

Daily Summary Report

Site: ORNL Sodar

10/14/2018

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	.2	320.4	1.5	64.0	2.5	51.8	1.3	45.6	.7
00:15	.4	277.1	1.0	54.6	2.2	31.9	1.5	26.9	.6
00:30	.5	313.1	.9	25.8	2.2	19.4	1.9	26.2	.9
00:45	.4	299.7	.8	30.4	2.0	34.2	1.8	36.8	.9
01:00	.3	235.7	1.0	74.7	2.0	57.2	1.5	48.3	.8
01:15	.1	193.4	1.2	82.8	1.9	54.5	1.0	46.7	.8
01:30	.2	144.5	1.0	73.7	1.9	41.7	.8	36.9	1.0
01:45	.3	142.0	1.1	67.9	2.0	45.8	.9	41.0	.9
02:00	.3	169.9	1.1	68.4	1.7	53.3	.7	53.5	.5
02:15	.4	175.2	1.0	62.8	1.7	59.5	1.2	51.5	.5
02:30	.4	156.2	1.0	63.7	2.2	64.3	1.8	49.9	.4
02:45	.2	146.4	1.4	83.1	2.7	73.3	2.3	64.5	.4
03:00	.4	110.1	1.6	90.9	3.1	76.1	3.4	72.2	1.2
03:15	.5	106.3	1.4	87.0	3.0	73.9	3.7	75.1	1.6
03:30	.3	117.2	1.2	84.1	2.3	75.9	3.0	77.2	1.0
03:45	.3	95.4	1.4	77.6	2.0	77.0	2.9	79.5	.7
04:00	.5	90.0	2.3	72.3	2.8	72.8	3.2	77.5	.9
04:15	.9	86.4	2.9	70.4	3.7	73.9	3.8	81.3	1.6
04:30	.9	83.3	2.6	73.0	3.2	77.6	4.2	85.5	2.9
04:45	1.3	85.1	2.0	77.5	2.9	80.9	4.6	85.5	3.3
05:00	1.4	90.8	2.0	74.2	3.0	78.7	4.6	84.9	3.3
05:15	1.0	94.9	1.9	66.3	2.8	78.8	3.8	85.8	3.7
05:30	1.0	101.9	2.2	64.6	3.1	72.0	3.8	82.2	4.5
05:45	.7	62.9	2.4	66.5	3.6	63.7	4.2	75.8	5.0
06:00	.6	94.9	1.9	63.1	3.2	56.9	3.6	73.8	4.3
06:15	.9	97.0	1.5	55.8	2.8	54.8	3.1	69.4	4.0
06:30	.5	80.5	1.6	60.0	2.4	58.5	3.2	64.8	4.1
06:45	.5	65.8	1.9	73.8	2.6	62.7	3.8	63.3	4.6
07:00	.6	69.0	2.2	79.9	3.3	66.7	4.3	65.5	4.8
07:15	.1	36.1	2.0	74.8	3.0	65.2	3.8	67.2	4.2
07:30	.1	100.9	1.5	59.2	2.4	57.5	3.0	60.7	4.1
07:45	.3	86.0	1.4	60.0	2.4	59.1	3.2	56.9	4.2
08:00	.6	83.2	1.2	67.1	2.5	65.6	3.8	56.2	4.6
08:15	.4	84.3	1.1	79.5	2.9	62.2	4.1	61.8	4.8
08:30	.9	88.6	1.6	81.6	3.0	60.5	4.2	64.0	4.9
08:45	1.3	90.8	1.6	70.0	2.9	58.3	3.9	58.6	4.6
09:00	.7	99.8	1.6	61.4	2.8	53.0	3.8	58.1	4.4
09:15	.5	109.1	1.4	76.1	2.7	57.5	4.1	60.9	4.7
09:30	.4	109.8	1.3	89.9	2.3	59.8	3.9	59.6	4.5
09:45	.4	117.6	1.5	88.1	1.9	58.8	3.3	59.5	4.0
10:00	.7	112.2	1.5	85.9	1.5	75.0	2.7	67.9	3.9
10:15	.6	91.4	1.2	82.0	1.5	77.2	2.4	78.2	4.0
10:30	.3	59.6	1.5	84.8	2.0	61.8	2.6	70.5	3.9
10:45	.3	81.3	1.7	81.5	1.9	67.0	2.8	59.4	3.6
11:00	.9	97.4	1.6	80.5	1.6	74.2	2.3	60.4	3.0
11:15	.5	109.3	1.3	89.1	1.5	64.2	2.1	60.1	2.7
11:30	.4	101.1	.9	76.7	1.2	62.4	2.1	60.9	2.7
11:45	1.0	82.6	.7	53.5	.8	56.8	1.6	60.3	2.1
12:00	.2	48.6	1.1	63.4	1.2	65.6	1.8	77.2	2.0
12:15	.3	105.4	1.4	75.8	1.3	93.5	1.9	91.2	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	71.7	.4	108.0	.3	156.9	.3	75.5	3.4	183.8
