Hydrologic Conditions

for the month of

April 2009

Prepared by the Hydrologic Data Section Operations Department



May 20, 2009

http://www.watermatters.org

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INTRODUCTION

The Hydrologic Conditions Report is generated monthly by the Hydrologic Data Section, Operations Department, of the Southwest Florida Water Management District. This report provides an end-of-month analytical summary of regional and temporal variations in the hydrologic conditions across the District's 16-county area for planning and regulatory purposes. In addition, it provides an excellent historical record for long-term local and regional hydrologic analysis.

The Hydrologic Data Section is responsible for the implementation and maintenance of a network of observation and monitoring stations used to track changes in various hydrologic parameters over time. Data collected are used by the regulatory, technical, and analytical sections of the District. Data recently collected and maintained by the section include: station and basin rainfall totals, stream and spring discharge measurements, and surface and ground water levels. Frequency of data collection ranges from hourly to monthly readings. All data collected are processed and analyzed, then uploaded into the Water Management Data Base for general access by the District. The Water Management Data Base is also periodically augmented from the United States Geological Survey's hydrologic data network.

The data presented in this report are monthly rainfall totals, streamflow, springflow, surface and ground water levels, reservoir levels and the Aquifer Resource Index. Associated maps of station locations are at the end of the report in the Appendices. Also reported herein are levels of public supply surface water reservoirs supplemented by various regional utilities. The data contained in this report was collected and analyzed in accordance with generally accepted procedures consistent with applicable scientific and technical standards of practice. The data presented are considered to be the best available at the time of publication and are subject to revision. Any questions about the significance, accuracy, or interpretation of these data should be referred to Granville Kinsman, Manager of the Hydrologic Data Section at (352) 796-7211 or (800) 423-1476, extension 4284.

The data evaluation, analyses and interpretation contained within this report have been prepared or approved by a certified Professional Geologist in accordance with Chapter 492, Florida Statutes.

Registration #PG-1704

Americans with Disabilities Act (ADA)

The Southwest Florida Water Management District (District) does not discriminate on the basis of disability. This nondiscrimination policy involves every aspect of the District's functions, including access to and participation in the District's programs and activities. Anyone requiring reasonable accommodation as provided for in the Americans with Disabilities Act should contact the District's Human Resources Director, 2379 Broad Street, Brooksville, Florida 34604-6899; telephone (352) 796-7211, ext. 4702 or 1-800-423-1476 (FL only), ext. 4702; TDD (FL only) 1-800-231-6103; or email to ADACoordinator@swfwmd.state.fl.us.

EXECUTIVE SUMMARY

Provisional Hydrologic Conditions as of May 14, 2009

Provisional rainfall totals are provided for the period of May 1, 2009 through May 12, 2009. The northern region has received an average of 0.76 inch, while the historic mean for the month of May is 3.56 inches. The central region has received an average of 0.19 inch, while the historic mean for the central region for May is 3.23 inches. The southern region has received 0.62 inch, while the historic mean for the southern region for May is 3.59 inches.

Provisional lake level data indicate that during the first 12 days of May, water levels have decreased in all regions of the District. Average lake levels in the Northern region decreased an average of 0.22 foot and were 6.26 feet below the base of the normal range. Lake levels in the Tampa Bay region decreased an average of 0.29 foot and were 3.12 feet below the base of the normal range. Lake levels in the Polk Uplands region decreased 0.31 foot and were 3.03 feet below the base of the normal range. The Lake Wales Ridge region posted an average decrease of 0.36 foot and was 5.32 feet below the base of the normal range.

As of May 11, 2009, average streamflow decreased in all three regions of the District compared to last month's data from regional index streams. The average streamflow for the Withlacoochee River near Holder in the northern region was below-normal at the 5th percentile. The average streamflow measured at the Hillsborough River near Zephyrhills in the central region was below-normal at the 4th percentile, and the Peace River at Arcadia in the southern region was below-normal at the 2nd percentile.

Provisional groundwater data derived from the Aquifer Resource Index, as of May 11, 2009, indicate that average water levels decreased in all three regions of the District. Water levels decreased an average of 0.27 foot in the northern counties and were 1.74 feet below the bottom of the normal range. Water levels decreased an average of 1.12 feet in the central counties and were 2.24 feet below the bottom of the normal range. Water levels decreased an average of 3.02 feet in the southern counties and were 3.66 feet below the bottom of the normal range.

EXECUTIVE SUMMARY

Hydrologic Conditions for April 2009

In April, average rainfall totals for the northern and central regions of the District were normal, and the southern region was below-normal. The normal range for rainfall is defined by totals that fall on or between the 25th to 75th percentiles of the historical monthly accumulation for each region and where the 50th percentile represents the historical median. The northern region received an average of 1.69 inches of rainfall, equivalent to the 33rd percentile of the historical April record. The central region received an average of 1.43 inches of rainfall, equivalent to the 38th percentile of the historical April record. The southern region received an average of 1.10 inches of rainfall, equivalent to the 22nd percentile. The District-wide rainfall average of 1.38 inches was equivalent to the 33rd percentile of the historical April record.

During the 12-month period from May 1, 2008 through April 30, 2009, the average rainfall totals in all three regions of the District were classified as "very dry." The northern region received an average of 42.00 inches of rainfall, equivalent to the 8th percentile of the historical record. The central region received an average of 36.86 inches of rainfall, equivalent to the 2nd percentile. The southern region received an average of 41.44 inches of rainfall, equivalent to the 9th percentile. The District-wide rainfall average of 39.85 inches was equivalent to the 3rd percentile of the historical annual record.

Average lake levels in April were below the annual normal range in all regions of the District. Normal lake levels are defined as levels that fall between the minimum low management level and the minimum flood level. Lake levels in the northern region decreased by an average of 0.52 foot and were 6.04 feet below the base of the annual normal range. Lake levels in the Tampa Bay region decreased an average of 0.42 foot and were 2.83 feet below the base of the annual normal range. Lake levels in the Polk Uplands region decreased 0.43 foot and were 2.72 feet below the base of the annual normal range. Average lake levels in the Lake Wales Ridge region decreased 0.48 foot and ended the month 4.96 feet below the base of the annual normal range.

Total streamflow in regional index streams, in April, was below-normal in the all regions of the District. Normal streamflow is defined as falling between the 25th and 75th percentiles. Streamflow measured at the Withlacoochee River near Holder station in the northern region was in the 5th percentile. Streamflow in the Hillsborough River near Zephyrhills station in the central region was in the 4th percentile, while total streamflow measured at the Peace River at Arcadia station in the southern region was in the 2nd percentile during April.

In April, groundwater data showed that levels in the intermediate and Floridan aquifers were below the normal range in all three regions of the District. The normal range is defined as between the 25th and 75th percentiles. The groundwater level in the northern region was in the 8th percentile, while levels in the central and southern regions were in the 12th and 17th percentiles, respectively.

REGIONAL OVERVIEW OF HYDROLOGIC CONDITIONS

APRIL 2009

Northern Region

In April, the northern region received an average of 1.69 inches of rainfall, equivalent to the 33rd percentile of the historical April readings, which is considered "normal." Average lake levels decreased in the northern region and ended the month an average of 6.04 feet below the base of the annual normal range. Total streamflow measured in the Withlacoochee River near Holder station increased and was in the 5th percentile. Regional groundwater levels indicated average surficial aquifer water levels decreased and were in the 4th percentile; while levels in the intermediate and Floridan aquifer decreased and were in the 8th percentile.

Central Region

In April, the central region received an average of 1.43 inches of rainfall, equivalent to the 38th percentile of historical April readings, which is considered "normal." Average lake levels decreased in the Tampa Bay and Polk Uplands regions and ended the month 2.83 and 2.72 feet, respectively, below the base of the annual range. Total streamflow measured at the Hillsborough River near Zephyrhills station decreased and was in the 4th percentile. Regional groundwater levels indicated average surficial aquifer water levels decreased and were in the 27th percentile; while levels in the intermediate and Floridan aquifer decreased and were in the 12th percentile.

Southern Region

In April, the southern region received an average of 1.10 inches of rainfall, equivalent to the 22nd percentile of historical April readings, which is considered "drier than normal." Average lake levels decreased in the Lake Wales Ridge region and ended the month 4.96 feet below the base of the annual normal range. Total streamflow measured at the Peace River at Arcadia station decreased and was in the 2nd percentile. Regional groundwater levels indicated average surficial aquifer water levels decreased and were in the 11th percentile; while levels in the intermediate and Floridan aquifer decreased and were in the 17th percentile.

RAINFALL

The rainfall data used for all tabulations in this report are provided to the District under contract with an external vendor. These data are created by enhancing contractor-developed NEXRAD radar rainfall imagery with hourly rainfall data collected from the District's network of real-time gauges. This process results in highly accurate cell-based rainfall data representative of conditions over the entire District, including those portions where rainfall data collection would otherwise be limited due to gaps in the gauging network.

As defined by the United States Geological Survey (USGS), a percentile is a value on a scale of one hundred that indicates the percent of a distribution that is equal to or below it. For example, a rainfall total equivalent to the 90th percentile is equal to or greater than 90 percent of the rainfall totals recorded for this month during all years that totals have been recorded.

Percentiles for rainfall were calculated from the historical record by region, and by specific interval. The "wet season" total is the sum of the rainfall from June through September. The "dry season" total is the sum of the rainfall from October through May. The annual total characterization was calculated from a dataset of moving 12-month rainfall sum for the same period (1915 through the most recent completed year). The moving 12-month rainfall sum was used for annual statistics because it provided a much larger dataset, and therefore a better estimate of the true percentiles. The historical 12-month cumulative average is updated monthly.

Characterization ranges were established for each region, and for the whole District, with breaks at the 10th (P10), the 25th (P25), the 75th (P75) and the 90th (P90) percentiles. The rainfall in inches for each percentile break, by rainfall interval and by region and the characterization ranges are summarized in the Appendix.

In April, rainfall totals for the northern and central regions of the District were normal, while the southern region was below-normal. The normal range for rainfall is defined by totals that fall on or between the 25th to 75th percentiles of the historical monthly average for each region and where the 50th percentile represents the historical median. The northern region received an average of 1.69 inches of rainfall, equivalent to the 33rd percentile of the historical record. The central region received an average of 1.43 inches, equivalent to the 38th percentile; while the southern region received an average of 1.10 inches, equivalent to the 22nd percentile. District-wide, rainfall averaged 1.38 inches, which is equivalent to the 33rd percentile of the historical April record.

During the 12-month period from May 1, 2008 through April 30, 2009, the average rainfall totals in all three regions of the District were classified as "very dry." The northern region received an average of 42.00 inches of rainfall, equivalent to the 8th percentile of the historical record. The central region received an average of 36.86 inches of rainfall, equivalent to the 2nd percentile. The southern region received an average of 41.44 inches of rainfall, equivalent to the 9th percentile. The District-wide rainfall average was 39.85 inches, which is equivalent to the 3rd percentile of the historical annual record.

Tampa Monthly Climate Summary for April 2009

According to the National Weather Service (NWS), the monthly average temperature (°F) in the Tampa Bay area (TBA) was 73.8 degrees, which was 2.3 degree above normal. The highest temperature recorded in the TBA during the month was 89 degrees, while the lowest temperature recorded during the month was 50 degrees.

Temperature and Precipitation Outlook

The Climate Prediction Center's (CPC) three-month weather forecast, as of April 16, 2009, is inconclusive regarding precipitation and indicates an equal chance for below-normal, normal or above normal precipitation in all three regions of the District, during June through August 2009. The temperature forecast for this same time-period indicates above-normal temperatures in all regions of the District. [Note: The CPC issues a forecast of future precipitation and temperatures conditions once a month, and due to the publication date of this report on May 20, 2009, the CPC's May 21, 2009 forecast was unavailable for publication].

For more information log on to the CPC's website at:

http://www.cpc.ncep.noaa.gov/products/OUTLOOKS index.html

RELATIONSHIP OF APRIL 2009 RAINFALL TO HISTORICAL RAINFALL AVERAGES

Regional Summary:

