

Daily Summary Report

Site: ORNL Sodar

11/11/2017

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	2.3	17.3	4.7	50.2	6.0	45.1	7.3	45.7	9.9
00:15	2.1	16.0	4.8	51.2	6.2	44.8	7.7	45.6	9.9
00:30	2.0	15.0	4.7	53.2	6.7	45.8	8.1	46.8	9.7
00:45	1.9	13.0	4.7	53.9	6.5	45.7	8.1	47.1	9.8
01:00	1.8	10.8	4.3	56.3	6.1	48.3	8.0	48.3	9.9
01:15	1.5	347.5	4.2	55.7	5.9	49.4	7.6	50.1	9.4
01:30	1.8	20.0	4.4	55.1	5.7	51.0	7.1	52.2	9.1
01:45	2.2	40.0	4.4	57.6	6.1	53.7	7.2	52.5	9.4
02:00	2.5	61.7	4.5	59.0	6.4	56.3	7.4	53.8	9.4
02:15	2.4	73.8	4.3	61.0	6.2	57.7	7.2	55.5	9.0
02:30	1.6	70.0	3.4	61.0	5.5	60.1	6.8	58.1	8.4
02:45	1.5	65.6	2.6	59.3	4.7	61.9	6.1	60.2	7.6
03:00	1.5	64.8	2.3	65.5	4.0	61.9	5.4	60.6	6.9
03:15	1.5	60.3	2.4	69.9	4.0	61.3	5.4	60.5	6.9
03:30	1.5	62.7	1.9	67.0	3.6	62.4	4.8	60.9	6.7
03:45	1.4	65.7	1.9	71.7	3.3	63.3	4.8	61.8	6.6
04:00	1.5	57.9	2.2	71.7	3.5	62.2	5.1	60.4	6.7
04:15	1.9	58.9	2.1	65.9	3.9	60.0	5.5	56.1	6.8
04:30	2.1	71.0	2.6	67.1	4.4	61.6	5.9	54.4	6.8
04:45	2.0	77.4	2.7	68.8	4.7	64.4	6.1	58.6	6.7
05:00	2.3	73.9	2.6	68.0	4.8	64.5	6.6	59.8	6.1
05:15	2.1	70.8	2.5	64.8	4.3	61.4	6.2	55.6	6.0
05:30	1.5	70.4	2.1	63.6	3.7	56.6	5.4	54.4	6.0
05:45	1.4	72.9	2.0	63.1	3.3	57.7	4.9	57.6	5.7
06:00	1.4	70.4	1.7	59.2	3.0	60.9	4.5	59.6	4.9
06:15	1.1	66.7	1.7	53.6	3.0	59.7	4.3	56.5	3.6
06:30	1.1	72.1	2.1	61.6	3.4	61.1	4.4	54.7	3.5
06:45	1.3	73.3	1.9	64.7	3.4	60.4	4.6	57.9	3.3
07:00	1.3	71.6	2.0	63.8	3.5	58.0	4.5	56.8	3.4
07:15	1.4	77.0	2.4	65.6	3.8	59.9	4.5	57.4	3.8
07:30	1.6	76.1	2.6	54.4	3.8	57.0	4.8	53.8	3.9
07:45	1.4	73.1	2.4	56.2	3.6	57.5	5.0	51.5	3.9
08:00	1.7	80.7	2.2	76.3	3.9	70.2	5.3	65.3	4.5
08:15	1.7	81.8	2.0	79.0	3.9	74.8	5.3	72.7	5.0
08:30	1.0	72.8	1.4	60.7	2.7	69.7	4.3	70.0	4.7
08:45	.6	72.4	1.2	45.6	2.2	63.5	3.2	69.7	4.3
09:00	.4	49.0	1.0	50.3	1.8	60.0	2.5	67.9	3.7
09:15	.6	43.6	1.1	54.2	1.6	60.8	2.1	66.0	2.9
09:30	1.1	53.8	1.5	45.0	1.7	61.2	1.9	69.9	2.6
09:45	1.1	45.0	1.4	354.3	1.4	29.1	1.5	43.8	2.0
10:00	1.0	37.2	1.6	7.9	1.9	22.2	1.7	21.3	1.3
10:15	.6	58.5	1.1	54.4	1.4	50.4	1.1	38.9	.8
10:30	.5	93.1	.7	116.0	.9	115.6	.6	87.0	.5
10:45	.3	94.2	.7	130.4	.9	143.3	.7	122.9	.4
11:00	.2	113.8	.7	110.5	.6	121.3	.7	118.7	.4
11:15	.4	125.7	1.0	100.2	1.0	87.9	1.0	93.6	.8
11:30	.2	81.1	.5	115.4	.4	88.8	.5	100.4	.5
11:45	.3	4.3	.4	242.0	.3	243.7	.4	273.5	.2
12:00	.3	244.6	.9	219.0	.9	211.3	.6	207.7	.8
12:15	.4	206.5	1.2	211.1	1.1	212.7	.7	205.7	.9

