

Atlantatemperatures																							
C	5																						
T	50																						
M	88.48	86.42	87.70	89.23	88.82	85.94	89.00	85.30	85.20	86.70	88.44	89.92	87.00	85.66	91.14	90.70	89.58	85.42	87.30	88.27			
StdDev	4.90	4.30	3.92	5.45	7.32	3.80	4.50	3.81	4.56	3.69	5.29	6.47	4.30	5.00	3.57	6.15	5.61	5.03	3.63	4.78	4.80		
DATE of Change	28-Sep	23-Sep	9-Sep	17-Sep	5-Sep	15-Sep	13-Sep	13-Sep	7-Sep	3-Oct	6-Sep	13-Sep	26-Aug	2-Sep	26-Sep	6-Sep	23-Aug	16-Aug	23-Sep	9-Sep			11-Sep
day/year	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Mean	Stdev	
1-Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88.85	6.85	
2-Jul	0	0	0	7.227848101	0	0	0	4.303797468	4.202531646	0	4.924050633	0	0	7.139240506	0	0.417721519	0	0.17721519	0	1.265822785	88.35	4.49	
3-Jul	0	0	0	9.455696203	0	0	2	2.607594937	3.405063291	0.696202532	0	12.84810127	0	0	15.27848101	0	0	9.835443038	0.303797468	10.53164557	88.4	5.81	
4-Jul	0	0	0	10.68354443	0	1.936708861	2	1.911392405	0.607594937	1.392405063	0	16.7721519	0	0	21.41772152	0	0	18.25316456	3.607594937	13.79746835	88.35	4.53	
5-Jul	0	2.417721519	0	9.911392405	0	1.873417722	0	7.215189873	0	0	0	18.69620253	0	5.658227848	24.55696203	0.696202532	0	20.67088608	4.911392405	18.06329114	88.25	4.88	
6-Jul	0	4.835443038	0	8.139240506	0	0.810126582	0	8.518987342	0	4.696202532	7.443037975	21.62025316	5	4.316455696	26.69620253	1.392405063	0	23.08860759	5.215189873	22.32911392	87.85	4.76	
7-Jul	0	16.25316456	0	15.36708861	0	0	0	6.82278481	0	15.39240506	15.88607595	29.5443038	4	3.974683544	23.83544304	0	0	29.50632911	3.518987342	20.59493671	87.1	6.23	
8-Jul	0	15.67088608	0	18.59493671	0	0	0	2.126582278	0	14.08860759	22.32911392	37.46835443	1	7.632911392	17.97468354	0	0	26.92405063	0.82278481	18.86075949	89.15	4.22	
9-Jul	0	18.08860759	0	20.82278481	0	0	0	0	0	11.78481013	26.7721519	38.39240506	0	9.291139241	13.11392405	0	0	24.34177215	0	16.12658228	90.05	3.89	
10-Jul	0	17.50632911	0	23.05063291	0	0	0	1.303797468	0	20.48101266	31.21518987	42.3164557	0	10.94936709	14.25316456	0	0	22.75949367	0.303797468	11.39240506	88.55	4.65	
11-Jul	0	19.92405063	0	30.27848101	0	0	5	2.607594937	0	24.17721519	29.65822785	47.24050633	0	10.60759494	12.39240506	0	0	28.17721519	2.607594937	7.658227848	87.95	4.47	
12-Jul	0	18.34177215	1.696202532	42.50632911	0	0	17	1.911392405	0	24.87341772	27.10126582	50.16455696	0	6.265822785	13.53164557	0	5.582278481	26.59493671	0	2.924050633	88.15	4.76	
13-Jul	0	18.75949367	1.392405063	58.73417722	0	0	24	0.215189873	0	27.56962025	24.5443038	54.08860759	2	7.924050633	13.67088608	0	5.164556962	34.01265823	0	0	87.2	5.45	
14-Jul	0	15.17721519	2.088607595	66.96202532	0	3.936708861	25	1.518987342	0	27.26582278	21.98734177	60.01265823	1	4.582278481	13.81012658	0.696202532	4.746835443	34.43037975	0	0	88.2	3.44	
15-Jul	1.481012658	10.59493671	0	75.18987342	0	7.873417722	23	0.82278481	1.202531646	29.96202532	19.43037975	68.93670886	0	1.240506329	10.94936709	11.39240506	4.329113924	33.84810127	1.303797468	0	87	4.36	
16-Jul	0	6.012658228	0.696202532	78.41772152	0	9.810126582	19	0	2.405063291	31.65822785	16.87341772	72.86075949	0	0	13.08860759	17.08860759	1.911392405	32.26582278	5.607594937	0.265822785	88.1	3.11	
