

Daily Summary Report

Site: ORNL Sodar

3/9/2019

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	.4	274.1	.7	49.4	1.8	61.5	3.1	69.0	4.4
00:15	.4	272.5	.6	69.9	2.0	63.5	3.1	71.1	4.5
00:30	.4	262.6	.8	75.1	2.0	61.6	2.8	67.3	4.7
00:45	.4	256.0	1.1	79.4	2.5	63.1	3.3	69.1	5.0
01:00	.3	258.9	.8	80.9	2.1	68.1	3.2	74.2	5.1
01:15	.2	265.9	.8	85.7	1.9	69.9	3.1	77.7	4.9
01:30	.1	285.4	1.0	79.0	2.1	71.2	2.9	76.9	4.7
01:45	.0	47.8	.8	65.1	1.9	78.9	2.7	80.6	4.5
02:00	.1	80.9	.7	69.9	1.5	79.5	2.3	84.1	4.2
02:15	.1	182.8	.9	71.7	1.5	70.5	2.3	81.9	4.2
02:30	.1	181.5	1.0	69.0	1.7	69.2	2.9	80.9	4.7
02:45	.1	222.4	1.1	73.4	1.8	67.7	3.0	79.2	4.7
03:00	.2	208.4	1.1	70.7	1.6	63.6	2.6	75.6	3.9
03:15	.2	164.8	1.0	64.7	1.3	55.9	1.9	64.7	3.3
03:30	.2	142.7	.7	56.7	1.5	64.1	2.2	68.8	3.1
03:45	.2	184.3	.4	54.6	1.6	77.3	2.8	76.8	2.6
04:00	.2	228.6	.3	69.0	1.1	71.3	2.7	78.1	1.5
04:15	.2	205.4	.6	74.7	1.3	69.1	2.9	80.1	1.6
04:30	.3	202.0	1.1	84.9	2.1	79.1	3.4	82.2	2.2
04:45	.3	213.0	1.4	84.4	2.4	77.8	3.9	78.1	2.6
05:00	.5	239.9	1.2	73.0	3.0	68.9	4.7	72.2	3.0
05:15	.4	237.8	1.0	62.9	2.5	69.0	4.1	71.9	2.9
05:30	.4	98.2	1.0	59.1	1.9	79.3	3.5	78.8	2.4
05:45	.6	89.9	.9	68.9	2.1	77.0	3.9	80.4	2.2
06:00	1.0	89.5	.8	73.6	2.6	72.4	3.9	78.1	2.4
06:15	.9	89.3	1.0	69.1	2.9	70.3	3.9	75.6	2.0
06:30	.2	103.6	.9	69.8	2.3	63.6	3.6	75.3	2.0
06:45	.1	194.7	.5	85.3	1.6	59.2	3.5	79.3	2.8
07:00	.0	159.7	.5	65.1	1.6	58.8	3.3	78.8	3.0
07:15	.3	85.6	.7	62.7	2.0	70.5	3.2	80.2	2.7
07:30	.2	88.5	.6	78.9	1.9	80.4	3.3	81.2	2.4
07:45	.2	124.9	.4	73.5	1.4	70.0	2.8	78.7	2.0
08:00	.5	104.1	.5	69.5	1.3	67.3	2.8	80.4	2.1
08:15	.5	92.1	.6	52.2	1.4	71.1	2.9	77.0	2.0
08:30	.3	90.6	.8	59.7	1.5	62.8	3.0	71.3	1.8
08:45	.4	108.3	.6	76.7	1.4	63.9	3.0	72.8	1.8
09:00	.3	106.9	.6	83.9	1.9	80.7	3.0	83.5	2.0
09:15	.2	103.6	.6	58.9	1.6	84.8	2.6	88.1	2.0
09:30	.1	184.9	.4	37.0	.7	100.6	1.8	90.1	1.9
09:45	.4	256.8	.3	67.7	.5	107.8	1.1	111.3	2.0
10:00	.6	263.4	.3	56.7	.2	97.5	.8	110.0	1.8
10:15	.6	260.1	.4	28.2	.1	72.6	.6	91.8	1.6
10:30	.5	253.5	.4	28.5	.2	31.7	.4	83.7	1.3
10:45	.4	253.6	.5	48.4	.2	21.6	.3	37.9	1.4
11:00	.2	218.3	.5	30.0	.1	148.9	1.0	135.0	1.9
11:15	.3	192.7	.7	11.9	.4	135.4	1.3	135.8	1.9
11:30	.3	236.7	.6	11.8	.5	108.9	1.3	104.1	1.7
11:45	.4	240.9	.4	358.9	.5	109.6	1.3	90.3	1.5
12:00	.6	221.5	.4	354.6	1.1	38.4			1.4
12:15	.6	215.0	.4	345.0					1.3
12:30	.5	210.0	.4	335.0					1.2

