

Daily Summary Report

Site: ORNL Sodar

3/27/2019

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	1.6	51.1	3.2	30.1	4.3	29.7	6.1	28.6	7.5
00:15	1.3	69.7	3.0	30.7	4.2	31.8	6.0	30.4	7.7
00:30	.9	71.2	2.6	31.2	4.4	33.8	6.1	32.8	8.3
00:45	1.4	38.9	2.6	32.4	4.5	33.7	6.5	33.5	9.3
01:00	2.2	31.7	2.9	37.7	5.1	31.8	6.9	32.8	9.2
01:15	2.5	23.3	3.0	32.7	5.3	31.0	7.0	32.5	8.1
01:30	3.0	21.5	2.8	34.4	5.2	32.9	6.9	33.5	8.9
01:45	2.9	27.4	3.5	40.1	5.5	33.1	7.3	33.0	9.5
02:00	2.4	29.5	3.7	37.9	5.7	32.2	7.0	34.4	9.2
02:15	2.3	31.3	3.0	35.0	5.0	33.8	6.3	36.2	9.0
02:30	2.4	38.3	3.1	33.1	4.8	35.1	6.0	35.1	8.4
02:45	2.2	37.5	2.8	34.3	4.2	36.0	5.5	37.4	7.8
03:00	1.6	43.1	2.1	38.1	3.5	38.9	5.1	38.3	7.2
03:15	1.4	46.2	1.9	35.3	3.3	38.0	4.9	37.1	6.8
03:30	1.4	41.2	1.8	45.4	3.2	39.0	4.7	41.1	6.9
03:45	1.2	35.6	1.8	59.2	2.9	43.7	4.3	44.0	6.7
04:00	1.2	20.9	2.1	61.2	3.1	48.8	4.3	43.9	6.5
04:15	1.0	21.6	2.4	58.8	3.6	46.6	4.9	41.9	6.7
04:30	1.2	23.7	2.7	54.0	4.1	43.9	5.6	42.7	6.6
04:45	1.1	33.0	2.8	57.8	4.2	48.3	5.9	45.1	6.8
05:00	.9	47.1	2.9	66.0	4.6	53.1	6.3	48.3	6.8
05:15	1.0	41.7	3.0	62.0	4.9	49.1	6.5	46.1	5.9
05:30	.9	75.3	2.8	48.7	4.4	39.6	6.0	38.7	6.3
05:45	.9	89.0	2.6	40.9	4.1	37.5	5.7	38.7	7.2
06:00	.9	60.8	2.6	38.0	4.1	39.7	5.8	40.0	7.5
06:15	1.3	105.0	2.9	48.0	4.4	45.8	5.9	41.5	8.0
06:30	1.3	115.0	3.0	60.3	4.6	51.2	5.9	46.7	7.2
06:45	.6	56.7	2.8	65.1	4.5	51.1	5.9	48.4	6.7
07:00	1.3	63.0	2.9	63.1	4.6	50.0	6.2	46.2	6.5
07:15	1.2	65.7	3.0	60.3	4.6	48.7	6.0	45.8	6.7
07:30	1.4	74.4	2.8	60.7	4.3	48.7	5.7	48.5	7.2
07:45	1.7	83.5	3.0	60.7	4.4	50.2	6.1	51.6	7.0
08:00	1.3	88.1	3.0	65.5	4.0	54.9	5.0	54.0	4.5
08:15	.8	89.2	2.5	67.4	3.5	60.1	2.5	57.4	.8
08:30	1.1	84.4	2.3	69.4	3.7	64.3	3.6	71.0	3.0
08:45	1.4	78.9	2.1	70.5	3.7	63.5	4.3	70.0	5.8
09:00	1.3	78.9	2.2	56.6	3.5	49.5	3.4	52.0	3.3
09:15	1.4	81.8	2.2	55.4	3.1	45.1	3.5	49.6	3.3
09:30	1.6	77.4	2.3	68.1	2.5	51.7	3.0	53.2	2.7
09:45	1.5	75.6	2.5	72.8	2.8	57.9	2.8	53.9	2.1
10:00	2.3	83.2	2.8	75.8	3.2	63.0	2.8	61.5	2.4
10:15	2.0	86.5	2.5	86.2	2.2	73.5	2.2	83.5	2.2
10:30	1.1	113.0	1.4	128.0	1.5	111.7	1.9	108.6	1.7
10:45	1.5	115.3	1.3	140.4	1.5	128.4	1.5	119.6	1.1
11:00	1.4	101.7	.7	118.1	1.1	130.3	1.0	127.8	.6
11:15	1.1	95.9	.5	131.8	1.2	148.5	1.2	144.6	.9
11:30	1.0	97.8	1.2	84.1	.9	130.7	.8	137.2	.9
11:45	.8	101.2	1.1	65.4	.5	100.6	.5	142.4	.4
12:00	.5	108.8	.5	227.7	.6	184.3	.8	176.9	2.2
12:15	1.3	181.5	1.4	216.1	2.0	200.1	2.2	192.6	3.9
12:30	1.6	202.0	2.1	227.0	2.7	231.6	2.2	235.9	2.0

