

Daily Summary Report

Site: ORNL Sodar

3/24/2019

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	.0	113.8	.2	300.7	.2	94.1	.8	100.9	.9
00:15	.2	87.1	.2	337.2	.2	98.4	.9	107.0	.9
00:30	.3	149.9	.1	11.6	.2	100.8	.8	114.3	1.2
00:45	.2	220.1	.1	32.6	.4	88.2	.8	105.1	1.6
01:00	.1	292.1	.3	346.1	.4	66.3	.7	93.9	1.2
01:15	.1	122.9	.1	323.3	.2	49.2	.4	87.2	1.1
01:30	.1	341.0	.1	89.5	.3	85.2	.6	94.5	1.4
01:45	.3	20.3	.3	69.1	.2	85.4	.7	97.1	1.2
02:00	.6	55.3	.6	69.3	.3	69.7	.9	99.5	1.2
02:15	1.0	69.0	.9	73.4	.6	77.3	1.4	98.7	1.4
02:30	1.4	62.0	1.5	68.3	.8	74.5	1.4	96.3	1.4
02:45	1.4	58.2	2.0	56.7	.8	63.1	1.1	85.2	1.2
03:00	1.1	78.0	1.9	59.0	1.2	62.3	1.2	78.3	1.3
03:15	.8	77.2	1.6	69.6	1.4	62.5	1.4	84.3	1.2
03:30	.5	56.9	1.4	79.1	1.3	61.1	1.1	82.6	1.0
03:45	.2	72.7	1.1	86.8	1.3	62.3	.8	78.6	.6
04:00	.1	44.3	.7	88.7	1.0	51.4	.5	63.6	.4
04:15	.1	42.9	.5	76.8	.8	30.7	.5	34.2	.2
04:30	.2	73.5	.5	81.8	.7	36.5	.4	45.5	.1
04:45	.1	39.2	.5	99.2	.6	64.1	.3	80.3	.1
05:00	.1	293.3	.5	124.8	.5	76.2	.2	56.8	.1
05:15	.1	253.5	.7	120.8	.4	103.0	.1	61.0	.2
05:30	.0	119.3	.9	87.5	.3	131.9	.1	13.9	.4
05:45	.3	72.9	1.0	77.1	.3	91.2	.2	68.2	.4
06:00	.4	68.0	.9	71.2	.6	89.4	.4	96.3	.3
06:15	.5	54.2	.8	57.5	.7	78.9	.3	79.3	.3
06:30	.7	51.5	1.1	52.6	1.2	78.9	.5	72.8	.4
06:45	1.0	64.0	1.6	46.8	1.5	77.9	.7	89.2	.5
07:00	1.6	69.2	1.4	36.5	1.5	69.6	.6	81.4	.5
07:15	1.7	70.8	1.3	42.7	1.4	69.1	.8	80.6	.2
07:30	1.3	70.3	1.1	55.3	1.4	68.8	.8	80.5	.1
07:45	.8	72.7	1.4	69.1	1.6	72.1	1.3	79.8	.4
08:00	.8	76.6	2.0	77.1	2.0	82.7	1.8	88.5	.6
08:15	.7	58.5	2.0	79.3	2.2	88.9	1.9	95.0	.8
08:30	.6	48.9	1.6	74.6	2.4	94.2	2.6	97.8	1.3
08:45	.9	77.3	1.6	59.5	2.5	91.4	3.0	99.9	1.6
09:00	1.0	84.3	1.9	53.6	2.2	84.9	3.1	99.3	2.2
09:15	1.1	76.0	1.5	55.1	1.9	85.4	3.0	99.8	2.4
09:30	1.3	74.1	1.3	67.0	1.9	85.4	3.0	98.8	2.1
09:45	1.1	65.6	1.7	66.5	2.2	81.9	3.3	95.8	2.2
10:00	.9	54.5	1.9	55.0	2.2	69.2	3.0	87.7	2.4
10:15	.9	49.5	1.4	54.9	1.8	70.9	2.7	90.2	2.1
10:30	.5	61.0	.7	77.4	1.2	101.9	2.2	110.2	1.3
10:45	.3	70.3	.6	19.3	.7	96.3	1.3	126.4	1.0
11:00	.7	69.9	.8	48.3	.8	83.6	.9	123.9	1.0
11:15	.2	126.5	.7	126.3	.6	164.2	.6	176.8	1.1
11:30	.3	193.6	.8	199.7	.8	215.0	.7	228.4	1.5
11:45	.5	150.4	.7	213.4	.6	210.6	.6	229.5	1.6
12:00	.8	234.0	1.1	210.9	1.0	218.1	1.2	219.8	1.7
12:15	1.4	245.5	1.6	232.3	1.6	228.7	1.5	224.1	1.9
12:30	2.0	254.2	2.5	250.5	2.3	233.8	2.2	233.9	2.4

