

Daily Summary Report

Site: ORNL Sodar

5/21/2017

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	2.0	242.0	1.8	266.1	2.5	255.7	3.7	252.3	5.2
00:15	.2	233.6	.9	244.5	2.0	241.7	3.0	243.3	4.2
00:30	.6	196.2	1.3	216.1	2.3	215.1	2.9	222.6	3.4
00:45	2.0	180.7	2.9	187.6	3.7	188.4	4.5	192.9	3.9
01:00	2.3	174.2	3.5	175.8	4.4	173.0	5.3	173.3	5.7
01:15	2.3	173.8	2.8	172.1	4.4	166.8	5.8	166.2	7.3
01:30	2.1	173.8	3.1	177.2	4.5	170.4	6.1	170.1	7.7
01:45	1.4	176.1	2.6	186.4	3.8	176.6	5.2	175.9	7.0
02:00	.9	187.6	2.1	187.8	3.1	178.3	4.4	179.0	6.5
02:15	.6	175.3	1.3	168.3	2.4	166.9	3.6	172.0	5.2
02:30	.2	141.7	.5	116.6	1.3	149.8	2.2	160.2	3.7
02:45	.2	144.5	.2	.6	.7	172.2	1.7	177.0	3.6
03:00	.4	165.2	.5	253.6	1.5	217.4	2.6	204.6	4.7
03:15	.8	207.3	1.3	227.7	2.5	219.6	3.9	213.3	6.0
03:30	1.2	227.7	1.8	231.0	3.3	219.9	4.9	216.6	6.8
03:45	1.4	220.0	2.2	229.9	3.9	221.5	5.4	216.8	7.1
04:00	1.5	213.0	2.8	222.6	4.2	221.2	5.4	218.0	7.3
04:15	1.3	214.1	2.7	225.4	4.1	222.4	5.1	221.0	6.9
04:30	1.0	198.4	2.3	226.5	3.7	221.6	4.8	218.5	7.0
04:45	1.1	133.9	1.8	221.9	3.3	217.8	4.7	216.5	6.9
05:00	.7	126.2	1.3	201.1	2.9	211.0	4.2	210.2	5.5
05:15	.8	149.4	1.5	173.9	3.1	191.1	4.3	187.8	5.7
05:30	.5	148.0	.7	167.3	2.2	179.4	3.3	179.2	5.0
05:45	.2	53.9	.6	352.5	.2	207.4	.9	190.5	2.7
06:00	.2	62.2	1.1	331.7	.4	321.8	.1	283.6	1.1
06:15	.2	94.5	1.3	342.4	.6	329.9	.1	320.3	.9
06:30	.2	154.2	.9	358.0	.9	357.2	.4	9.6	.8
06:45	.3	195.7	.7	6.4	1.1	8.0	.7	5.8	.1
07:00	.2	219.1	.8	28.6	1.1	23.9	.7	13.3	.4
07:15	.0	77.1	1.1	56.6	1.4	44.4	1.0	38.9	.6
07:30	.4	89.8	1.7	70.4	2.1	62.4	1.9	55.8	1.1
07:45	.7	95.1	1.6	75.4	2.1	69.0	2.5	63.6	1.8
08:00	.8	99.1	1.0	56.8	1.9	71.8	2.8	72.4	2.3
08:15	.7	105.3	1.6	54.8	2.7	69.4	3.2	68.2	2.5
08:30	.4	121.8	2.2	60.0	3.2	67.6	3.3	64.7	2.1
08:45	.4	106.4	1.4	53.2	2.5	66.4	3.0	68.6	1.9
09:00	.8	85.4	.5	25.5	1.8	69.1	2.7	70.2	2.0
09:15	.9	78.0	.6	55.4	2.1	77.5	3.0	76.0	2.4
09:30	.7	68.8	.7	74.9	2.2	86.2	2.9	80.8	2.5
09:45	.7	76.0	.5	49.2	1.7	87.3	2.4	82.0	2.3
10:00	.6	83.8	.7	62.9	1.6	86.0	2.4	87.7	2.7
10:15	.5	86.7	1.0	91.6	1.8	99.6	2.8	103.5	3.0
10:30	.4	83.6	1.0	87.4	1.9	101.3	2.5	110.8	2.9
10:45	.4	99.7	.5	78.9	1.3	101.1	2.0	112.2	2.3
11:00	.3	109.7	.1	186.3	.9	137.9	1.7	134.4	1.5
11:15	.2	75.2	.3	114.9	1.1	138.7	1.5	152.8	1.3
11:30	.3	108.7	.4	96.6	1.0	134.7	1.3	150.5	1.3
11:45	.6	123.7	.2	115.0	.7	158.3	1.2	163.2	1.5
12:00	.7	121.6	.2	127.4	.5	157.0	.8	176.1	.9
12:15	.7	120.1	1.1	95.1	1.0	118.4	1.0	135.3	.9

