

GLOBAL TEMPERATURE TREND, 1856–2004

This table and graph summarize the trend in annual mean global surface temperature from 1856 to 2004. The values were calculated from mean temperature anomalies by assuming an absolute global mean of 14.00°C, which is the best estimate for the 1961–1990 period. The 95% confidence interval for the annual mean temperature values since 1951 is $\pm 0.12^\circ\text{C}$; prior to 1900 this interval is $\pm 0.18^\circ\text{C}$.

Reference

Jones, P. D., Parker, D. E., Osborn, T. J., and Briffa, K. R., Global and hemispheric temperature anomalies--land and marine instrumental records, Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory, U.S. Department of Energy, Oak Ridge, TN; <cdiac.esd.ornl.gov/trends/temp/jonescru/jones.html>.

Year	t/°C	Year	t/°C	Year	t/°C	Year	t/°C	Year	t/°C
1856	13.621	1887	13.657	1918	13.590	1949	13.903	1980	14.102
1857	13.538	1888	13.689	1919	13.708	1950	13.790	1981	14.133
1858	13.584	1889	13.800	1920	13.707	1951	13.907	1982	14.019
1859	13.775	1890	13.587	1921	13.783	1952	13.975	1983	14.226
1860	13.628	1891	13.647	1922	13.677	1953	14.045	1984	14.031
1861	13.596	1892	13.593	1923	13.701	1954	13.830	1985	14.014
1862	13.473	1893	13.551	1924	13.653	1955	13.811	1986	14.096
1863	13.727	1894	13.586	1925	13.754	1956	13.728	1987	14.253
1864	13.526	1895	13.638	1926	13.884	1957	13.994	1988	14.240
1865	13.733	1896	13.801	1927	13.782	1958	14.061	1989	14.163
1866	13.777	1897	13.814	1928	13.773	1959	14.014	1990	14.310
1867	13.709	1898	13.661	1929	13.639	1960	13.972	1991	14.251
1868	13.775	1899	13.750	1930	13.848	1961	14.015	1992	14.116
1869	13.695	1900	13.808	1931	13.901	1962	14.008	1993	14.179
1870	13.704	1901	13.744	1932	13.863	1963	14.039	1994	14.232
1871	13.649	1902	13.651	1933	13.761	1964	13.767	1995	14.373
1872	13.734	1903	13.555	1934	13.861	1965	13.834	1996	14.227
1873	13.673	1904	13.557	1935	13.828	1966	13.916	1997	14.411
1874	13.624	1905	13.629	1936	13.879	1967	13.907	1998	14.579
1875	13.576	1906	13.708	1937	13.976	1968	13.895	1999	14.340
1876	13.548	1907	13.495	1938	14.076	1969	14.040	2000	14.290
1877	13.789	1908	13.523	1939	13.962	1970	13.969	2001	14.422
1878	13.943	1909	13.553	1940	13.917	1971	13.813	2002	14.475
1879	13.713	1910	13.558	1941	14.028	1972	13.959	2003	14.475
1880	13.704	1911	13.535	1942	13.980	1973	14.093	2004	14.455
1881	13.754	1912	13.594	1943	14.001	1974	13.829		
1882	13.738	1913	13.607	1944	14.158	1975	13.877		
1883	13.682	1914	13.752	1945	14.039	1976	13.800		
1884	13.651	1915	13.841	1946	13.880	1977	14.057		
1885	13.650	1916	13.627	1947	13.895	1978	13.964		
1886	13.746	1917	13.505	1948	13.907	1979	14.067		

Annual Mean Global Temperature in °C

