

CONTENTS

	Page
Preface.....	iii
List of surface-water stations, in downstream order, for which records are published in this volume	vi
List of ground-water wells, by county, for which records are published in this volume	viii
List of precipitation stations for which records are published in this volume	ix
List of discontinued surface-water discharge or gage-height stations	x
List of discontinued surface-water quality stations	xiii
List of discontinued ground-water observation wells	xvii
List of discontinued precipitation quantity stations	xviii
Introduction.....	1
Cooperation.....	1
Summary of hydrologic conditions.....	6
Streamflow.....	6
Floods and droughts.....	6
Reservoir storage	6
Water quality	9
Ground-water levels.....	9
Special networks and programs	9
Explanation of the records	11
Station identification numbers.....	11
Downstream order system	11
Latitude-longitude system	11
Records of stage and water discharge	11
Data collection and computation	12
Data presentation	13
Station manuscript.....	13
Data table of daily mean values	14
Statistics of monthly mean data	14
Summary statistics	14
Hydrograph	15
Identifying estimated daily discharge.....	15
Accuracy of the records	15
Special Study records	16
Other records available	16
Records of surface-water quality	16
Classification of records	16
Arrangement of records	16
On-site measurements and sample collection.....	16
Water temperature	16
Laboratory measurements	17
Data presentation	17
Accuracy of the records	17
Remark codes	18
Records of ground-water levels	18
Data collection and computation	18
Data presentation	18
Records of ground-water quality	19
Classification of records	19
Arrangement of records	19
On-site measurements and sample collection.....	19
Laboratory measurements	19
Analyses of pesticides	19
Analyses of volatile organic compounds.....	20
Data presentation	21
Remark codes	22
Records of precipitation quantity.....	22
Data collection and computation	22
Data presentation	22
Records of snow quantity	22
Data collection and computation	22
Data presentation	22
Access to USGS water data	22
Definition of terms	23
Publications on Techniques of Water-Resources Investigations	35
Station records, surface water	40
Discharge at partial-record and special study stations.....	176
Station records, ground water	182
Ground-water quality analyses at special study stations	200
Station records, precipitation quantity	206
Station records, snow quantity	218
Index	229

ILLUSTRATIONS

Figure 1.	Map showing location of active surface-water and water-quality gaging stations	2
2.	Map showing location of active ground-water data-collection stations.	3
3.	Map showing location of active precipitation quantity stations	4
4.	Map showing location of active snow quantity stations	5
5.	Map showing one-day low flow recurrence intervals	6
6.	Comparison of mean discharge at three long-term index gaging stations during 2001 water year with median discharge for period 1961-90	7
7.	Maps showing monthly surface-water conditions during the 2001 water year in Maine.....	8
8.	Maps showing monthly ground-water conditions during the 2001 water year in Maine	10
9.	System for numbering wells and special study sites.....	11

TABLES

Table 1.	Total usable storage in five Maine reservoir systems for the 2001 water year.....	10
2.	Rating continuous water-quality records	17
3.	Factors for converting inch-pound units to International System units (SI).....	inside back cover