Daily Summary Report

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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	46.9	11.2	53.4	11.6	69.7	10.6	78.6	10.9	95.5
00:15	48.5	11.1	54.8	11.8	70.9	9.5	81.7	10.7	94.9
00:30	50.0	11.4	55.9	11.9	71.3	9.9	87.0	7.6	98.1
00:45	49.9	11.5	57.3	11.4	71.8	10.4	86.4	6.4	101.6
01:00	50.8	11.2	58.8	11.9	74.4	10.3	86.9	6.1	107.0
01:15	53.0	10.9	60.0	12.3	73.0	9.6	85.4	5.5	110.3
01:30	54.4	10.6	60.6	12.3	73.5	8.7	85.3	5.1	112.4
01:45	54.7	10.7	63.1	12.1	76.1	8.2	87.7	4.6	117.6
02:00	55.5	10.5	65.7	11.1	77.2	7.5	88.3	4.3	119.8
02:15	56.6	10.0	67.3	10.4	78.3	6.9	89.3	4.3	121.8
02:30	58.0	9.5	67.8	10.0	79.9	6.4	92.8	4.3	132.2
02:45	60.5	8.4	66.6	9.3	81.9	6.3	94.6	4.3	138.6
03:00	61.3	7.7	68.7	8.7	84.9	6.0	100.0	4.4	140.6
03:15	63.3	7.6	74.0	8.4	86.8	5.6	103.6	4.4	144.4
03:30	64.9	7.4	76.1	8.3	88.0	5.6	106.1	4.5	146.5
03:45	63.6	7.3	73.8	8.0	89.3	4.9	110.8	4.5	148.3
04:00	61.1	6.8	71.6	7.3	89.4	4.0	118.2	4.6	148.3
04:15	56.9	6.7	70.3	6.5	87.2	3.5	126.0	5.0	157.8
04:30	59.3	6.8	72.2	5.7	87.6	3.2	131.4	5.4	167.5
04:45	65.1	6.7	74.0	5.2	93.6	3.6	141.1	5.9	170.4
05:00	65.0	6.8	76.2	5.1	99.0	4.2	149.0	6.2	177.0
05:15	62.9	6.4	78.3	4.9	99.3	4.5	154.3	6.7	180.2
05:30	64.2	5.6	76.1	4.5	99.9	4.8	156.1	7.2	174.9
05:45	66.1	5.0	76.6	4.4	107.5	5.2	157.4	7.5	160.1
06:00	62.2	4.6	78.9	4.0	112.1	5.2	165.8	6.9	164.7
06:15	64.1	4.5	78.9	3.2	120.8	6.2	175.0	6.8	188.5
06:30	73.7	4.6	79.1	3.2	138.9	7.2	175.2	7.2	182.1
06:45	72.4	4.3	78.0	3.4	152.1	7.2	177.8	9.0	179.0
07:00	68.9	4.1	75.8	3.2	156.7	7.5	178.0	9.7	176.4
07:15	72.2	4.0	75.6	2.9	159.5	7.0	176.1	9.0	175.6
07:30	68.0	3.9	75.3	2.7	162.1	6.3	181.9	9.0	174.6
07:45	63.9	3.6	75.8	2.7	163.1	6.2	185.8	7.9	176.0
08:00	75.6	3.7	93.5	3.8	161.2	6.2	184.6	7.8	178.3
08:15	81.9	4.2	107.4	4.8	157.1	5.5	186.0	7.2	178.6
08:30	80.8	3.9	108.1	4.3	155.4	4.6	186.7	5.9	178.9
08:45	78.3	3.6	99.0	3.5	156.4	4.1	184.5	5.9	182.9
09:00	77.4	3.3	100.3	3.3	168.6	4.1	190.8	5.8	184.7
09:15	82.5	3.0	107.8	3.6	180.8	4.7	191.8	6.2	174.9
09:30	86.8	2.8	108.8	3.9	188.0	6.8	188.8	7.8	173.9
09:45	76.4	1.6	120.4	4.1	187.3	8.0	187.2	9.3	173.5
10:00	54.2	1.1	146.7	4.0	190.5	7.6	187.5	10.4	171.3
10:15	50.4	.8	156.5	3.5	200.4	6.4	190.5	9.6	171.2
10:30	68.6	.2	281.6	2.6	218.9	5.1	195.6	8.2	174.1
10:45	110.3	.2	231.0	2.3	224.8	4.4	194.8	7.6	181.1
11:00	101.5	.4	141.7	2.0	197.1	4.3	186.3	6.4	186.7
11:15	98.9	.9	111.7	2.8	178.1	6.5	180.8	5.9	184.9
11:30	132.9	.7	129.3	3.2	181.0	7.1	185.0	4.2	184.9
11:45	280.2	.2	196.6	.4	175.2	2.3	188.6	3.3	187.3
12:00	188.4	.9	204.2	.1	190.8	.4	134.0	2.9	170.0
12:15	197.6	1.0	219.5	.6	248.0	.4	169.4	3.0	161.1