17-Jul	0	3.430379747	0	85.64556962	0	8.746835443	15	0	3.607594937	29.35443038	12.3164557	73.78481013	0	0	17.2278481	20.78481013	0	26.6835443	6.911392405	0	89.2	3.40	
18-Jul	0	0.848101266	0	87.87341772	0	6.683544304	11	0	1.810126582	26.05063291	7.759493671	74.70886076	0	3.658227848	25.36708861	22.48101266	0	25.10126582	12.21518987	0	89.25	4.04	
19-Jul	0	0	0	89.10126582	0	2.620253165	7	0	3.012658228	23.74683544	0.202531646	76.63291139	0	9.316455696	26.50632911	19.17721519	0	20.51898734	14.51898734	0	90.4	4.57	
20-Jul	0	0	0	88.32911392	0	1.556962025	5	0	0.215189873	21.44303797	0	80.55696203	0	12.97468354	26.64556962	18.87341772	5.582278481	19.93670886	25.82278481	0	89.4	5.33	
21-Jul	0	0	0	87.55696203	0	3.493670886	0	0	0	18.13924051	0	84.48101266	0	12.63291139	23.78481013	17.56962025	5.164556962	18.35443038	31.12658228	0	89.95	3.58	
22-Jul	0	2.417721519	0	85.78481013	0	2.430379747	0	0	0	13.83544304	0	95.40506329	0	14.29113924	19.92405063	14.26582278	0	18.7721519	35.43037975	0	89.45	4.74	
23-Jul	0	1.835443038	0	82.01265823	1.82278481	0	0	4.303797468	0	9.53164557	2.443037975	103.3291139	0	12.94936709	14.06329114	12.96202532	0	20.18987342	34.73417722	0.265822785	89.05	4.27	
24-Jul	0	0.253164557	0	78.24050633	8.64556962	1.936708861	2	7.607594937	0	6.227848101	3.886075949	106.2531646	0	6.227848101	11.20253165	11.65822785	0	19.60759494	35.03797468	0	89.1	4.14	
25-Jul	0	0	1.696202532	76.46835443	22.46835443	5.873417722	7	8.911392405	0	0.924050633	4.329113924	109.1772152	0	6.265822785	7.341772152	12.35443038	0	16.02531646	34.34177215	0	88	4.86	
26-Jul	0	0	1.392405063	72.69620253	29.29113924	3.810126582	10	7.215189873	0	0	0	112.1012658	0	0	3.481012658	9.050632911	0	15.44303797	32.64556962	0	89.5	4.08	
27-Jul	1.481012658	0	9.088607595	68.92405063	30.11392405	0	10	5.518987342	1.202531646	0	0	112.0253165	0	0	1.620253165	5.746835443	0	18.86075949	27.94936709	0	89.55	4.56	
28-Jul	5.962025316	0	8.784810127	65.15189873	27.93670886	1.936708861	8	1.82278481	0	0	0	112.9493671	0	0	2.759493671	6.443037975	0	18.27848101	25.25316456	0	89.95	3.99	
29-Jul	0	0	7.481012658	61.37974684	27.75949367	0	6	0	0	3.696202532	0	115.8734177	0	0.658227848	0	4.139240506	0	17.69620253	30.55696203				

30-Sep	71.65822785	137.8987342	147.3417722	201.6582278	314.3291139	170.8481013	200	146.8987342	197.3417722	39.4556962	251.5949367	179.3417722	170	183.0379747	93.29113924	251.7974684	254.7721519	115.0506329	121.9873418	247.3670886	77	5.81
1-Oct	89.13924051	149.3164557	149.0379747	217.8860759	326.1518987	181.7848101	207	160.2025316	200.5443038	43.15189873	257.0379747	189.2658228	183	192.6962025	105.4303797	277.4936709	269.3544304	118.4683544	123.2911392	264.6329114	77.1	6.01
2-Oct	100.6202532	162.7341772	158.7341772	232.1139241	335.9746835	187.721519	212	177.5063291	203.7468354	44.84810127	264.4810127	197.1898734	196	203.3544304	118.5696203	300.1898734	286.9367089	121.8860759	125.5949367	286.8987342	76.95	5.84
3-Oct	100.1012658	174.1518987	169.4303797	237.3417722	342.7974684	192.6582278	217	196.8101266	208.9493671	48.5443038	270.9240506	210.1139241	203	213.0126582	141.7088608	315.8860759	302.5189873	125.3037975	134.8987342	309.164557	77.7	5.73
4-Oct	113.5822785	182.5696203	175.1265823	255.5696203	350.6202532	198.5949367	224	205.1139241	213.1518987	50.24050633	275.3670886	220.0379747	207	224.6708861	165.8481013	326.5822785	310.1012658	125.721519	157.2025316	327.4303797	77.85	6.16