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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	254.1	7.5	254.9	11.8	246.6	13.7	224.0	14.1	226.5
00:15	251.8	6.3	254.5	9.8	246.3	13.7	222.2	14.4	225.2
00:30	243.3	4.7	244.7	8.5	248.5	11.0	230.0	15.7	224.1
00:45	207.3	4.3	213.9	8.6	232.8	12.0	222.0	14.3	225.8
01:00	181.2	5.5	189.1	5.4	200.5	10.6	208.4	12.1	216.0
01:15	173.3	7.6	179.7	6.1	189.7	7.9	197.9	11.2	209.0
01:30	174.4	9.1	178.6	7.7	183.5	7.7	189.9	11.5	202.0
01:45	177.5	8.9	179.7	8.8	183.1	9.9	189.7	11.1	207.0
02:00	180.5	8.6	182.2	8.8	189.3	9.3	199.5	10.7	212.7
02:15	178.0	7.9	181.8	9.1	189.5	9.8	199.3	10.8	213.6
02:30	173.6	5.6	180.3	8.9	181.9	9.9	182.8	11.3	205.0
02:45	184.1	5.4	188.0	8.3	183.8	9.8	187.8	11.8	195.9
03:00	200.1	6.3	194.9	8.9	193.0	11.3	208.7	12.3	203.0
03:15	207.7	7.0	203.6	8.8	202.4	10.7	205.2	13.0	211.9
03:30	209.7	7.3	209.2	9.7	209.1	11.5	207.8	13.4	208.7
03:45	212.4	8.7	211.7	10.9	209.7	12.3	211.0	14.0	216.0
04:00	217.3	9.2	214.1	11.1	206.3	12.1	212.0	12.3	214.5
04:15	218.5	8.8	211.7	10.8	203.8	11.8	207.4	12.2	219.0
04:30	214.1	8.4	209.6	10.8	206.8	11.2	201.7		
04:45	212.1	7.8	205.1	9.8	191.7	10.8	195.3		
05:00	205.2	7.3	188.0	9.9	180.7	11.0	186.0		
05:15	182.5	7.8	179.4	10.5	182.1	10.4	183.1		
05:30	179.6	6.3	181.1	10.6	181.2	11.0	183.0		
05:45	186.3	4.4	186.5	9.8	181.3	11.3	181.0		
06:00	195.2	2.9	190.1	8.1	183.4	10.8	180.0		
06:15	181.9	2.6	189.4	7.8	183.9	10.3	179.0		
06:30	169.3	2.2	183.7	7.7	182.6	9.8	177.0		
06:45	132.1	1.1	175.0	4.7	175.6	9.4	176.1		
07:00	36.1	.7	144.3	4.3	160.7	10.0	155.0		
07:15	74.1	1.1	118.1	4.5	140.1	10.6	133.8		
07:30	70.5	1.8	91.9	4.2	125.2	10.5	143.0	10.0	146.3
07:45	73.1	2.4	82.9	3.6	120.4	7.7	134.6	8.8	146.3
08:00	81.4	2.5	83.5	3.9	107.9	6.8	132.9	7.8	145.9
08:15	79.4	2.1	81.2	3.9	97.1	5.8	136.3	6.1	158.1
08:30	73.2	1.9	76.2	3.3	88.1	4.9	135.6	6.0	165.1
08:45	72.6	2.4	79.4	3.5	88.6	5.4	136.1	7.2	159.8
09:00	78.2	2.6	82.5	4.2	106.0	5.7	139.1	7.3	163.0
09:15	83.3	2.8	90.2	4.1	118.7	5.5	140.8	7.4	167.0
09:30	87.1	2.9	98.8	4.2	132.7	5.9	151.8	7.5	171.0
09:45	87.5	2.8	104.4	4.0	146.0	5.8	168.8	7.6	175.0
10:00	97.9	3.3	115.3	4.4	150.9	5.2	173.0	7.7	181.0
10:15	106.6	3.7	122.8	5.1	148.8	6.2	169.3	7.8	186.4
10:30	121.7	3.7	134.1	5.2	157.7	6.9	175.7	7.8	188.5
10:45	131.6	3.2	148.4	4.4	162.7	5.5	175.1	5.9	187.8
11:00	137.3	2.7	156.9	3.1	169.9	4.5	178.8	5.7	176.6
11:15	144.2	2.7	156.6	3.6	180.4	5.5	187.2	5.9	179.0
11:30	159.6	2.6	175.3	4.4	186.3	6.0	188.0	6.2	182.0
11:45	182.0	2.4	191.0	4.6	191.4	4.8	183.4	6.5	186.5
12:00	180.2	1.3	183.1	2.9	181.2	4.6	184.8	6.1	187.7
12:15	147.1	1.3	159.3	3.0	175.8	4.8	182.9	5.9	184.3