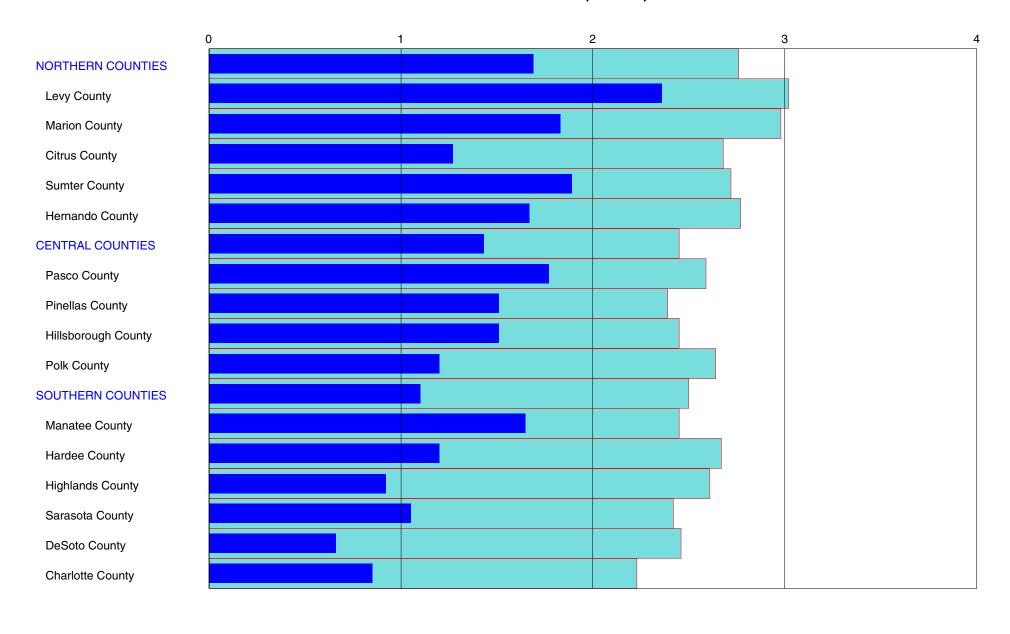
Region	APR 2009 Average Rainfall	Historical Average for APR	Departure from Historical Average	Calendar Year 2009 Cumulative Rainfall JAN-APR	Calendar Year Historical Cumulative Rainfall JAN-APR	Departure from Historical Cumulative APR 2009	Cumulative 12-month Rainfall MAY 2008- APR 2009	Historical 12-month Cumulative Rainfall	Departure from Historical 12-month Cumulative
Northern Counties	1.69	2.76	-1.07	6.03	12.39	-6.36	42.00	53.46	-11.46
Central Counties	1.43	2.45	-1.02	5.04	11.29	-6.25	36.86	52.45	-15.59
Southern Counties	1.10	2.50	-1.40	3.77	10.35	-6.58	41.44	52.33	-10.89
District All Counties	1.38	2.55	-1.17	4.86	11.25	-6.39	39.85	52.57	-12.72
Regional Countie	es Summary:								
NORTHERN COUNTIES	APR 2009 Average Rainfall	Historical Average for APR	Departure from Historical Average	Calendar Year 2009 Cumulative Rainfall JAN-APR	Calendar Year Historical Cumulative Rainfall JAN-APR	Departure from Historical Cumulative APR 2009	Cumulative 12-month Rainfall MAY 2008- APR 2009	Historical 12-month Cumulative Rainfall	Departure from Historical 12-month Cumulative
Levy County Marion County Citrus County Sumter County Hernando County CENTRAL COUNTIES	2.36	3.02	-0.66	8.14	13.44	-5.30	48.92	53.85	-4.93
	1.83	2.98	-1.15	7.48	12.98	-5.50	44.32	54.23	-9.91
	1.27	2.68	-1.41	5.86	12.35	-6.49	43.52	53.88	-10.36
	1.89	2.72	-0.83	5.27	12.11	-6.84	39.06	51.93	-12.87
	1.67	2.77	-1.10	4.96	12.37	-7.41	38.70	54.90	-16.20
Pasco County Pinellas County Hillsborough County Polk County SOUTHERN COUNTIES	1.77	2.59	-0.82	5.20	11.97	-6.77	36.66	53.79	-17.13
	1.51	2.39	-0.88	4.98	11.17	-6.19	37.64	51.42	-13.78
	1.51	2.45	-0.94	5.33	11.11	-5.78	36.69	52.43	-15.74
	1.20	2.64	-1.44	4.78	10.98	-6.20	36.95	51.90	-14.95
Manatee County Hardee County Highlands County Sarasota County DeSoto County Charlotte County	1.65	2.45	-0.80	4.70	10.69	-5.99	38.78	53.58	-14.80
	1.20	2.67	-1.47	4.26	10.32	-6.06	41.02	52.15	-11.13
	0.92	2.61	-1.69	3.82	9.96	-6.14	47.86	51.81	-3.95
	1.05	2.42	-1.37	3.54	10.25	-6.71	39.18	52.67	-13.49
	0.66	2.46	-1.80	2.86	9.71	-6.85	42.02	51.75	-9.73
	0.85	2.23	-1.38	2.99	9.24	-6.25	44.10	52.19	-8.09

APRIL 2009 RAINFALL CHARACTERIZATION

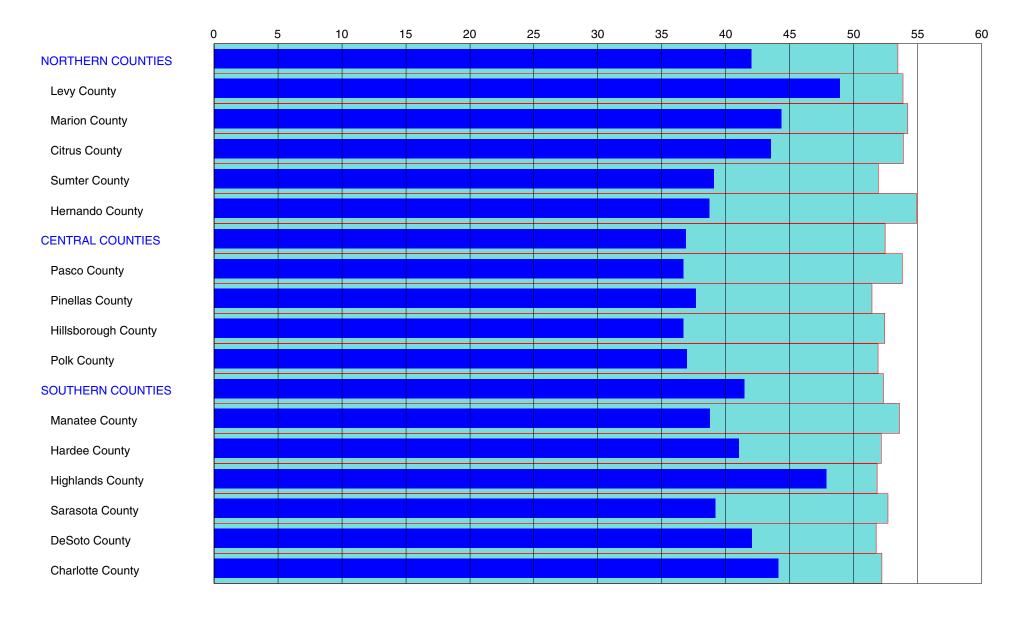
Regional Characterization:

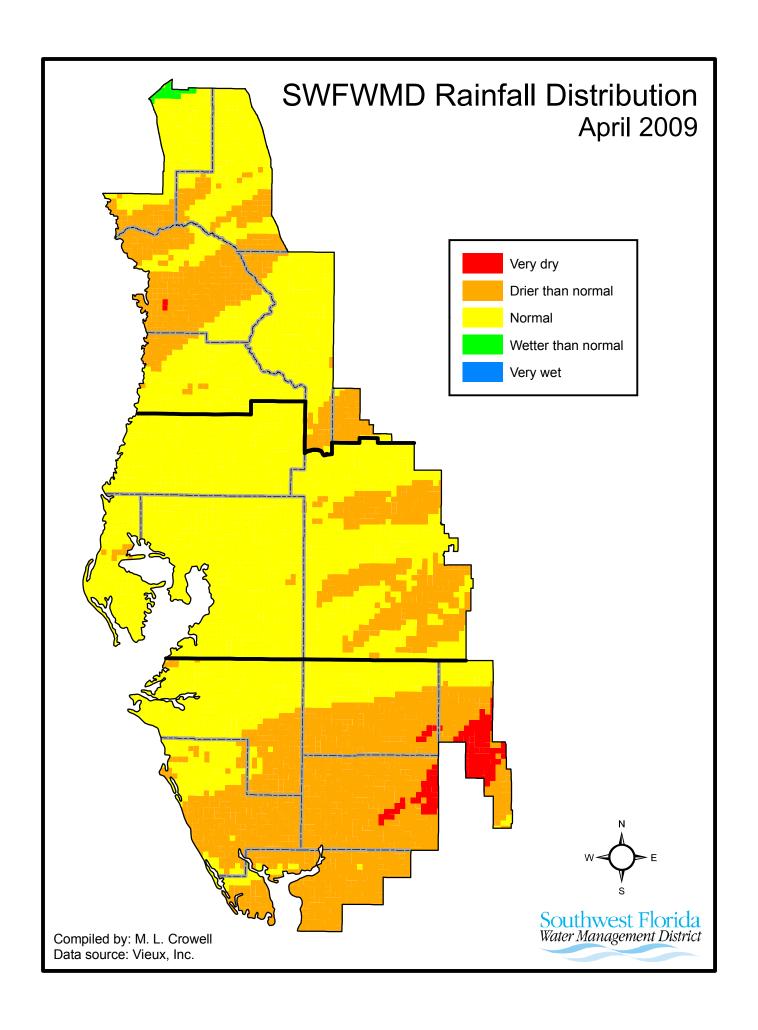
Region	APR 2009 Average Rainfall	Historical APR Percentile	APR Rainfall Characterization	Cumulative 12-month Rainfall MAY 2008 APR 2009	Historical 12-month Cumulative	12-month Cumulative Rainfall Characterization	
Northern Counties Central Counties Southern Counties District Counties	1.69 1.43 1.10 1.38	33 38 22 33	Normal Normal Drier than normal Normal	42.00 36.86 41.44 39.85	8 2 9 3	Very dry Very dry Very dry Very dry	
Regional Countie	es Characteriza	tion:					
NORTHERN COUNTIES	APR 2009 Average Rainfall	Historical APR Percentile	APR Rainfall Characterization	Cumulative 12-month Rainfall MAY 2008 APR 2009	Historical 12-month Cumulative	12-month Cumulative Rainfall Characterization	
Levy County Marion County Citrus County Sumter County Hernando County	2.36 1.83 1.27 1.89 1.67	48 38 28 42 35	Normal Normal Normal Normal Normal	48.92 44.32 43.52 39.06 38.70	32 13 14 8 3	Normal Drier than normal Drier than normal Very dry Very dry	
CENTRAL COUNTIES							
Pasco County Pinellas County Hillsborough County Polk County	1.77 1.51 1.51 1.20	42 44 38 25	Normal Normal Normal Drier than normal	36.66 37.64 36.69 36.95	2 6 2 3	Very dry Very dry Very dry Very dry	
SOUTHERN COUNTIES							
Manatee County Hardee County Highlands County Sarasota County DeSoto County Charlotte County	1.65 1.20 0.92 1.05 0.66 0.85	43 21 17 35 18 31	Normal Drier than normal Drier than normal Normal Drier than normal Normal	38.78 41.02 47.86 39.18 42.02 44.10	4 11 31 7 15 22	Very dry Drier than normal Normal Very dry Drier than normal Drier than normal	

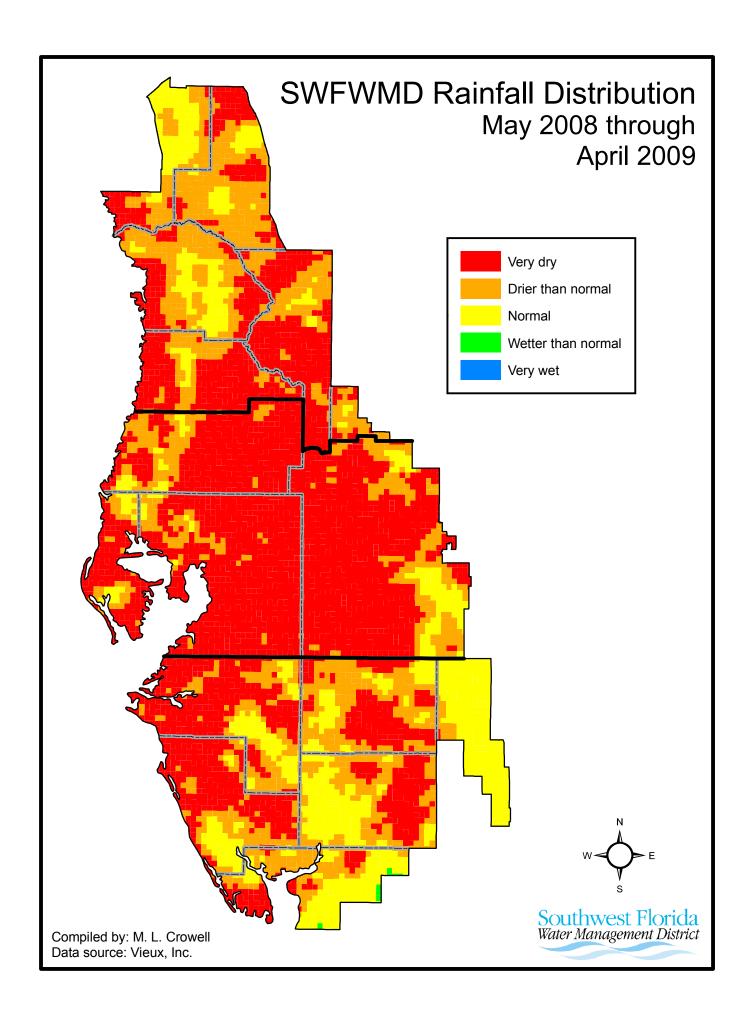
APRIL 2009 RAINFALL HISTORIC AVERAGE VS HISTORICAL APRIL AVERAGE (INCHES)



APRIL 2009 12-MONTH CUMULATIVE RAINFALL VS AVERAGE ANNUAL CUMULATIVE (INCHES)







SURFACE WATER

Lakes

Across the District, 76 lakes have been selected as excellent indicators of current surface water conditions (see index map in Appendix). Water levels of these lakes are read monthly. In general, these lakes are concentrated in four regions, the northern region of Citrus, Hernando, and Sumter Counties, the Tampa Bay region of Hillsborough and Pasco Counties, the Polk Uplands region of northern Polk County, and the Lake Wales Ridge region of Polk and Highlands Counties. In this report, current monthly lake levels are tabulated and compared with previous records as well as District-established management levels. In addition, lake-level data representative of the four regions are presented in hydrographs showing a 15-year history of water levels, as a general indicator of surface-water conditions in that region.

The District's Governing Board (the Board) has established lake management levels for approximately 410 lakes within District boundaries, which are specified in Chapter 40D-8, Florida Administrative Code (F.A.C.). Management levels help protect the water resources of the District and the ecology of the lake or water-body for which it was established. In this report, the following three management levels are used to indicate normal and low lake levels: the Minimum Flood (MF) level, the Minimum Low Management (MLM) level, and the Minimum Extreme Low Management (MELM) level. In general, the MF level corresponds to the normal high level, the MLM to the normal low level, and the MELM to a drought-year low. These levels were derived from various sources, including technical publications, topographic maps, Water Resource Data Reports of the USGS, and other studies. Field investigations are also used to determine past surface levels from water marks, wetland vegetation, dry land vegetation, and to establish the elevation of septic tanks, docks, sea walls, roads and floor slabs.

During a normal year, each of the indicator lakes should reach both the designated normal high (MF) and the normal low (MLM) levels. In addition, it is generally beneficial for lakes to reach the adopted drought year low (MELM) level every four to six years for a short period of time for the biological health of the lake. In this report, hydrographs of representative lakes compare current and recent water levels against "normal ranges" defined by the adopted MF and MLM levels.

Of the 76 lakes presented in this report, 17 have water-control structures. These structures are used for water conservation and do not generally influence the water levels with regard to meteorologically wet or dry conditions. During periods of extreme high water, the structures may be operated to minimize flooding.

In April, 72 of the 76 lakes monitored for this report recorded water level decreases. Water levels decreased in the Northern, Tampa Bay, Polk Uplands and Lake Wales Ridge regions by 0.52, 0.42, 0.43 and 0.48 foot, respectively. District-wide, average water levels decreased by 0.45 foot, compared to last month.

