

Daily Summary Report

Site: ORNL Sodar

1/7/2018

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	1.3	66.1	1.6	46.4	3.2	44.6	4.7	45.6	5.6
00:15	1.3	66.4	2.0	47.2	3.6	46.2	4.8	45.1	5.2
00:30	1.4	65.2	2.3	50.5	3.8	47.3	5.0	48.2	5.7
00:45	1.5	73.1	1.7	56.7	3.0	55.2	4.3	55.6	5.5
01:00	1.4	71.9	1.3	51.0	2.4	61.3	3.3	56.0	4.1
01:15	1.3	64.3	1.1	42.1	2.8	58.9	3.3	49.2	2.8
01:30	1.7	66.6	1.7	59.0	3.9	65.1	4.4	61.8	3.3
01:45	2.3	71.4	2.3	64.2	4.1	66.4	4.8	68.7	5.3
02:00	2.4	72.0	2.8	63.0	3.8	66.5	4.9	69.5	6.2
02:15	2.1	70.9	2.9	59.2	4.0	68.3	5.4	69.2	6.2
02:30	2.0	74.9	3.0	63.5	4.2	62.5	5.8	65.6	6.7
02:45	2.2	76.2	2.4	60.0	3.9	56.1	5.6	60.8	6.4
03:00	1.9	74.3	1.6	47.9	3.0	52.2	4.4	56.5	4.4
03:15	1.7	79.9	1.6	46.2	3.0	50.1	4.1	54.7	3.9
03:30	2.0	82.5	2.0	50.5	3.7	52.6	4.8	58.2	4.9
03:45	2.0	79.4	2.4	52.6	4.3	54.8	5.5	61.1	6.1
04:00	2.2	75.9	2.9	58.3	4.6	56.0	5.7	61.3	7.0
04:15	2.3	74.8	2.8	61.9	4.3	56.9	4.9	62.5	6.3
04:30	2.3	75.3	3.0	71.0	4.0	63.4	4.3	66.1	6.2
04:45	1.8	72.8	2.5	71.0	3.6	68.1	3.5	69.6	5.4
05:00	1.1	77.3	2.0	71.7	3.6	65.9	3.5	70.1	4.8
05:15	1.5	81.2	2.0	67.4	3.9	64.9	4.4	76.0	6.3
05:30	1.4	76.8	2.0	64.8	3.2	62.2	3.4	71.1	4.7
05:45	1.2	78.9	2.0	63.9	2.8	62.0	3.0	68.0	4.7
06:00	1.5	79.1	2.4	67.4	3.5	64.5	4.0	72.5	5.3
06:15	2.2	81.4	2.5	65.9	4.2	61.0	4.9	70.2	4.8
06:30	2.6	82.6	2.6	64.6	5.0	61.8	6.1	73.1	5.7
06:45	2.5	83.0	3.0	66.8	5.3	63.7	5.9	72.4	6.0
07:00	2.6	84.5	3.1	64.5	5.2	64.6	5.1	68.8	6.0
07:15	2.2	79.5	2.7	67.1	4.9	66.8	5.1	69.7	6.2
07:30	2.0	80.2	2.5	70.7	4.5	68.6	5.3	73.9	6.2
07:45	2.6	77.0	2.5	66.9	4.1	69.9	4.9	76.4	6.2
08:00	2.9	77.7	2.5	67.1	4.0	67.2	4.3	74.0	5.8
08:15	2.3	81.7	2.8	61.7	3.9	62.4	4.0	71.1	5.2
08:30	1.0	71.9	3.0	48.7	3.4	58.4	4.0	72.7	4.7
08:45	.8	74.8	2.8	48.1	3.3	59.1	4.2	73.8	4.5
09:00	2.0	85.7	2.5	59.7	3.5	66.8	4.4	74.7	3.8
09:15	2.0	81.5	1.9	61.2	3.1	66.7	4.1	72.6	3.0
09:30	1.5	60.5	1.6	58.3	2.5	64.9	3.2	70.3	2.8
09:45	1.4	64.0	1.5	59.8	2.0	71.0	2.3	75.5	2.7
10:00	1.4	57.0	1.3	59.8	1.4	67.8	1.6	81.5	2.5
10:15	1.2	39.0	1.0	46.8	1.1	65.9	1.3	82.9	2.2
10:30	1.4	18.1	1.4	22.0	1.0	50.5	1.2	72.2	1.8
10:45	1.6	37.3	1.6	32.0	1.0	46.8	1.0	64.1	1.4
11:00	1.3	78.5	.5	57.3	.6	85.5	.5	45.7	.4
11:15	1.0	116.8	.1	139.4	.2	19.5	.4	343.2	.5
11:30	1.1	105.7	.8	57.1	.6	353.7	.3	321.1	.4
11:45	.7	131.9	.2	63.5	.7	265.0	.9	251.3	.9
12:00	.9	209.0	1.0	204.6	1.4	217.3	1.4	215.5	1.4
12:15	.9	226.1	1.4	193.7	1.8	199.5	2.1	197.0	1.6

