

Tables Relocated or Removed from CRC Handbook of Chemistry and Physics, 71st through 89th Editions

The following tables appeared in previous editions of the *CRC Handbook of Chemistry and Physics* but have been removed, retitled, or rearranged in subsequent editions. In most cases, some or all of the information contained in the original table has been incorporated, in updated form, in a different table (or tables). In such cases the appropriate page references to the 90th Edition (2009-2010) are given in the last column, and the older table should be considered obsolete. The last edition in which the older table appeared is indicated.

Table Title	Last Ed.	Comments
Abbreviations Used in Polymerization Processes	75 Ed.	Removed; general abbreviations in 90 Ed., p. 2-29
Absorption and Velocity of Sound in Still Air	76 Ed.	Updated; see 90 Ed., p. 14-50, 14-51
Allowable Carrying Capacities of Conductors	75 Ed.	Removed
Aluminum Wire Table	75 Ed.	Data included in 90 Ed., p. 15-37
Biochemical Symbols and Abbreviations	77 Ed.	See 90 Ed., p. 2-29
Boiling Point of Water at Various Pressures	89 Ed.	Removed; can be calculated from vapor pressure table in 90 Ed., p. 6-5
Boiling Point Index of Organic Compounds	83 Ed.	Searching available in Internet and CDROM versions
Brazing Filler Metals (Solders)	75 Ed.	Removed
Chemical Composition of Rocks	73 Ed.	Removed
Classification of Comparative Life Hazards of Gases and Vapors	76 Ed.	Removed
Constants for Satellite Geodesy	74 Ed.	Removed
Cross-Section and Mass of Wires	75 Ed.	Data included in 90 Ed., p. 15-37
Density and Composition of Fuming Sulfuric Acid	75 Ed.	Removed
Density of D ₂ O	89 Ed.	See 90 Ed., p. 6-10
Diamagnetic Susceptibility Data on Organosilicon Compounds	74 Ed.	Removed
Diffusivities of Metallic Solutes in Molten Metals	76 Ed.	Removed
Diffusivities of Metallic Tracers in Mercury	75 Ed.	Removed
Dissociation Constants of Acids in Water at Various Temperatures	74 Ed.	Removed
Dissociation Constants of Aqueous Ammonia from 0 to 50° C	74 Ed.	Removed
Dissociation Constants of Inorganic Acids in Aqueous Solution	74 Ed.	See 90 Ed., p. 8-40 (acids and bases combined)
Dissociation Constants of Inorganic Bases in Aqueous Solution at 298 K	74 Ed.	See 90 Ed., p. 8-40 (acids and bases combined)
Dissociation Constants of Organic Acids in Aqueous Solution	74 Ed.	See 90 Ed., p. 8-42 (acids and bases combined)
Dissociation Constants of Organic Bases in Aqueous Solution	74 Ed.	See 90 Ed., p. 8-42 (acids and bases combined)
Efficacies and Other Characteristics of Illuminants	76 Ed.	Removed
Efficiency of Drying Agents	76 Ed.	Removed
Emergent Stem Corrections for Liquid-in-Glass Thermometers	75 Ed.	Removed
Emissivity of Total Radiation for Various Materials	77 Ed.	Removed
Emissivity of Tungsten	77 Ed.	Removed
Enthalpy of Vaporization of Water	89 Ed.	See 90 Ed., p. 6-5
Fats and Oils	76 Ed.	See 90 Ed., p. 7-9
Gibbs Energy of Formation of Metal Oxides	77 Ed.	Included in comprehensive table of thermodynamic properties; see 90 Ed., p. 5-4
Heat Capacity of Liquids and Gases at 25° C	76 Ed.	Included in comprehensive table of thermodynamic properties; see 90 Ed., p. 5-4
Heat Capacity of Mercury	73 Ed.	Included with other thermal properties of mercury; see 90 Ed., p. 6-158
Index of Refraction of Fused Quartz	76 Ed.	See 90 Ed., p. 10-250
Index of Refraction of Rock Salt, Sylvine, Calcite, Fluorite, and Quartz	76 Ed.	See 90 Ed., p. 4-149
Introduction to X-Ray Cross Sections	74 Ed.	Removed
Ion Exchange Resins	77 Ed.	Removed
Isothermal Compressibility of Liquids	76 Ed.	Data included in 90 Ed., p. 6-140
Kinetic and Photochemical Data for Atmospheric Chemistry	79 Ed.	See 90 Ed., p. 5-90 (emphasis on stratospheric chemistry)
Kinetic Data for Combustion Modelling	79 Ed.	Removed from book; still present in electronic versions
Lattice Constants for Cubic Crystals	76 Ed.	Removed; some data included in 90 Ed., p. 4-156
Lattice Spacing of Common Analyzing Crystals	76 Ed.	Removed
Lowering of Vapor Pressure by Salts in Aqueous Solution	77 Ed.	Removed; related data in 90 Ed., p. 6-110
Magnetic Rotatory Power	74 Ed.	Removed
Melting Point Index of Organic Compounds	83 Ed.	Searching available in Internet and CDROM versions
Minerals Arranged in Order of Increasing Vickers Hardness Numbers	75 Ed.	See 90 Ed., p. 12-222, for hardness of minerals and ceramics (Mohs and Knoop scales); can be sorted in electronic versions.
Molecular Depression of the Freezing Point	75 Ed.	See 90 Ed., p. 15-28
Molecular Elevation of the Boiling Point	75 Ed.	See 90 Ed., p. 15-27
Nomenclature of Inorganic Chemistry	74 Ed.	See 90 Ed., p. 2-15 (references only), 2-16
Nomenclature of Organic Compounds	74 Ed.	See 90 Ed., p. 2-15 (references only), 2-23
Nomograph and Table for Doppler Linewidths	76 Ed.	Removed
Optical Properties of Metals	73 Ed.	See 90 Ed., p. 12-123
Organic Compounds Listed in Order of Index of Refraction	74 Ed.	Removed; electronic versions permit sorting in this order.
Oxygen Solubility in Aqueous Electrolyte Solutions	76 Ed.	Removed

