

Daily Summary Report

Site: ORNL Sodar

11/15/2017

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	.5	79.6	.4	63.9	.5	64.3	.4	86.3	.7
00:15	.4	107.4	.4	116.8	.7	80.4	.8	93.9	.9
00:30	.6	98.3	.8	113.6	.9	92.1	1.2	102.8	.7
00:45	.2	70.4	.7	96.7	.8	93.5	1.2	109.2	.5
01:00	.2	61.0	.5	71.2	.8	81.5	1.1	103.6	.6
01:15	.7	89.9	.8	67.3	.9	72.9	1.2	94.1	.8
01:30	.5	84.8	.9	57.0	.9	69.6	1.0	83.3	.9
01:45	.6	78.9	.8	52.5	.8	66.4	.7	77.8	1.2
02:00	.9	81.0	1.0	64.6	1.0	64.2	1.0	87.5	1.3
02:15	.6	74.9	1.0	78.4	1.0	71.0	1.0	94.1	1.2
02:30	.5	74.6	1.0	80.3	1.2	82.2	.9	91.7	1.4
02:45	1.0	77.5	.9	68.6	1.4	83.7	1.7	93.3	1.6
03:00	1.4	78.5	.6	73.0	1.4	79.7	2.4	98.4	1.8
03:15	1.1	80.3	.7	71.8	1.4	80.9	2.2	104.0	1.9
03:30	1.1	81.6	1.4	50.7	1.6	82.1	2.0	103.2	1.7
03:45	1.1	81.4	1.7	55.0	1.6	79.6	2.3	104.2	1.6
04:00	.8	82.4	1.3	61.8	1.6	88.0	2.4	109.9	1.5
04:15	.7	77.7	1.1	76.8	1.6	90.9	2.1	111.8	1.1
04:30	.7	74.6	1.5	82.2	1.7	93.3	1.7	119.8	.7
04:45	.8	80.1	1.4	71.6	1.9	94.8	1.3	128.7	.7
05:00	.8	83.3	1.3	67.6	1.8	92.8	1.0	132.0	.7
05:15	.7	79.8	1.6	65.1	1.8	95.6	1.0	134.1	.6
05:30	.7	79.9	1.9	66.3	1.9	101.1	1.1	135.8	.5
05:45	.5	81.6	2.1	67.7	1.5	106.3	1.0	162.3	1.3
06:00	.5	74.3	1.9	60.3	1.3	96.3	.8	179.4	1.9
06:15	.5	80.6	1.4	51.9	1.4	89.0	.6	146.3	1.6
06:30	.2	93.4	1.3	58.3	1.3	92.3	.7	143.5	1.9
06:45	.2	91.1	1.2	66.5	1.2	103.3	.7	174.3	1.9
07:00	.3	83.6	1.1	66.5	1.1	106.6	.6	190.3	2.0
07:15	.7	84.6	1.0	65.2	.6	111.6	.7	232.8	2.6
07:30	.7	80.7	.7	61.3	.6	223.8	1.7	243.9	3.1
07:45	.7	74.5	.8	67.1	.8	226.2	2.1	243.2	3.3
08:00	.8	71.0	1.1	80.9	.6	217.2	1.9	240.7	3.5
08:15	.7	81.7	1.1	85.3	.4	194.7	1.6	241.5	3.6
08:30	.4	91.0	1.0	87.7	.5	132.9	1.2	244.8	3.1
08:45	.4	87.5	.7	102.2	.8	141.9	1.1	228.6	2.4
09:00	.5	92.7	.7	93.7	1.1	141.6	.9	195.4	2.3
09:15	.2	54.7	.6	84.2	.9	130.8	.7	201.4	2.8
09:30	.4	17.5	.2	82.6	.6	136.2	.8	215.0	2.5
09:45	.2	1.5	.2	219.8	.7	176.7	.9	211.4	2.4
10:00	.2	297.6	.5	220.3	1.1	183.0	1.4	220.3	2.8
10:15	.2	256.0	.6	211.4	1.1	193.4	1.6	226.7	2.8
10:30	.4	223.8	.5	243.3	1.2	249.3	1.8	251.8	2.7
10:45	.4	236.4	.8	268.7	1.7	274.3	2.3	273.0	3.0
11:00	1.1	226.6	1.4	249.7	2.0	264.8	2.7	270.1	3.6
11:15	1.2	239.6	2.2	251.8	2.4	250.7	2.9	251.5	4.2
11:30	.9	238.4	2.1	246.7	2.1	242.4	2.5	246.1	3.7
11:45	1.0	231.9	1.6	239.3	1.6	247.3	2.0	254.5	3.0
12:00	1.3	249.4	2.0	255.9	2.1	260.5	2.6	262.1	3.2
12:15	1.4	254.8	1.8	254.5	2.3	261.4	2.9	263.6	3.1

