

VOLUME 2A: SOUTH FLORIDA

CONTENTS

Preface	III
Introduction	1
Cooperation	2
Summary of Hydrologic Conditions	3
Special Networks and Programs	11
Explanation of the Records	12
Station Identification Numbers	12
Downstream Order System	12
Numbering System for Wells and Miscellaneous Surface-Water Sites	12
Records of Stage and Water Discharge	13
Data Collection and Computation	13
Data Presentation	14
Station Manuscript	15
Daily Table of Daily Mean Values	16
Statistics of Monthly Mean Values	16
Summary Statistics	16
Identifying Estimated Daily Discharge	18
Accuracy of the Records	18
Other Records Available	18
Records of Surface-Water Quality	18
Classification of Records	19
Arrangement of Records	19
On-site Measurements and Sample Collection	19
Water Temperature	20
Sediment	20
Laboratory Measurements	20
Data Presentation	20
Remark Codes	22
Quality Control Data	23
Blank Samples	23
Reference Samples	24
Replicate Samples	24
Spike Samples	24
Records of Ground-Water Levels	24
Data Collection and Computation	24
Accuracy of Ground-Water Level Data	25
Method-Independent Factors	25
Method Related Factors	25
Data Presentation	26
Records of Bulk Electrical Conductivity	27
Data Collection and Computation	27
Accuracy of Bulk Electrical Conductivity	28
Data Presentation	28
Records of Ground-Water Quality	29
Data Collection and Computation	29
Data Presentation	29
Access to USGS Water Data	29

VOLUME 2A: SOUTH FLORIDA

CONTENTS (continued)

Definition of Terms.....	30
Techniques of Water-Resources Investigations.....	44
Selected References.....	49
Stage, Discharge, and Water Quality of Streams.....	51
Surface Water Quality Records, Field Measurements.....	273
National Water-Quality Assessment (NAWQA) Data.....	277
Index to	
Introductory text	333
Surface-water sites	339

VOLUME 2A: SOUTH FLORIDA

ILLUSTRATIONS

Figure 1. Geographic area covered by this report	V
Figure 2. South Florida Areas of Hydrologic Significance	3
Figure 3. System for numbering wells and miscellaneous sites	13
Figure 4. Location of gaging stations in the portion of the Everglades and the southeastern coastal area north of latitude 26 degrees	52
Figure 5. Typical flow patterns at Lake Okeechobee control structures	71
Figure 6. South Florida Water Management District, Structure 5 Complex	80
Figure 7. Location of gaging stations in the portion of the Everglades and southeastern coastal area south of latitude 26 degrees; Florida Bay and the Florida Keys	160
Figure 8. Tamiami Canal Outlets	161
Figure 9. Location of gaging stations in the Big Cypress Swamp and southwestern coastal area; the Caloosahatchee River; and Charlotte Harbor and the coastal area	228