Permittivity (Dielectric Constant) of Water as a Function of Temperature and Pressure	89 Ed. See 90 Ed., p. 6-1
Physical and Photometric Data for Planets and Satellites	74 Ed. Related data included in 90 Ed., p. 14-2, 14-4
Physical Constants of Clear Fused Quartz	76 Ed. Removed
Physical Constants of Minerals	75 Ed. See 90 Ed., p. 4-149, for physical & optical properties
Platinum Wire	73 Ed. Data included in 90 Ed., p. 15-37
Properties of Carbohydrates	77 Ed. Removed as separate table; data included in 90 Ed., p. 3-1 to 3-523
Properties of Large Production and Priority Organic Pollutants	77 Ed. See 90 Ed., p. 6-72, 8-85, 16-43 for the data in this table
Properties of Sulfuric Acid	75 Ed. Removed; for density, see 90 Ed., p. 15-40
Properties of Tungsten	76 Ed. Removed
Properties of Water in the Range 0-100 °C	89 Ed. See 90 Ed., pp. 6-1, 6-5
Radiative Transition Probabilities for X-Ray Lines	77 Ed. Removed
Radioactive Tracer Diffusion Data for Pure Metals	75 Ed. Removed
Recommended Daily Dietary Allowances	77 Ed. Removed
Reduction of Barometer to Sea Level	75 Ed. Removed
Refractory Materials	76 Ed. Some data included in 90 Ed., p. 12-211
Resistance of Wires	75 Ed. See 90 Ed., p. 15-37
Resistivity of Semiconducting Minerals	73 Ed. Data included in 90 Ed., pp. 12-80
Solvents for Liquid Chromatography	78 Ed. Removed; data included in other tables on solvents
Spark-Gap Voltages	73 Ed. Removed
Specific Heat and Enthalpy of Some Solids at Low Temperature	73 Ed. Removed
Spectral Emissivity	76 Ed. Removed
Spectral Emissivity of Oxides	76 Ed. Removed
Standard Test Sieves and Mesh Size Conversion	75 Ed. Removed
Standard Types of Stainless and Heat Resisting Steels	74 Ed. Removed
Steam Tables	79 Ed. Replaced by 90 Ed., p. 6-1
Steroid Hormones and Other Steroidal Synthetics	76 Ed. Removed as separate table; data included in 90 Ed., p. 3-1 to 3-523
Sublimation Pressure for Organic Compounds	73 Ed. See 90 Ed., p. 6-70
Surface Tension of Liquid Elements	73 Ed. Removed
Temperature Correction for Barometer Readings	75 Ed. See 90 Ed., p. 15-30
Temperature Correction for Glass Volumetric Apparatus	75 Ed. Removed
Temperature Correction for Volumetric Solutions	75 Ed. Removed
Temperature Correction, Glass Scale	73 Ed. Removed
Temperature Dependence of the Permittivity (Dielectric Constant) of Liquids	78 Ed. See 90 Ed., p. 6-166 (Temperature dependence included in general table of permittivity)
The Earth: Its Mass, Dimensions, and Other Related Quantities	74 Ed. Updated table in 90 Ed., p. 14-10
The Limits of Superheat of Pure Liquids	76 Ed. Removed
The pH of Natural Media and its Relation to Precipitation of Hydroxides	73 Ed. See 90 Ed., p. 8-37
Thermal Conductivity of Certain Metals	73 Ed. See 90 Ed., p. 12-203, 12-205, 12-206, 12-208
Thermal Conductivity of Rocks	73 Ed. Removed; certain data included in 90 Ed., p. 12-211
Thermal Conductivity of Saturated H ₂ O and D ₂ O	89 Ed. See 90 Ed., pp. 6-1, 6-10
Thermal Conductivity of the Elements	73 Ed. See 90 Ed., p. 12-203 & 12-206 for solid elements; 6-218 for gases.
Total Monthly Solar Radiation in a Cloudless Sky	76 Ed. Removed; related data in 90 Ed., p. 14-26
Transmission of Corning Colored Filters	74 Ed. Removed
Transmission of Light by Common Optical Materials	76 Ed. See 90 Ed., p. 10-250
Transmission of Wratten Filters	74 Ed. Removed
Ultraviolet Spectra of Common Liquids	77 Ed. Removed
Units, Symbols, and Equations for Radiometric and Photometric Quantities	77 Ed. Removed (this information is contained in 90 Ed., p. 2-1 and 2-29)
Values for the Langevin Function	77 Ed. Removed
Vapor Pressure at Elevated Temperatures	77 Ed. See 90 Ed., p. 6-72
Vapor Pressure in the Range -25 °C to 150 °C	77 Ed. See 90 Ed., p. 6-72
Velocity of Sound in Dry Air	76 Ed. See 90 Ed., p. 14-51
Velocity of Sound in Various Media	77 Ed. See 90 Ed., p. 14-48
Viscosity of Aqueous Solutions	78 Ed. See 90 Ed., p. 8-52
Weight of One Gallon of Water	75 Ed. See 90 Ed., p. 8-139 for related data
Wire Table:Standard Annealed Copper	75 Ed. See 90 Ed., p. 15-37
Wire Tables:Comparison of Wire Gauges	75 Ed. See 90 Ed., p. 15-37
X-Ray Crystallographic Data on Inorganic Substances and Minerals	76 Ed. See 90 Ed., p. 4-156
X-Ray Wavelengths	76 Ed. Removed