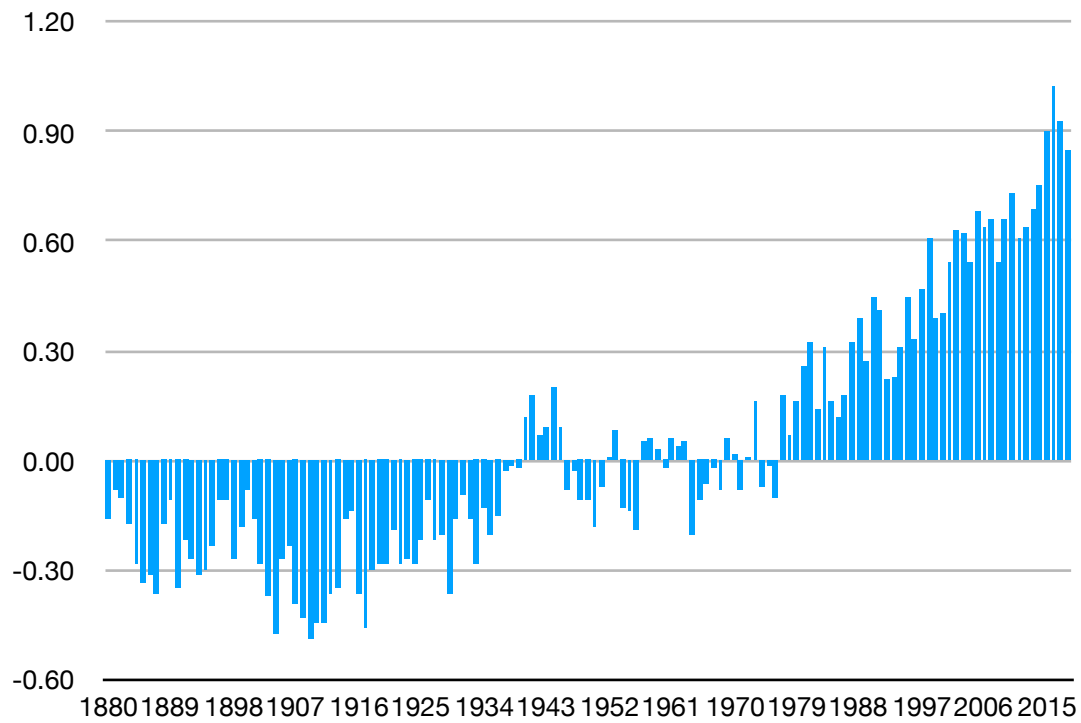


Global Mean Temperature Anomaly (°C), Based on the 1951-1980 Average, 1880 to 2018



Global Mean Temperature Anomaly (°C), Based on the 1951-1980 Average, 1880 to 2018

| Years | Average | | | | |
|-------|---------|--|--|--|--|
| 1880 | -0.16 | | | | |
| 1881 | -0.08 | | | | |
| 1882 | -0.10 | | | | |
| 1883 | -0.17 | | | | |
| 1884 | -0.28 | | | | |
| 1885 | -0.33 | | | | |
| 1886 | -0.31 | | | | |
| 1887 | -0.36 | | | | |
| 1888 | -0.17 | | | | |
| 1889 | -0.11 | | | | |
| 1890 | -0.35 | | | | |
| 1891 | -0.22 | | | | |
| 1892 | -0.27 | | | | |
| 1893 | -0.31 | | | | |
| 1894 | -0.30 | | | | |
| 1895 | -0.23 | | | | |
| 1896 | -0.11 | | | | |
| 1897 | -0.11 | | | | |

| Years | Average | | | | |
|--------------|----------------|--|--|--|--|
| 1898 | -0.27 | | | | |
| 1899 | -0.18 | | | | |
| 1900 | -0.08 | | | | |
| 1901 | -0.16 | | | | |
| 1902 | -0.28 | | | | |
| 1903 | -0.37 | | | | |
| 1904 | -0.47 | | | | |
| 1905 | -0.27 | | | | |
| 1906 | -0.23 | | | | |
| 1907 | -0.39 | | | | |
| 1908 | -0.43 | | | | |
| 1909 | -0.49 | | | | |
| 1910 | -0.44 | | | | |
| 1911 | -0.44 | | | | |
| 1912 | -0.36 | | | | |
| 1913 | -0.35 | | | | |
| 1914 | -0.16 | | | | |
| 1915 | -0.14 | | | | |
| 1916 | -0.36 | | | | |
| 1917 | -0.46 | | | | |
| 1918 | -0.30 | | | | |
| 1919 | -0.28 | | | | |
| 1920 | -0.28 | | | | |
| 1921 | -0.19 | | | | |
| 1922 | -0.28 | | | | |
| 1923 | -0.27 | | | | |
| 1924 | -0.28 | | | | |
| 1925 | -0.22 | | | | |
| 1926 | -0.11 | | | | |
| 1927 | -0.22 | | | | |
| 1928 | -0.20 | | | | |
| 1929 | -0.36 | | | | |
| 1930 | -0.16 | | | | |
| 1931 | -0.09 | | | | |
| 1932 | -0.16 | | | | |
| 1933 | -0.28 | | | | |