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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	91.2	.2	13.7						
00:15	108.0	.2	53.2						
00:30	116.9	.2	182.6	.2	92.6				
00:45	109.5	.3	221.9	.3	64.0	.5	74.8		
01:00	108.5	.3	175.8	.3	52.6	.4	320.0		
01:15	110.2	.4	147.2	.3	45.0	.6	23.8		
01:30	110.8	.4	142.2	.4	39.4				
01:45	108.4	.3	123.6	.6	349.0				
02:00	114.3	.1	279.5	.5	344.3				
02:15	112.4	.4	201.6	.7	26.7				
02:30	100.2	.4	177.3	.4	69.1				
02:45	97.4	.4	157.1	.3	15.0				
03:00	95.6	.6	144.4	.2	336.4				
03:15	100.6	.6	156.1	.3	50.0				
03:30	106.7	.3	161.0	.5	109.4				
03:45	107.9	.3	130.1	.2	27.6				
04:00	102.0	.4	129.1	.1	330.3	.3	234.8	1.2	96.5
04:15	97.4	.2	118.4	.2	79.0	.9	34.6	2.4	83.3
04:30	112.9	.1	66.4	.7	140.9	.9	41.9	2.5	76.4
04:45	112.5	.2	120.3	.7	173.9	1.2	281.4	.4	153.3
05:00	179.6	.3	193.5	.2	130.8	1.2	239.7	1.0	185.0
05:15	198.8	.6	202.3	.6	168.4	1.4	230.4	1.2	233.2
05:30	173.8	1.1	187.3	2.3	187.1	1.9	195.5	2.2	208.4
05:45	154.5	1.6	178.0	2.8	193.0	1.1	197.5	1.6	238.3
06:00	107.7	1.5	179.8	.9	216.3	2.3	263.0		
06:15	109.8	1.1	180.0	.7	223.3				
06:30	109.3	.8	165.4	2.0	204.1				
06:45	92.4	.7	167.9	2.1	198.2				
07:00	91.3	.5	165.4	2.0	202.7				
07:15	95.5	.5	180.2	2.6	214.9	1.9	176.6		
07:30	99.7	.4	202.9	2.7	225.9	1.2	269.7		
07:45	100.9	.5	213.1	3.0	222.3	1.0	275.0		
08:00	89.8	.7	191.3	4.5	209.1	1.0	280.0		
08:15	105.3	1.1	183.7	5.0	208.3	1.0	285.0	.3	17.3
08:30	118.9	1.4	183.5	5.0	208.8	1.5	270.4	1.1	343.9
08:45	117.3	1.7	181.0	6.2	200.4	4.0	250.0		
09:00	113.5	1.6	169.4	6.0	198.9	8.0	225.0		
09:15	115.6	1.2	162.4	5.4	202.8	12.6	201.3		
09:30	118.3	1.2	180.5	5.6	206.0	12.5	208.7		
09:45	118.1	1.3	183.7	5.7	205.1	11.1	206.0		
10:00	110.9	1.1	185.3	5.6	207.5	9.0	206.9	12.7	213.1
10:15	112.3	1.1	195.1	5.7	209.8	8.8	208.8	13.0	217.0
10:30	144.7	1.3	203.7	5.8	212.1	9.6	206.6	13.5	222.6
10:45	178.3	1.5	212.7	6.2	215.0	9.8	203.9	13.0	218.5
11:00	173.8	1.7	211.9	6.3	215.4	10.1	205.8	13.8	223.6
11:15	195.9	2.2	212.5	6.5	215.3	10.4	204.6	14.4	224.8
11:30	214.6	2.6	220.2	6.3	213.9	10.7	200.6	13.2	224.8
11:45	212.0	2.5	220.8	5.5	207.8	10.0	200.8	12.9	220.3
12:00	210.1	2.5	209.9	5.2	197.6	8.6	199.8	12.0	208.7
12:15	209.6	2.7	199.9	5.2	195.7	7.7	200.0	11.6	209.5
12:30	222.9	3.0	211.4	5.4	207.5	7.7	207.7	10.6	213.6

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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						
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08:00						
08:15						
08:30						
08:45						
09:00						
09:15						
09:30						
09:45						
10:00	12.3	222.3				
10:15	12.5	222.0				
10:30	12.5	222.0				
10:45	13.0	222.0				
11:00	13.0	222.0				
11:15	13.6	221.4	14.1	224.7	15.1	224.8
11:30	14.9	220.0	14.7	223.5	16.6	228.3
11:45	14.0	218.0	14.4	221.6	15.8	228.4
12:00	13.4	220.1	14.2	220.5	15.9	227.1
12:15	13.7	217.8	14.3	224.0	15.9	226.0
12:30	13.9	212.9				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	12.6	212.2	13.1	224.0		
13:00	9.2	220.7				
13:15	8.9	224.3	10.4	232.1		
13:30	9.5	230.5				
13:45						
14:00						
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22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	12.5	220.5	13.6	224.3	15.9	226.9
Max	14.9	230.5	14.7	232.1	16.6	228.4
Hr. of Max	46	54	46	53	46	47
Min	8.9	212.2	10.4	220.5	15.1	224.8
Count	15	15	7	7	5	5
Total						