

## CONTENTS

---

	Page
Preface .....	iii
List of surface-water stations, in downstream order, for which records are published in this volume .....	vi
List of discontinued surface-water-discharge or stage-only stations .....	x
List of discontinued surface-water-quality stations .....	xviii
Introduction .....	1
Cooperation .....	1
Records collected by the State of Virginia .....	2
Summary of hydrologic conditions .....	2
Surface-water discharge .....	2
Special networks and programs .....	6
Explanation of the records .....	6
Station identification numbers .....	6
Downstream order system .....	6-7
Latitude-longitude system .....	7
Records of stage and water discharge .....	7
Data collection and computation .....	8
Data presentation .....	8
Station manuscript .....	8
Data table of daily mean values .....	9
Statistics of monthly mean data .....	10
Summary statistics .....	10
Identifying estimated daily discharge .....	11
Accuracy of the records .....	11
Other records available .....	11
Records of surface-water quality .....	11
Classification of records .....	11
Arrangement of records .....	12
On-site measurements and sample collection .....	12
Water temperature .....	12
Sediment .....	12
Laboratory measurements .....	13
Data presentation .....	13
Remark codes .....	13
Water-quality control data .....	14
Blank Samples .....	14
Reference Samples .....	14
Replicate Samples .....	14
Spike Samples .....	14
Access to USGS data .....	15
Definition of terms .....	15
Publications on Techniques of Water-Resources Investigations .....	22
Selected U.S. Geological Survey reports on water resources in Virginia .....	26
Station records, surface-water-discharge and surface-water-quality .....	36
Discharge at partial-record stations and miscellaneous sites .....	476
Crest-stage partial-record stations .....	476
Special study and miscellaneous sites .....	488
Analyses of samples collected at partial-record, special study, and miscellaneous sites .....	509
Index .....	539

## ILLUSTRATIONS

---

Figure 1. Annual mean discharge at selected stream-gaging stations .....	4
2. Monthly and annual mean discharge during 1999 water year compared with median of monthly and annual mean discharge for 1961-90 at four representative stream-gaging stations .....	5
3. System for numbering selected miscellaneous sites .....	7
4. Map of Virginia showing location of surface-water-discharge and surface-water-quality data-collection stations .....	30
5. Map of Virginia showing location of surface-water partial-record stations .....	32