

CONTENTS

Preface.....	iii
List of surface-water stations, in downstream order, for which records are published in this volume.....	vii
List of ground-water wells for which records are published in this volume.....	x
List of discontinued streamflow stations.....	xi
List of discontinued surface-water quality stations.....	xx
Introduction.....	1
Cooperation	2
Summary of Hydrologic Conditions	3
Surface Water	3
Ground Water	4
Water Quality	4
Downstream Order and Station Number.....	6
Numbering system for wells and miscellaneous sites	6
Special Network and Programs	7
Explanation of Stage- and Water Discharge Records	8
Data Collection and Computation	8
Data Presentation	9
Station Manuscript.....	10
Peak Discharge Greater than Base Discharge	11
Data Table of Daily Mean Values.....	11
Statistics of Monthly Mean Data.....	11
Summary Statistics	11
Identifying Estimated Daily Discharge	13
Accuracy of Field Data and Computed Results	14
Other Data Records Available	14
Explanation of Precipitation Record	14
Data Collection and Computation	14
Data Presentation.....	15
Explanation of Water-Quality Records	15
Collection and Examination of Data	15
Water Analysis	15
Surface-Water-Quality Records	16
Classification of Records.....	16
Accuracy of the Records	16
Arrangement of Records	17
Onsite Measurements and Sample Collection.....	17
Water Temperature	17
Sediment	18
Laboratory Measurements.....	18
Data Presentation.....	18
Remark Codes	20
Water-Quality Control Data	20
Blank Sample	20
Reference Samples	21
Replicate Samples	21
Spike Samples	22
Explanation of Ground-Water-Level Records.....	22
Site Identification Numbers.....	22
Data Collection and Computation	22
Data Presentation.....	23
Water-Level Tables	24
Hydrographs	24
Ground-Water-Quality Data	24

Data Collection and Computation	24
Laboratory Measurements.....	24
Access to USGS water data.....	25
Definition of terms	26
Station records, surface water	48
Reservoirs in Cumberland River Basin.....	210
Reservoirs in Tennessee River Basin	370
Discharge at partial-record stations and miscellaneous sites	434
Miscellaneous Temperature Measurements and Field Determination	446
Ground-water levels.....	459
Periodic Measurements of Ground-Water Levels	473
Water-Quality Data, National Water-Quality Assessment Program--Mississippi Embayment River Basin	494
Chemical quality of precipitation.....	574
Index	575