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CONVERSION FACTORS AND ABBREVIATIONS

CONVERSION FACTORS

	Multiply	By	To obtain
cubic foot per second (ft ³ /s)		0.646317	million gallons per day (Mgal/d)
cubic foot per second (ft ³ /s)		0.02832	cubic meter per second (m ³ /s)
cubic foot per second per square mile (ft ³ /s/mi ²)		0.01093	cubic meter per second per square kilometer (m ³ /s/km ²)
foot (ft)		0.3048	meter (m)
foot per day (ft/d)		0.3048	meter per day (m/d)
foot squared per day (ft ² /d)		0.09290	meter squared per day (m ² /d)
gallons per minute (gal/min)		0.00006309	cubic meter per second (m ³ /s)
inch (in.)		25.4	millimeter (mm)
inch per year (in/yr)		25.4	millimeter per year (mm/yr)
mile (mi)		1.609	kilometer
million gallons per day (Mgal/d)		0.04381	cubic meter per second (m ³ /s)
square mile (mi ²)		2.590	square kilometer

Temperature is given in degrees Fahrenheit (°F), which can be converted to degrees Celsius (°C) by the following equation:

$$^{\circ}\text{C} = (\text{F}-32)/1.8$$

Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows:

$$^{\circ}\text{F} = (1.8 \times ^{\circ}\text{C}) + 32$$

Transmissivity and Hydraulic Conductivity: In this report, the units of transmissivity and hydraulic conductivity are foot squared per day (ft²/d) and foot per day (ft/d), respectively. These are the mathematically reduced forms of gallon per day per foot [(gal/d)/ft] and gallon per day per foot squared [(gal/d)/ft²], respectively, used by previous authors such as Rosenshein and others (1968).

Specific Conductance: In this report, specific conductance is given in microsiemens per centimeter at 25 degrees Celsius (μS/cm at 25°C).

VERTICAL DATUM

Vertical Coordinate Information (altitude): Vertical coordinate information is referenced to the National Geodetic Vertical Datum of 1929 (NGVD 1929), formerly called the Sea Level Datum of 1929.

HORIZONTAL DATUM

Horizontal Coordinate Information (location): Horizontal coordinate information is referenced to the North American Datum of 1927 (NAD 1927).