00:15	57.3	.3	70.1	.2	230.5	.5	330.0	2.3	188.8
00:30	46.3	.3	38.1	.2	276.0	.2	112.2	1.0	293.2
00:45	46.0	.3	56.3	.1	238.4	.5	96.9	1.2	280.4
01:00	70.5	.3	62.8	.5	151.0	.4	338.4	1.9	233.2
01:15	72.6	.2	92.0	.3	119.1	.6	227.3	2.6	244.5
01:30	64.7	.3	89.6	.2	316.6	.8	221.2	3.3	249.7
01:45	70.2	.4	79.3	.2	149.6	1.0	232.0	3.9	241.9
02:00	66.3	.2	55.6	.4	159.4	1.8	239.3	5.2	227.4
02:15	76.9	.4	53.2	.3	208.4	2.0	241.0	5.6	223.9
02:30	91.3	.4	50.8	.6	59.9	1.7	237.6	3.2	233.6
02:45	96.5	.4	87.7	1.3	139.8	2.8	208.3	5.0	218.0
03:00	94.6	1.3	95.5	2.2	157.6	3.5	205.3	7.5	201.2
03:15	91.8	1.4	100.3	2.0	157.1	3.2	205.9	8.2	200.6
03:30	92.6	1.0	115.2	1.0	153.4	3.3	208.6	9.2	199.2
03:45	110.1	1.3	109.1	2.1	175.2	4.6	207.0	9.4	199.0
04:00	110.4	1.5	110.0	2.6	182.2	5.5	193.6	9.2	193.8
04:15	96.1	2.0	114.5	3.4	168.6	6.4	185.7	10.0	190.1
04:30	96.1	3.1	116.0	4.0	160.0	7.0	185.2	10.6	190.1
04:45	100.0	3.5	119.4	4.1	162.7	7.9	183.3	11.3	187.5
05:00	99.3	3.3	123.6	4.1	167.0	8.1	181.7	12.1	182.7
05:15	95.1	2.9	117.4	4.0	161.8	7.5	177.8	9.7	181.1
05:30	92.9	2.8	108.4	3.7	146.5	6.7	166.2	7.5	182.2
05:45	90.9	2.7	102.9	3.3	133.6	5.8	160.7	8.3	182.9
06:00	86.8	2.6	93.1	3.1	129.7	5.0	157.3	8.5	178.0
06:15	86.5	2.5	99.9	3.1	144.8	5.4	160.8	8.4	173.0
06:30	81.6	2.7	98.9	3.3	152.0	6.1	164.7	10.8	173.0
06:45	77.2	3.6	92.1	2.8	136.5	5.5	160.1	9.0	169.0
07:00	81.9	3.6	93.1	2.9	120.7	5.1	153.1	7.8	165.5
07:15	79.9	3.5	92.1	3.2	128.8	5.4	158.9	8.1	170.8
07:30	70.5	4.2	89.1	3.5	131.5	5.8	160.1	7.8	181.6
07:45	68.2	4.4	91.2	3.5	134.2	6.2	162.0	8.3	187.2
08:00	74.0	4.5	94.1	3.1	144.5	6.8	166.6	10.4	194.2
08:15	83.5	4.6	92.5	3.9	145.9	7.2	172.3	9.5	191.6
08:30	81.3	4.4	93.8	4.9	146.9	7.3	176.5	9.4	189.6
08:45	75.2	4.1	94.4	4.7	147.7	7.3	176.2	9.7	189.4
09:00	74.2	3.9	91.1	5.0	149.4	7.7	181.6	9.0	186.0
09:15	76.5	4.0	94.5	5.3	155.4	8.5	181.4	9.7	180.1
09:30	77.5	4.1	104.7	5.4	159.5	8.3	179.0	9.5	186.4
09:45	74.6	3.9	110.9	5.7	161.5	9.0	180.9	10.2	190.7
10:00	72.8	4.0	113.0	6.2	163.0	9.7	184.7	11.0	191.5
10:15	77.7	4.2	110.6	6.2	163.6	8.6	186.8	11.4	192.3
10:30	84.7	4.0	116.0	6.3	164.8	8.9	185.2	11.4	193.4
10:45	84.4	3.9	117.3	6.6	163.0	10.0	179.2	12.1	192.3
11:00	78.0	3.5	115.1	6.2	164.2	10.5	181.9	12.5	192.3
11:15	84.3	3.4	121.2	6.0	167.2	9.9	186.3	12.4	196.7
11:30	84.6	3.3	117.9	5.7	165.4	10.7	187.0	12.7	200.0
11:45	73.5	2.5	108.6	5.1	171.6	11.8	189.7	12.6	198.0
12:00	85.7	2.1	124.9	5.0	180.9	11.5	194.4	12.5	200.0
12:15	118.1	3.3	146.5	5.9	181.2	10.8	191.2	12.3	203.8