5-Oct	131.0632911	187.9873418	180.8227848	271.7974684	357.443038	205.5316456	226	212.4177215	218.3544304	55.93670886	277.8101266	228.9620253	211	248.3291139	186.9873418	334.278481	317.6835443	127.1392405	173.5063291	342.6962025	78.2	6.78
6-Oct	150.5443038	192.4050633	195.5189873	290.0253165	373.2658228	221.4683544	229	222.721519	228.556962	70.63291139	290.2531646	236.8860759	216	262.9873418	205.1265823	343.9746835	324.2658228	128.556962	182.8101266	354.9620253	76.35	5.72
7-Oct	174.0253165	196.8227848	201.2151899	306.2531646	396.0886076	239.4050633	238	235.0253165	238.7594937	85.32911392	306.6962025	243.8101266	221	269.6455696	215.2658228	355.6708861	345.8481013	139.9746835	188.1139241	362.2278481	75.6	6.54
8-Oct	179.5063291	201.2405063	219.9113924	322.4810127	429.9113924	246.3417722	256	247.3291139	250.9620253	99.02531646	323.1392405	250.7341772	236	275.3037975	224.4050633	368.3670886	372.4303797	153.3924051	189.4177215	368.4936709	74.8	7.36
9-Oct	192.9873418	207.6582278	235.6075949	339.7088608	463.7341772	266.278481	279	259.6329114	265.164557	115.721519	332.5822785	259.6582278	248	275.9620253	230.5443038	387.0632911	392.0126582	162.8101266	190.721519	375.7594937	74.25	7.64
10-Oct	204.4683544	212.0759494	250.3037975	356.9367089	488.556962	279.2151899	298	271.9367089	279.3670886	125.4177215	341.0253165	268.5822785	258	287.6202532	235.6835443	409.7594937	408.5949367	168.2278481	192.0253165	393.0253165	75.15	5.83
11-Oct	218.9493671	216.4936709	260	373.164557	506.3797468	290.1518987	309	291.2405063	287.5696203	130.1139241	349.4683544	291.5063291	267	296.278481	240.8227848	435.4556962	423.1772152	174.6455696	193.3291139	408.2911392	75.85	6.10
12-Oct	233.4303797	223.9113924	269.6962025	392.3924051	522.2025316	298.0886076	314	298.5443038	299.7721519	142.8101266	366.9113924	309.4303797	277	315.9367089	251.9620253	453.1518987	433.7594937	179.0632911	195.6329114	420.556962	75.8	4.99
13-Oct	243.9113924	230.3291139	279.3924051	417.6202532	536.0253165	306.0253165	324	305.8481013	320.9746835	152.5063291	393.3544304	325.3544304	287	328.5949367	263.1012658	469.8481013	448.3417722	182.4810127	197.9367089	427.8227848	75.45	6.08
14-Oct	248.3924051	248.7468354	292.0886076	431.8481013	549.8481013	316.9620253	345	313.1518987	343.1772152	161.2025316	412.7974684	337.278481	294	348.2531646	281.2405063	483.5443038	460.9240506	190.8987342	210.2405063	438.0886076	74.2	4.81
15-Oct	250.8734177	272.164557	300.7848101	448.0759494	561.6708861	327.8987342	377	329.4556962	366.3797468	168.8987342	431.2405063	349.2025316	300	372.9113924	294.3797468	494.2405063	473.5063291	208.3164557	228.5443038	445.3544304	72.9	7.56
16-Oct	254.3544304	301.5822785	310.4810127	460.3037975	570.4936709	351.835443	400	342.7594937	380.5822785	179.5949367	460.6835443	363.1265823	304	397.5696203	309.5189873	500.9367089	489.0886076	219.7341772	245.8481013	456.6202532	72.65	7.89
17-Oct	255.835443	322	321.1772152	469.5316456	579.3164557	377.7721519	425	360.0632911	390.7848101	191.2911392	478.1265823	371.0506329	322	432.2278481	320.6582278	506.6329114	503.6708861	233.1518987	253.1518987	474.8860759	73.1	8.48
