

Daily Summary Report

Site: ORNL Sodar

5/5/2017

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	.7	227.1	.3	152.8	.9	296.3	2.2	297.9	4.3
00:15	.4	276.6	.1	167.3	.8	355.6	1.7	351.9	4.3
00:30	.4	282.4	.2	43.9	1.4	42.9	2.5	35.0	4.2
00:45	.2	49.5	.8	68.5	2.6	73.4	3.8	63.3	4.5
01:00	1.5	101.0	2.1	76.6	5.7	78.0	6.7	73.1	6.8
01:15	1.2	93.7	2.7	67.6	8.3	73.5	9.7	69.1	10.5
01:30	.1	257.9	3.0	69.7	6.8	70.3	9.0	68.7	11.2
01:45	.3	48.6	1.8	77.5	3.8	75.9	5.4	76.8	8.0
02:00	.2	356.0	.4	80.7	2.2	86.6	3.3	87.0	5.2
02:15	.5	7.7	.6	88.8	1.5	93.1	2.1	92.5	2.9
02:30	.5	14.8	.5	98.9	1.3	106.4	1.5	101.7	1.6
02:45	.3	55.3	.6	119.7	1.5	115.5	1.6	112.0	1.2
03:00	.2	19.5	.6	106.4	1.6	100.8	1.8	101.9	.7
03:15	.2	348.5	.4	79.1	1.2	87.4	1.2	92.8	.5
03:30	.1	323.9	.5	71.5	.7	83.9	.5	101.3	.4
03:45	.3	349.7	.4	69.9	.8	85.3	.6	101.3	.5
04:00	.4	14.2	.2	56.3	.8	87.1	.7	92.1	.5
04:15	.4	29.0	.2	59.5	.8	80.3	.8	86.1	.8
04:30	.6	6.0	.2	75.4	1.0	79.1	.8	81.3	.7
04:45	1.1	355.2	.2	87.4	.9	78.9	.8	75.4	.5
05:00	1.0	359.5	.1	145.5	.8	65.8	.9	69.3	.6
05:15	.6	343.3	.2	182.8	.6	70.7	.6	82.0	1.3
05:30	.5	313.4	.2	203.0	.4	92.5	.6	115.3	1.6
05:45	.2	336.6	.1	167.8	.9	89.4	1.1	122.0	1.4
06:00	.3	17.5	.5	147.5	1.2	118.4	1.4	145.7	1.8
06:15	.1	25.5	.9	172.7	1.6	167.7	2.1	181.0	3.5
06:30	.1	73.2	1.1	196.0	3.3	195.7	4.8	193.1	6.9
06:45	.1	298.4	.9	209.6	2.5	210.3	3.6	198.5	5.9
07:00	.2	273.8	.7	218.5	1.0	218.7	1.7	203.6	3.9
07:15	.1	75.1	.6	234.8	.6	221.3	1.5	203.2	4.1
07:30	.2	236.2	.7	247.4	1.1	230.3	1.8	212.7	4.8
07:45	.3	236.2	.6	248.4	1.3	236.1	1.9	218.1	3.5
08:00	.1	165.2	.4	251.9	1.0	241.1	1.4	220.3	2.7
08:15	.2	333.1	.4	265.2	.7	241.5	1.3	225.8	3.2
08:30	.4	292.3	.4	246.1	.7	247.1	1.1	229.2	3.0
08:45	.5	273.3	.4	220.5	.5	249.8	.7	233.1	2.2
09:00	.4	270.7	.2	281.5	.5	244.0	.7	233.7	2.1
09:15	.5	270.9	.1	290.8	.6	243.2	.9	229.7	2.3
09:30	.2	214.0	.1	267.4	.7	237.9	1.3	223.9	2.6
09:45	.9	319.0	.2	293.7	.4	237.8	1.1	228.3	2.2
10:00	.8	310.0	.1	258.6	.3	247.3	.7	233.7	1.3
10:15	.5	208.9	.2	306.2	.4	246.9	.9	223.7	1.7
10:30	.3	170.0	.4	284.6	.5	247.9	1.0	233.8	3.8
10:45	.4	169.6	.3	263.7	.8	229.9	1.5	213.8	6.5
11:00	.8	171.9	.5	269.9	.9	232.8	2.2	207.0	5.8
11:15	.1	291.1	.7	236.9	1.2	217.7	2.6	204.6	5.2
11:30	.3	309.1	.7	225.4	1.5	198.5	2.5	199.1	5.1
11:45	.2	217.8	.5	247.7	.9	198.4	1.9	191.8	5.0
12:00	.9	187.4	.7	231.8	1.1	208.2	3.6	190.7	6.2
12:15	.8	188.1	.9	201.4	2.2	200.2	4.8	193.3	7.2