Daily Summary Report

Site: ORNL Sodar

11/15/2017

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	96.9	.2	85.1	.2	88.5	.6	161.0		
00:15	112.9	.4	97.7	.2	143.1	.6	160.9		
00:30	118.1	.6	115.5	.2	26.7	1.0	120.0	.5	107.6
00:45	113.2	.6	150.5	.4	96.5	1.6	98.0		
01:00	130.4	.4	171.8	.9	148.5	1.6	50.0		
01:15	129.7	.6	173.5	1.3	179.4	1.6	75.6		
01:30	117.0	.8	167.5	.6	194.7	.8	58.0		
01:45	107.1	.6	144.5	.3	303.4	1.4	65.0		
02:00	106.0	.6	145.4	.4	350.4	1.3	65.0		
02:15	107.2	.6	165.2	.4	27.0	1.2	64.9		
02:30	110.5	1.0	162.8	.2	231.1	.7	322.2		
02:45	130.4	1.9	181.5	3.5	188.3	1.3	198.4		
03:00	152.1	2.9	189.9	5.8	192.0	7.1	189.8		
03:15	161.2	3.1	187.1	6.0	197.4	7.2	196.6		
03:30	159.3	2.4	182.6	5.2	205.3	8.1	217.0		
03:45	153.2	1.6	182.9	4.4	216.7	9.1	237.0		
04:00	150.8	1.4	184.6	4.1	224.2	6.4	232.0		
04:15	147.9	1.1	184.9	4.2	236.0	4.3	253.9		
04:30	162.1	.9	214.2	3.6	241.2	4.4	250.0		
04:45	196.1	1.2	239.5	1.1	213.9	4.5	247.0		
05:00	204.4	.8	242.0	1.0	211.6	4.5	244.0		
05:15	189.7	.4	244.6	1.6	236.9	4.6	240.0		
05:30	176.4	.9	237.9	1.0	227.5	4.6	236.0		
05:45	228.6	1.9	239.7	1.7	237.2	4.7	232.6		
06:00	245.5	2.6	255.0	5.9	252.9	6.1	240.3		
06:15	255.5	2.1	262.9	5.3	255.2	5.6	244.8		
06:30	250.2	1.8	253.7	2.9	271.0	3.6	262.0		
06:45	248.6	2.0	256.2	3.8	259.9	5.0	234.2		
07:00	255.1	3.2	259.8	6.9	249.4	7.0	234.5		
07:15	259.4	4.3	255.7	8.3	244.0	9.9	234.8		
07:30	252.4	5.0	249.0	8.3	241.9	9.6	245.9		
07:45	246.1	5.3	246.7	8.5	249.3	7.2	240.5		
08:00	247.0	5.5	245.0	9.1	247.8	6.6	233.8		
08:15	249.8	5.3	243.5	7.9	234.2	6.0	236.0		
08:30	248.2	5.0	242.7	7.4	239.3	5.5	240.0		
08:45	240.1	5.0	244.1	7.2	245.6	5.0	243.0		
09:00	235.9	4.8	244.6	6.1	237.6	5.0	245.6		
09:15	236.7	4.7	239.5	7.0	227.4	7.4	229.1		
09:30	238.6	4.2	240.2	6.8	237.4	7.4	233.0		
09:45	238.6	4.2	243.2	7.5	238.2	7.4	238.0		
10:00	242.0	4.8	240.5	8.0	238.4	7.4	242.0		
10:15	246.2	5.3	240.5	8.1	242.9	7.4	246.5		
10:30	254.6	5.0	245.7	7.9	241.0	7.8	234.7	6.3	236.6
10:45	266.4	4.7	254.4	8.1	239.6	8.6	223.9	8.6	221.5
11:00	260.6	5.5	252.3	9.4	235.8	10.6	217.1	10.5	214.5
11:15	248.4	6.0	243.9	9.9	230.2	11.3	215.8	10.8	215.0
11:30	244.0	5.5	239.0	9.1	223.1	11.8	217.5	11.0	216.0
11:45	253.3	4.5	240.9	8.4	221.1	11.6	219.4	11.3	217.0
12:00	265.2	3.4	250.7	5.4	227.1	8.4	221.9	11.5	217.4
12:15	256.6	2.7	241.0	4.3	225.2	8.1	217.9	10.2	215.3

