PHYSICAL SETTING, CLIMATE, WATER BUDGET, AND WATER USE

PICTURE 1 - Map showing average annual precipitation

The map depicts the average annual precipitation across the region. The highest precipitation occurs in the eastern part of the region, with lower values towards the west.

PICTURE 2 - Diagram illustrating annual water budget

The diagram shows the components of the annual water budget, including precipitation, evaporation, surface runoff, and groundwater recharge.

PICTURE 3 - Block diagram showing the hydrologic cycle and a generalized distribution of ground water recharge

The diagram illustrates the flow of water through the hydrologic cycle, with emphasis on ground water recharge along the Coastal Plain.

MAP SHOWING AVERAGE DAILY WATER USE

The map illustrates the average daily water use across different sectors, showing significant variations in consumption patterns.

REFERENCES

-潜水分布图的制作：[paper] U.S. Geol. Survey Water-Supply Pap. 1337-C.

HYDROLOGY AND WATER RESOURCES OF THE HOUSATONIC RIVER BASIN, MASSACHUSETTS

By Ralph E. Norvich, Donald F. Farrell, Felix H. Paasch, and Richard G. Petersen

1965

MALCOLM W. SEEBERGER, chief hydrologist, and S. L. RUTLEDGE, Battelle Memorial Institute, Project Manager, prepared this report in cooperation with the Commonwealth of Massachusetts Water Resources Commission and Berkshire County.

The report describes the hydrology and water resources of the Housatonic River Basin in Massachusetts. It includes data on streamflow, groundwater conditions, water quality, and water use. The report is divided into several sections:

1. Introduction
2. Physical Setting
3. Climate
4. Water Budget
5. Water Use
6. Groundwater
7. Surface Water
8. Water Quality
9. Flow Regime
10. Water Use

The report provides a comprehensive overview of the hydrologic characteristics and water resources within the Housatonic River Basin, with a focus on understanding the natural processes and human impacts on the region's water system.