GENERALIZED ALTITUDE AND CONFIGURATION OF THE WATER TABLE

The altitude of the water table ranges from a high of about 5,000 feet to the underground part of the study area, which is about 10,000 feet. The water table is generally highest near the southern end of the Basin and lowest near the northern end. The water table is subject to fluctuations due to seasonal variations in precipitation and temperature.

SOURCES OF DATA

The map showing the altitude and configuration of the water table was compiled using available local and regional departmental data from the U.S. Geological Survey and other agencies. The data on the water table was derived from various sources, including field observations, borehole records, and published reports. The data were used to construct the map, which provides a general indication of the water table configuration in the study area.

CONVERSION FACTORS

The water level in the map is given in feet. The following conversion factors are used:

1 foot = 0.3048 meter
1 square mile = 2.59 square kilometers
1 gallon = 3.78 liters

MAP SHOWING GENERALIZED ALTITUDE AND CONFIGURATION OF THE WATER TABLE

This map is intended to provide a general overview of the water table configuration in the study area. It is not intended to be a detailed representation of the water table, and should not be used for specific engineering or water resource planning purposes.

GENERALIZED ALTITUDE AND CONFIGURATION OF THE WATER TABLE IN PARTS OF LARIMER, LOGAN, SEDGWICK, AND WELD COUNTIES, COLORADO

By R. G. Borman and Neville G. Gaggianni

1983