In April, average water levels were lower in 67 of the 76 lakes, compared to April 2008. In the Northern, Tampa Bay and Polk Uplands regions, the average regional lake level was lower by 2.28 feet, 1.37 feet and 0.89 foot, respectively, compared to last year's levels. In the Lake Wales Ridge region, there was "no change" in the average regional lake level. District-wide, average lake levels were lower by 1.27 foot.

Water levels in 74 of the 76 lakes were below the base of the annual normal range. Average lake levels in the Northern and Tampa Bay regions were 6.04 and 2.83 feet, respectively, below the base of the annual normal range. Water levels in the Polk Uplands and Lake Wales Ridge regions were 2.72 and 4.96 feet, respectively, below the base of the annual normal range. District-wide, average lake levels were 3.69 feet below the base of the annual normal range. Water levels in 56 of the 76 lakes were below the drought-year levels.

Period-of-record low water levels were recorded in seven of the 76 lakes in April 2009, as follows:

Northern Region - Lake Iola, Lake Lindsey, Moon Lake and Spring Lake Tampa Bay Region - King Lake and Mud (Walden) Lake Polk Uplands – Lake Bonny

SUMMARY OF LAKE ELEVATIONS OF REGIONAL LAKES (feet)

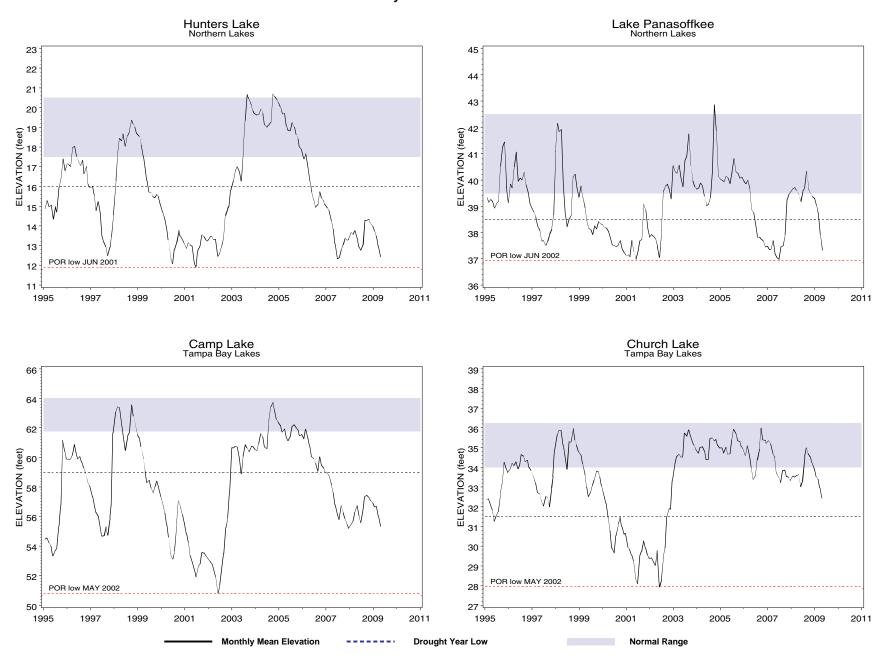
NORTHERN LA	NORTHERN LAKES					Change	Change	Diff	(MELM)	(MLM)	(MF)	Period		Period	
Lake Name	County	Beginning of Record	MAR 2009	APR 2009	APR 2008	from MAR 2009	from APR 2008	from MELM	Drought Year Low	Normal Year Low	Normal Year High	of Record Low	Record Low Date	of Record High	Record High Date
Big Fish Lake	Pasco	1980	68.94	67.89	69.69	-1.05	-1.80	-3.86	71.75	73.05	76.05	65.45	JUN 1997	77.40	SEP 2004
Crews Lake	Pasco	1964	42.95	42.95	43.90	0.00	-0.95	-7.05	50.00	52.00	55.00	42.63	APR 2001	56.60	SEP 1964
Hancock Lake	Pasco	1978	90.00	90.00	94.96	0.00	-4.96	-12.00	102.00	104.00	106.50	90.00	MAR 2009	108.90	MAR 1998
Hunters Lake	Hernando	1965	12.98	12.43	13.37	-0.55	-0.94	-3.57	16.00	17.50	20.50	11.90	JUN 2001	20.70	MAR 1970
Lake Iola	Pasco	1965	134.23	133.70	137.33	-0.53	-3.63	-8.80	142.50	145.00	147.50	133.70	APR 2009	148.70	JAN 1989
Lake Lindsey	Hernando	1965	62.27	61.85	63.73	-0.42	-1.88	-2.65	64.50	66.00	69.00	61.85	APR 2009	70.14	AUG 1965
Little Lake (Čonsu	Citrus	1975	34.23	33.70	36.30	-0.53	-2.60	-3.55	37.25	39.00	41.50	31.10	MAY 2001	42.84	SEP 2004
Lake Miona	Sumter	1978	49.66	49.36	50.36	-0.30	-1.00	-1.64	51.00	53.00	55.00	47.88	MAY 2002	56.60	OCT 1982
Moon Lake	Pasco	1965	33.41	32.98	34.82	-0.43	-1.84	-2.52	35.50	37.50	40.50	32.98	APR 2009	41.26	SEP 2004
Lake Panasoffkee	Sumter	1955	37.92	37.32	39.44	-0.60	-2.12	-1.18	38.50	39.50	42.50	36.93	JUN 2002	44.28	APR 1960
Lake Pasadena	Pasco	1984	83.53	82.90	86.62	-0.63	-3.72	-7.10	90.00	91.50	94.50	81.56	MAY 2001	94.86	OCT 2004
Spring Lake	Hernando	1965	175.19	174.75	177.26	-0.44	-2.51	-3.50	178.25	181.25	184.25	174.75	APR 2009	183.57	OCT 1984
Floral City Pool	Citrus	1957	37.68	36.68	39.58	-1.00	-2.90	-1.57	38.25	40.25	42.50	30.29	APR 2008	44.22	MAR 1960
Inverness Pool	Citrus	1957	35.29	34.68	36.53	-0.61	-1.85	-1.57	36.25	38.25	40.50	31.56	MAY 2001	42.94	APR 1960
Hernando Pool	Citrus	1936	33.56	32.83	34.38	-0.73	-1.55	-1.92	34.75	36.75	39.00	30.92	JUL 1957	41.74	APR 1960

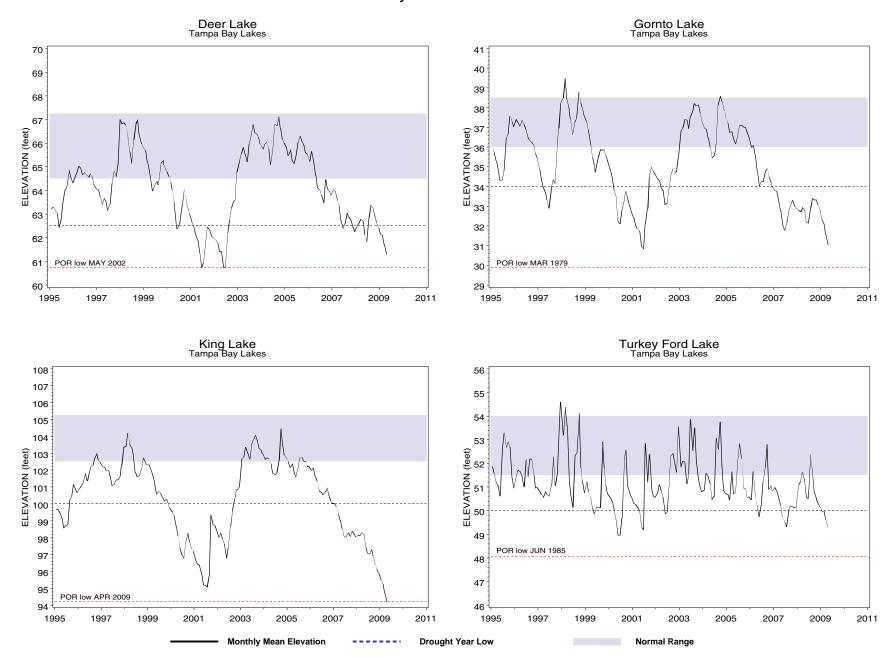
TAMPA BAY L	TAMPA BAY LAKES		PA BAY LAKES					Change	Change	Diff	(MELM)	(MLM)	(MF)	Period		Period	
Lake Name	County	Beginning of Record	MAR 2009	APR 2009	APR 2008	from MAR 2009	from APR 2008	from MELM	Drought Year Low	Normál Year Low	Normal Year High	of Record Low	Record Low Date	of Record High	Record High Date		
Lake Alice	Hillsborough	1971	35.69	35.21	36.42	-0.48	-1.21	-2.29	37.50	40.25	42.25	33.24	MAY 2002	42.42	SEP 2004		
Lake Ann-Parker	Pasco	1969	45.21	44.77	45.86	-0.44	-1.09	-0.23	45.00	45.75	48.75	43.28	JUN 2001	49.29	SEP 1979		
Bay Lake	Hillsborough	1982	44.08	43.62	45.25	-0.46	-1.63	1.12	42.50	44.00	46.75	41.86	APR 1985	46.46	DEC 1997		
Lake Brant	Hillsborough	1971	54.44	54.34	54.46	-0.10	-0.12	-0.16	54.50	56.50	58.75	51.65	JUN 1994	60.04	AUG 1979		
Brooker Lake	Hillsborough	1977	59.92	59.31	60.27	-0.61	-0.96	0.31	59.00	61.00	64.25	56.49	MAY 2002	64.08	DEC 1997		
Calm Lake	Hillsborough	1965	44.48	43.96	45.44	-0.52	-1.48	-1.04	45.00	47.50	50.50	41.88	JUN 2002	50.73	SEP 2004		
Camp Lake	Pasco	1968	56.09	55.35	56.74	-0.74	-1.39	-3.65	59.00	61.75	64.00	50.82	MAY 2002	64.00	SEP 1979		
Carlton Lake	Hillsborough	1976	88.64	87.76	90.55	-0.88	-2.79	-0.24	88.00	90.50	93.50	86.82	MAY 2001	94.60	FEB 1998		
Lake Carroll	Hillsborough	1946	33.14	32.70	34.08	-0.44	-1.38	0.20	32.50	34.50	37.00	30.87	MAY 2002	40.08	SEP 1947		
Church Lake	Hillsborough	1957	32.96	32.44	33.63	-0.52	-1.19	0.94	31.50	34.00	36.25	27.94	MAY 2002	37.28	AUG 1959		
Lake Cooper	Hillsborough	1946	57.15	56.77	57.90	-0.38	-1.13	-0.23	57.00	59.75	61.75	55.60	JUN 2001	62.54	SEP 1947		
Crescent Lake	Hillsborough	1981	38.93	38.97	38.81	0.04	0.16	0.47	38.50	40.00	42.50	35.34	JUN 2001	42.65	DEC 2002		
Deer Lake	Hillsborough	1977	61.73	61.30	62.70	-0.43	-1.40	-1.20	62.50	64.50	67.25	60.72	MAY 2002	67.42	DEC 1997		
Egypt Lake	Hillsborough	1978	35.04	34.54	35.34	-0.50	-0.80	2.04	32.50	35.00	37.50	33.06	MAY 2000	38.15	SEP 1985		
Gornto Lake	Hillsborough	1979	31.56	31.04	32.80	-0.52	-1.76	-2.96	34.00	36.00	38.50	29.86	MAR 1979	39.48	FEB 1998		
Lake Harvey	Hillsborough	1970	57.28	56.83	57.85	-0.45	-1.02	-1.17	58.00	60.25	62.50	53.94	MAY 2002	63.90	DEC 1997		
Lake Hiawatha	Hillsborough	1981	48.56	48.11	49.16	-0.45	-1.05	3.11	45.00	48.00	50.50	46.14	JUN 2000	51.04	DEC 2002		
Horse Lake	Hillsborough	1930	40.18	39.77	41.47	-0.41	-1.70	-2.23	42.00	44.00	46.50	36.33	JUN 2002	50.00	AUG 1959		
Lake Keene	Hillsborough	1948	59.78	59.77	59.80	-0.01	-0.03	0.77	59.00	60.50	63.00	56.12	JUN 2002	63.30	SEP 1953		
Keystone Lake	Hillsborough	1946	39.35	38.84	39.26	-0.51	-0.42	-0.16	39.00	39.75	42.00	37.84	JUN 2000	43.55	MAR 1960		
King Lake	Pasco	1977	94.73	94.20	98.18	-0.53	-3.98	-5.80	100.00	102.50	105.25	94.20	APR 2009	104.92	SEP 1983		
Lake Leclare	Hillsborough	1977	47.70	47.30	48.20	-0.40	-0.90	0.30	47.00	49.50	52.00	44.95	JUN 2001	52.34	DEC 1997		
Lake Linda	Pasco	1969	61.50	61.20	62.94	-0.30	-1.74	-0.80	62.00	64.00	66.75	60.07	MAY 2001	67.13	AUG 1979		
Little Lake	Hillsborough	1979	43.38	42.88	44.30	-0.50	-1.42	0.88	42.00	43.50	46.50	38.06	JUN 1994	46.44	FEB 1998		
Long Pond	Hillsborough	1978	40.53	39.93	41.78	-0.60	-1.85	-2.07	42.00	44.00	46.50	36.33	MAY 1979	48.27	SEP 1998		
Mud (Walden) Lake	Hillsborough	1978	112.30	111.90	112.78	-0.40	-0.88	1.40	110.50	112.50	115.00	111.90	APR 2009	114.42	MAR 1978		
Lake Padgett	Pasco	1965	67.18	66.74	68.96	-0.44	-2.22	-0.76	67.50	69.00	71.25	66.27	JUN 2001	71.90	SEP 1988		
Platt Lake	Hillsborough	1946	46.90	46.50	47.07	-0.40	-0.57	0.50	46.00	47.75	50.50	42.53	JUN 2001	51.88	SEP 1979		
Rainbow Lake	Hillsborough	1971	33.56	33.04	34.78	-0.52	-1.74	-1.96	35.00	37.50	40.50	29.82	JUN 2002	40.74	AUG 2003		
Lake Stemper	Hillsborough	1946	54.74	55.18	56.51	0.44	-1.33	-2.82	58.00	59.50	62.00	53.36	JUN 2001	62.30	MAR 1960		
Lake Thomas	Hillsborough	1971	59.68	59.34	60.70	-0.34	-1.36	0.09	59.25	61.25	63.50	56.48	JUN 2002	64.48	SEP 1979		
Turkey Ford Lake	Hillsborough	1970	49.62	49.30	51.23	-0.32	-1.93	-0.70	50.00	51.50	54.00	48.07	JUN 1985	55.28	SEP 1988		
Lake Wimauma	Hillsborough	1974	73.45	72.68	75.64	-0.77	-2.96	-8.32	81.00	83.00	86.75	70.12	MAY 2001	84.38	MAR 1998		
	3																

