

Daily Summary Report

Site: ORNL Sodar

12/15/2018

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	1.7	276.8	5.3	70.2	7.9	70.8	8.9	77.1	9.4
00:15	1.2	79.7	5.6	71.3	7.5	68.7	8.5	75.1	9.8
00:30	2.4	82.2	4.2	73.1	5.8	65.7	7.0	72.5	8.8
00:45	.7	66.4	3.0	75.3	5.2	65.5	6.2	70.0	7.7
01:00	.2	345.1	1.6	67.1	3.4	59.5	4.5	63.3	5.3
01:15	.6	16.7	1.7	37.8	3.5	43.9	4.3	49.0	4.8
01:30	.4	2.4	1.7	55.1	3.4	51.9	4.5	53.5	5.5
01:45	.4	274.3	.6	61.5	1.3	60.4	2.4	57.8	3.5
02:00	.4	275.5	.4	316.8	.4	8.9	.8	30.0	1.6
02:15	.2	289.4	.3	18.1	.8	45.2	1.1	47.2	1.8
02:30	.2	353.8	.7	58.4	1.6	54.3	2.2	55.8	2.6
02:45	.3	37.8	1.1	62.7	2.1	58.2	3.0	59.1	3.0
03:00	.7	50.0	1.7	66.4	3.0	52.3	3.6	64.3	4.1
03:15	.9	66.4	2.2	68.9	3.4	56.0	3.5	69.6	5.4
03:30	1.3	282.4	2.7	72.0	3.5	66.6	3.9	75.1	5.3
03:45	1.1	70.0	2.9	75.3	4.1	66.5	4.9	75.2	4.7
04:00	.9	70.4	2.5	75.6	4.1	65.1	5.0	68.7	4.6
04:15	1.1	76.2	2.5	77.2	4.4	66.2	5.3	66.6	5.0
04:30	1.4	79.7	2.8	81.1	4.6	70.6	5.4	69.5	5.1
04:45	.8	78.0	1.8	85.3	3.6	77.3	4.5	73.2	4.2
05:00	.1	293.7	.8	104.9	2.4	84.4	3.2	78.0	3.0
05:15	.6	263.3	.9	210.4	1.2	127.8	1.7	108.3	2.0
05:30	.5	243.1	1.2	202.8	2.1	187.0	2.9	191.1	3.8
05:45	.4	134.5	1.5	160.9	2.4	179.8	3.5	189.6	4.5
06:00	.4	102.6	1.3	157.5	2.1	179.0	3.1	189.4	4.3
06:15	.2	32.0	.7	157.3	1.2	178.9	1.7	192.0	2.8
06:30	.3	299.0	.2	145.7	.8	169.6	1.3	176.4	2.6
06:45	.2	311.6	.2	124.0	.4	148.3	1.1	170.4	2.5
07:00	.1	.9	.2	135.9	.2	181.4	1.1	192.3	1.9
07:15	.2	312.4	.1	220.5	.2	277.9	1.0	213.1	1.5
07:30	.3	326.0	.5	307.7	.5	323.8	.6	234.6	1.1
07:45	.5	339.2	.8	329.8	.5	331.2	.3	270.5	1.0
08:00	.4	355.2	.7	19.3	.5	12.0	.5	350.1	.7
08:15	.2	355.8	.6	34.6	.8	12.0	.6	352.7	.4
08:30	.3	279.9	.3	42.7	.9	22.7	.7	1.9	.5
08:45	.2	258.2	.1	67.8	.9	40.3	.8	15.7	.5
09:00	.0	87.5	.3	88.8	1.0	55.5	.8	26.1	.3
09:15	.0	149.9	.8	87.1	1.4	69.4	1.4	62.2	.7
09:30	.1	152.5	.7	78.6	1.8	74.8	2.1	73.3	1.0
09:45	.1	94.6	.6	82.4	1.7	84.1	1.8	78.3	.8
10:00	.2	128.0	.6	108.5	1.0	101.2	.9	82.4	.3
10:15	.3	152.1	.3	133.7	1.0	138.2	1.0	126.2	.8
10:30	.1	157.4	.3	153.6	1.2	135.3	1.8	129.0	1.7
10:45	.0	138.9	.4	119.2	1.1	113.8	1.8	124.2	2.0
11:00	.1	69.6	.4	94.4	1.2	115.0	2.0	127.2	2.4
11:15	.4	173.4	.8	160.4	1.5	146.1	2.4	147.7	3.5
11:30	.7	203.6	1.4	178.7	1.9	171.4	2.7	172.2	3.7
11:45	.3	258.4	.9	170.1	1.8	172.8	2.4	173.6	3.0
12:00	.2	301.7	.8	121.5	1.4	158.7	1.8	164.1	1.6
12:15	.2	215.9	.5	126.5	.9	157.5	.9	170.2	.3
12:30	.3	184.0	.0	24.4	.2	189.8	.3	256.1	.7

