

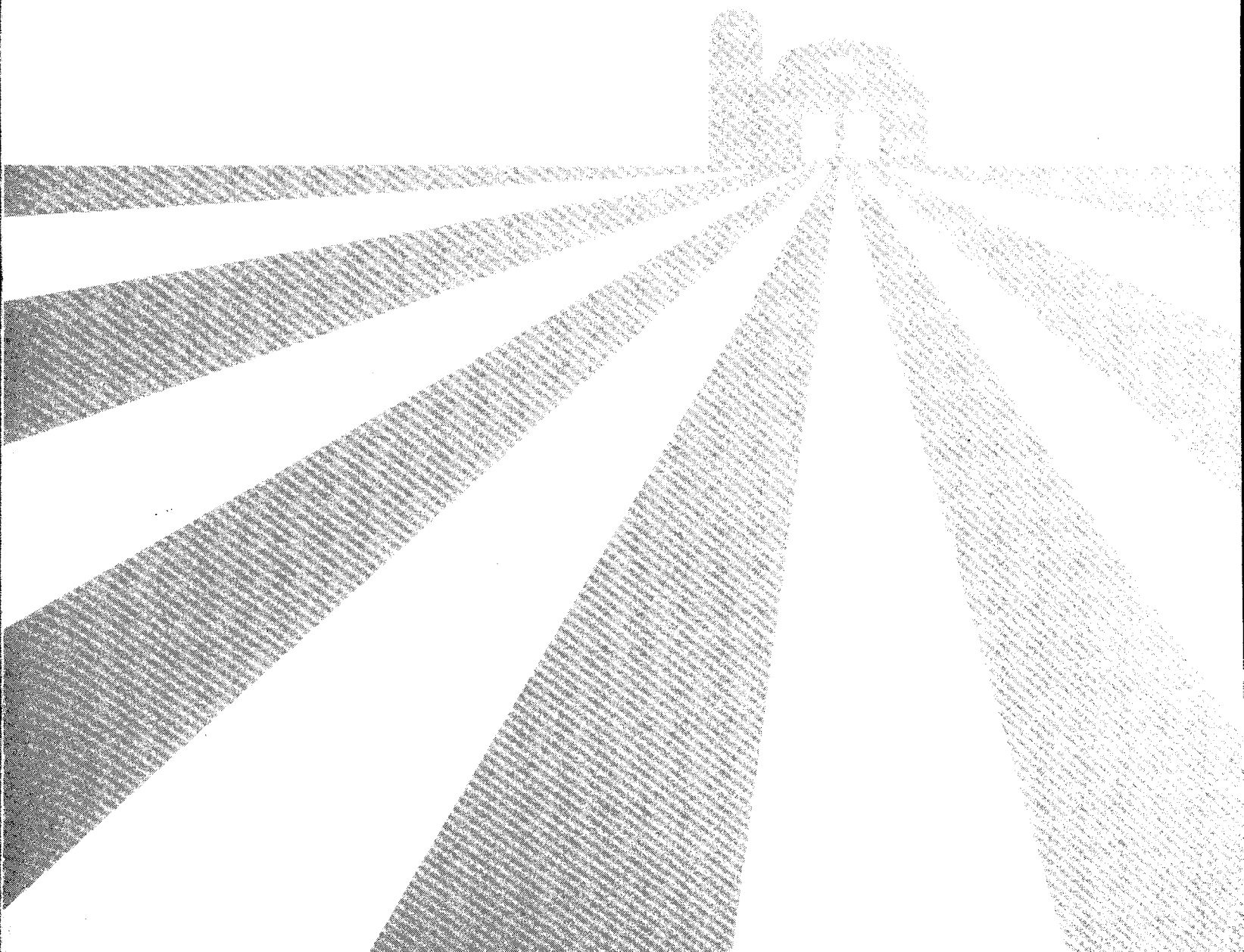
Volume 4

Irrigation

AC78-IR

1978 CENSUS OF AGRICULTURE

U.S. Department of Commerce
BUREAU OF THE CENSUS

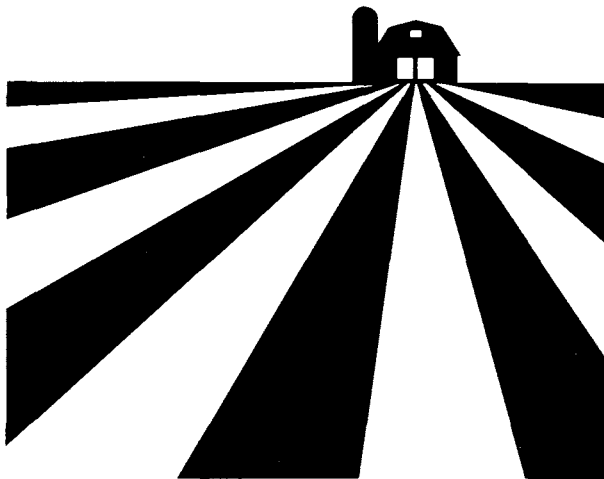


1978 CENSUS OF AGRICULTURE

Volume 4

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INTRODUCTION

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DATA COLLECTION

The 1978 irrigation data were collected in two separate censuses. The census of agriculture collected irrigation data from farm and ranch operators, and the census of irrigation collected data from irrigation organizations. These data are presented in separate chapters in this volume. Chapter 1 presents data obtained from farm and ranch operators, and chapter 2 presents data obtained from irrigation organizations.

Chapter 1 presents data for the number of farms and ranches irrigating, acres irrigated, crops irrigated, harvested cropland irrigated, pastureland and rangeland irrigated, other land in farms irrigated, and land use. The data are for the United States, regions, divisions, and States. A more detailed description of how the census was taken is presented in the General Explanation for chapter 1. Sections from the census of agriculture report form which relate to irrigation are shown in appendix A.

Chapter 2 presents data for source and disposition of water, number and type of users served, acres served, irrigation facilities operated, irrigation storage reservoirs, measurement of irrigation water, cost of operation and maintenance, new capital investment, indebtedness, and revenues collected. These data are presented by State and water resources regions and subregions. County data are not included because the operations of these organizations were delineated by topographical areas rather than political boundaries. Copies of the two report forms (A60 and A61) and instructions appear in appendix B. The General Explanation for chapter 2 contains additional information on the methodology used in taking the census and processing the data.