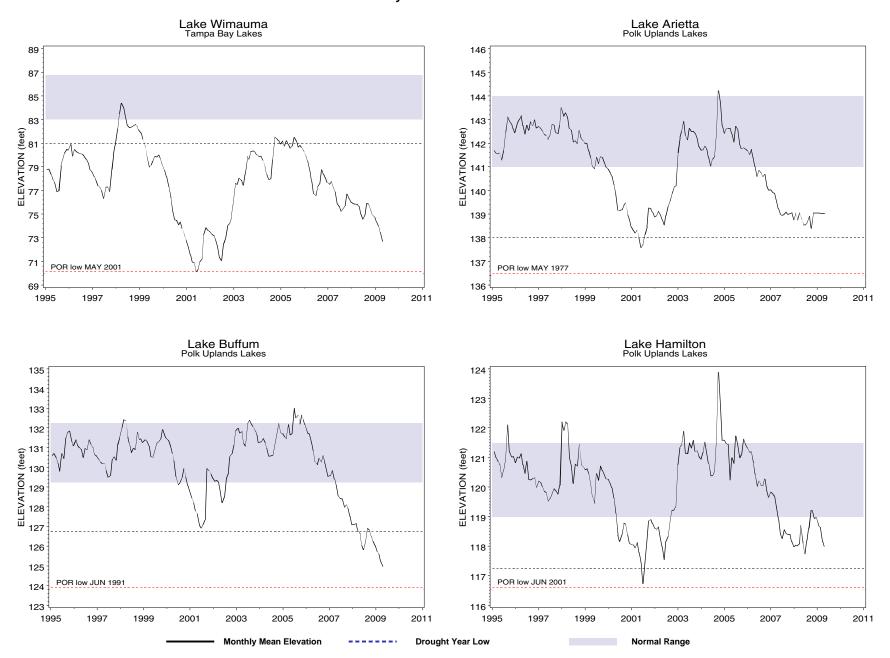
NOTE: M='no data' or 'not determined'

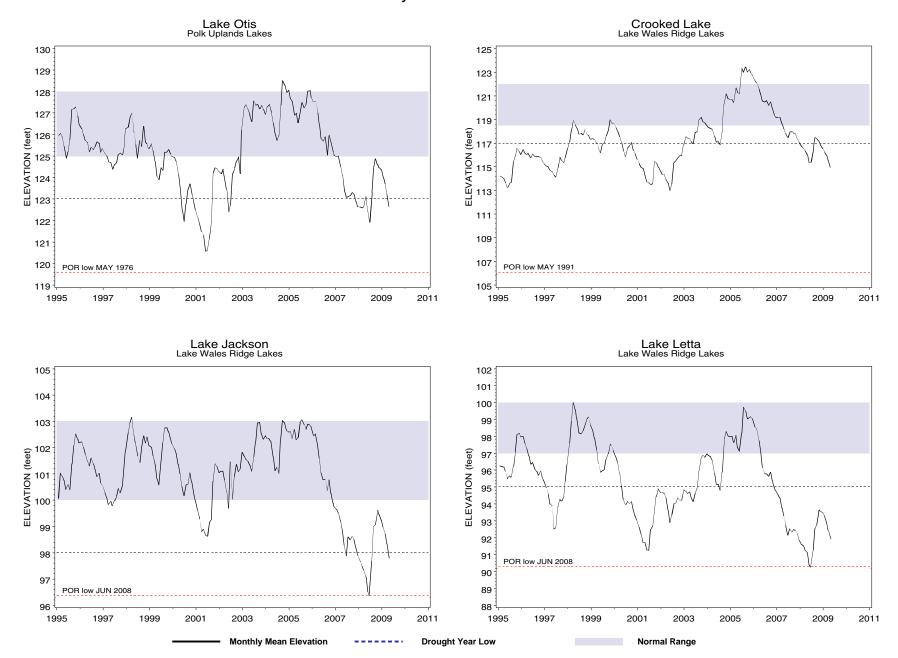
SUMMARY OF LAKE ELEVATIONS OF REGIONAL LAKES (feet)

POLK UPLAN	DS LAKES					Change	Change	Diff	(MELM)	(MLM)	(MF)	Period		Period	
Lake Name	County	Beginning of Record	MAR 2009	APR 2009	APR 2008	from MAR 2009	from APR 2008	from MELM	Drought Year Low	Normal Year Low	Normal Year High	of Record Low	Record Low Date	of Record High	Record High Date
Lake Alfred	Polk	1961	124.75	124.42	125.85	-0.33	-1.43	-1.83	126.25	128.25	130.75	122.40	MAY 1977	132.76	MAR 1998
Lake Ariana	Polk	1945	132.20	131.80	133.32	-0.40	-1.52	-0.70	132.50	134.50	137.00	131.28	MAY 1976	137.90	AUG 1946
Lake Arietta	Polk	1970	139.03	139.02	138.78	-0.01	0.24	1.02	138.00	141.00	144.00	136.50	MAY 1977	144.33	OCT 2004
Blue Lake South	Polk	1986	110.71	110.00	110.10	-0.71	-0.10	-2.50	112.50	114.00	117.00	103.38	FEB 1991	119.19	DEC 2005
Lake Bonny	Polk	1954	123.28	122.62	125.32	-0.66	-2.70	-3.38	126.00	128.00	130.50	122.62	APR 2009	133.08	SEP 2004
Lake Buffum	Polk	1972	125.20	124.97	126.65	-0.23	-1.68	-1.78	126.75	129.25	132.25	123.90	JUN 1991	133.00	JUN 2005
Clearwater Lake	Polk	1979	139.38	138.94	139.60	-0.44	-0.66	-0.06	139.00	141.00	143.50	137.93	MAY 2001	146.06	AUG 1984
Lake Conine	Polk	1989	124.63	124.19	125.10	-0.44	-0.91	-0.31	124.50	126.50	128.75	124.11	MAY 2001	129.95	SEP 2004
Eagle Lake	Polk	1965	125.65	125.22	125.66	-0.43	-0.44	-1.28	126.50	128.50	130.75	118.76	MAY 1976	131.50	SEP 1996
Lake Fannie	Polk	1967	120.69	120.24	121.23	-0.45	-0.99	0.24	120.00	123.50	125.75	118.67	MAY 1977	127.51	SEP 2004
Lake Garfield	Polk	1969	101.22	100.60	102.10	-0.62	-1.50	0.60	100.00	101.00	104.75	97.38	JUN 2001	105.91	SEP 1979
Lake Hamilton	Polk	1945	118.14	117.99	118.71	-0.15	-0.72	0.74	117.25	119.00	121.50	116.61	JUN 2001	124.34	OCT 1948
Lake Helene	Polk	1961	135.68	135.24	134.55	-0.44	0.69	-3.76	139.00	141.00	144.00	134.06	JUN 2008	146.48	MAR 1998
Lake Howard	Polk	1946	129.06	128.64	129.21	-0.42	-0.57	1.64	127.00	129.50	132.00	127.69	MAY 2001	133.10	SEP 1960
Lake Juliana	Polk	1961	127.89	127.42	128.76	-0.47	-1.34	-0.08	127.50	130.00	132.50	126.20	MAY 1976	134.10	MAR 1998
Lake Mcleod	Polk	1965	125.70	125.20	125.08	-0.50	0.12	-2.80	128.00	129.50	132.00	115.11	MAY 1976	131.98	SEP 1998
Lake Otis	Polk	1954	123.20	122.66	123.11	-0.54	-0.45	-0.34	123.00	125.00	128.00	119.58	MAY 1976	129.12	SEP 1960
Lake Ruby	Polk	1976	123.17	122.73	123.60	-0.44	-0.87	1.73	121.00	123.00	125.25	117.41	MAY 1976	125.98	SEP 2004
Lake Gibson	Polk	1954	140.94	140.42	142.48	-0.52	-2.06	-1.08	141.50	141.50	143.50	140.40	JUN 1985	145.40	SEP 1988
LK WALES RI	DGELAKES														
LK WALES KI	DGE LAKES	Beginning	MAR	APR	APR	Change from MAR	Change from APR	Diff from	(MELM) Drought	(MLM) Normal	(MF) Normal	Period of Record	Record	Period of Record	Record
Lake Name	County	of Record	2009	2009	2008	2009	2008	MELM	Year Low	Year Low	Year High	Low	Low Date	High	High Date
Lake Annie	Polk	1970	111.36	110.85	112.14	-0.51	-1.29	-3.15	114.00	116.00	119.00	108.36	JUN 1990	117.56	OCT 2005
Lake Clay	Highlands	1983	76.84	76.32	75.98	-0.52	0.34	1.32	75.00	76.00	78.75	74.34	MAY 2001	78.38	OCT 1995
Crooked Lake	Polk	1945	115.52	114.96	116.05	-0.56	-1.09	-2.04	117.00	118.50	122.00	106.10	MAY 1991	123.98	OCT 1948
Lake Jackson	Highlands	1945	98.35	97.80	97.08	-0.55	0.72	-0.20	98.00	100.00	103.00	96.37	JUN 2008	103.76	SEP 1947
Lake Letta	Highlands	1951	92.44	91.93	91.10	-0.51	0.83	-3.07	95.00	97.00	100.00	90.27	JUN 2008	101.38	OCT 1953
Lake Lotela	Highlands	1950	98.38	97.97	97.90	-0.41	0.07	-6.03	104.00	105.00	108.50	97.00	JUN 2008	109.38	JUL 1954
Lake Placid	Highlands	1984	90.21	89.91	88.68	-0.30	1.23	-0.09	90.00	91.50	94.50	88.08	JUN 2008	94.24	SEP 2003
Starr Lake	Polk	1983	100.24	99.67	100.20	-0.57	-0.53	-8.33	108.00	110.00	113.00	96.23	JUL 2001	109.80	DEC 2005
Trout Lake	Highlands	1981	88.33	87.95	88.27	-0.38	-0.32	-7.05	95.00	98.00	101.00	87.15	MAY 2001	98.90	MAR 1998









Streams

The District processes streamflow data collected by the U.S. Geological Survey (USGS) under a cooperatively funded program between the District and the USGS. Streamflow is recorded daily as water elevations at 12 gauging stations in three regions of the District (see index map in the Appendix). The USGS uses rating curves developed from water level elevations to calculate streamflow discharge in units of cubic feet per second (cfs). For this report, the reported streamflow values are the means of the daily discharge volumes for the current month. The period-of-record high and low values correspond to monthly means and not to peak events. Percentile values are calculated from the monthly means for the period of record, for each station. The percentile is the monthly mean statistically ranked on a scale of zero to 100 that indicates the percent of the period-of-record monthly means that are at or above the present monthly mean. The current year's data are provisional, and are subject to revision. Revised data are used for all calculations, as they become available.

Hydrographs are produced for each of the stream stations. Current monthly means for each station are compared to respective 25th and 75th percentiles of the period-of-record monthly means.

In April, nine of the twelve stations monitored for this report had decreased streamflow compared to last month. Total streamflow increased in the northern region of the District by 1.6 cfs (1.0 mgd), while it decreased in the central and southern regions by 14.5 cfs (9.4 mgd) and 21.7 cfs (14.0 mgd), respectively. District-wide, total streamflow decreased an average of 34.6 cfs (22.4 mgd).

All twelve monitoring stations recorded lower streamflow in April 2009 than in April 2008. Streamflow was lower in the northern region by 266.2 cfs (172.0 mgd), and was lower in the central and southern regions by 725.0 cfs (468.4 mgd) and 369.6 cfs (238.8 mgd), respectively. District-wide, total streamflow was lower, on average, by 1361.0 cfs (879.1 mgd), than the April 2008 average.

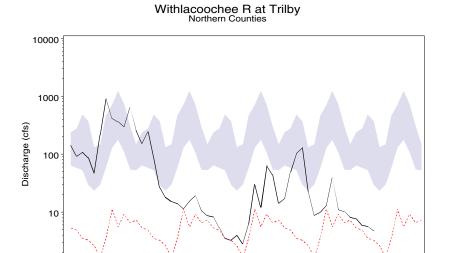
Compared to historical April discharge values, Withlacoochee River streamflow, measured at the Trilby station and the Holder station averaged in the 2nd and 5th percentiles, respectively. Streamflow measured at the Anclote, Hillsborough and Pithlachascotee River stations averaged in the 1st, 4th and 4th percentiles of respective historical April readings. Streamflow measured at the Alafia River, Little Manatee River and Peace River at Bartow stations averaged in the 1st, 19th and 4th percentiles of respective historical April readings. Additionally, streamflow measured at the Josephine Creek, Manatee River, Myakka River and Peace River at Arcadia stations averaged in the 6th, 27th, 21st and 2nd percentiles of respective historical April readings.