Daily Summary Report

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5/5/2017

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	318.6	6.6	323.6	11.0	312.4	12.0	315.0	12.0	315.0
00:15	348.9	6.8	347.9	9.5	333.0	10.0	325.0	10.0	320.0
00:30	17.8	6.9	8.5	7.5	359.9	8.9	336.3	9.0	324.8
00:45	42.6	6.4	26.0	5.9	17.5	4.5	5.2	5.0	320.7
01:00	56.0	6.7	45.3	4.8	47.9	3.2	74.6	2.7	106.9
01:15	59.1	10.3	53.9	7.5	56.5	7.0	63.0	5.9	83.2
01:30	63.4	12.3	56.4	10.6	53.4	9.9	56.2	9.5	57.0
01:45	70.0	10.0	61.5	11.0	54.3	9.7	59.2	11.2	48.8
02:00	76.4	7.0	73.0	9.9	59.6	9.0	62.4	9.2	64.3
02:15	79.2	5.0	79.2	8.4	65.5	8.8	65.3	8.3	74.6
02:30	96.2	3.4	87.4	7.0	75.7	8.0	68.2	8.1	88.4
02:45	111.2	1.7	100.0	5.4	83.9	7.1	69.3	7.8	85.0
03:00	100.3	.4	111.3	3.7	84.9	6.3	73.8	6.6	84.2
03:15	89.6	.6	86.0	3.7	92.0	5.1	87.2	6.3	95.4
03:30	109.4	.7	108.5	2.7	99.1	4.2	97.4	5.6	106.9
03:45	117.7	.9	113.5	2.8	98.4	4.3	98.3	6.0	112.0
04:00	99.5	.8	100.7	4.3	92.1	6.6	105.7	7.9	123.0
04:15	82.3	2.0	87.8	5.6	101.8	7.2	118.9	8.9	140.0
04:30	79.3	3.2	93.0	6.4	118.7	7.0	139.5	7.2	163.7
04:45	81.7	3.2	105.6	6.0	132.3	6.2	160.7	7.7	187.7
05:00	97.1	3.1	117.0	5.5	144.0	6.0	174.6	8.8	193.6
05:15	113.7	3.2	130.6	4.8	151.8	5.8	179.2	9.1	203.5
05:30	123.2	2.9	151.2	4.6	168.3	5.8	195.0	10.5	214.1
05:45	146.3	2.5	176.2	4.7	187.9	6.7	200.6	10.2	201.8
06:00	168.1	3.0	181.6	5.7	191.7	6.7	194.8	10.7	204.7
06:15	184.4	5.7	185.2	9.2	202.1	10.2	215.5	11.6	219.3
06:30	189.6	9.0	188.9	10.2	207.0	12.0	218.0	11.6	217.0
06:45	196.2	7.8	197.4	11.7	211.7	13.9	221.4	11.6	215.7
07:00	200.2	5.9	198.0	10.2	211.0	11.5	217.0	13.3	222.3
07:15	199.7	6.8	188.3	11.8	220.9	13.4	205.5	13.6	225.0
07:30	202.5	7.1	208.6	12.9	225.3	12.4	219.4	13.8	228.0
07:45	213.7	5.7	218.9	12.0	228.4	12.1	229.8	14.1	230.4
08:00	217.0	2.9	206.6	9.0	220.0	10.8	228.5	14.0	230.0
08:15	208.2	4.4	193.0	9.3	217.0	10.8	228.0	14.0	229.0
08:30	196.4	6.3	187.7	9.5	214.0	10.8	228.0	13.8	229.0
08:45	200.2	5.7	193.3	9.7	212.0	10.8	227.0	13.5	228.0
09:00	205.1	4.5	194.5	9.8	209.9	10.8	227.0	13.3	228.0
09:15	196.6	3.5	190.8	9.7	212.0	10.8	227.0	13.0	228.0
09:30	197.1	2.2	209.9	9.5	216.0	10.9	227.0	12.5	227.0
09:45	200.2	4.6	198.4	9.3	222.0	10.9	227.0	12.0	227.0
10:00	210.2	4.7	199.0	9.1	226.2	10.9	226.9	11.5	227.0
10:15	211.4	4.9	202.6	9.2	225.5	10.5	228.0	11.0	227.0
10:30	195.9	6.7	198.0	9.3	220.0	10.3	226.9	10.6	226.4
10:45	191.3	7.7	198.5	9.4	216.0	9.9	225.0	10.8	220.9
11:00	199.3	7.5	202.0	10.4	209.6	9.7	220.8	12.1	215.3
11:15	204.2	6.7	202.3	9.6	207.9	9.5	218.0	11.3	217.4
11:30	197.1	7.0	199.9	8.7	209.2	9.9	220.7	9.8	222.9
11:45	192.5	7.1	196.9	8.4	207.4	10.8	222.6	10.1	222.0
12:00	193.2	7.9	192.7	8.8	203.5	10.0	214.5	11.3	223.5
12:15	194.1	8.8	196.7	9.3	204.4	10.4	212.0	11.6	221.7

