

Daily Summary Report

Site: ORNL Sodar

1/22/2019

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	.7	60.6	1.6	65.3	3.6	67.8	4.6	74.0	4.9
00:15	.9	77.3	1.4	63.9	3.7	73.2	5.2	79.5	6.4
00:30	1.1	78.9	1.7	58.3	3.5	66.5	5.4	74.5	6.8
00:45	1.1	77.3	2.1	55.9	3.8	61.0	5.2	67.7	5.1
01:00	.7	63.5	1.9	41.1	3.6	52.2	4.5	61.0	3.8
01:15	.5	59.3	2.5	55.2	4.4	53.6	5.5	63.1	4.2
01:30	1.2	72.1	2.2	58.1	4.8	62.1	6.2	67.6	6.6
01:45	1.5	72.5	2.0	61.6	4.5	67.1	5.9	68.2	7.3
02:00	1.7	74.9	3.0	65.5	5.2	66.8	6.5	68.7	8.5
02:15	1.5	65.3	2.2	55.0	4.4	61.9	5.9	67.2	6.1
02:30	1.2	64.8	1.6	55.2	3.8	60.8	5.2	66.8	5.1
02:45	1.0	77.1	1.5	59.7	3.4	61.1	4.6	66.2	4.0
03:00	1.2	89.2	1.1	47.5	2.4	44.9	3.0	55.3	1.6
03:15	1.1	94.2	1.0	30.4	2.2	39.7	2.9	51.0	1.6
03:30	.9	93.6	.9	44.3	2.4	49.0	3.5	57.2	2.1
03:45	.9	97.3	.7	54.1	2.2	53.6	3.0	58.2	2.3
04:00	1.2	97.4	.9	60.2	2.7	64.2	3.4	62.3	2.9
04:15	2.0	96.0	1.2	71.4	3.2	67.0	4.0	64.6	3.7
04:30	1.6	99.2	1.1	72.3	3.3	66.8	3.9	68.0	4.2
04:45	1.5	93.9	.9	75.0	3.3	69.7	3.4	69.7	5.1
05:00	1.3	100.3	.9	70.0	2.7	69.7	3.0	71.7	5.1
05:15	1.2	100.3	1.0	68.7	2.7	70.0	3.1	72.1	4.2
05:30	1.0	85.2	1.1	71.5	2.7	66.7	2.8	66.2	3.1
05:45	.4	69.2	.9	68.2	2.2	56.8	2.1	54.2	2.5
06:00	.8	36.2	.5	59.3	1.8	57.4	1.8	48.6	2.4
06:15	2.0	15.7	.5	79.1	2.0	66.6	1.8	61.8	1.8
06:30	1.1	15.0	.6	91.1	1.8	67.9	1.3	74.9	1.5
06:45	.3	172.1	.6	82.3	1.4	64.9	1.0	76.3	1.5
07:00	.4	354.9	.5	80.0	.9	69.8	.5	72.3	1.3
07:15	.7	179.5	.5	79.4	.6	70.4	.3	49.0	1.0
07:30	1.2	174.5	.2	92.8	.6	59.2	.7	55.1	1.0
07:45	.1	304.6	.1	74.3	.5	65.0	.8	66.6	.8
08:00	.3	329.7	.2	84.4	.3	50.1	.6	72.0	.6
08:15	.4	330.0	.2	79.2	.4	33.9	.5	62.7	.5
08:30	.2	31.1	.2	10.3	.5	54.8	.6	72.2	.5
08:45	.3	127.7	.1	31.6	.5	58.3	.5	72.2	.8
09:00	.3	118.3	.2	102.5	.7	62.9	.5	71.2	.9
09:15	.2	55.6	.2	114.8	1.0	66.7	.7	63.8	.7
09:30	.1	63.6	.1	74.8	.9	56.8	.7	48.3	.6
09:45	.2	151.8	.1	67.0	.7	40.8	.6	23.2	1.1
10:00	.3	157.4	.4	150.3	.5	47.2	.3	344.4	1.5
10:15	.2	161.6	.7	141.5	.1	68.7	.4	262.4	1.7
10:30	.4	207.3	.8	143.0	.1	216.6	.7	231.3	2.3
10:45	.3	222.6	.5	154.4	.1	233.7	.6	231.3	1.9
11:00	.1	258.9	.5	359.7	.2	291.8	.4	190.7	1.2
11:15	.4	188.4	.4	337.5	.4	257.5	.8	207.8	.8
11:30	.7	149.8	.4	251.2	.8	236.0	1.1	233.8	.5
11:45	.6	163.5	.3	265.2	.9	223.5	.9	227.5	.4
12:00	.6	237.1	.2	256.6	.6	218.9	.6	210.4	.7
12:15	.4	280.1	.2	264.7	.5	202.1	.7	193.8	1.0
12:30	.1	260.9	.2	227.4	.8	215.7	.9	216.4	1.5