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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	4.8	200.8				
00:15	3.6	221.3				
00:30	3.8	225.0				
00:45	3.8	230.0				
01:00	3.8	235.0				
01:15	4.0	240.0				
01:30	4.0	245.0				
01:45	4.1	249.7				
02:00						
02:15						
02:30						
02:45						
03:00						
03:15						
03:30						
03:45						
04:00						
04:15						
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04:45						
05:00						
05:15						
05:30						
05:45						
06:00						
06:15						
06:30						
06:45						
07:00						
07:15	11.0	187.6	12.8	188.3		
07:30	10.8	192.1	13.0	190.0		
07:45	10.3	195.7	13.0	192.0		
08:00	10.4	203.4	13.3	194.0		
08:15	12.6	197.1	13.5	196.0		
08:30	13.4	192.1	13.8	198.0		
08:45	12.4	194.4	14.0	200.0		
09:00	12.4	195.6	14.0	202.0		
09:15	12.5	189.8	14.5	204.0		
09:30	13.1	190.0	14.5	207.0		
09:45	12.8	196.6	15.0	209.0		
10:00	12.8	202.6	15.0	211.0		
10:15	13.0	204.0	15.5	213.0		
10:30	14.0	207.0	15.5	216.0		
10:45	14.5	210.8	16.0	219.0		
11:00	15.3	217.9	16.2	222.6	16.5	219.6
11:15	14.2	214.6	15.3	220.9	16.0	222.6
11:30	15.0	215.0	15.5	220.0	16.3	223.0
11:45	15.0	215.0	15.5	220.0	16.5	223.0
12:00	16.0	216.0	16.0	220.0	16.8	224.0
12:15	16.0	216.0	16.0	220.0	17.0	225.0

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	16.3	217.0	16.1	220.0	17.3	226.0
12:45	15.1	220.3	16.4	219.5	17.4	227.1
13:00	14.5	215.0	16.5	225.7	15.2	226.3
13:15						
13:30						
13:45						
14:00						
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22:45						
23:00						
23:15						
23:30						
23:45						
Avg	11.1	211.0	14.9	209.5	16.6	224.1
Max	16.3	249.7	16.5	225.7	17.4	227.1
Hr. of Max	50	07	52	52	51	51
Min	3.6	187.6	12.8	188.3	15.2	219.6
Count	32	32	24	24	9	9
Total						