
CONTENTS

Preface	iii
List of Illustrations.....	viii
List of Surface-Water Stations, in Downstream Order, for Which Records are Published	ix
List of Ground-Water Wells, by County, for Which Records are Published	x
List of Discontinued Surface-Water Discharge Stations	xi
Introduction	1
Cooperation	1
Summary of Hydrologic Conditions	2
Precipitation.....	2
Surface Water	2
Water Quality	3
Ground Water	3
Downstream Order and Station Number System.....	12
Numbering system for wells and miscellaneous sites	12
Special Networks and Programs	13
Explanation of Stage-and Water-Discharge Records	14
Data Collection and Computation	14
Data Presentation.....	15
Station Manuscript	16
Peak Discharge Greater than Base Discharge.....	17
Data Table of Daily Mean Values	17
Statistics of Monthly Mean Data	17
Summary Statistics	17
Identifying Estimated Daily Discharge.....	19
Accuracy of Field Data and Computed Results	20
Other Records Available	20
Explanation of Precipitation Records	20
Data Collection and Computation	20
Data Presentation.....	21
Explanation of Water-Quality Records	21
Collection and Examination of Data	21
Water Analysis	21
Surface-Water-Quality Records	22
Classification of Records	22
Accuracy of the Records	22
Arrangement of Records	23
On-Site Measurements and Sample Collection	23
Water Temperature.....	23
Sediment	24
Laboratory Measurements	24
Data Presentation	24
Remark Codes	26
Water Quality-Control Data	26
Blank Samples	26
Reference Samples	27
Replicate Samples	27
Spike Samples	28
Explanation of Ground-Water-Level Records	28

WATER RESOURCES DATA FOR FLORIDA, 2003
Volume 4: Northwest Florida

Site Identification Numbers	28
Data Collection and Computation	28
Data Presentation	29
Water-Level Tables	30
Hydrographs	30
Ground-Water-Quality Data	30
Data Collection and Computation	30
Laboratory Measurements	30
Access to USGS Water Data	31
Definition of Terms	32
Publications on Techniques of Water-Resources Investigations	47
Stage, Discharge, and Water Quality of Streams	53
Crest-Gage Data at Partial Record Stations	161
Elevation of Lakes	167
Well Descriptions and Ground-Water Data	169
Index	176

ILLUSTRATIONS

Figure 1. Geographic area covered by this report.....	v
Figure 2. Santa Fe River near Worthington Springs (A) 2003 monthly mean discharge compared to the maximum, minimum, and mean monthly mean discharge for the period 1932-2003, and (B) the monthly mean discharge for the period 1994-2003	4
Figure 3. Suwannee River at Branford (A) 2003 monthly mean discharge compared to the maximum, minimum, and mean monthly mean discharge for the period 1931-2003, and (B) the monthly mean discharge for the period 1994-2003	5
Figure 4. Steinhatchee River near Cross City (A) 2003 monthly mean discharge compared to the maximum, minimum, and mean monthly mean discharge for the period 1950-2003, and (B) the monthly mean discharge for the period 1994-2003	6
Figure 5. Ochlockonee River near Havana (A) 2003 monthly mean discharge compared to the maximum, minimum, and mean monthly mean discharge for the period 1926-2003, and (B) the monthly mean discharge for the period 1994-2003	7
Figure 6. Chipola River near Altha (A) 2003 monthly mean discharge compared to the maximum, minimum, and mean monthly mean discharge for the period 1913-2003, and (B) the monthly mean discharge for the period 1994-2003	8
Figure 7. Shoal River near Crestview (A) 2003 monthly mean discharge compared to the maximum, minimum, and mean monthly mean discharge for the period 1938-2003, and (B) the monthly mean discharge for the period 1994-2003	9
Figure 8. Escambia River near Century (A) 2003 monthly mean discharge compared to the maximum, minimum, and mean monthly mean discharge for the period 1934-2003, and (B) the monthly mean discharge for the period 1994-2003	10
Figure 9. USGS Well near Wausau (A) Monthly maximum water level for the 2003 water year compared to maximum, minimum, and mean monthly maximum water levels for the period 1963-2003 and (B) the monthly maximum water level for the period 1998-2003	11
Figure 10. System for numbering wells and miscellaneous sites (latitude and longitude)	12
Figure 11. Location of stream gaging and lake gaging stations in Northwest Florida Water Management District	54
Figure 12. Location of stream gaging stations in Suwannee River Water Management District.	55
Figure 13. Location of wells in Wakulla County	170
Figure 14. Location of wells in Washington County.....	174