

**100-year return maximum  
temperatures (F)**

<b>Waynesboro</b>	111.21
<b>Augusta</b>	110.81
<b>Louisville</b>	111.15

**100-year return minimum  
temperatures (F)**

<b>Waynesboro</b>	-3.14
<b>Augusta</b>	-1.66
<b>Aiken</b>	-3.94

YEARLY EXTREMES from the 2001 ASHRAE Handbook pg 27.3			
Year	Waynesboro	Augusta	Louisville
1931			104
1932			102
1933			103
1934			103
1935			102
1936			105
1937			99
1938			100
1939			105
1940	100		97
1941	102		105
1942	103		102
1943	102		100
1944	104		105
1945	102		102
1946	98		97
1947	97		99
1948	103		103
1949	103		101
1950	107		106
1951	104	103	105
1952	108	106	112
1953	102	101	104
1954	106	103	107
1955	98	97	99
1956	101	96	99
1956	97	104	105
1957	100	102	103
1958	100	100	103
1959	102	100	102
1960	94	100	96
1961	98	99	100
1962	100	102	98
1963	99	100	99
1964	99	99	101
1965	99	96	98

Year	Waynesboro	Augusta	Louisville
1966	98	99	98
1967	96	94	95
1968	103	104	100
1969	102	98	99
1970	105	102	102
1971	100	100	98
1972	100	100	99
1973	97	97	98
1974	98	94	96
1975	98	98	99
1976	97	100	99
1977	103	104	101
1978	105	103	104
1979	98	99	97
1980	108	107	103
1981	102	101	99
1982	98	100	95
1983	105	108	104
1984	97	101	100
1985	100	104	102
1986	104	106	105
1987	101	103	102
1988	100	100	101
1989	97	98	98
1990		104	103
1991		98	98
1992	96	99	98
1993	101	104	101
1994	94	95	94
1995	99	100	102
1996	101	100	103
1997	99	100	100
1998	104	103	105
1999	106	107	105
2000	105	101	104
2001	94	97	100
2002	101	101	101
2003	94	94	95
2004	98	99	99
2005	98	99	100

	Mean of the annual extremes	standard deviation	I	F	100-year return maximum
Waynesboro	100.4615385	3.428177919	1	3.136683293	111.2146469
Augusta	100.5178571	3.280748648	1	3.136683293	110.8085266
Louisville	100.9605263	3.247320083	1	3.136683293	111.146341

YEARLY EXTREMES from the 2001 ASHRAE Handbook pg 27.3			
Year	Waynesboro	Augusta	Louisville
1911			19
1912			11
1913			21
1914			18
1915			22
1916			18
1917			6
1918			9
1919			15
1920			12
1921			25
1922			20
1923			20
1924			10
1925			13
1926			23
1927			12
1928			8
1929			18
1930			23
1931			20
1932			18
1933			15
1934			14
1935			14
1936			12
1937			11
1938			13
1939			18
1940	22		6
1941	22		21
1942	20		11
1943	13		8
1944	18		20
1945	20		18
1946	20		18
1947	27		18
1948	15		11
1949	27		24
1950	29		11
1951	23	16	11
1952	23	20	21
1953	27	13	17
1954	18	18	22
1955	17	15	17
1956	21	21	21
1957	22	17	13
1958	14	14	9
1959	10	10	15
1960	15	15	14
1961		13	13
1962	17	10	5
1963	5	6	15
1964	10	14	14

Year	Waynesboro	Augusta	Louisville
1965	15	14	20
1966	19	19	5
1967	4	6	10
1968	14	12	17
1969	15	16	13
1970	22	11	4
1971	5	5	13
1972	16	14	14
1973	17	15	9
1974	9	9	17
1975	19	17	17
1976	13	17	12
1977	14	12	14
1978	9	11	
1979	12	14	
1980	14	16	10
1981	15	12	7
1982	9	5	3
1983	7	1	4
1984	6	6	12
1985	14	17	-4
1986	-1	-1	7
1987	9	10	18
1988	22	21	14
1989	15	17	13
1990	13	17	20
1991	24	24	14
1992		17	20
1993	15	14	14
1994	16	18	11
1995	12	15	9
1996	13	14	10
1997	9	11	17
1998	20	20	
1999	21	19	11
2000	14	13	12
2001	17	13	10
2002	14	12	11
2003	17	16	11
2004	15	14	20
2005	18	17	15
2006	13	12	

	Mean of the annual extremes	standard deviation	I	F	100-year return maximum
Waynesboro	15.67692308	5.997675832	-1	3.136683293	-3.135886502
Augusta	13.64285714	4.878258152	-1	3.136683293	-1.658693702
Aiken	13.9673913	5.71020897	-1	3.136683293	-3.943725773