Daily Summary Report

Site: ORNL Sodar

11/15/2017

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						
00:15						
00:30						
00:45						
01:00						
01:15						
01:30						
01:45						
02:00						
02:15						
02:30						
02:45						
03:00						
03:15						
03:30						
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						
08:00						
08:15						
08:30						
08:45						
09:00						
09:15						
09:30						
09:45						
10:00						
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15	14.2	220.8	12.0	226.6	13.2	222.0

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	12.7	224.1	10.7	229.8	14.3	223.2
12:45	11.2	218.8	11.0	228.9	14.0	220.5
13:00	8.7	212.8	10.8	227.6	13.2	220.3
13:15	7.7	216.0	9.9	224.8	12.4	220.2
13:30	8.9	229.1	9.6	231.2	9.2	228.5
13:45	9.0	229.0	9.8	231.0	9.3	228.5
14:00	9.3	228.0	10.0	231.0	9.5	228.5
14:15	9.3	228.0	10.3	231.0	9.6	228.5
14:30	9.5	228.0	10.5	231.0	9.8	228.5
14:45	9.5	227.0	10.8	231.0	10.1	228.5
15:00	9.8	227.0	11.0	230.0	10.4	228.5
15:15	9.8	227.0	11.3	230.0	10.7	228.5
15:30	10.0	226.0	11.5	230.0	11.0	228.5
15:45	10.0	226.0	11.8	230.0	11.3	228.5
16:00	10.3	226.0	12.0	229.0	11.6	228.5
16:15	10.5	225.0	12.3	229.0	11.9	228.5
16:30	10.8	225.0	12.5	228.0	12.2	228.5
16:45	11.0	225.0	12.8	228.0	12.5	228.5
17:00	11.3	224.0	13.0	227.0	12.8	228.5
17:15	11.5	224.0	13.2	227.0	13.1	228.5
17:30	11.8	224.0	13.4	226.0	13.4	228.5
17:45	12.0	223.0	13.5	226.0	13.7	228.5
18:00	12.3	223.0	13.6	225.0	14.0	228.5
18:15	12.5	223.0	13.8	225.0	14.3	228.5
18:30	12.8	222.0	13.9	224.0	14.6	228.5
18:45	13.0	222.0	14.0	223.0	14.9	228.5
19:00	13.3	222.0	14.1	223.0	15.2	228.5
19:15	13.5	221.0	14.2	222.0	15.5	228.5
19:30	13.8	221.0	14.2	221.0	15.8	228.5
19:45	14.0	221.0	14.3	220.0	16.1	228.5
20:00	14.1	220.7	14.3	219.9	16.2	228.5
20:15	14.7	219.4	14.5	222.0	16.4	228.5
20:30	14.8	220.0	14.8	224.0	16.5	228.5
20:45	15.0	220.0	15.0	226.0	16.7	228.5
21:00	15.3	220.0	15.3	228.0	16.8	228.5
21:15	15.5	220.5	15.7	229.9	16.2	228.6
21:30	15.1	226.2	17.1	235.5	15.3	229.8
21:45	16.7	223.9	16.6	232.5	15.3	232.1
22:00	15.6	218.8	16.1	227.2	17.5	228.2
22:15	15.1	221.1	15.0	219.0	16.1	225.8
22:30	15.0	222.0	15.4	225.0	16.6	227.0
22:45	15.8	220.4	16.8	229.0	16.8	224.2
23:00	16.5	229.4	14.6	221.3	14.5	229.2
23:15	17.0	235.6	14.7	222.9	15.0	228.0
23:30	17.8	231.7	16.9	228.8	14.7	218.5
23:45	17.3	229.0	18.7	234.5	15.4	221.2
Avg	12.7	223.8	13.3	227.1	13.7	227.3
Max	17.8	235.6	18.7	235.5	17.5	232.1
Hr. of Max	94	93	95	86	88	87
Min	7.7	212.8	9.6	219.0	9.2	218.5
Count	47	47	47	47	47	47
Total						