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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	74.3	8.0	78.3	8.4	82.3	5.6	99.1	6.1	137.0
00:15	80.7	8.9	81.9	8.7	84.9	5.8	101.7	6.1	141.6
00:30	79.3	9.5	82.1	9.7	83.3	6.3	102.7	6.5	137.4
00:45	74.4	8.0	80.6	9.5	83.2	6.1	107.8	6.8	137.9
01:00	65.5	6.8	76.7	9.1	81.5	5.9	103.4	6.8	140.7
01:15	62.3	7.5	75.5	9.3	80.3	6.1	102.3	7.0	139.2
01:30	71.6	8.3	75.0	9.6	82.7	6.2	109.3	8.3	140.6
01:45	73.4	8.7	76.2	9.2	83.7	5.8	116.4	8.7	144.7
02:00	74.2	9.5	77.2	8.5	83.6	6.0	120.6	9.0	150.8
02:15	70.9	9.2	78.5	7.5	86.0	6.3	130.1	10.1	157.2
02:30	74.2	7.8	76.8	6.9	88.8	5.9	138.6	9.9	158.1
02:45	75.1	6.5	75.4	6.6	88.9	5.1	138.4	9.7	160.1
03:00	69.0	5.2	78.0	6.5	89.6	4.7	141.2	10.4	164.8
03:15	61.0	4.8	78.4	6.4	89.8	4.6	146.8	10.2	169.7
03:30	68.6	5.5	79.3	5.8	93.7	5.4	147.8	10.6	166.4
03:45	78.4	6.2	80.6	4.9	96.7	5.9	155.1	11.9	160.4
04:00	82.3	6.9	82.7	4.4	104.4	6.8	161.0	12.0	158.7
04:15	82.1	6.3	85.3	4.0	120.2	7.4	160.9	11.7	166.1
04:30	81.6	5.5	89.7	4.0	133.0	8.5	163.4	13.4	172.0
04:45	84.1	5.8	95.9	4.7	139.9	9.4	165.6	13.0	170.0
05:00	85.1	5.7	101.4	5.5	150.3	9.8	175.6	13.0	168.0
05:15	88.2	4.8	111.1	5.7	159.5	9.3	185.5	12.5	166.0
05:30	88.6	4.0	111.1	5.5	167.0	8.8	190.3	12.5	164.0
05:45	84.9	3.4	106.2	5.3	178.2	9.5	190.6	12.0	162.0
06:00	89.3	2.3	120.7	5.5	185.4	9.5	190.0	11.9	160.6
06:15	97.4	1.7	154.3	6.2	195.6	10.0	188.0	12.0	162.4
06:30	107.9	2.3	174.2	6.0	200.1	11.2	185.8	11.5	164.4
06:45	123.6	3.2	186.0	7.5	191.7	10.7	186.2	11.5	166.4
07:00	140.9	3.0	192.4	8.1	194.6	10.2	178.0	11.5	168.4
07:15	150.4	2.9	194.5	6.2	201.3	10.6	184.0	11.5	170.4
07:30	151.1	3.0	196.1	7.7	203.2	11.0	189.0	11.5	172.4
07:45	150.7	2.9	200.6	8.0	204.1	11.0	193.0	11.5	174.4
08:00	154.8	3.0	203.8	7.3	195.6	11.0	196.0	11.5	176.4
08:15	200.5	3.0	209.4	8.3	196.8	11.0	199.0	11.5	178.4
08:30	226.2	2.7	214.6	8.7	206.8	11.0	202.0	11.5	180.4
08:45	218.1	3.3	215.4	7.8	207.0	11.0	204.0	11.5	182.4
09:00	217.9	3.7	216.7	8.4	205.3	11.0	206.0	11.5	184.4
09:15	225.6	3.1	219.6	7.5	202.3	11.4	208.0	11.5	186.4
09:30	231.9	2.9	222.8	6.7	206.1	11.4	210.0	11.5	188.4
09:45	235.6	3.0	227.7	6.7	215.8	12.0	212.0	11.5	190.4
10:00	237.3	3.4	229.1	7.0	215.4	12.0	214.0	11.5	192.4
10:15	234.9	3.7	219.9	7.9	208.5	12.5	216.0	11.5	194.4
10:30	226.2	4.3	213.5	8.1	206.7	12.5	218.0	11.5	196.4
10:45	218.1	4.3	212.5	8.0	207.4	12.8	221.2	11.5	198.4
11:00	189.7	3.0	208.0	6.3	204.0	10.1	218.4	11.5	200.4
11:15	193.0	1.0	218.8	4.0	192.6	7.6	211.2	11.2	218.8
11:30	285.9	.5	324.7	2.2	196.5	6.1	198.5	9.3	204.6
11:45	257.7	.5	265.4	2.7	194.4	6.4	192.8	8.1	190.9
12:00	199.1	.7	199.7	3.2	188.5	4.5	197.7	8.2	190.0
12:15	206.3	.9	189.6	2.2	196.0	2.5	205.1	8.3	190.0
12:30	216.0	1.3	208.0	2.0	200.9	3.5	208.4	8.3	190.0

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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						
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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						
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19:00						
19:15						
19:30						
19:45						
20:00						
20:15						
20:30						
20:45	21.4	180.8				
21:00	19.9	185.5				
21:15	18.7	189.1				
21:30	19.3	185.4				
21:45	20.8	180.4				
22:00	20.0	180.0				
22:15	19.4	183.5				
22:30	20.7	182.5				
22:45	21.0	181.0				
23:00	22.0	179.0				
23:15	22.3	178.4				
23:30	20.5	180.4				
23:45	20.5	181.0				
Avg	20.5	182.1				
Max	22.3	189.1				
Hr. of Max	93	85				
Min	18.7	178.4				
Count	13	13	0	0	0	0
Total						