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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	77.7	4.3	81.2	3.3	126.1	4.9	164.5		
00:15	79.1	4.5	82.8	3.4	128.9	5.2	165.4		
00:30	78.7	5.1	80.4	3.2	123.4	5.5	163.7		
00:45	77.7	5.5	79.2	3.2	113.2	5.2	158.6		
01:00	80.2	5.2	83.4	3.2	117.5	4.9	159.1		
01:15	82.4	5.4	86.9	3.6	123.9	5.4	163.0		
01:30	81.4	5.5	88.7	3.7	131.2	5.6	171.2		
01:45	83.5	5.2	91.1	3.6	136.3	5.2	179.4		
02:00	84.3	5.1	91.9	3.6	136.7	5.5	180.7		
02:15	83.4	4.8	94.3	3.6	143.9	6.3	184.4		
02:30	84.8	4.2	97.1	4.3	151.4	6.9	182.7		
02:45	86.3	3.5	107.8	5.2	158.2	6.5	177.7		
03:00	87.3	2.6	121.7	5.3	167.4	5.7	180.2		
03:15	85.3	1.9	124.7	4.4	172.3	4.9	184.5		
03:30	86.9	1.9	129.6	4.2	176.5	2.8	198.2		
03:45	91.5	2.0	147.8	4.6	180.8	3.1	204.7		
04:00	98.6	1.9	166.0	4.5	189.7	3.2	227.0		
04:15	117.7	2.8	170.9	4.2	196.1	4.0	213.8	3.4	264.0
04:30	120.1	3.7	163.1	4.9	183.6	6.7	189.8		
04:45	106.1	3.5	149.0	5.2	177.4	7.5	183.3		
05:00	85.0	3.0	128.3	4.1	163.7	4.4	174.8		
05:15	77.2	2.3	120.6	3.5	161.9	3.0	180.6		
05:30	77.6	2.0	141.4	2.9	173.9	1.9	178.6		
05:45	87.6	2.4	147.0	1.7	166.6	1.9	190.0		
06:00	102.0	2.5	144.8	1.0	151.0	1.8	201.8		
06:15	100.2	2.1	146.4	2.5	174.8	3.1	195.2		
06:30	88.7	2.0	145.1	3.6	176.6	4.3	189.5		
06:45	84.5	2.2	133.6	4.2	170.1	5.5	184.0		
07:00	81.6	1.4	116.4	3.3	167.6	3.0	192.0		
07:15	83.7	1.0	99.6	2.1	166.4	1.8	210.0		
07:30	88.5	1.2	115.3	1.6	164.5	1.8	196.2	.6	304.5
07:45	83.3	1.2	134.1	2.4	175.0	3.7	187.2		
08:00	78.4	.8	134.5	3.8	180.6	6.0	191.5		
08:15	72.0	.8	122.8	4.3	183.8	6.7	191.2		
08:30	65.7	1.5	149.5	4.8	189.6	7.0	191.0		
08:45	82.9	2.6	165.7	5.4	192.7	7.0	191.0		
09:00	118.8	3.4	171.9	7.1	187.6	7.5	191.0		
09:15	133.3	3.3	173.8	7.9	187.9	7.5	191.0		
09:30	131.0	2.5	168.6	5.6	193.5	8.0	192.0		
09:45	135.1	2.2	165.4	4.3	195.9	8.5	192.0		
10:00	137.5	1.8	165.5	4.5	194.0	8.5	192.0		
10:15	138.7	2.0	166.0	5.0	194.0	9.0	192.0		
10:30	127.5	2.3	168.0	5.0	193.0	9.0	192.0		
10:45	125.8	2.5	169.0	5.5	192.0	9.5	192.0		
11:00	145.3	2.5	170.0	6.0	192.0	10.0	193.0		
11:15	151.0	2.8	171.0	6.0	191.0	10.0	193.0		
11:30	152.0	3.0	173.0	6.5	190.0	10.5	193.0		
11:45	155.0	3.3	174.0	6.5	189.0	11.0	193.0		
12:00	158.0	3.5	176.0	7.0	188.0	11.3	193.0		
12:15	161.0	3.8	178.0	7.0	188.0	11.3	194.0		
12:30	164.0	3.8	180.0	7.5	188.0	11.5	194.0		

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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						
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07:30						
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09:00						
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09:30						
09:45						
10:00						
10:15						
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	16.5	225.3	18.0	225.0		
13:45	16.5	223.9	16.9	228.7		
14:00						
14:15						
14:30						
14:45						
15:00						
15:15						
15:30						
15:45						
16:00						
16:15						
16:30						
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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	16.5	224.6	17.5	226.9		
Max	16.5	225.3	18.0	228.7		
Hr. of Max	55	54	54	55		
Min	16.5	223.9	16.9	225.0		
Count	2	2	2	2	0	0
Total						