

Daily Summary Report

Site: ORNL Sodar

2/10/2018

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	1.5	250.2	2.0	233.6	3.8	232.7	5.4	223.8	7.3
00:15	1.3	249.4	2.0	237.8	3.4	231.7	4.9	225.0	6.9
00:30	1.6	261.9	2.1	246.2	3.4	235.8	4.5	232.0	6.3
00:45	1.7	275.5	1.9	258.1	3.1	249.6	4.1	239.9	5.7
01:00	1.3	280.8	1.6	267.6	2.9	254.8	3.8	244.3	4.8
01:15	1.2	286.9	2.4	275.8	3.2	263.1	3.6	252.8	4.2
01:30	.9	289.3	2.5	274.1	2.8	267.1	3.1	254.2	4.1
01:45	1.2	270.9	2.3	265.4	2.7	266.9	3.2	258.0	4.3
02:00	1.5	269.3	2.5	274.1	3.3	271.6	4.4	265.3	5.4
02:15	1.1	275.2	2.3	279.1	3.3	272.2	4.3	266.3	5.2
02:30	.4	277.1	1.5	274.3	2.2	269.3	3.4	263.5	2.9
02:45	.3	256.1	.9	255.2	1.7	252.7	3.2	249.9	2.4
03:00	.6	252.4	1.1	249.6	2.0	250.2	3.3	238.4	3.0
03:15	.7	260.6	1.2	249.2	1.8	243.9	2.6	233.6	3.0
03:30	.9	259.7	1.4	239.4	1.9	235.4	2.3	234.7	2.8
03:45	.2	249.6	1.3	242.8	2.2	233.8	2.3	231.0	3.0
04:00	.7	79.8	.7	241.0	1.6	226.0	1.8	222.2	2.8
04:15	.6	66.8	.4	226.8	.7	242.1	1.3	230.7	2.1
04:30	.5	52.1	.1	199.5	.3	236.0	1.0	224.3	2.1
04:45	.3	31.4	.1	273.2	.2	200.4	.9	211.2	2.3
05:00	.3	10.6	.4	275.1	.3	229.9	.7	204.1	2.1
05:15	.4	25.3	.4	268.0	.4	202.5	.9	200.0	2.4
05:30	.4	43.9	.1	284.1	.8	183.8	1.7	197.2	3.3
05:45	.4	39.4	.2	133.9	1.4	185.0	2.3	199.8	3.6
06:00	.5	32.8	.6	139.1	1.6	187.1	2.4	203.5	3.0
06:15	.5	36.7	.8	106.5	1.0	159.8	1.5	198.3	2.1
06:30	.5	46.0	1.1	84.0	1.4	105.5	1.0	149.6	1.7
06:45	.5	50.0	1.2	78.7	1.7	93.7	1.2	113.5	1.0
07:00	.6	54.4	1.1	75.8	1.6	83.4	1.1	89.5	.4
07:15	.4	29.9	1.3	82.8	1.9	82.1	1.2	93.8	.6
07:30	.5	32.8	2.1	78.2	2.6	83.4	1.8	99.1	.9
07:45	.8	49.7	2.6	72.4	2.4	78.2	1.7	90.8	1.1
08:00	.6	36.6	2.5	76.2	2.1	76.2	1.4	82.4	1.4
08:15	.6	38.0	2.2	79.4	2.0	79.2	1.2	81.7	1.6
08:30	.6	40.2	2.1	82.3	1.8	78.3	1.1	76.0	1.6
08:45	.5	45.2	1.7	80.0	2.1	77.7	1.3	79.9	1.8
09:00	.2	22.1	1.0	78.0	2.3	80.5	1.6	94.3	1.9
09:15	.2	22.4	.7	79.7	2.4	80.3	2.3	95.7	2.1
09:30	.4	73.1	.8	72.2	2.5	84.0	2.8	93.5	2.5
09:45	.6	79.6	1.1	80.8	2.5	94.3	3.0	97.9	2.7
10:00	.8	83.9	1.2	90.7	2.8	105.0	3.0	99.8	3.5
10:15	1.3	90.3	1.1	90.7	2.9	104.1	3.3	100.1	3.9
10:30	1.0	88.7	.8	78.3	2.4	91.3	3.5	91.7	2.8
10:45	.3	92.6	.4	57.8	1.8	84.8	2.9	86.3	2.8
11:00	.5	84.7	.3	55.1	1.6	84.1	2.6	89.9	2.6
11:15	.5	82.4	.3	69.9	1.7	77.5	2.5	82.8	1.4
11:30	.7	106.6	.2	94.9	1.5	81.4	2.4	79.0	1.2
11:45	.8	105.7	.2	71.2	1.9	78.4	2.7	77.2	1.1
12:00	.6	99.4	.4	71.6	2.1	67.1	3.0	73.2	.7
12:15	.6	103.2	.2	58.4	1.7	65.8	2.8	70.3	.6