SUMMARY OF STREAM DISCHARGE FROM MAJOR STREAMS (CFS), APRIL 2009

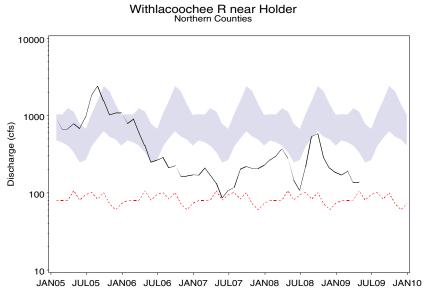
NORTHERN COUNTIES	Beginning Year of Record	Mean Discharge APR 2009	Mean Discharge MAR 2009	Mean Discharge APR 2008	Change from MAR 2009	Change from APR 2008	APR 2009 Percentile Rank	Period of Record Low	Record Low Date	Period of Record High	Record High Date
Withlacoochee R at Trilby Withlacoochee R near Holder	1928 1928	4.8 137.8	5.7 135.3	128.5 280.3	-0.9 2.5	-123.7 -142.5	2% 5%	0.1 33.0	JUN2000 MAR2001	8840 8660	JUN1934 APR1960
CENTRAL COUNTIES											
Anclote River near Elfers	1946	2.0	2.4	34.5	-0.4	-32.5	1%	0.8	MAY1962	3710	JUL1960
Pithlachascottee R near New Port Riche	y 1963	0.0	0.0	4.5	0.0	-4.5	4%	0.0	APR2009	1420	SEP1988
Hillsborough R near Zephyrhills	1939	44.4	45.8	242.7	-1.4	-198.3	4%	27.0	MAY2001	12300	MAR1960
Alafia River at Lithia	1932	13.4	22.2	347.6	-8.8	-334.2	1%	4.1	JUN2000	40800	SEP1933
Little Manatee R near Wimauma	1939	16.0	17.9	151.3	-1.9	-135.3	19%	0.9	DEC1976	11100	SEP1960
Peace River at Bartow	1939	4.6	7.0	47.6	-2.4	-43.0	4%	0.0	APR2009	4100	SEP1947
SOUTHERN COUNTIES											
Josephine Cr near DeSoto City	1946	4.7	6.7	24.7	-2.0	-20.0	6%	0.5	MAY1956	1680	SEP1948
Manatee River near Myakka Head	1966	5.9	5.5	36.0	0.4	-30.1	27%	0.1	MAY1975	6440	JUN2003
Myakka River near Sarasota	1936	3.4	7.2	80.2	-3.8	-76.8	21%	0.0	JUL2007	10800	JUN2003
Peace River at Arcadia	1931	39.1	55.1	258.9	-16.0	-219.8	2%	5.6	MAY2000	34700	SEP1933

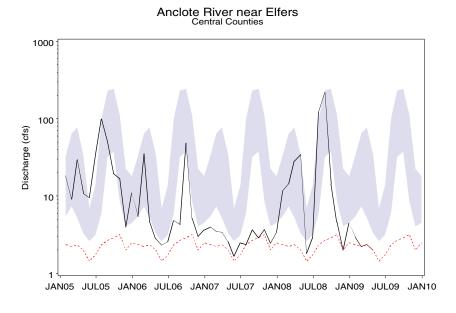
HYDROGRAPHS OF MAJOR STREAMS JANUARY 2005 TO APRIL 2009

POR Monthly Low

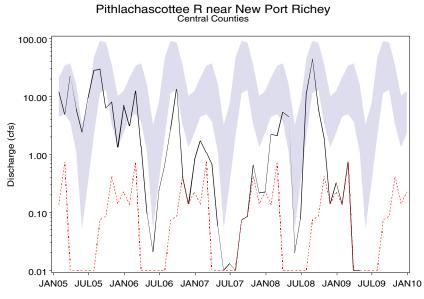


JAN05 JUL05 JAN06 JUL06 JAN07 JUL07 JAN08 JUL08 JAN09 JUL09 JAN10





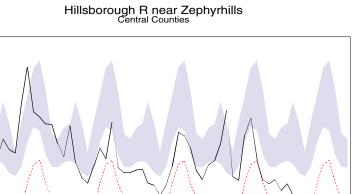
Monthly Mean Discharge



Normal Range

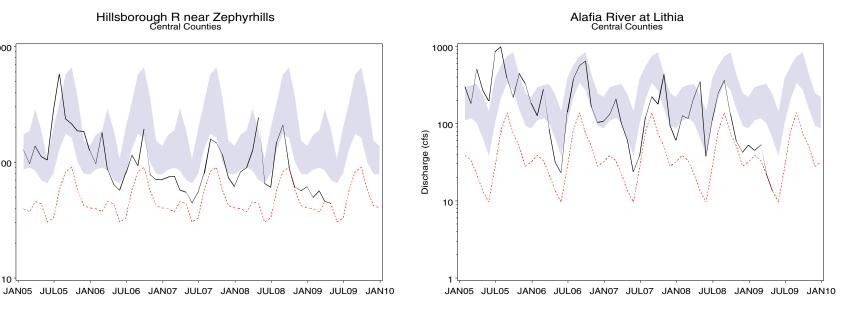
HYDROGRAPHS OF MAJOR STREAMS JANUARY 2005 TO APRIL 2009

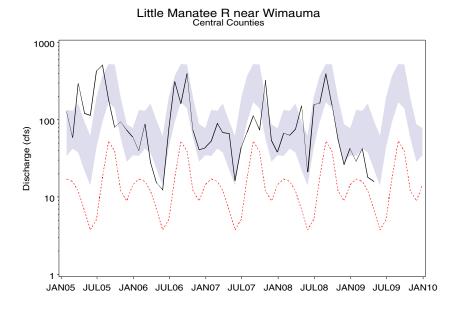
POR Monthly Low



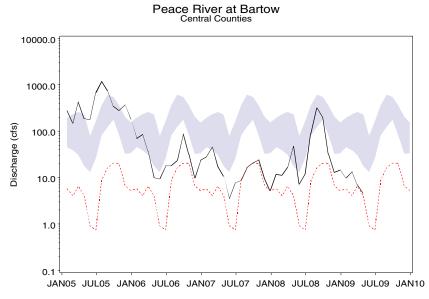
1000

Discharge (cfs)





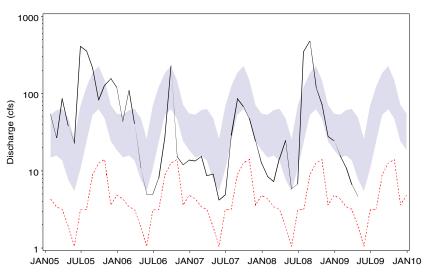
Monthly Mean Discharge



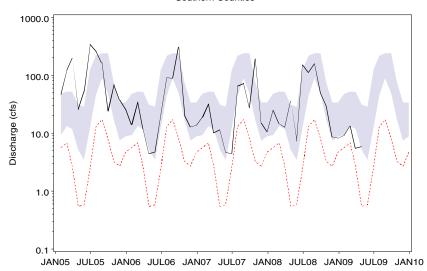
Normal Range

HYDROGRAPHS OF MAJOR STREAMS JANUARY 2005 TO APRIL 2009

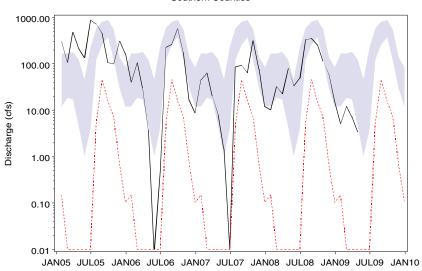
Josephine Cr near DeSoto City Southern Counties



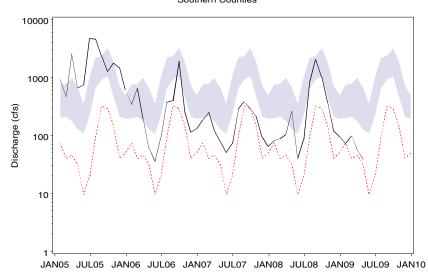
Manatee River near Myakka Head Southern Counties



Myakka River near Sarasota Southern Counties



Peace River at Arcadia Southern Counties



Monthly Mean Discharge

POR Monthly Low

Normal Range

Springs

The District processes springflow data collected by Tampa Bay Water through a mutual agreement and by the U.S. Geological Survey (USGS) under a cooperatively funded program between the District and the USGS. Springflow is monitored at seven gauging stations in three regions of the District (see index map in the Appendix). Springflow data for Rainbow, Silver and Sulphur Springs are recorded as daily water levels. The USGS uses rating curves developed for these springs from historical water level elevations to calculate springflow discharge in units of cubic feet per second (cfs). Crystal and Weeki Wachee Springs discharge (cfs) is provided as an instantaneous reading calculated by the USGS. Buckhorn and Lithia Springs discharge is obtained from Tampa Bay Water biweekly and weekly, respectively. Period-of-record high and low values correspond to monthly theoretical means and not to peak events. Values are reported as percentiles calculated from an analysis of historical monthly means recorded during a given month. The percentile is the monthly mean ranked on a scale of zero to 100 that indicates the percent of period-of-record values that are above, equal to or below the median (50th percentile) for the current month. The values reported are provisional, and are subject to revision at the end of the water year. Revised USGS springflow data are loaded into the District's WMDB when they become available.

Hydrographs are produced for the seven-springflow stations, and current values are compared to respective 25th and 75th percentiles that are calculated from historical data. The 25th and 75th percentiles are calculated using the SASTM software system for data analysis using period-of-record monthly theoretical means for each springflow station analyzed.

In April, four of the seven stations reported decreased springflow, compared to the previous month. Total springflow decreased in the northern region by 61.0 cfs (39.4 mgd), while it slightly increased in the central region by 1.4 cfs (0.9 mgd). District-wide, springflow decreased by 59.6 cfs (38.5 mgd).

Total springflow recorded in all seven stations was lower in April 2009 than April 2008. Total springflow for the northern and central regions was lower by 152.0 cfs (98.2 mgd) and 48.0 cfs (31.0 mgd), respectively. District-wide, springflow decreased by 200.0 cfs (129.3 mgd), compared to April 2008 rates.

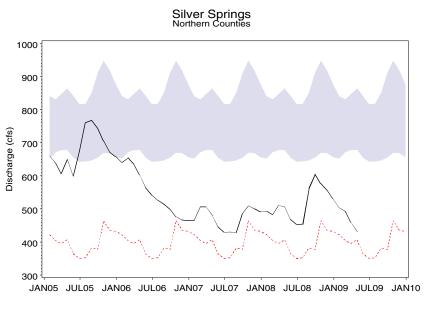
Compared to historical period-of-record values for April, total springflow measured in Rainbow, Silver and Weeki Wachee Springs, in the northern region, was in the 3rd, 2nd and 1st percentiles of respective historical readings. Springflow measured in Crystal, Sulphur, Buckhorn and Lithia Springs in the central region was in the 23rd, 10th, 5th and 1st percentiles, respectively, of historical April readings.

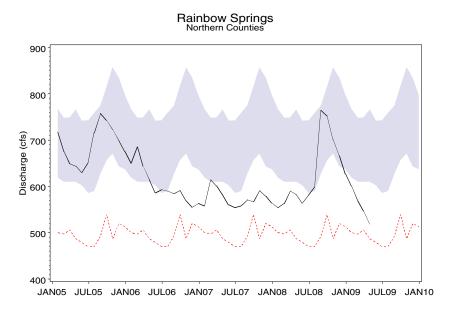
[Note: Due to boundary changes in the geographical delineations of the northern, central and southern regions of the District (see index maps in the Appendix), Buckhorn and Lithia Springs are now located in the central region].

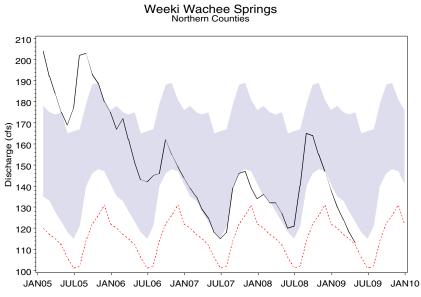
SUMMARY OF SPRINGS DISCHARGE FROM MAJOR SPRINGS (CFS), APRIL 2009

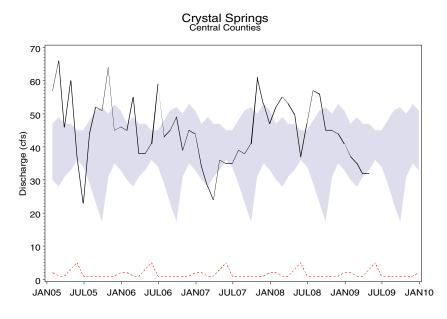
NORTHERN COUNTIES	APR 2009 Discharge	MAR 2009 Discharge	APR 2008 Discharge	Change From MAR 2009	Change From APR 2008	APR 2009 Percentile Rank	Period of Record Low	Record Low Date	Period of Record High	Record High Date
Rainbow Springs	519.0	547.0	582.0	-28.0	-63.0	3%	470.0	JUL2001	1230.0	OCT1964
Silver Springs	431.0	459.0	506.0	-28.0	-75.0	2%	350.0	JUN2001	1290.0	OCT1960
Weeki Wachee Springs	113.0	118.0	127.0	-5.0	-14.0	1%	101.0	JUN1994	257.0	OCT2004
CENTRAL COUNTIES										
Crystal Springs	32.0	32.0	50.0	0.0	-18.0	23%	1.0	NOV1997	580.0	DEC1997
Sulphur Springs	7.0	6.9	7.2	0.1	-0.2	10%	0.0	MAY2007	145.0	MAR1960
Buckhorn Springs	9.2	9.9	13.0	-0.7	-3.8	5%	2.2	MAY2006	32.7	AUG2004
Lithia Springs	15.0	13.0	41.0	2.0	-26.0	1%	5.0	JUN1985	91.0	NOV2004

HYDROGRAPHS OF REGIONAL SPRINGS JANUARY 2005 TO APRIL 2009

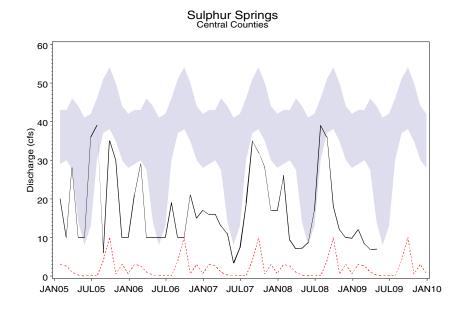


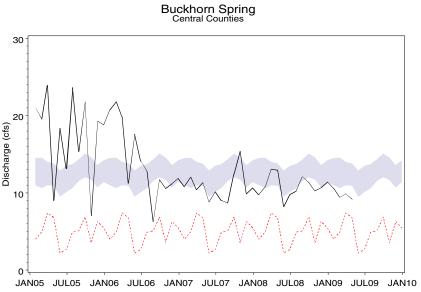


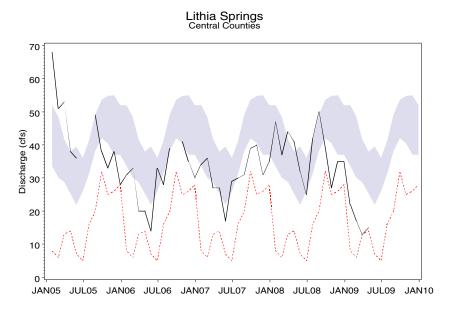




HYDROGRAPHS OF REGIONAL SPRINGS JANUARY 2005 TO APRIL 2009







GROUND WATER

The ground-water section of this report has been revised and now provides ground-water level information within the District based on geographically delineated areas (regions) within the District, and no longer uses regional delineations based on hydrogeologic characteristics. The purpose for using geographical boundaries (only) has been to eliminate past confusion that resulted when regional ground-water data pertaining to the surficial aquifer and Intermediate/Floridan aquifer were reported based on hydrogeologic boundaries, while the Aquifer Resource Index section reported ground-water data based on geographic boundaries. This change should provide consistency in the review and reporting of all ground-water information.