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5/5/2017

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	6.0	243.0	9.3	224.0	9.3	222.0
00:15	5.0	245.0	9.0	224.0	9.0	222.0
00:30	4.0	247.0	8.8	224.0	8.8	222.0
00:45	3.5	250.1	8.5	223.5	8.5	222.2
01:00	3.1	150.2	5.4	165.7	7.5	215.7
01:15	5.2	122.4	6.1	140.9	7.7	215.8
01:30	7.0	107.0	10.1	130.2	7.9	215.9
01:45	8.5	103.0	10.2	140.6	8.1	216.0
02:00	8.4	103.0	10.1	140.0	8.3	216.1
02:15	8.3	103.0	10.1	139.0	8.5	216.2
02:30	8.2	104.0	10.1	138.0	8.7	216.3
02:45	8.1	104.0	10.0	137.0	8.9	216.4
03:00	8.0	104.0	10.0	136.0	9.1	216.5
03:15	7.9	104.0	9.9	135.0	9.3	216.6
03:30	7.9	104.5	9.8	133.0	9.5	216.7
03:45	8.6	117.3	9.7	130.6	9.7	216.8
04:00	9.4	130.0	10.3	140.0	9.9	216.9
04:15	8.8	156.0	10.8	155.0	10.1	217.0
04:30	9.1	185.3	11.2	170.0	10.3	217.1
04:45	10.1	191.8	11.6	185.0	10.5	217.2
05:00	11.5	201.9	11.8	200.0	10.7	217.3
05:15	11.8	208.2	12.0	212.0	10.9	217.4
05:30	11.8	216.2	12.3	211.8	11.1	217.5
05:45	11.9	217.0	12.3	212.0	11.2	217.6
06:00	11.9	217.0	12.3	212.0	11.3	217.7
06:15	11.9	218.0	12.3	213.0	11.4	217.8
06:30	11.9	218.0	12.3	213.0	11.5	217.9
06:45	12.0	219.0	12.3	214.0	11.6	218.0
07:00	12.0	219.0	12.3	214.0	11.7	218.1
07:15	12.1	220.0	12.3	214.0	11.8	218.2
07:30	12.1	220.0	12.3	215.0	11.9	218.3
07:45	12.2	220.0	12.3	215.0	12.0	218.4
08:00	12.2	221.0	12.3	215.0	12.1	218.5
08:15	12.2	221.0	12.2	216.0	12.2	218.6
08:30	12.3	221.0	12.2	216.0	12.3	218.7
08:45	12.3	222.0	12.2	216.0	12.4	218.8
09:00	12.3	222.0	12.2	217.0	12.5	218.9
09:15	12.4	222.0	12.1	217.0	12.6	219.0
09:30	12.4	222.0	12.2	218.0	12.7	219.1
09:45	12.5	222.0	12.2	218.0	12.8	219.2
10:00	12.5	222.0	12.1	218.0	12.9	219.3
10:15	12.6	222.0	12.1	219.0	13.0	219.4
10:30	12.7	222.8	12.1	219.0	13.1	219.5
10:45	12.1	228.3	12.1	219.0	13.2	219.6
11:00	12.8	223.8	12.0	220.0	13.3	219.7
11:15	13.1	220.3	12.0	220.0	13.4	219.8
11:30	12.9	218.9	11.9	220.2	13.5	219.9
11:45	12.9	224.6	12.8	227.7	13.6	220.0
12:00	13.0	224.0	12.7	218.8	13.7	220.1
12:15	13.1	218.8	13.4	214.7	13.8	222.3