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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	212.2	9.3	205.2	12.3	195.3	16.3	211.8		
00:15	213.8	9.0	205.7	11.9	195.9	15.0	208.6		
00:30	214.6	8.4	205.7	11.7	197.1	14.0	195.9		
00:45	218.7	7.6	207.2	10.8	195.9	15.2	194.2		
01:00	226.0	6.4	213.6	9.3	194.9	12.4	192.6		
01:15	235.2	5.9	217.7	8.8	192.9	11.4	186.2		
01:30	233.7	5.8	214.4	7.8	195.7	11.0	192.0		
01:45	240.9	5.3	229.4	7.6	207.3	10.8	199.1		
02:00	255.1	6.0	245.4	7.5	217.3	9.4	204.9		
02:15	252.8	4.9	243.1	6.7	212.3	8.3	198.5		
02:30	242.2	2.4	231.0	5.5	199.2	4.0	192.0		
02:45	240.8	1.6	236.5	1.6	207.3	.7	188.3		
03:00	244.4	2.8	232.6	1.6	217.4	.3	278.6		
03:15	229.7	4.0	219.4	3.0	207.0	5.0	235.0		
03:30	218.6	4.5	213.4	7.7	198.9	11.1	191.6	15.6	185.1
03:45	227.3	5.3	213.7	8.2	203.0	11.8	193.8	16.4	187.1
04:00	212.5	5.3	212.0	8.3	197.1	12.0	190.1	12.8	189.7
04:15	217.0	4.4	210.9	8.3	193.0	11.0	189.6	13.0	189.0
04:30	220.3	3.9	204.4	8.0	193.2	11.1	186.5	13.0	188.9
04:45	207.7	4.2	204.2	7.6	198.0	11.4	186.2	12.7	188.2
05:00	209.1	4.1	210.0	8.4	202.5	10.0	188.5	12.0	184.7
05:15	217.8	3.7	218.3	8.5	201.1	9.4	191.7	12.6	188.9
05:30	214.9	4.1	214.4	8.2	197.0	9.9	192.4	13.5	189.8
05:45	215.5	5.0	216.2	7.8	200.4	8.3	197.5	13.8	192.1
06:00	219.3	4.6	220.6	7.4	203.4	8.6	199.4	13.6	193.1
06:15	219.2	3.8	225.4	6.9	215.2	8.8	201.7	13.8	193.2
06:30	203.5	3.4	227.3	6.5	222.9	8.7	206.8	13.8	196.6
06:45	188.6	2.3	226.1	5.7	223.0	8.4	214.5	11.8	201.6
07:00	160.7	1.5	238.0	5.0	226.6	7.9	218.1	10.4	207.9
07:15	143.9	1.8	233.3	5.1	224.0	8.3	212.1	11.0	205.1
07:30	127.9	1.7	213.5	5.2	221.1	9.3	205.9	12.6	198.7
07:45	111.2	1.1	177.4	4.4	218.0	9.0	205.7	12.8	198.8
08:00	105.6	1.6	143.9	3.7	209.2	7.9	208.7	11.8	199.0
08:15	107.4	2.0	150.8	4.3	211.3	8.4	209.5	12.4	198.3
08:30	117.0	2.0	172.2	4.7	214.9	8.4	213.3	13.6	200.4
08:45	127.1	2.3	178.7	4.9	212.3	8.7	210.1	15.0	199.0
09:00	131.1	2.6	169.6	5.3	212.1	9.5	207.4	16.4	197.9
09:15	125.0	3.0	156.8	4.8	207.4	8.6	211.3	13.6	201.6
09:30	120.9	3.2	149.5	4.3	198.9	7.5	213.1	12.5	200.0
09:45	122.7	3.2	147.3	4.7	195.0	7.3	213.3	12.0	199.0
10:00	122.5	3.5	140.9	5.4	193.4	7.3	209.0	11.5	198.0
10:15	120.0	3.8	142.6	5.0	191.8	8.4	196.9	11.0	197.0
10:30	108.4	3.0	141.4	4.5	195.8	8.0	198.7	10.4	196.4
10:45	99.2	2.9	133.1	4.1	196.1	8.2	202.3	10.7	200.1
11:00	97.5	2.4	134.3	4.3	199.2	8.3	201.6	11.5	201.0
11:15	86.8	1.1	163.0	4.6	212.3	8.1	206.6	12.9	200.9
11:30	80.6	.9	201.3	4.7	217.7	8.1	212.2	10.6	208.9
11:45	84.6	1.9	201.7	5.4	217.4	8.3	209.2	10.0	204.1
12:00	92.1	2.4	214.9	6.3	216.2	8.4	206.3	11.9	199.5
12:15	81.8	2.0	224.2	6.7	215.9	9.3	205.4	12.0	200.6

