

60 F To Centigrade

While units of heat are often supplanted by energy units in scientific work, they are still used in some fields. For example, in the United States the price of natural gas is quoted in dollars per the amount of natural gas that would give 1 million Btu (1 "MMBtu") of heat energy if burned. b346bc6d48 and to a lesser extent in mining and geology. b346bc6d48 == Definitions == b346bc6d48

Climate of London Met Office Forecast for London Note: The Great Sink of 1858 Registered Temperatures up to 48 Centigrade and for Weeks averaged 34 - 36 in the Shade b346bc6d48

Celsius temperature on the Celsius temperature scale (originally known as the centigrade scale in English), one of two temperature scales used in the International The degree Celsius is the unit of temperature on the Celsius temperature scale (originally known as the centigrade scale in English), one of two temperature scales used in the International System of Units (SI), the other being the closely related Kelvin scale. The unit was called centigrade in several languages (from the Latin centum, which means 100, and gradus, which means steps) for many years. Most countries use this scale, with the exception of the United States, some island territories, and Liberia, where the Fahrenheit scale is still used. It is named after the Swedish astronomer Anders Celsius (1701–1744), who proposed the first version of it in 1742. In 1948, the International Committee for Weights and Measures renamed it to honor Celsius and also to remove confusion with the term for one hundredth of a gradian in some languages. The degree Celsius (symbol: °C) can refer to a specific point on the Celsius temperature scale or to a difference or range between two temperatures b346bc6d48

In continental Europe, the French word centigrade, also known as centesimal minute of arc, was in use for one hundredth of a grade; similarly, the centesimal second of arc was defined as one hundredth of a centesimal arc-minute, analogous to decimal time and the sexagesimal minutes and seconds of arc. The chance of confusion was one reason for the adoption of the term Celsius to replace centigrade as the name of the temperature scale. b346bc6d48 For much of the 20th century, the Fahrenheit scale was defined by two fixed points with a 180 °F separation: the temperature at which pure water freezes was defined as 32 °F and the boiling point of water was defined to be 212 °F, both at sea level and under standard atmospheric pressure. It is now formally defined using the Kelvin scale. b346bc6d48

British thermal unit The SI unit for energy is the joule (J); one Btu equals about 1,055 J (varying within the range of 1,054–1,060 J depending on the specific definition of Btu; see below). 45 kg) The British thermal unit (Btu) is a measure of heat, which is a form of energy. The centigrade heat unit (CHU) is the amount of heat required to raise the temperature of one pound (0. It was originally defined as the amount of heat required to raise the temperature of one pound of water by one degree Fahrenheit. 1 kWh/kWh), an efficiency of 32–33%. It is also part of the United States customary units. (3 b346bc6d48

Throughout the 19th and the first half of the 20th centuries, the scale was based on 0 °C for the freezing point of water and 100 °C for the boiling point of water at 1 atm pressure. (In Celsius's initial... b346bc6d48 Gradians (gons) are principally used in surveying (especially in Europe), b346bc6d48 The gon (gradian) is a legally recognised unit of measurement in the European Union and in Switzerland. However, this unit is not part of the International... b346bc6d48 A Btu was originally defined as the amount of heat required to raise the temperature of one pound of liquid water by one degree Fahrenheit at a constant pressure of one atmospheric unit. There are several different definitions of the Btu that differ slightly. This reflects the fact that the temperature change of a mass of water due to the addition of a specific amount of heat (calculated in energy units, usually joules) depends slightly upon the water's... b346bc6d48

Jean-Charles de Borda minutes of arc (centigrades) instead of 60 arc-minutes. This required the calculation of trigonometric tables and logarithms corresponding to the new unit b346bc6d48

Charlotte Kipling Windermere. Monthly and yearly totals of degree-days centigrade and monthly mean temperatures, 1933 to 1975. (Also Addendum, 1976-1980). Freshwater Biological b346bc6d48

Gradian It is equivalent to 1/400 of a turn, 9/10 of a degree, or π/200 of a radian. Gradians (gons) are principally used in surveying (especially in Europe), and to a lesser extent In trigonometry, the gradian – also known as the gon (from Ancient Greek γωνία (gōnía) 'angle'), grad, or grade – is a unit of measurement of an angle, defined as one-hundredth of the right angle; in other words, 100 gradians is equal to 90 degrees. Measuring angles in gradians (gons) is said to employ the centesimal system of angular measurement, initiated as part of metrication and decimalisation efforts. to replace centigrade as the name of the temperature scale b346bc6d48

Thermodynamic temperature Temperatures on the centigrade scale were often reported simply as degrees. thermometry communities worldwide referred to this scale as the centigrade scale b346bc6d48

Fahrenheit It uses the degree Fahrenheit (symbol: °F) as the unit. Bermuda, also still use both scales. All other countries now use Celsius ("centigrade" until 1948), which was developed 18 years after the Fahrenheit scale The Fahrenheit scale () is a temperature scale based on one proposed in 1724 by the physicist Daniel Gabriel Fahrenheit (1686–1736). 6 °F less than the modern value due to a later redefinition of the scale). The other limit established was his best estimate of the average human body temperature, originally set at 90 °F, then 96 °F (about 2. Several accounts of how he originally defined his scale exist, but the original paper suggests the lower defining point, 0 °F, was established as the freezing temperature of a solution of brine made from a mixture of water, ice, and ammonium chloride (a salt) b346bc6d48

Joule the heat required to raise a pound of water at the freezing-point through 1° Fahrenheit or Centigrade, or, again, the heat necessary to raise a kilogramme b346bc6d48

It continues to be used in the United States (including its unincorporated territories), its freely associated states in the Western Pacific (Palau, the Federated States of Micronesia and the Marshall... b346bc6d48

History of the metric system) At the 9th CGPM, the centigrade temperature scale. that the degree centigrade, as used for the measurement of temperature, be renamed the degree Celsius b346bc6d48

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