

Digitally Enhanced Water-Resources Data for Southwest Florida

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The U.S. Geological Survey (USGS), Florida Integrated Science Center (FISC), Coastal and Watershed Studies (CCWS), Tampa Office in cooperation with Federal, State, and local partners, has historically published water-resources data on an annual basis in either a large volume book format report or electronically in a printable document format (PDF) file. The annual publication contains surface-water, ground-water, and quality-of-water data. In 2003, the Annual Data Report was released as a digitally enhanced compact disk (CD) similar in format to one produced by the USGS, Georgia Science Center. The “enhanced” format has an easy to use GIS interface based on ArcView software, which allows the data to be analyzed spatially. In addition, more information can be included on a CD than in the traditionally included in the book format; including period of record daily values, statistics, gage photographs, hydrographs, and a PDF version of the Annual Data Report. The enhanced CD also can be downloaded to a desktop or portable laptop computer, and can be easily adapted for integrated science presentations. The CD contains internet links that direct users to specific web sites for additional information. The 2003 Annual Data Report CD includes both Volumes 3A (surface-water data) and 3B (ground-water data), which were formerly published in two large volumes.