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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						
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	18.5	195.2				
07:00	16.5	204.0				
07:15	14.9	202.7				
07:30	14.9	203.0				
07:45	14.8	203.3				
08:00	14.8	203.6				
08:15	14.8	203.9				
08:30	14.7	204.2				
08:45	14.7	204.5				
09:00	14.6	204.8				
09:15	14.6	205.1				
09:30	14.5	205.4				
09:45	14.4	205.7				
10:00	14.4	206.0				
10:15	14.3	206.3				
10:30	14.3	206.6				
10:45	14.3	206.9				
11:00	14.2	207.2				
11:15	14.2	207.5				
11:30	14.1	207.8				
11:45	14.1	208.1				
12:00	14.0	208.4				
12:15	13.9	208.7				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	13.9	209.0				
12:45	13.8	209.3				
13:00	13.8	209.6				
13:15	13.8	209.9				
13:30	13.7	210.2				
13:45	13.7	210.5				
14:00	13.6	210.6				
14:15	13.6	210.9				
14:30	13.5	211.2				
14:45	13.4	211.5				
15:00	13.4	211.8				
15:15	13.3	212.1				
15:30	13.3	212.4				
15:45	13.3	212.7				
16:00	13.2	213.0				
16:15	13.2	213.3				
16:30	13.1	213.6				
16:45	13.1	213.9				
17:00	13.0	214.2				
17:15	12.9	214.5				
17:30	13.3	217.1				
17:45	13.4	218.0				
18:00	13.4	218.0				
18:15	13.4	218.0				
18:30	13.5	218.0				
18:45	13.5	218.0				
19:00	13.5	218.0				
19:15	13.5	218.0				
19:30	13.6	218.0				
19:45	13.6	218.0				
20:00	13.7	218.0				
20:15	13.7	218.0				
20:30	13.8	218.0				
20:45	13.8	218.0				
21:00	13.9	218.0				
21:15	13.9	218.0				
21:30	14.0	218.0				
21:45	14.0	218.0				
22:00	14.0	218.0				
22:15	14.1	218.0				
22:30	14.1	218.0				
22:45	14.2	218.0				
23:00	14.2	218.0				
23:15	14.2	218.0				
23:30	14.2	218.0				
23:45	14.3	218.0				
Avg	14.0	211.9				
Max	18.5	218.0				
Hr. of Max	27	95				
Min	12.9	195.2				
Count	69	69	0	0	0	0
Total						