18-Oct	273.3164557	344.4177215	330.8734177	487.7594937	588.1392405	399.7088608	446	375.3670886	402.9873418	196.9873418	489.5696203	383.9746835	342	462.8860759	333.7974684	517.3291139	519.2531646	245.5696203	264.4556962	497.1518987	71.9	6.84
19-Oct	293.7974684	361.835443	336.5696203	510.9873418	603.9620253	414.6455696	464	385.6708861	420.1898734	200.6835443	502.0126582	397.8987342	364	487.5443038	342.9367089	541.0253165	535.835443	267.9873418	278.7594937	521.4177215	71.05	6.61
20-Oct	309.278481	378.2531646	349.2658228	540.2151899	619.7848101	425.5822785	480	392.9746835	434.3924051	204.3797468	521.4556962	412.8227848	385	505.2025316	357.0759494	572.721519	554.4177215	283.4050633	293.0632911	538.6835443	71.25	5.63
21-Oct	313.7594937	394.6708861	363.9620253	565.443038	633.6075949	432.5189873	498	394.278481	446.5949367	211.0759494	540.8987342	424.7468354	400	519.8607595	368.2151899	600.4177215	568	296.8227848	303.3670886	550.9493671	74.1	5.36
22-Oct	316.2405063	419.0886076	388.6582278	581.6708861	643.4303797	438.4556962	523	401.5822785	458.7974684	230.7721519	559.3417722	442.6708861	419	531.5189873	381.3544304	623.1139241	578.5822785	313.2405063	320.6708861	560.2151899	72.35	6.01
23-Oct	330.721519	442.5063291	413.3544304	613.8987342	657.2531646	443.3924051	553	408.8860759	474	247.4683544	594.7848101	451.5949367	444	545.1772152	396.4936709	643.8101266	590.164557	335.6582278	335.9746835	567.4810127	69.65	8.42
24-Oct	341.2025316	466.9240506	429.0506329	644.1265823	671.0759494	450.3291139	574	421.1898734	486.2025316	278.164557	627.2278481	482.5189873	477	561.835443	406.6329114	661.5063291	600.7468354	355.0759494	349.278481	579.7468354	68.85	8.42
25-Oct	351.6835443	478.3417722	441.7468354	669.3544304	681.8987342	463.2658228	603	433.4936709	493.4050633	310.8607595	660.6708861	511.443038	497	582.4936709	421.7721519	676.2025316	610.3291139	384.4936709	359.5822785	597.0126582	69.35	8.42
26-Oct	360.164557	493.7594937	450.443038	689.5822785	695.721519	485.2025316	624	450.7974684	499.6075949	336.556962	687.1139241	533.3670886	514	603.1518987	427.9113924	689.8987342	619.9113924	408.9113924	362.8860759	618.278481	71.4	7.44
27-Oct	368.6455696	523.1772152	459.1392405	703.8101266	706.5443038	520.1392405	644	472.1012658	503.8101266	360.2531646	709.556962	556.2911392	542	628.8101266	443.0506329	701.5949367	639.4936709	425.3291139	366.1898734	650.5443038	68.9	9.36
28-Oct	371.1265823	554.5949367	467.835443	720.0379747	715.3670886	551.0759494	658	500.4050633	511.0126582	384.9493671	735	576.2151899	579	643.4683544	460.1898734	718.2911392	673.0759494	446.7468354	376.4936709	660.8101266	68.6	9.92
29-Oct	372.6075949	577.0126582	477.5316456	737.2658228	729.1898734	574.0126582	672	515.7088608	521.2151899	407.6455696	751.443038	604.1392405	607	654.1265823	483.3291139	749.9873418	706.6582278	457.164557	390.7974684	679.0759494	69.35	7.14
30-Oct	374.0886076	597.4303797	483.2278481	751.4936709	741.0126582	587.9493671	693	524.0126582	528.4177215	425.3417722	766.8860759	627.0632911	629	673.7848101	503.4683544	779.6835443	740.2405063	464.5822785	410.1012658	697.3417722	71.05	6.82
31-Oct	376.5696203	623.8481013	491.9240506	765.721519	751.835443	602.8860759	722	534.3164557	531.6202532	442.0379747	787.3291139	645.9873418	649	690.443038	519.6075949	805.3797468	764.8227848	476	434.4050633	723.6075949	70.5	6.79