| Years | Average | | | | |
|-------|---------|--|--|--|--|
| 1934 | -0.13 | | | | |
| 1935 | -0.20 | | | | |
| 1936 | -0.15 | | | | |
| 1937 | -0.03 | | | | |
| 1938 | -0.01 | | | | |
| 1939 | -0.02 | | | | |
| 1940 | 0.12 | | | | |
| 1941 | 0.18 | | | | |
| 1942 | 0.07 | | | | |
| 1943 | 0.09 | | | | |
| 1944 | 0.20 | | | | |
| 1945 | 0.09 | | | | |
| 1946 | -0.08 | | | | |
| 1947 | -0.03 | | | | |
| 1948 | -0.11 | | | | |
| 1949 | -0.11 | | | | |
| 1950 | -0.18 | | | | |
| 1951 | -0.07 | | | | |
| 1952 | 0.01 | | | | |
| 1953 | 0.08 | | | | |
| 1954 | -0.13 | | | | |
| 1955 | -0.14 | | | | |
| 1956 | -0.19 | | | | |
| 1957 | 0.05 | | | | |
| 1958 | 0.06 | | | | |
| 1959 | 0.03 | | | | |
| 1960 | -0.02 | | | | |
| 1961 | 0.06 | | | | |
| 1962 | 0.04 | | | | |
| 1963 | 0.05 | | | | |
| 1964 | -0.20 | | | | |
| 1965 | -0.11 | | | | |
| 1966 | -0.06 | | | | |
| 1967 | -0.02 | | | | |
| 1968 | -0.08 | | | | |
| 1969 | 0.06 | | | | |

| Years | Average | | | | |
|--------------|----------------|--|--|--|--|
| 1970 | 0.02 | | | | |
| 1971 | -0.08 | | | | |
| 1972 | 0.01 | | | | |
| 1973 | 0.16 | | | | |
| 1974 | -0.07 | | | | |
| 1975 | -0.01 | | | | |
| 1976 | -0.10 | | | | |
| 1977 | 0.18 | | | | |
| 1978 | 0.07 | | | | |
| 1979 | 0.16 | | | | |
| 1980 | 0.26 | | | | |
| 1981 | 0.32 | | | | |
| 1982 | 0.14 | | | | |
| 1983 | 0.31 | | | | |
| 1984 | 0.16 | | | | |
| 1985 | 0.12 | | | | |
| 1986 | 0.18 | | | | |
| 1987 | 0.32 | | | | |
| 1988 | 0.39 | | | | |
| 1989 | 0.27 | | | | |
| 1990 | 0.45 | | | | |
| 1991 | 0.41 | | | | |
| 1992 | 0.22 | | | | |
| 1993 | 0.23 | | | | |
| 1994 | 0.31 | | | | |
| 1995 | 0.45 | | | | |
| 1996 | 0.33 | | | | |
| 1997 | 0.47 | | | | |
| 1998 | 0.61 | | | | |
| 1999 | 0.39 | | | | |
| 2000 | 0.40 | | | | |
| 2001 | 0.54 | | | | |
| 2002 | 0.63 | | | | |
| 2003 | 0.62 | | | | |
| 2004 | 0.54 | | | | |
| 2005 | 0.68 | | | | |

| Years | Average | | | | |
|--------------|----------------|--|--|--|--|
| 2006 | 0.64 | | | | |
| 2007 | 0.66 | | | | |
| 2008 | 0.54 | | | | |
| 2009 | 0.66 | | | | |
| 2010 | 0.73 | | | | |
| 2011 | 0.61 | | | | |
| 2012 | 0.64 | | | | |
| 2013 | 0.69 | | | | |
| 2014 | 0.75 | | | | |
| 2015 | 0.90 | | | | |
| 2016 | 1.02 | | | | |
| 2017 | 0.93 | | | | |
| 2018 | 0.85 | | | | |