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	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	83.0	10.0	85.6	10.6	113.0	11.9	132.7	12.0	137.4
00:15	78.9	10.5	84.4	11.0	110.6	12.3	129.6	12.9	137.0
00:30	74.8	10.4	79.9	10.3	103.8	12.2	126.2	12.8	137.0
00:45	71.9	9.6	73.9	9.9	99.1	12.6	125.0	12.5	135.4
01:00	66.6	6.8	70.4	9.1	97.6	11.9	122.9	10.3	132.2
01:15	59.8	6.1	66.8	8.7	91.8	9.7	117.9	8.7	138.5
01:30	64.7	6.5	65.1	8.2	90.4	9.2	117.8	9.8	138.8
01:45	63.2	4.3	59.0	6.5	87.0	8.2	110.3	9.9	133.7
02:00	42.9	2.5	46.2	4.5	74.9	6.0	96.7	8.0	138.0
02:15	51.4	2.8	52.5	5.0	78.7	5.4	104.0	6.4	143.1
02:30	60.1	3.7	68.1	6.6	87.8	6.2	118.9	7.8	147.9
02:45	69.0	4.4	79.9	5.7	103.1	5.2	137.0	7.1	158.9
03:00	73.7	5.7	78.3	4.0	115.0	3.6	155.7	6.2	168.0
03:15	78.4	6.1	80.6	3.8	112.5	3.4	150.8	5.2	178.7
03:30	78.9	5.0	91.0	3.8	129.5	3.6	158.6	6.3	178.5
03:45	77.6	4.2	100.6	3.5	152.4	3.7	184.6	6.1	178.3
04:00	78.2	4.0	103.5	3.4	158.9	4.8	188.0	5.3	180.2
04:15	77.8	3.8	102.7	3.6	156.9	5.2	182.1	5.8	178.3
04:30	78.6	4.0	98.6	3.8	153.2	5.3	179.8	7.0	178.1
04:45	81.7	4.0	104.5	3.9	151.8	6.4	183.4	7.5	185.0
05:00	90.8	3.5	120.8	3.8	168.6	7.9	191.9	8.5	199.8
05:15	136.3	3.7	158.8	5.4	198.6	8.3	210.5	11.0	206.0
05:30	194.2	5.4	198.4	8.5	211.3	10.6	218.1	13.4	215.8
05:45	197.8	6.5	205.0	10.6	210.3	12.3	218.0	13.0	214.0
06:00	198.5	6.8	201.5	10.6	206.5	11.1	215.5	14.1	218.0
06:15	199.4	5.4	196.4	8.8	209.5	9.6	211.1	12.0	212.0
06:30	193.0	4.1	193.6	7.2	208.5	9.2	206.9	10.0	205.9
06:45	192.3	2.7	193.0	6.0	202.3	8.8	204.3	10.1	202.0
07:00	205.4	1.6	205.0	4.5	204.2	7.8	202.7	10.2	198.0
07:15	231.9	1.2	234.3	3.4	216.9	6.8	203.9	10.3	195.7
07:30	261.1	1.1	255.9	3.1	232.3	5.2	208.0	10.3	196.0
07:45	299.6	1.0	268.3	3.0	223.2	5.6	213.3	10.0	197.0
08:00	300.8	.8	231.5	3.4	194.5	6.0	205.0	10.0	198.0
08:15	305.6	.8	212.3	3.4	187.4	6.6	189.8	9.8	199.0
08:30	341.8	.4	233.4	2.5	197.4	6.0	194.5	9.5	200.0
08:45	352.0	.3	225.2	2.3	198.2	5.5	203.2	9.2	200.0
09:00	26.3	.5	195.0	3.1	193.7	5.5	196.5	8.8	201.0
09:15	63.1	.6	148.4	3.5	187.3	5.6	187.8	8.4	201.6
09:30	54.5	.5	105.5	2.9	184.7	5.2	188.9	8.3	195.4
09:45	54.8	.2	78.0	2.0	189.7	4.5	192.8	9.0	194.0
10:00	77.4	.3	191.8	2.8	197.7	4.7	194.7	9.5	192.0
10:15	157.5	1.7	181.5	4.4	188.5	6.8	189.0	9.5	190.0
10:30	152.8	2.8	174.4	5.4	179.8	7.7	184.9	10.0	188.1
10:45	155.8	3.1	175.3	6.0	184.6	7.5	189.6	10.0	194.0
11:00	163.3	3.5	177.5	6.4	191.3	6.9	197.8	9.5	200.0
11:15	170.2	4.0	179.0	6.9	189.4	6.9	194.6	9.5	204.0
11:30	180.2	4.5	183.1	6.8	192.0	8.4	193.1	9.0	208.0
11:45	180.9	4.0	183.6	5.4	200.0	7.8	204.6	8.5	212.0
12:00	172.3	2.5	180.2	4.4	205.2	6.6	215.2	8.5	216.0
12:15	227.7	1.5	203.2	4.0	220.8	5.8	224.1	8.0	219.0
12:30	251.2	1.1	237.1	3.5	246.9	4.7	231.4	7.5	221.6

