

Daily Summary Report

Site: ORNL Sodar

12/31/2018

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			.3	125.0	.3	17.0	.3	44.0	
00:15			.4	118.0	.3	25.0	.4	48.0	
00:30			.4	110.0	.3	33.0	.5	52.0	
00:45			.4	103.0	.3	40.0	.6	56.0	
01:00			.5	96.0	.3	52.0	.7	62.0	
01:15	.1	47.2	.6	89.0	.3	69.0	.8	66.8	.7
01:30	.1	100.5	.6	87.1	.4	59.5	1.0	61.4	.8
01:45	.0	103.5	.3	66.1	.5	51.6	1.1	50.8	1.0
02:00	.1	62.7	.2	260.8	.8	61.0	1.4	47.8	1.3
02:15	.6	73.5	.1	170.4	.9	72.6	1.2	70.8	5.0
02:30	.6	51.3	.3	41.2	1.2	33.1	5.0	35.0	8.0
02:45	.6	52.0	1.8	24.4	5.0	11.0	10.0	3.6	11.5
03:00	.6	53.1	1.7	35.4	2.1	32.7	6.0	23.0	6.0
03:15	.8	44.5	.8	44.4	1.6	55.0	2.1	43.9	3.1
03:30	.9	32.4	.6	55.4	1.7	58.8	1.9	47.9	2.6
03:45	1.0	43.8	.8	60.7	2.0	56.6	2.3	61.3	3.0
04:00	1.1	47.5	1.0	70.5	2.4	60.5	3.0	64.5	9.0
04:15	.6	54.5	.9	68.6	2.5	66.5	3.1	62.6	4.5
04:30	.4	63.4	.9	69.0	2.4	63.5	3.3	64.4	4.0
04:45	.6	58.3	1.3	87.3	2.7	70.5	3.9	73.3	5.3
05:00	.6	53.5	1.5	79.2	2.7	71.4	3.9	74.3	5.1
05:15	.8	44.7	1.4	69.4	2.4	64.1	3.8	70.4	3.6
05:30	.5	25.9	.8	68.1	1.6	62.2	2.8	67.1	2.7
05:45	.3	345.9	.4	46.6	.6	38.8	1.3	50.4	2.3
06:00	.4	297.7	.2	323.7	.5	346.3	1.2	23.1	1.2
06:15	.3	291.3	.4	277.4	.4	344.7	1.0	23.0	.6
06:30	.1	8.9	.6	286.4	.4	334.9	.8	27.3	1.1
06:45	.2	25.5	.5	313.5	.6	344.1	.8	352.3	1.3
07:00	.2	38.5	.5	328.4	.8	340.5	.9	296.2	2.3
07:15	.2	39.1	.7	305.1	.9	301.1	1.6	256.3	3.2
07:30	.3	29.2	.9	269.2	1.5	251.6	2.6	240.1	4.2
07:45	.3	315.9	1.1	240.9	2.3	236.4	3.6	232.8	5.0
08:00	.7	268.9	1.7	237.8	2.9	234.2	4.2	235.4	5.8
08:15	1.4	258.0	2.5	236.6	3.7	232.3	4.8	233.6	6.8
08:30	2.1	229.8	2.7	236.6	4.6	229.6	6.0	232.9	8.5
08:45	2.3	250.0	2.9	239.3	5.0	231.0	6.8	234.2	9.6
09:00	2.2	233.8	3.4	220.9	4.8	228.8	7.1	230.4	9.9
09:15	2.0	235.0	3.8	210.8	4.8	229.7	7.0	228.9	10.3
09:30	3.2	220.0	3.9	216.3	5.2	227.7	7.2	225.5	10.8
09:45	4.4	201.8	3.6	229.8	6.2	222.2	8.6	219.3	12.3
10:00	7.3	198.0	3.9	222.6	6.8	215.9	9.5	212.9	13.1
10:15	5.7	199.1	3.9	214.5	6.3	208.6	8.8	206.4	12.5
10:30	1.9	214.7	3.2	214.5	5.2	206.2	7.1	204.0	10.8
10:45	1.1	208.8	2.3	214.9	4.5	201.7	6.6	201.1	9.4
11:00	3.7	190.6	1.4	215.4	3.9	199.1	6.1	197.8	9.0
11:15	1.4	175.0	1.5	225.7	3.7	208.6	5.8	200.3	9.2
11:30	2.0	168.0	2.3	219.6	4.2	214.2	6.4	204.5	9.3
11:45	2.5	167.0	2.5	223.6	4.3	216.5	6.3	207.1	9.2
12:00	3.0	190.9	2.5	233.2	4.0	219.1	5.9	211.1	8.8
12:15	2.7	191.8	2.3	228.4	3.8	218.0	5.7	210.6	8.8
12:30	2.6	192.0	2.1	220.1	4.1	210.8	6.5	205.4	9.3