For this report, the District has been divided into three geographical regions that are defined by county boundaries (see index maps in the Appendix). Each regional area includes all or part of each county that is located within that region and that is also within the District's jurisdictional boundaries. The northern region includes the counties of Citrus, Hernando, Lake, Levy, Marion and Sumter, where the Floridan aquifer is generally unconfined and at or near land surface, allowing rainfall to easily recharge (replenish) the aquifer system. The central region includes the counties of Hillsborough, Pasco, Pinellas and Polk, where the Floridan aquifer can be unconfined, semi-confined or confined (overlain by thick clays). Where the Floridan aquifer is confined, recharge to the aquifer from rainfall is low. The southern region includes the counties of Charlotte, DeSoto, Hardee, Highlands, Manatee and Sarasota, where the Floridan aquifer is confined.

Twelve surficial aquifer (shallow, non-artesian) and 51 intermediate and Floridan aquifer (deep) monitor wells are measured for this report to determine the relative health of ground-water levels District-wide. Only monitor wells with an adequate and reliable period-of-record water level measurements were selected for the network. For each well, the 25th and 75th percentiles ("low normal" and "high normal," respectively) were calculated for each week of the year using the period-of-record data. The 25th and 75th percentiles are used to represent the lower and upper limits of the normal range, as they are considered a reliable and robust measure of the normal range, and are less affected by extremes in the data record. The end-of month water-level readings measured for this report are compared to their corresponding normal ranges. Trend data from 16 intermediate and Floridan aquifer wells are shown in hydrographs to compare current water levels to the low normal and high normal levels.

Data from these wells are further compiled into regional statistics for the three regions of the District. Wells in the northern counties are unconfined and non-artesian, while those in the southern counties are confined and artesian. Wells included in the central counties vary between confined and unconfined conditions due to the transitional nature of geology in this area. The potentiometric levels of representative Floridan aquifer wells are used to produce the potentiometric surface maps presented in this report.

Surficial Aquifer

During April, all twelve surficial aquifer wells recorded water level decreases compared to last month. Regionally, average surficial aquifer water levels decreased in the northern, central and southern regions of the District by 0.91, 0.33 and 0.34 foot, respectively. District-wide, average surficial aquifer water levels decreased by 0.43 foot.

In April, average water levels in all twelve surficial aquifer wells were lower than April 2008 levels. Average surficial aquifer water levels were lower in the northern, central and southern regions by 3.24, 1.59 and 1.56 feet, respectively. District-wide, average water levels in surficial wells were 1.86 feet lower than April 2008 levels.

At the end of April, water levels were below the normal range in nine of the twelve surficial wells. Average surficial aquifer water levels in the northern and southern regions were below the bottom of the normal range by 1.73 feet and 0.88 foot, respectively. Water levels in the central region were 0.18 foot above the bottom of the normal range. District-wide, the average water level in surficial wells was 0.40 foot below the bottom of the normal range.

SUMMARY OF SURFICIAL AQUIFER LEVELS IN REPRESENTATIVE WELLS, APRIL 2009

NORTHERN COUNTIES	APR 2009 Elev	MAR 2009 Elev	APR 2008 Elev	Change From MAR 2009	Change From APR 2008	APR Historical Low Normal	APR Historical High Normal	Departure From Low Normal	Period of Record Low	Record Low Date	Period of Record High	Record High Date
Green Swamp	84.77	86.35	90.67	-1.58	-5.90	87.45	90.67	-2.68	82.95	MAY2000	93.07	SEP1985
Lecanto 2	6.11	6.35	6.68	-0.24	-0.57	6.88	8.85	-0.77	5.76	MAY2001	13.92	SEP1974
CENTRAL COUNTIES												
Loughman	89.64	89.97	91.56	-0.34	-1.92	90.44	91.88	-0.80	88.19	AUG2000	95.79	SEP2004
Lutz-Lake Fern	55.43	55.77	57.08	-0.34	-1.65	55.72	57.03	-0.29	53.39	AUG1992	67.92	MAY1966
ROMP 50 Shallow	40.55	40.59	41.71	-0.04	-1.15	40.96	41.61	-0.41	39.93	MAY1989	44.05	SEP2001
SR 33 & Combee Road	130.28	130.66	131.90	-0.38	-1.62	132.34	134.60	-2.06	129.16	FEB2001	136.97	OCT1995
SR 577 Shallow	122.43	122.95	123.26	-0.52	-0.83	117.35	123.15	5.08	110.18	FEB1991	129.02	AUG2003
Tarpon Road Shallow	10.93	11.04	14.58	-0.11	-3.65	10.55	12.67	0.38	9.31	JUN1978	16.30	OCT2006
USGS P-48	97.25	97.81	97.54	-0.56	-0.29	97.88	99.52	-0.63	96.07	JUN2001	104.79	SEP2004
SOUTHERN COUNTIES												
Edgeville 4 Shallow	64.97	65.50	66.95	-0.53	-1.98	66.17	67.56	-1.20	63.85	MAY1975	69.93	SEP1971
ROMP 26 Shallow	65.83	65.99	67.60	-0.16	-1.77	67.53	70.30	-1.70	64.32	JUN1999	75.11	JUN1982
SR 74	13.93	14.27	14.86	-0.34	-0.93	13.67	14.75	0.26	12.66	MAY2000	18.32	JUL2001

Intermediate and Floridan Aquifers

In April, 39 of the 51 intermediate and Floridan aquifer wells monitored for this report recorded water level decreases. Regionally, average water levels decreased in the northern and central regions of the District by 1.18 feet and 0.74 foot, respectively. Water levels decreased in the southern region by 0.70 foot. District-wide, the mean water level in the intermediate and Floridan aquifer wells decreased 0.87 foot.

During April, water levels in 49 of the 51 intermediate and Floridan aquifer wells were lower than those measured in April 2008. Regionally, the mean water level in the northern, central and southern regions was 1.94, 4.31 and 5.16 feet, respectively, lower than April 2008 levels. District-wide, average water levels in intermediate and Floridan aquifer wells were 3.98 feet lower than last year.

For April, 44 of the 51 intermediate and Floridan aquifer wells had levels below the normal range, compared to historical monthly levels. Regionally, the average water level in the northern, central and southern regions was 2.37, 1.49 and 2.64 feet, respectively, below the bottom of the normal range. District-wide, the average water level in intermediate and Floridan aquifer wells was 2.16 feet below the normal range.

Period-of-record low water levels were recorded in one of the 51 monitor wells in April 2009, as follows:

Northern Counties - Weeki Wachee Deep

SUMMARY OF INTERMEDIATE AND FLORIDAN AQUIFER LEVELS IN REPRESENTATIVE WELLS, APRIL 2009

Regional Summary:

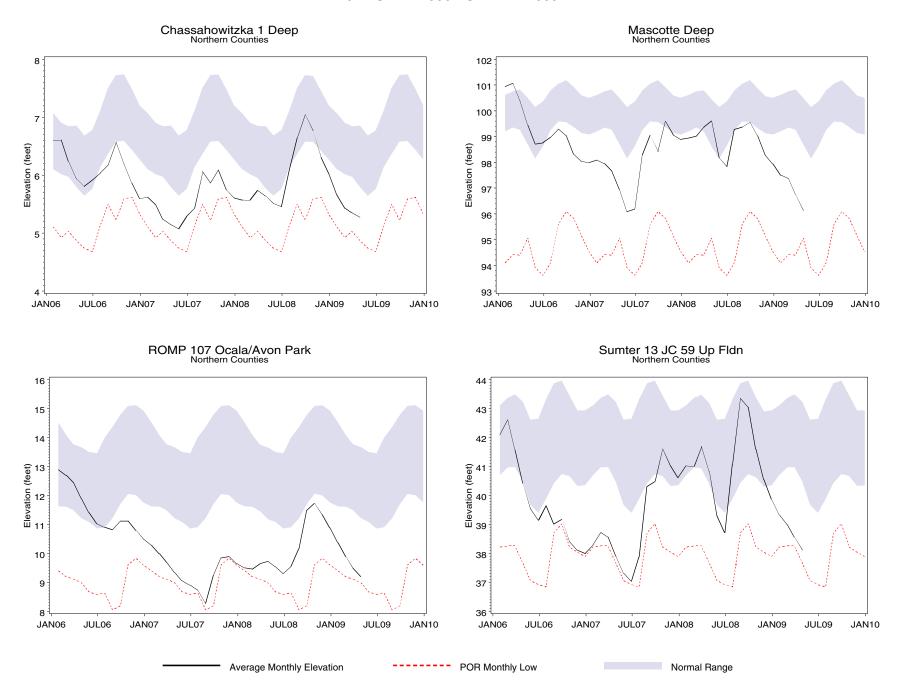
Region	APR 2009 Mean Elevation	APR 2009 Relation to POR Median	APR 2009 Relation to 25th Percentile	APR 2009 Mean Percentile Rank	MAR 2009 Mean Percentile Rank	APR 2008 Mean Percentile Rank
Northern Counties	34.50	-3.33	-1.68	8%	16%	28%
Central Counties	49.39	-4.66	-1.69	12%	11%	49%
Southern Counties	20.22	-6.80	-1.85	17%	10%	37%

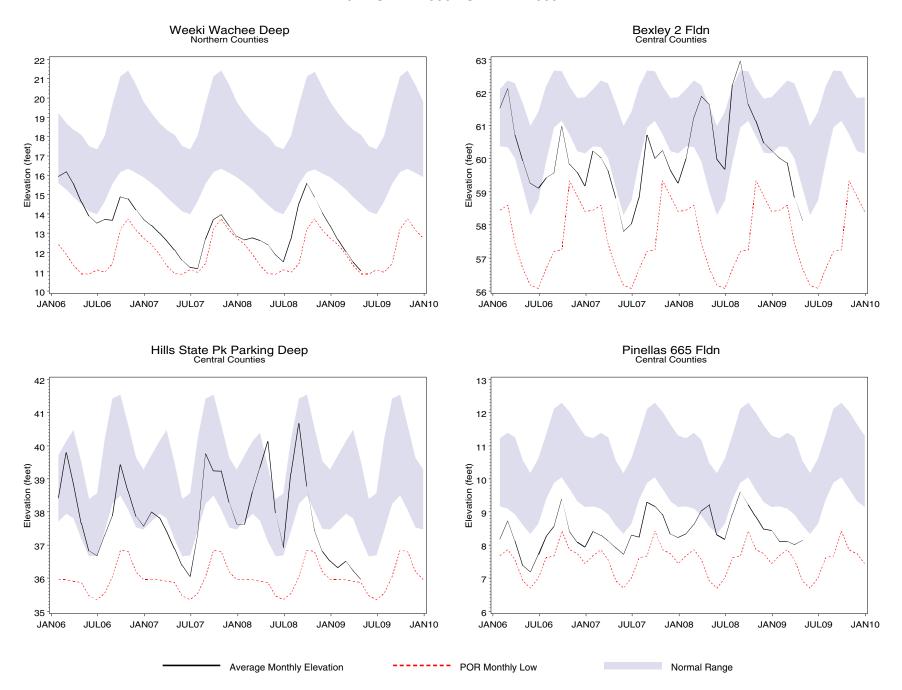
Regional Wells Summary:

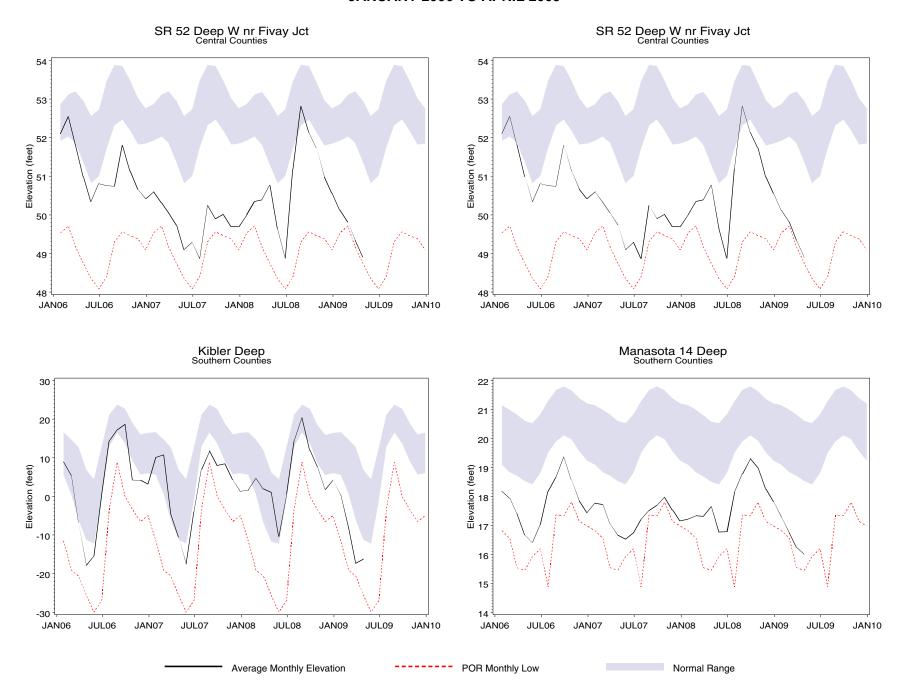
NORTHERN COUNTIES	APR 2009 Elev	MAR 2009 Elev	APR 2008 Elev	Change From MAR 2009	Change From APR 2008	APR Historical Low Normal	APR Historical High Normal	Departure From Low Normal	APR 2009 Percentile Rank	Period of Record Low	Record Low Date	Period of Record High	Record High Date
CE 14 Dunnellon Deep	34.73	35.29	37.56	-0.56	-2.83	37.53	42.55	-2.80	1%	34.14	JUN2001	50.90	MAR1998
Chassahowitzka 1 Deep	5.16	5.56	5.55	-0.40	-0.39	5.75	6.83	-0.59	6%	4.68	JUN2001	9.75	SEP2004
Inverness Dot Fldn	24.38	25.23	24.56	-0.85	-0.18	28.34	31.15	-3.96	8%	21.63	JUN2001	37.80	OCT1982
Mascotte Deep	96.02	96.60	99.07	-0.58	-3.05	98.54	100.40	-2.52	5%	93.61	JUN2000	102.66	SEP1988
ROMP 103 Suwannee/Ocala	34.22	34.74	36.74	-0.52	-2.52	37.94	43.05	-3.72	1%	33.77	JUL2001	51.03	OCT2004
ROMP 107 Ocala/Avon Park	9.16	9.39	9.70	-0.23	-0.54	11.17	13.64	-2.01	4%	8.05	AUG2007	19.78	NOV1982
ROMP 134 Ocala/Avon Park	42.77	43.38	43.89	-0.61	-1.12	44.03	49.95	-1.26	9%	38.71	JUL2002	57.37	APR1998
ROMP 89 Ocala	84.84	86.08	91.33	-1.24	-6.49	88.71	91.42	-3.87	3%	82.42	JUN2000	94.99	DEC1997
ROMP 97 Avon Park	12.23	12.78	14.13	-0.55	-1.90	15.40	20.09	-3.17	1%	11.88	JUN2001	26.24	SEP2004
ROMP Tr 124 Avon Park	2.33	3.04	2.88	-0.71	-0.55	2.39	3.30	-0.06	23%	0.77	SEP2004	6.11	AUG1985
ROMP Tr 21-2 Ocala/Avon Pk	1.43	2.21	1.54	-0.78	-0.11	1.32	1.92	0.11	33%	0.03	FEB2001	4.56	NOV1987
Sumter 13 JC 59 Up Fldn	38.05	38.46	40.24	-0.41	-2.19	40.31	43.11	-2.26	5%	36.84	JUL2007	47.01	JUN2003
Webster City Fldn	76.94	77.57	80.98	-0.63	-4.04	80.61	84.55	-3.67	9%	74.48	JUL1981	88.77	SEP2005
Weeki Wachee Deep	10.98	11.36	12.20	-0.38	-1.22	14.41	17.98	-3.43	1%	10.90	APR2009	23.91	AUG1984