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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	12.8	141.6				
00:15	13.1	138.0	12.5	146.5	14.4	146.8
00:30	13.2	137.0	11.4	146.9	13.3	151.1
00:45	13.6	133.9	12.0	140.0	13.1	150.0
01:00	13.0	137.0				
01:15	12.5	140.0				
01:30	12.4	143.4				
01:45	12.0	148.0				
02:00	11.0	152.0				
02:15	10.0	156.0				
02:30	9.5	160.0				
02:45	9.0	164.0				
03:00	8.5	168.0				
03:15	8.0	171.0				
03:30	7.1	174.5				
03:45	7.5	172.4				
04:00	7.5	173.4				
04:15	7.8	175.7				
04:30	10.2	179.1				
04:45	10.2	188.9				
05:00	9.0	198.6				
05:15	10.5	208.0				
05:30	12.5	218.8				
05:45	12.9	219.7				
06:00	12.8	221.0				
06:15	12.8	221.0				
06:30	12.7	221.0				
06:45	12.7	221.0				
07:00	12.7	221.0				
07:15	12.6	221.0				
07:30	12.6	221.0				
07:45	12.5	221.0				
08:00	12.5	221.0				
08:15	12.4	221.0				
08:30	12.3	221.0				
08:45	12.2	221.0				
09:00	12.1	221.0				
09:15	12.0	221.0				
09:30	12.0	221.0				
09:45	11.8	221.0				
10:00	11.6	221.0				
10:15	11.4	221.0				
10:30	11.3	221.0				
10:45	11.1	221.0				
11:00	10.8	221.0				
11:15	10.7	221.0				
11:30	10.5	221.0				
11:45	10.4	221.0				
12:00	10.3	221.0				
12:15	10.2	221.0				
12:30	10.1	221.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	10.0	221.0				
13:00	9.9	221.0				
13:15	9.8	221.0				
13:30	9.6	223.3				
13:45	9.6	218.7				
14:00	10.2	219.5	10.6	221.9	12.5	219.9
14:15	10.7	224.0	11.2	222.9		
14:30	10.6	228.2	11.0	232.3		
14:45	11.3	228.0	11.2	232.7		
15:00						
15:15						
15:30						
15:45						
16:00						
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17:00						
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21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	11.0	199.5	11.4	191.9	13.3	167.0
Max	13.6	228.2	12.5	232.7	14.4	219.9
Hr. of Max	03	58	01	59	01	56
Min	7.1	133.9	10.6	140.0	12.5	146.8
Count	60	60	7	7	4	4
Total						