5	50.2	8.0
04:45	3.0	90.0	3.2	60.3	5.2	55.3	6.7	52.0	8.0
05:00	2.5	77.0	2.8	54.8	5.0	53.5	6.5	53.2	8.1
05:15	1.7	77.2	2.8	52.0	5.1	51.4	6.6	52.4	8.3
05:30	1.6	74.0	3.5	44.0	5.5	43.1	7.1	47.1	9.2
05:45	1.6	76.0	3.5	43.7	5.8	41.4	7.4	44.5	9.6
06:00	1.4	71.4	3.0	52.8	5.0	43.2	6.7	43.0	9.2
06:15	.6	71.5	2.4	57.8	4.1	42.0	5.7	40.7	8.6
06:30	.5	81.4	2.2	57.5	4.1	42.2	5.6	42.7	8.2
06:45	2.6	94.5	2.6	52.0	4.7	43.0	6.0	43.8	8.3
07:00	2.4	93.9	3.0	46.9	5.4	44.8	7.0	47.7	9.2
07:15	2.8	91.5	3.0	48.5	5.5	43.3	7.8	47.8	9.7
07:30	.8	66.8	2.6	62.4	4.8	47.6	7.0	47.4	9.4
07:45	.8	65.1	2.5	61.8	5.2	49.2	7.0	46.8	9.9
08:00	1.2	73.8	2.3	58.3	5.7	48.7	8.0	46.2	10.2
08:15	1.2	86.1	1.7	65.8	5.0	57.6	7.2	51.8	9.0
08:30	.5	90.0	1.4	66.5	3.6	66.7	5.3	56.5	8.3
08:45	.8	61.3	1.0	55.3	2.1	66.6	3.5	61.1	7.7
09:00	1.8	72.7	1.5	50.9	2.2	64.4	3.8	69.1	7.6
09:15	1.0	63.7	1.8	53.5	2.6	70.6	4.2	70.4	8.2
09:30	.3	347.3	1.3	47.8	2.6	64.4	3.6	71.0	7.4
09:45	.5	66.4	1.3	63.0	2.6	61.7	3.5	70.6	6.7
10:00	.5	56.2	1.9	49.6	3.1	67.9	4.2	74.9	6.0
10:15	.5	44.6	2.2	51.6	3.0	67.0	4.0	75.3	5.3
10:30	.9	68.3	2.5	76.9	3.2	68.7	3.8	74.4	5.0
10:45	1.5	71.8	2.6	71.7	3.5	62.3	3.7	67.3	4.7
11:00	1.1	72.9	2.4	68.7	3.0	56.4	3.3	63.6	4.5
11:15	.7	73.5	2.6	73.6	3.0	63.3	3.1	61.8	4.3
11:30	.7	66.0	3.4	71.5	3.7	71.0	4.1	62.5	5.3
11:45	.1	1.4	2.3	65.7	2.9	74.0	3.2	66.8	4.8
12:00	.6	105.0	1.1	52.0	1.6	61.1	2.1	54.3	2.4
12:15	.6	119.8	1.5	72.9	2.2	70.3	3.2	62.7	3.4
12:30	.5	210.4	.8	87.1	1.6	84.6	2.1	75.9	2.5