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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	14.6	224.7				
00:15	15.6	218.7	13.0	222.1	15.0	220.4
00:30	15.3	211.0	14.2	221.0		
00:45	14.5	214.0				
01:00	13.8	218.7				
01:15	14.1	219.5				
01:30	14.0	219.0				
01:45	14.0	219.0				
02:00	14.0	218.0				
02:15	14.0	218.0				
02:30	14.0	217.0				
02:45	14.0	216.0				
03:00	13.9	215.0				
03:15	13.8	214.0				
03:30	13.7	213.8				
03:45						
04:00						
04:15						
04:30						
04:45						
05:00						
05:15						
05:30						
05:45						
06:00						
06:15						
06:30						
06:45						
07:00						
07:15						
07:30						
07:45	10.8	148.6				
08:00						
08:15						
08:30						
08:45						
09:00						
09:15						
09:30						
09:45						
10:00						
10:15						
10:30	9.9	204.4				
10:45	8.2	196.5				
11:00	6.8	197.1				
11:15	6.7	196.0				
11:30	6.7	195.0				
11:45	6.7	194.0				
12:00	6.6	193.0				
12:15	6.6	191.4				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	5.5	181.0				
12:45	4.5	172.6	3.4	184.6		
13:00	4.5	180.0	4.3	181.7		
13:15	5.0	188.6	4.5	184.0		
13:30	5.0	186.0	4.8	187.0		
13:45	4.9	183.0	5.0	189.0		
14:00	4.8	180.0	5.3	191.0		
14:15	4.7	177.8	5.6	193.0		
14:30	4.8	188.9	6.0	194.4		
14:45	4.1	170.1	5.0	178.7		
15:00	4.4	158.2	4.8	162.5		
15:15	3.5	162.0				
15:30	2.5	167.0				
15:45	2.0	175.0				
16:00	1.5	185.0				
16:15	1.0	195.0				
16:30	.8	203.9				
16:45	1.0	209.2				
17:00	3.2	215.4				
17:15						
17:30						
17:45						
18:00						
18:15						
18:30						
18:45						
19:00						
19:15						
19:30						
19:45						
20:00						
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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	8.1	196.5	6.3	190.8	15.0	220.4
Max	15.6	224.7	14.2	222.1	15.0	220.4
Hr. of Max	01	00	02	01	01	01
Min	.8	148.6	3.4	162.5	15.0	220.4
Count	43	43	12	12	1	1
Total						