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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	51.9	4.6	48.2	4.0	12.0				
00:15	51.7	3.5	43.4	4.0	5.2				
00:30	55.7	4.6	62.0	2.6	54.7				
00:45	59.6	4.2	74.7	2.0	88.1				
01:00	60.0	2.1	78.4	1.1	12.0				
01:15	54.6	1.9	78.3	1.4	9.1				
01:30	70.2	3.3	82.4	1.3	355.7				
01:45	77.5	5.8	83.0	4.0	25.0				
02:00	78.0	9.3	83.1	7.0	50.0				
02:15	77.3	8.9	81.1	9.4	78.8				
02:30	76.4	9.1	81.1	8.0	80.0				
02:45	75.6	8.5	81.1	7.0	82.0				
03:00	69.7	4.5	78.3	6.0	84.0				
03:15	67.2	4.8	81.9	5.5	86.0				
03:30	76.1	6.9	84.3	5.0	88.0				
03:45	77.4	7.3	83.8	4.5	91.0				
04:00	73.8	7.4	81.6	4.2	93.7				
04:15	75.4	7.2	82.6	3.9	99.9				
04:30	81.2	7.2	85.7	4.7	84.9				
04:45	84.4	6.8	87.7	2.9	86.2	2.5	133.5		
05:00	83.0	7.0	91.2	3.0	114.4	4.5	168.4		
05:15	84.6	7.1	93.5	4.3	117.4	5.6	167.9		
05:30	85.1	6.0	92.6	3.5	126.2	6.2	169.3		
05:45	84.4	5.5	90.1	2.7	124.2	7.7	168.3		
06:00	84.4	5.4	91.2	4.2	106.7	7.5	171.0		
06:15	84.3	5.5	92.1	4.8	109.2	7.3	178.0		
06:30	82.1	5.7	91.4	5.1	131.9	7.0	185.0		
06:45	82.5	5.5	92.7	6.1	142.8	7.0	190.0		
07:00	83.9	5.0	96.4	5.2	147.6	7.0	195.0		
07:15	86.2	5.0	101.7	5.7	144.5	7.0	200.0		
07:30	89.6	5.2	108.8	6.7	129.9	7.0	205.0		
07:45	88.9	5.2	110.1	5.1	140.6	6.9	210.0		
08:00	87.2	4.7	113.4	5.0	145.3	6.9	215.0		
08:15	85.2	3.8	118.5	4.3	160.7	6.9	220.0		
08:30	82.3	3.1	114.9	3.6	172.0	6.8	225.0		
08:45	81.0	2.7	115.0	1.6	182.7	5.5	228.1		
09:00	84.0	2.6	129.6	2.3	202.1	7.0	223.0		
09:15	91.9	2.8	143.2	3.8	209.5	9.0	217.0		
09:30	95.8	2.6	148.4	6.1	207.3	11.0	210.0		
09:45	97.6	2.3	156.2	8.4	200.5	13.2	203.0		
10:00	98.3	2.3	152.5	7.7	200.7	13.0	204.0		
10:15	98.2	2.0	141.9	7.2	199.0	13.0	205.0		
10:30	92.5	1.2	140.6	6.5	198.7	12.8	206.0		
10:45	88.1	.7	146.3	6.0	202.4	12.7	206.5		
11:00	88.0	1.0	194.9	5.8	206.0	12.8	205.7		
11:15	262.1	1.4	230.7	5.1	213.0	10.0	210.0		
11:30	266.1	1.2	253.3	2.7	251.5	7.3	227.1		
11:45	257.6	1.4	253.4	3.0	251.4	6.0	231.1		
12:00	240.6	1.7	252.3	3.7	242.0	6.1	226.5		
12:15	217.7	2.0	234.2	4.2	230.1	6.3	218.0		

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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						
00:15						
00:30						
00:45						
01:00						
01:15						
01:30						
01:45						
02:00						
02:15						
02:30						
02:45						
03:00						
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06:45						
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07:15						
07:30						
07:45						
08:00						
08:15						
08:30						
08:45						
09:00						
09:15						
09:30						
09:45						
10:00						
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						
13:45						
14:00						
14:15						
14:30						
14:45						
15:00	9.8	212.9				
15:15	9.5	207.3				
15:30	9.5	208.0				
15:45	9.5	208.0				
16:00	9.4	209.0				
16:15	9.4	209.0				
16:30	9.3	209.0				
16:45	9.3	210.0				
17:00	9.2	210.0				
17:15	9.2	210.0				
17:30	9.2	210.0				
17:45	9.1	211.0				
18:00	9.1	211.0				
18:15	9.0	211.2				
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						
23:15						
23:30						
23:45						
Avg	9.3	209.7				
Max	9.8	212.9				
Hr. of Max	60	60				
Min	9.0	207.3				
Count	14	14	0	0	0	0
Total						