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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	22.0	10.4	13.0	11.2	8.8	14.3	36.6	15.5	39.2
00:15	27.4	10.6	15.9	12.5	7.9	13.8	34.3	16.0	37.0
00:30	27.8	10.3	13.6	13.2	.2	14.0	35.0	16.5	35.0
00:45	25.7	10.3	14.8	13.0	10.0	14.0	36.0	16.5	33.0
01:00	26.6	10.3	25.0	12.0	18.0	15.0	37.0	17.0	31.0
01:15	30.2	10.3	35.2	12.0	26.9	15.5	38.0	17.5	29.0
01:30	31.4	11.2	22.6	9.3	31.9	16.4	32.7	17.9	27.7
01:45	33.5	11.2	27.8	11.1	41.5	16.0	35.0	17.5	28.0
02:00	34.5	10.5	34.7	10.8	42.8	15.3	39.0	17.0	29.0
02:15	36.2	9.4	40.1	10.0	51.2	15.8	39.9	16.4	29.0
02:30	38.1	8.4	46.1	10.0	51.8				
02:45	41.8	8.1	48.4	9.3	58.6				
03:00	42.1	7.9	51.0	9.1	62.1				
03:15	41.3	7.3	54.0	8.2	65.0				
03:30	45.9	7.2	58.7	8.5	76.5				
03:45	48.1	6.8	59.4	6.6	66.0				
04:00	49.1	6.5	60.6	3.3	28.2				
04:15	50.4	6.7	67.6	6.0	50.0				
04:30	52.5	6.7	73.8	8.8	79.2				
04:45	63.4	6.9	73.7	9.0	77.5				
05:00	57.7	6.0	70.1	4.0	40.0				
05:15	40.8	4.9	57.4	1.1	4.0				
05:30	33.7	4.4	43.4						
05:45	33.7	5.1	50.9						
06:00	39.3	5.4	54.5						
06:15	41.4	6.1	59.1						
06:30	50.7	6.7	72.3						
06:45	61.6	5.8	76.9						
07:00	55.8	4.2	54.3						
07:15	50.4	4.3	54.1						
07:30	50.7	5.2	79.1						
07:45	58.6	6.7	80.2						
08:00	81.2	4.4	82.5						
08:15	92.0	2.4	85.2						
08:30	90.0	3.3	87.0						
08:45	87.1	4.3	89.9						
09:00	62.3	3.3	77.7						
09:15	50.3	3.8	65.2						
09:30	57.6	3.3	80.2	2.8	86.8				
09:45	62.5	2.6	91.2	2.7	88.7				
10:00	75.3	3.1	77.1	2.3	90.1				
10:15	83.0	2.3	73.3	1.5	93.2	1.8	221.6		
10:30	94.5	1.8	82.4	1.5	114.4	2.0	212.5		
10:45	93.4	1.2	84.2	.9	138.7	3.5	224.7		
11:00	102.0	.3	60.7	.7	227.5	4.0	221.0		
11:15	154.9	.5	144.3	1.1	214.5	4.3	219.9		
11:30	161.1	1.0	159.7	1.2	198.1	4.5	212.4	6.8	225.9
11:45	146.3	.9	189.9	2.2	193.6	5.3	207.8	8.8	221.6
12:00	178.5	2.5	185.0	6.2	193.5	9.3	198.7	11.9	215.6
12:15	187.8	3.8	185.8	7.7	190.1	10.0	195.4	12.0	206.0
12:30	254.7	3.4	250.1	7.5	202.4	10.1	201.7	12.0	206.0

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3/27/2019

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						
00:30						
00:45						
01:00						
01:15						
01:30						
01:45						
02:00						
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02:30						
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09:15						
09:30						
09:45						
10:00						
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45	10.9	224.9				
12:00	10.4	217.3				
12:15	10.6	215.0				
12:30	12.0	216.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	13.1	216.9				
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						
14:30						
14:45						
15:00						
15:15						
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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	11.4	218.0				
Max	13.1	224.9				
Hr. of Max	51	47				
Min	10.4	215.0				
Count	5	5	0	0	0	0
Total						