AUTHORITY AND AREA COVERED

The census of agriculture and the census of irrigation organizations are authorized under the provisions of title 13, United States Code. Section 142(a) provides for the census of agriculture to be taken for the years 1978, 1982, and every fifth

year after 1982. Section 142(b) provides for the census of irrigation to be taken in 1979, 1988, and every 10th year thereafter.

CENSUS DISCLOSURE RULES

In keeping with the provisions of title 13, United States Code, data that would disclose the operations of an individual farm or organization are not published. However, the number of farms or organizations in a given size category or other classification is not considered a disclosure. Data for individual operations which have been made public are not considered disclosures. These include operations under the jurisdiction of the U.S. Bureau of Reclamation and U.S. Bureau of Indian Affairs.

DEFINITIONS AND EXPLANATIONS

The General Explanation for chapters 1 and 2 includes definitions and explanations of selected terms used in the tables.

"SEE TEXT" REFERENCE

"See text" references for selected items within a table are explained or defined in the General Explanations for chapters 1 and 2.

GRAPHICS

Several charts and maps are presented in each chapter showing selected irrigation statistics.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables in both chapters 1 and 2:

- Zero.
- (D) Data withheld to avoid disclosing information for individual farms or organizations.
- (X) Not applicable.
- (Z) Less than half of the unit reported.
- (NA) Not available.
- WRR Water Resources Region.
- WRS Water Resources Subregion.