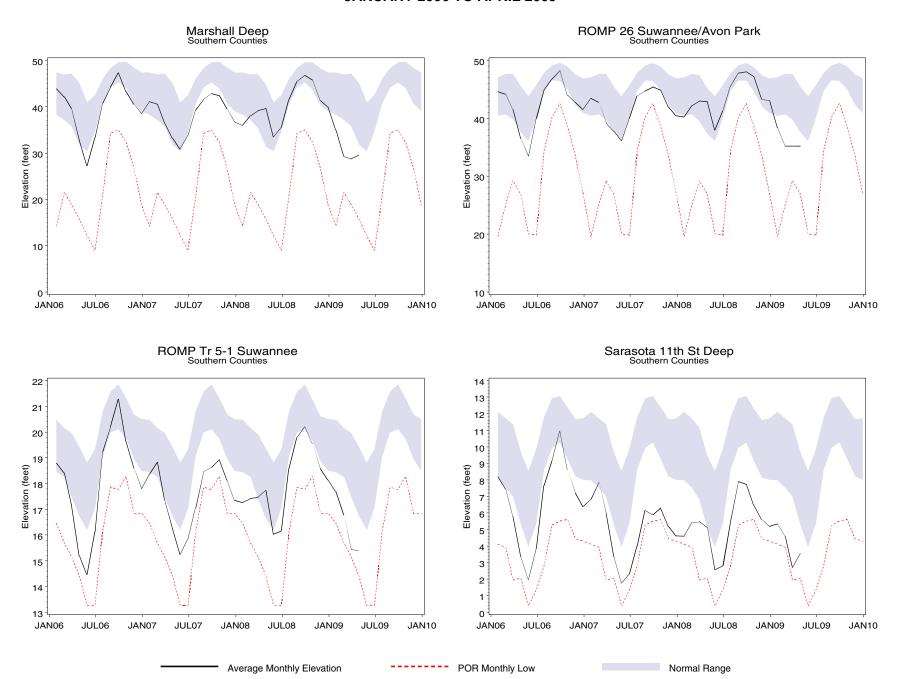
Regional Wells Summary (continued):