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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									
00:15									
00:30									
00:45									
01:00									
01:15	2.1								
01:30	86.9								
01:45	76.0								
02:00	66.0								
02:15	40.0								
02:30	25.0								
02:45	9.0	13.2	15.1	13.5	26.6	9.3	144.7	11.9	156.1
03:00	33.0	12.0	60.0			10.1	149.2	12.4	158.8
03:15	63.8	10.0	120.0	13.0	154.1	9.9	153.4	12.8	160.8
03:30	69.2	11.0	125.0	12.4	153.1	9.3	154.4	13.0	162.0
03:45	87.3	13.9	161.9	8.2	138.5	9.7	158.8	13.5	162.8
04:00	105.0	14.0	160.3	7.8	140.0	10.1	164.6	13.7	177.2
04:15	80.0	7.0	140.4	7.9	148.8	10.1	171.5	13.6	185.3
04:30	114.5	6.3	138.2	8.2	160.4	11.0	175.0	13.3	186.7
04:45	126.0	6.0	138.8	8.4	166.3	11.7	178.3	14.2	189.3
05:00	123.2	5.5	146.8	7.8	175.0	11.6	186.1	15.5	194.1
05:15	117.3	4.3	155.5	7.5	184.8	11.8	190.0	15.4	193.6
05:30	103.7	3.2	153.7	7.9	187.8	12.4	193.0	13.5	202.0
05:45	73.5	2.9	152.3	7.3	192.6	12.3	194.3	16.8	197.8
06:00	65.0	2.9	179.7	7.1	200.5	11.8	196.5	15.5	201.0
06:15	155.3	3.4	197.5	7.9	201.8	12.1	199.1	14.4	205.0
06:30	178.4	3.2	203.5	8.3	202.5	12.6	198.0	14.7	205.8
06:45	224.0	3.7	217.6	8.2	207.7	12.5	200.7	13.0	215.8
07:00	240.7	4.7	220.8	8.0	211.5	11.5	205.1	13.7	216.0
07:15	236.7	5.3	227.1	8.4	212.1	11.2	207.0	14.2	215.7
07:30	229.8	5.9	227.6	9.7	210.8	12.8	204.5	15.8	213.0
07:45	225.2	7.0	221.3	10.8	210.7	13.4	204.3	14.9	216.0
08:00	230.5	7.9	222.8	11.0	211.3	14.9	201.1	15.3	208.0
08:15	230.3	9.2	221.7	11.0	207.9	14.9	200.9	14.3	213.0
08:30	227.3	10.5	220.6	12.3	207.2	14.5	206.3	14.2	214.0
08:45	227.3	12.1	220.9	13.7	207.3	15.2	209.2	14.2	215.0
09:00	223.5	12.9	215.4	14.3	203.7	15.4	207.0	14.2	215.0
09:15	219.4	13.4	211.1	14.3	207.3	15.5	207.0	14.2	216.0
09:30	216.7	14.1	209.6	14.7	211.9	15.5	206.0	14.2	216.0
09:45	214.9	15.7	208.4	17.3	208.9	15.5	206.0	14.2	217.0
10:00	209.9	16.4	206.0	16.4	204.4	15.5	205.0	14.1	217.0
10:15	203.1	14.4	201.7	15.0	198.0	15.5	205.0	14.1	217.0
10:30	199.1	12.5	196.2	16.0	196.0	15.5	205.0	14.1	218.0
10:45	194.5	9.8	191.5	16.0	194.0	15.5	204.0	14.0	218.0
11:00	190.2	12.2	187.7	17.0	191.0	15.5	204.0	14.0	218.0
11:15	192.3	12.6	189.5	17.4	189.0	15.5	204.0	13.9	219.0
11:30	195.2	12.6	191.4	16.2	190.0	15.5	204.0	13.8	219.0
11:45	197.8	12.4	193.0	16.3	192.0	15.5	203.0	13.8	219.0
12:00	201.3	12.0	194.8	14.0	196.0	15.5	203.0	13.7	220.0
12:15	201.8	11.7	195.5	11.2	201.8	15.5	203.0	13.7	220.0
12:30	199.5	11.3	194.7	12.0	202.0	15.5	203.0	13.6	220.0

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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	14.4	142.8	17.9	134.4	17.3	137.3
03:00	15.4	140.1	17.3	137.5	17.8	134.5
03:15	16.4	142.5	16.4	140.7	17.3	139.9
03:30	16.0	142.9	16.0	160.0	17.0	160.0
03:45	15.5	170.0	16.0	180.0	17.0	180.0
04:00	15.0	195.0	16.0	200.0	17.0	200.0
04:15	14.6	214.8	15.7	221.7	16.8	223.7
04:30	14.7	215.6	15.1	220.6	15.6	223.6
04:45	14.3	221.9	17.1	221.8	15.9	219.4
05:00	17.0	210.0	16.6	219.2	17.1	220.6
05:15	16.5	213.0	16.5	220.0	16.5	221.0
05:30	16.0	216.0	16.5	221.0	16.0	222.0
05:45	15.8	219.0	16.0	222.0	15.0	222.0
06:00	15.5	222.0	16.0	222.0	14.5	223.0
06:15	15.3	224.0	15.5	223.0	14.0	224.0
06:30	15.0	227.0	15.0	224.0	13.5	225.0
06:45	14.7	229.9	14.9	224.2	13.1	225.9
07:00	15.0	230.0	15.0	225.0		
07:15	15.0	232.0	15.0	225.0		
07:30	15.3	233.0	15.3	226.0		
07:45	15.6	233.2	15.4	226.4		
08:00	14.8	217.0	14.0	224.0		
08:15	14.0	221.0	13.5	226.0		
08:30						
08:45						
09:00						
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09:30						
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10:45						
11:00						
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11:30						
11:45						
12:00						
12:15						
12:30						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45						
13:00						
13:15						
13:30						
13:45						
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22:45						
23:00						
23:15						
23:30						
23:45						
Avg	15.3	204.9	15.8	206.3	16.0	200.1
Max	17.0	233.2	17.9	226.4	17.8	225.9
Hr. of Max	20	31	11	31	12	27
Min	14.0	140.1	13.5	134.4	13.1	134.5
Count	23	23	23	23	17	17
Total						