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	26.4	8.4	23.0	11.2	34.4	11.6	40.8	11.5	39.5
00:15	36.8	6.8	23.6	10.3	29.8	13.5	34.0	11.7	41.4
00:30	28.9	6.7	28.8	11.0	32.0	13.0	36.0	11.8	42.0
00:45	25.4	7.3	29.9	11.0	35.0	13.0	38.0	11.9	42.0
01:00	29.5	6.5	32.7	11.5	38.4	13.0	40.0	12.0	42.0
01:15	31.7	6.7	38.0	11.8	39.0	13.0	42.0	12.1	42.0
01:30	36.8	7.9	40.3	11.8	40.0	12.0	44.0	12.2	42.0
01:45	39.4	8.8	39.1	12.0	41.0	12.0	46.0	12.3	42.0
02:00	39.5	8.8	41.5	12.0	42.0	12.0	48.0	12.4	42.0
02:15	42.0	9.3	42.8	12.1	42.4	12.0	50.0	12.5	42.0
02:30	42.8	10.6	42.5	13.6	43.8	12.0	52.0	12.6	42.0
02:45	42.0	11.4	40.5	15.7	43.4	11.0	54.0	12.7	42.0
03:00	40.9	10.8	41.0	12.6	51.0	11.0	56.0	12.8	42.0
03:15	39.6	10.0	43.4	12.6	44.7	11.0	58.0	12.9	42.0
03:30	42.6	9.9	43.4	13.4	47.9	10.6	59.8	13.0	42.0
03:45	46.8	9.9	46.3	12.9	51.1	10.7	63.5	13.1	42.0
04:00	48.7	9.9	50.6	12.1	53.0	11.1	66.3	13.2	42.0
04:15	50.1	10.2	49.9	12.3	56.0	10.8	72.0	13.3	42.0
04:30	50.4	10.1	52.1	12.0	58.3	10.3	71.9	13.4	42.0
04:45	52.4	10.4	54.7	11.2	59.4	10.0	68.3	13.5	42.0
05:00	53.8	10.1	53.2	11.6	56.8	12.0	65.0	13.6	42.0
05:15	51.1	9.9	53.5	12.5	55.5	12.0	63.0	13.7	42.0
05:30	48.2	10.7	54.1	12.7	54.4	12.0	60.0	13.8	42.0
05:45	48.2	10.8	53.7	12.9	54.5	12.0	57.0	13.9	42.0
06:00	49.3	10.8	49.1	13.4	50.7	12.0	55.0	14.0	42.0
06:15	48.5	10.2	47.3	12.7	49.6	12.0	53.0	14.1	42.0
06:30	46.1	9.6	50.2	12.1	57.0	12.6	51.2	14.2	42.0
06:45	41.0	10.2	49.4	11.5	48.2	12.1	48.0	14.3	42.0
07:00	41.9	10.6	49.3	12.2	43.9	12.4	44.9	14.4	42.0
07:15	46.1	10.6	49.7	12.8	39.8	12.0	48.0	14.5	42.0
07:30	47.1	10.3	48.6	13.2	48.4	11.7	53.1	14.6	42.0
07:45	48.1	10.6	49.4	12.6	48.7	10.9	48.6	14.7	42.0
08:00	48.8	11.1	52.4	12.1	51.0	13.5	45.0	15.1	42.7
08:15	54.1	11.1	58.4	12.7	51.1	11.3	53.0	10.0	50.0
08:30	61.0	10.2	59.5	12.3	54.9	11.5	56.0	9.6	56.0
08:45	66.6	9.3	58.5	11.8	62.9	11.0	63.0	10.0	63.0
09:00	63.2	9.4	57.6	11.8	61.6	10.5	62.0	9.0	67.0
09:15	60.9	9.5	59.6	11.9	61.5	11.7	58.0	11.5	55.0
09:30	64.0	9.0	64.1	11.2	66.6	11.7	64.1	12.9	48.7
09:45	68.0	8.4	67.9	10.2	66.6	11.6	69.8	10.0	57.2
10:00	71.9	8.5	70.5	9.7	65.9	12.1	69.7	10.1	64.3
10:15	71.6	8.0	69.6	8.8	66.7	11.3	66.8	10.5	61.2
10:30	78.4	7.1	77.6	8.1	62.4	9.8	65.6	10.0	58.4
10:45	71.9	6.4	78.1	7.8	56.4	8.8	65.4	9.8	61.3
11:00	65.7	5.2	62.6	7.6	53.8	8.5	66.5	8.9	60.5
11:15	66.5	4.4	58.0	7.4	59.2	8.3	63.9	8.5	60.0
11:30	74.0	5.2	66.2	7.3	59.5	8.2	63.1	9.2	61.7
11:45	79.5	5.3	74.1	6.6	62.0	7.7	67.5	9.3	63.1
12:00	64.1	3.7	73.3	5.5	67.2	7.2	64.2	8.9	63.9
12:15	72.5	4.5	78.3	8.1	55.9	7.5	63.5	8.6	65.5
12:30	73.2	2.3	76.4	7.2	65.4	7.4	70.3	7.4	68.6

Daily Summary Report

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2/19/2019

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	11.4	38.0	11.5	53.1		
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						
06:00						
06:15						
06:30						
06:45						
07:00						
07:15						
07:30						
07:45						
08:00	7.0	52.6				
08:15	6.9	52.7				
08:30	6.3	58.6				
08:45	6.6	62.2				
09:00	7.3	64.5				
09:15	7.7	56.8				
09:30	6.8	56.2				
09:45	6.7	59.7				
10:00	7.0	59.1				
10:15	7.0	56.6				
10:30	6.8	58.5				
10:45	6.5	62.2				
11:00	6.7	63.0				
11:15	6.6	60.8				
11:30	6.9	57.4				
11:45	6.8	66.9				
12:00	6.8	73.7				
12:15	6.2	76.5				
12:30	5.0	83.4				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	4.1	83.2				
13:00	5.0	85.1				
13:15	6.7	87.4				
13:30	5.9	95.2				
13:45	6.0	92.0				
14:00	7.4	95.9				
14:15	7.2	101.0				
14:30	7.5	108.2				
14:45	9.0	117.9				
15:00	9.2	129.6				
15:15	9.0	136.4				
15:30	9.9	146.1	11.4	139.5	13.4	140.1
15:45	10.9	152.8	11.7	137.5	15.1	141.6
16:00			12.5	140.0		
16:15			12.5	140.0		
16:30			12.5	140.0		
16:45			12.5	140.0		
17:00			12.5	140.0		
17:15			12.5	140.0		
17:30			12.5	140.0		
17:45			12.5	140.0		
18:00			12.5	140.0		
18:15			12.5	140.0		
18:30			12.5	140.0		
18:45			12.5	140.0		
19:00			12.5	140.0		
19:15			12.5	140.0		
19:30			12.5	140.0		
19:45			12.5	140.0		
20:00			12.5	140.0		
20:15			12.5	140.0		
20:30			12.5	140.0		
20:45			12.5	140.0		
21:00			12.5	140.0		
21:15			12.5	140.0		
21:30			12.5	140.0		
21:45			12.5	140.0		
22:00			12.5	140.0		
22:15			12.5	140.0		
22:30			12.5	140.0		
22:45			12.5	140.0		
23:00			12.5	140.0		
23:15			12.5	140.0		
23:30			12.5	140.0		
23:45			12.5	140.0		
Avg	7.2	80.3	12.4	137.4	14.3	140.9
Max	11.4	152.8	12.5	140.0	15.1	141.6
Hr. of Max	00	63	95	95	63	63
Min	4.1	38.0	11.4	53.1	13.4	140.1
Count	33	33	35	35	2	2
Total						