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11/11/2017

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	6.3	99.4	4.8	110.9	4.0	94.0
00:15	6.2	115.2	5.0	120.8	3.7	106.9
00:30	6.3	121.7	5.2	123.6		
00:45	5.3	121.3	5.4	120.0		
01:00	4.7	131.8	5.4	115.0		
01:15	5.1	133.7	5.5	110.0		
01:30	5.6	136.8	5.5	105.0		
01:45	5.2	145.5	5.6	100.0		
02:00	5.0	142.6	5.6	94.0		
02:15	4.8	132.2	5.7	87.8		
02:30	6.6	164.4				
02:45	7.0	173.8				
03:00	6.9	168.3				
03:15	7.2	163.5				
03:30	7.3	162.3				
03:45	7.1	166.0				
04:00	6.4	172.9				
04:15	6.0	174.9				
04:30	5.9	177.4				
04:45	5.8	184.0				
05:00	5.1	188.8				
05:15	5.0	190.5				
05:30	5.5	188.0				
05:45	6.3	186.0				
06:00	6.5	184.0				
06:15	6.8	182.0				
06:30	7.0	180.0				
06:45	7.3	179.0				
07:00	7.5	178.0				
07:15	7.8	176.0				
07:30	8.0	175.3				
07:45	7.7	171.8				
08:00	7.3	173.0				
08:15	7.1	176.0				
08:30	7.0	178.4				
08:45	7.0	174.9				
09:00	4.0	163.5				
09:15	7.0	173.0				
09:30	9.7	170.0	5.9	171.8	4.7	197.7
09:45	11.0	168.0	8.6	176.0		
10:00	11.4	166.7	9.5	178.0		
10:15	12.3	166.1	10.5	181.6		
10:30	13.0	171.1	10.1	180.0		
10:45	11.4	177.4	9.7	178.0		
11:00	8.6	182.1	9.3	176.0		
11:15	7.3	178.0	9.0	174.0		
11:30	6.9	178.0	8.5	173.0		
11:45	5.5	176.5	8.0	172.0		
12:00	5.2	166.1	7.6	170.0		
12:15	4.8	164.8	7.0	168.0		

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	4.3	170.7	6.7	166.8		
12:45	3.9	173.8	7.3	171.7		
13:00	3.9	173.0	6.5	170.8		
13:15	4.2	169.9	5.4	163.9		
13:30	4.4	166.7	4.9	167.6		
13:45	3.7	160.3	4.7	176.9		
14:00	3.8	162.0	5.0	178.0		
14:15	3.8	164.0	5.3	179.0		
14:30	3.8	165.0	5.5	181.0		
14:45	3.8	166.0	5.8	182.0		
15:00	3.8	168.0	6.0	183.0		
15:15	4.0	170.0	6.5	184.0		
15:30	4.2	172.0	7.0	186.0		
15:45	4.4	174.0	7.5	188.0		
16:00	4.6	176.0	7.8	190.0		
16:15	4.8	177.0	8.0	192.0		
16:30	5.0	179.0	8.3	194.0		
16:45	5.3	181.0	8.7	196.0		
17:00	5.5	184.5	9.0	198.0		
17:15	6.3	183.4	9.5	200.0		
17:30	7.6	182.9	10.0	202.6		
17:45			10.1	202.8		
18:00			10.2	203.0		
18:15			10.3	203.2		
18:30			10.4	203.4		
18:45			10.5	203.6		
19:00			10.6	203.8		
19:15			10.7	204.0		
19:30			10.8	204.2		
19:45			10.9	204.4		
20:00			11.0	204.6		
20:15			11.1	204.8		
20:30			11.2	205.0		
20:45			11.3	205.2		
21:00	.6	92.2	11.4	205.4		
21:15			11.5	205.6		
21:30			11.6	205.8		
21:45			11.7	206.0		
22:00			11.8	206.2		
22:15			11.9	206.4		
22:30			12.0	206.6		
22:45			12.1	206.8		
23:00			12.2	207.0		
23:15			12.3	207.2		
23:30			12.4	207.4		
23:45			12.5	207.6		
Avg	6.2	166.4	8.6	178.9	4.1	132.9
Max	13.0	190.5	12.5	207.6	4.7	197.7
Hr. of Max	42	21	95	95	38	38
Min	.6	92.2	4.7	87.8	3.7	94.0
Count	72	72	68	68	3	3
Total						