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	13.2	218.8	13.4	216.6	13.9	223.0
12:45	11.9	219.7	12.8	214.0	14.0	224.0
13:00	11.6	220.5	12.9	217.0	14.1	225.0
13:15	11.3	224.6	13.9	218.9	13.2	226.0
13:30	11.6	227.2	11.9	224.1	13.2	226.6
13:45	12.5	219.7	12.8	226.7	14.7	228.8
14:00	13.9	218.5	13.2	222.4	13.5	224.0
14:15	14.9	220.1	13.0	224.0	12.7	220.1
14:30	13.5	223.9	13.8	226.9	12.9	225.2
14:45	13.9	228.3	13.5	226.0	12.6	224.0
15:00	13.0	224.0	12.7	228.1	12.3	222.0
15:15	13.6	221.0			12.1	220.3
15:30						
15:45						
16:00						
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						
17:45						
18:00						
18:15						
18:30						
18:45						
19:00	14.0	308.0				
19:15	13.9	308.9	12.2	307.8		
19:30	13.7	310.8	12.9	321.2		
19:45	15.5	315.1	14.2	319.6	14.2	319.9
20:00	14.4	316.7	14.3	312.2	13.1	319.6
20:15	12.1	316.1	15.1	313.9	13.2	319.0
20:30	13.0	316.3	15.0	216.0	13.3	319.0
20:45	13.2	319.0	14.0	218.0	13.4	319.0
21:00	11.7	315.3	13.2	320.4	13.6	318.4
21:15	11.4	316.0	12.1	321.2	13.2	317.3
21:30	11.3	318.1	11.8	319.7	12.6	314.0
21:45	11.8	318.3	13.0	325.8	13.0	322.0
22:00	11.8	321.0	13.0	325.0	15.3	331.6
22:15	12.1	324.5	12.7	323.8	13.9	330.4
22:30	11.5	325.8	12.0	321.7	12.5	323.1
22:45	10.6	325.8	11.4	320.9	11.6	322.6
23:00	10.8	329.7	10.8	324.1	11.5	326.2
23:15	10.1	330.6	10.4	329.4	11.1	333.5
23:30	9.8	330.8	11.2	333.5	11.8	334.4
23:45	11.6	333.8	12.9	336.2	13.8	332.9
Avg	11.1	227.2	11.8	225.5	11.8	241.9
Max	15.5	333.8	15.1	336.2	15.3	334.4
Hr. of Max	79	95	81	95	88	94
Min	3.1	103.0	5.4	130.2	7.5	215.7
Count	82	82	80	80	79	79
Total						