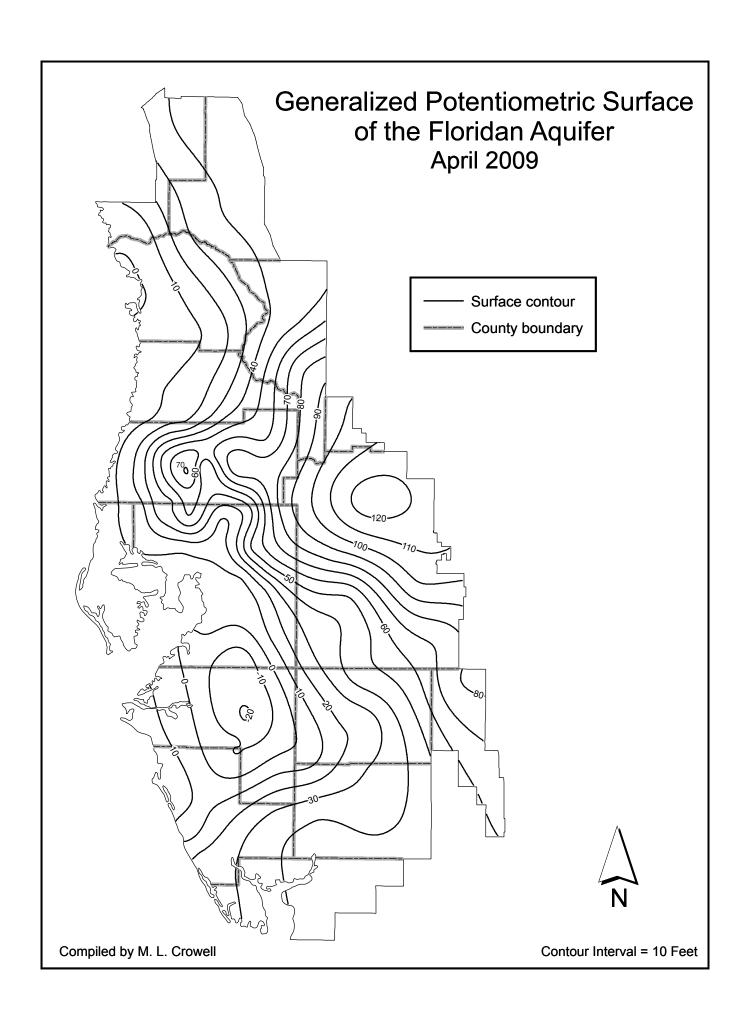
•	•	•		Change	Change	APR	APR	Departure	APR				
	APR	MAR	APR	From	From	Historical	Historical	From	2009	Period of	Record	Period of	Record
	2009	2009	2008	MAR	APR	Low	High	Low	Percentile	Record	Low	Record	High
CENTRAL COUNTIES	Elev	Elev	Elev	2009	2008	Normal	Normal	Normal	Rank	Low	Date	High	Date
Bexley 2 Fldn	58.01	58.57	61.06	-0.56	-3.05	58.89	61.48	-0.88	9%	56.08	JUN2000	64.07	SEP1988
Hills State Pk Parking Deep	35.93	36.14	39.14	-0.21	-3.21	37.04	39.22	-1.11	1%	35.35	JUN2000	47.42	DEC1997
Lk Alfred Deep nr Lake Alfre	123.61	124.52	125.12	-0.91	-1.51	124.54	127.40	-0.93	14%	119.85	MAY1974	131.62	OCT1960
Lykes Pasco Fldn	59.69	60.25	64.55	-0.56	-4.86	61.67	67.61	-1.98	7%	56.94	JUN2000	74.89	MAR1998
Masaryktown Deep	23.05	23.88	24.30	-0.83	-1.25	29.30	37.47	-6.25	2%	21.89	AUG1994	50.32	SEP1984
Moon Lake Deep	27.12	27.48	28.67	-0.36	-1.55	28.95	31.11	-1.83	1%	26.15	JUN2000	34.38	MAR1998
Pasco Well 13 nr Drexel Fldn	68.49	68.93	71.18	-0.44	-2.69	71.29	73.39	-2.80	1%	68.00	JUN2001	77.14	JUL1960
Pinellas 665 Fldn	8.06	8.25	8.94	-0.19	-0.88	8.52	10.41	-0.46	8%	6.70	MAY2006	14.79	SEP1959
ROMP 45 Avon Park	51.31	51.04	62.56	0.27	-11.25	49.58	66.19	1.73	30%	31.75	MAY1981	84.42	OCT2004
ROMP 50 Avon Park	-4.52	-3.54	0.29	-0.98	-4.81	-5.67	3.15	1.15	32%	-17.09	JAN2005	14.95	AUG1982
ROMP 59 Swnn/AvPk	52.83	52.79	63.89	0.04	-11.06	49.81	66.78	3.02	33%	33.33	MAY1981	85.92	OCT2004
ROMP 66 Tampa	15.00	15.20	17.18	-0.20	-2.18	15.04	17.61	-0.04	25%	12.04	JUN1977	24.51	DEC1997
ROMP 87 Avon Park	96.50	97.29	102.14	-0.79	-5.64	99.32	102.76	-2.82	3%	94.90	JUN2000	106.30	FEB1998
ROMP 93 Swnn/AvPk	61.84	62.52	65.87	-0.68	-4.03	65.61	72.46	-3.77	7%	59.02	JUN2001	76.60	SEP1982
SR 52 Deep W nr Fivay Jct	48.84	49.22	50.34	-0.38	-1.50	51.22	52.86	-2.38	1%	48.08	JUN2000	56.75	SEP1988
SR 577 Deep	75.64	76.13	85.53	-0.49	-9.89	83.75	91.56	-8.11	4%	72.76	JUN2000	98.51	MAR1998
Sanlon Ranch Fldn	82.57	83.30	90.01	-0.73	-7.44	81.25	92.02	1.32	35%	66.38	MAY1975	105.27	OCT2004
Tarpon Rd Deep	8.61	9.13	9.46	-0.52	-0.85	9.24	10.30	-0.63	6%	6.95	MAY2007	13.06	SEP1971
raipon na Beep	0.01	3.10	0.40	0.52	0.00	5.24	10.00	0.00	0 /0	0.55	WIATZOOT	10.00	OLI 1071
				Change	Change	APR	APR	Departure					
	APR	MAR	APR	Change From	From		Historical	Departure From	APR 2009	Period of	Record	Period of	Record
	APR 2009	MAR 2009	APR 2008		From APR			,	2009 Percentile	Period of Record	Record Low	Period of Record	Record High
SOUTHERN COUNTIES				From	From	Historical	Historical	From	2009				
SOUTHERN COUNTIES	2009	2009	2008	From MAR	From APR	Historical Low	Historical High	From Low	2009 Percentile	Record	Low Date	Record	High
Big Slough Deep	2009	2009	2008	From MAR	From APR	Historical Low	Historical High	From Low	2009 Percentile	Record	Low	Record	High
	2009 Elev	2009 Elev	2008 Elev	From MAR 2009	From APR 2008	Historical Low Normal	Historical High Normal	From Low Normal	2009 Percentile Rank	Record Low	Low Date	Record High	High Date
Big Slough Deep	2009 Elev 28.64	2009 Elev 29.11	2008 Elev 31.41	From MAR 2009 -0.47	From APR 2008 -2.77	Historical Low Normal	Historical High Normal 32.96	From Low Normal -1.91	2009 Percentile Rank	Record Low 26.82	Low Date MAY2006	Record High 36.12	High Date OCT1995
Big Slough Deep Edgeville 3 Deep	2009 Elev 28.64 11.00	2009 Elev 29.11 9.19	2008 Elev 31.41 20.30	From MAR 2009 -0.47 1.81	From APR 2008 -2.77 -9.30	Historical Low Normal 30.55 17.26	Historical High Normal 32.96 29.27 4.47 12.29	From Low Normal -1.91 -6.26	2009 Percentile Rank 1% 11%	26.82 1.13	Low Date MAY2006 MAY2000	Record High 36.12 46.40	High Date OCT1995 OCT1965
Big Slough Deep Edgeville 3 Deep Englewood 14 Deep	2009 Elev 28.64 11.00 3.86	2009 Elev 29.11 9.19 3.74	2008 Elev 31.41 20.30 1.01	From MAR 2009 -0.47 1.81 0.12	From APR 2008 -2.77 -9.30 2.85	Historical Low Normal 30.55 17.26 1.93	Historical High Normal 32.96 29.27 4.47	From Low Normal -1.91 -6.26 1.93	2009 Percentile Rank 1% 11% 64%	26.82 1.13 -0.97	Low Date MAY2006 MAY2000 FEB2001	Record High 36.12 46.40 11.37	High Date OCT1995 OCT1965 SEP1974
Big Slough Deep Edgeville 3 Deep Englewood 14 Deep Florida Cities Test 1	2009 Elev 28.64 11.00 3.86 -3.81	2009 Elev 29.11 9.19 3.74 -3.26	2008 Elev 31.41 20.30 1.01 -2.38	From MAR 2009 -0.47 1.81 0.12 -0.55	-2.77 -9.30 2.85 -1.43	Historical Low Normal 30.55 17.26 1.93 -0.24	Historical High Normal 32.96 29.27 4.47 12.29	From Low Normal -1.91 -6.26 1.93 -3.57	2009 Percentile Rank 1% 11% 64% 17%	26.82 1.13 -0.97 -15.98	MAY2006 MAY2000 FEB2001 MAY2006	Record High 36.12 46.40 11.37 25.89	High Date OCT1995 OCT1965 SEP1974 SEP1977
Big Slough Deep Edgeville 3 Deep Englewood 14 Deep Florida Cities Test 1 Kibler Deep	2009 Elev 28.64 11.00 3.86 -3.81 -17.94	29.11 9.19 3.74 -3.26 -16.82	31.41 20.30 1.01 -2.38 -5.65	-0.47 1.81 0.12 -0.55 -1.12	-2.77 -9.30 2.85 -1.43 -12.29	Historical Low Normal 30.55 17.26 1.93 -0.24 -12.18	Historical High Normal 32.96 29.27 4.47 12.29 5.62	-1.91 -6.26 1.93 -3.57 -5.76	2009 Percentile Rank 1% 11% 64% 17% 11%	26.82 1.13 -0.97 -15.98 -29.95	MAY2006 MAY2000 FEB2001 MAY2006 MAY2000	Record High 36.12 46.40 11.37 25.89 29.30	High Date OCT1995 OCT1965 SEP1974 SEP1977 AUG1978
Big Slough Deep Edgeville 3 Deep Englewood 14 Deep Florida Cities Test 1 Kibler Deep Manasota 14 Deep	28.64 11.00 3.86 -3.81 -17.94 16.02	29.11 9.19 3.74 -3.26 -16.82 16.34	31.41 20.30 1.01 -2.38 -5.65 17.55	-0.47 1.81 0.12 -0.55 -1.12 -0.32	-2.77 -9.30 2.85 -1.43 -12.29 -1.53	Historical Low Normal 30.55 17.26 1.93 -0.24 -12.18 18.48	Historical High Normal 32.96 29.27 4.47 12.29 5.62 20.56	-1.91 -6.26 1.93 -3.57 -5.76 -2.46	2009 Percentile Rank 1% 11% 64% 17% 11% 1%	26.82 1.13 -0.97 -15.98 -29.95 14.88	MAY2006 MAY2000 FEB2001 MAY2006 MAY2000 JUL2004	Record High 36.12 46.40 11.37 25.89 29.30 22.70	OCT1995 OCT1965 SEP1974 SEP1977 AUG1978 NOV1971
Big Slough Deep Edgeville 3 Deep Englewood 14 Deep Florida Cities Test 1 Kibler Deep Manasota 14 Deep Marshall Deep	28.64 11.00 3.86 -3.81 -17.94 16.02 29.44	29.11 9.19 3.74 -3.26 -16.82 16.34 28.90	31.41 20.30 1.01 -2.38 -5.65 17.55 37.89	From MAR 2009 -0.47 1.81 0.12 -0.55 -1.12 -0.32 0.54	-2.77 -9.30 2.85 -1.43 -12.29 -1.53 -8.45 -3.12 -5.66	Historical Low Normal 30.55 17.26 1.93 -0.24 -12.18 18.48 31.00	Historical High Normal 32.96 29.27 4.47 12.29 5.62 20.56 44.20	-1.91 -6.26 1.93 -3.57 -5.76 -2.46 -1.56	2009 Percentile Rank 1% 11% 64% 17% 11% 1% 20%	26.82 1.13 -0.97 -15.98 -29.95 14.88 8.96	MAY2006 MAY2000 FEB2001 MAY2006 MAY2000 JUL2004 JUN2000	Record High 36.12 46.40 11.37 25.89 29.30 22.70 55.24	OCT1995 OCT1965 SEP1974 SEP1977 AUG1978 NOV1971 MAR1964 SEP1995 OCT1979
Big Slough Deep Edgeville 3 Deep Englewood 14 Deep Florida Cities Test 1 Kibler Deep Manasota 14 Deep Marshall Deep ROMP 16 Ocala	28.64 11.00 3.86 -3.81 -17.94 16.02 29.44 41.40	29.11 9.19 3.74 -3.26 -16.82 16.34 28.90 42.43	31.41 20.30 1.01 -2.38 -5.65 17.55 37.89 44.52	From MAR 2009 -0.47 1.81 0.12 -0.55 -1.12 -0.32 0.54 -1.03	-2.77 -9.30 2.85 -1.43 -12.29 -1.53 -8.45 -3.12	Historical Low Normal 30.55 17.26 1.93 -0.24 -12.18 18.48 31.00 43.36	Historical High Normal 32.96 29.27 4.47 12.29 5.62 20.56 44.20 47.89	-1.91 -6.26 1.93 -3.57 -5.76 -2.46 -1.56 -1.96	2009 Percentile Rank 1% 11% 64% 17% 11% 1% 20% 11%	26.82 1.13 -0.97 -15.98 -29.95 14.88 8.96 28.94	MAY2006 MAY2000 FEB2001 MAY2006 MAY2000 JUL2004 JUN2000 JAN2001	Record High 36.12 46.40 11.37 25.89 29.30 22.70 55.24 51.21	OCT1995 OCT1965 SEP1974 SEP1977 AUG1978 NOV1971 MAR1964 SEP1995
Big Slough Deep Edgeville 3 Deep Englewood 14 Deep Florida Cities Test 1 Kibler Deep Manasota 14 Deep Marshall Deep ROMP 16 Ocala ROMP 26 Swnn/AvPk	28.64 11.00 3.86 -3.81 -17.94 16.02 29.44 41.40 34.98	29.11 9.19 3.74 -3.26 -16.82 16.34 28.90 42.43 35.52	31.41 20.30 1.01 -2.38 -5.65 17.55 37.89 44.52 40.64	From MAR 2009 -0.47 1.81 0.12 -0.55 -1.12 -0.32 0.54 -1.03 -0.54	-2.77 -9.30 2.85 -1.43 -12.29 -1.53 -8.45 -3.12 -5.66	Historical Low Normal 30.55 17.26 1.93 -0.24 -12.18 18.48 31.00 43.36 37.00	Historical High Normal 32.96 29.27 4.47 12.29 5.62 20.56 44.20 47.89 44.92	-1.91 -6.26 1.93 -3.57 -5.76 -2.46 -1.56 -1.96 -2.02	2009 Percentile Rank 1% 11% 64% 17% 11% 20% 11% 16%	26.82 1.13 -0.97 -15.98 -29.95 14.88 8.96 28.94 19.62	MAY2006 MAY2000 FEB2001 MAY2006 MAY2000 JUL2004 JUN2000 JAN2001 JAN2001	Record High 36.12 46.40 11.37 25.89 29.30 22.70 55.24 51.21 51.28	OCT1995 OCT1965 SEP1974 SEP1977 AUG1978 NOV1971 MAR1964 SEP1995 OCT1979
Big Slough Deep Edgeville 3 Deep Englewood 14 Deep Florida Cities Test 1 Kibler Deep Manasota 14 Deep Marshall Deep ROMP 16 Ocala ROMP 26 Swnn/AvPk ROMP 28X Swnn/AvPk	28.64 11.00 3.86 -3.81 -17.94 16.02 29.44 41.40 34.98 64.80 25.16 19.52	29.11 9.19 3.74 -3.26 -16.82 16.34 28.90 42.43 35.52 66.18	2008 Elev 31.41 20.30 1.01 -2.38 -5.65 17.55 37.89 44.52 40.64 65.04	From MAR 2009 -0.47 1.81 0.12 -0.55 -1.12 -0.32 0.54 -1.03 -0.54 -1.38	-2.77 -9.30 2.85 -1.43 -12.29 -1.53 -8.45 -3.12 -5.66 -0.24 -11.59 -12.92	Historical Low Normal 30.55 17.26 1.93 -0.24 -12.18 18.48 31.00 43.36 37.00 65.00 28.43 22.93	Historical High Normal 32.96 29.27 4.47 12.29 5.62 20.56 44.20 47.89 44.92 67.96 46.39 41.87	-1.91 -6.26 1.93 -3.57 -5.76 -2.46 -1.56 -1.96 -2.02 -0.20	2009 Percentile Rank 1% 11% 64% 17% 11% 20% 11% 16% 22%	Record Low 26.82 1.13 -0.97 -15.98 -29.95 14.88 8.96 28.94 19.62 58.40 -0.20 -8.20	MAY2006 MAY2000 FEB2001 MAY2006 MAY2000 JUL2004 JUN2000 JAN2001 JAN2001 JUN2000 JUN2000 JUN2000	Record High 36.12 46.40 11.37 25.89 29.30 22.70 55.24 51.21 51.28 74.68 60.52 57.92	OCT1995 OCT1965 SEP1974 SEP1977 AUG1978 NOV1971 MAR1964 SEP1995 OCT1979 OCT1995
Big Slough Deep Edgeville 3 Deep Englewood 14 Deep Florida Cities Test 1 Kibler Deep Manasota 14 Deep Marshall Deep ROMP 16 Ocala ROMP 26 Swnn/AvPk ROMP 28X Swnn/AvPk	28.64 11.00 3.86 -3.81 -17.94 16.02 29.44 41.40 34.98 64.80 25.16	29.11 9.19 3.74 -3.26 -16.82 16.34 28.90 42.43 35.52 66.18 24.38	31.41 20.30 1.01 -2.38 -5.65 17.55 37.89 44.52 40.64 65.04 36.75	From MAR 2009 -0.47 1.81 0.12 -0.55 -1.12 -0.32 0.54 -1.03 -0.54 -1.38 0.78	-2.77 -9.30 2.85 -1.43 -12.29 -1.53 -8.45 -3.12 -5.66 -0.24 -11.59	Historical Low Normal 30.55 17.26 1.93 -0.24 -12.18 18.48 31.00 43.36 37.00 65.00 28.43	Historical High Normal 32.96 29.27 4.47 12.29 5.62 20.56 44.20 47.89 44.92 67.96 46.39	-1.91 -6.26 1.93 -3.57 -5.76 -2.46 -1.56 -1.96 -2.02 -0.20 -3.27	2009 Percentile Rank 1% 11% 64% 17% 11% 20% 11% 16% 22% 16%	26.82 1.13 -0.97 -15.98 -29.95 14.88 8.96 28.94 19.62 58.40 -0.20	MAY2006 MAY2000 FEB2001 MAY2006 MAY2000 JUL2004 JUN2000 JAN2001 JAN2001 JUN2000 JUN2000	Record High 36.12 46.40 11.37 25.89 29.30 22.70 55.24 51.21 51.28 74.68 60.52	OCT1995 OCT1965 SEP1974 SEP1977 AUG1978 NOV1971 MAR1964 SEP1995 OCT1979 OCT1995 MAR1998
Big Slough Deep Edgeville 3 Deep Englewood 14 Deep Florida Cities Test 1 Kibler Deep Manasota 14 Deep Marshall Deep ROMP 16 Ocala ROMP 26 Swnn/AvPk ROMP 28X Swnn/AvPk ROMP 30 Swnn/AvPk	28.64 11.00 3.86 -3.81 -17.94 16.02 29.44 41.40 34.98 64.80 25.16 19.52	29.11 9.19 3.74 -3.26 -16.82 16.34 28.90 42.43 35.52 66.18 24.38 19.35	31.41 20.30 1.01 -2.38 -5.65 17.55 37.89 44.52 40.64 65.04 36.75 32.44	From MAR 2009 -0.47 1.81 0.12 -0.55 -1.12 -0.32 0.54 -1.03 -0.54 -1.38 0.78 0.17	-2.77 -9.30 2.85 -1.43 -12.29 -1.53 -8.45 -3.12 -5.66 -0.24 -11.59 -12.92	Historical Low Normal 30.55 17.26 1.93 -0.24 -12.18 18.48 31.00 43.36 37.00 65.00 28.43 22.93	Historical High Normal 32.96 29.27 4.47 12.29 5.62 20.56 44.20 47.89 44.92 67.96 46.39 41.87	-1.91 -6.26 1.93 -3.57 -5.76 -2.46 -1.56 -1.96 -2.02 -0.20 -3.27 -3.41	2009 Percentile Rank 1% 11% 64% 17% 11% 1% 20% 11% 16% 22% 16% 18%	Record Low 26.82 1.13 -0.97 -15.98 -29.95 14.88 8.96 28.94 19.62 58.40 -0.20 -8.20	MAY2006 MAY2000 FEB2001 MAY2006 MAY2000 JUL2004 JUN2000 JAN2001 JAN2001 JUN2000 JUN2000 JUN2000	Record High 36.12 46.40 11.37 25.89 29.30 22.70 55.24 51.21 51.28 74.68 60.52 57.92	High Date OCT1995 OCT1965 SEP1974 SEP1977 AUG1978 NOV1971 MAR1964 SEP1995 OCT1979 OCT1995 MAR1998 MAR1998
Big Slough Deep Edgeville 3 Deep Englewood 14 Deep Florida Cities Test 1 Kibler Deep Manasota 14 Deep Marshall Deep ROMP 16 Ocala ROMP 26 Swnn/AvPk ROMP 28X Swnn/AvPk ROMP 30 Swnn/AvPk ROMP 31 Swnn/AvPk ROMP 32 L Ocala/Avon Park	28.64 11.00 3.86 -3.81 -17.94 16.02 29.44 41.40 34.98 64.80 25.16 19.52 2.07	29.11 9.19 3.74 -3.26 -16.82 16.34 28.90 42.43 35.52 66.18 24.38 19.35 1.72	31.41 20.30 1.01 -2.38 -5.65 17.55 37.89 44.52 40.64 65.04 36.75 32.44 14.42	From MAR 2009 -0.47 1.81 0.12 -0.55 -1.12 -0.32 0.54 -1.03 -0.54 -1.38 0.78 0.17 0.35	-2.77 -9.30 2.85 -1.43 -12.29 -1.53 -8.45 -3.12 -5.66 -0.24 -11.59 -12.92 -12.35	Historical Low Normal 30.55 17.26 1.93 -0.24 -12.18 18.48 31.00 43.36 37.00 65.00 28.43 22.93 7.55	Historical High Normal 32.96 29.27 4.47 12.29 5.62 20.56 44.20 47.89 44.92 67.96 46.39 41.87 25.25	-1.91 -6.26 1.93 -3.57 -5.76 -2.46 -1.56 -1.96 -2.02 -0.20 -3.27 -3.41 -5.48	2009 Percentile Rank 1% 11% 64% 17% 11% 1% 20% 11% 16% 22% 16% 18% 13%	Record Low 26.82 1.13 -0.97 -15.98 -29.95 14.88 8.96 28.94 19.62 58.40 -0.20 -8.20 -17.54	MAY2006 MAY2000 FEB2001 MAY2006 MAY2000 JUL2004 JUN2000 JAN2001 JAN2001 JAN2001 JUN2000 JUN2000 JUN2000 JUN2000	Record High 36.12 46.40 11.37 25.89 29.30 22.70 55.24 51.21 51.28 74.68 60.52 57.92 44.72	High Date OCT1995 OCT1965 SEP1974 SEP1977 AUG1978 NOV1971 MAR1964 SEP1995 OCT1979 OCT1979 OCT1995 MAR1998 MAR1998 FEB1998
Big Slough Deep Edgeville 3 Deep Englewood 14 Deep Florida Cities Test 1 Kibler Deep Manasota 14 Deep Marshall Deep ROMP 16 Ocala ROMP 26 Swnn/AvPk ROMP 28X Swnn/AvPk ROMP 30 Swnn/AvPk ROMP 31 Swnn/AvPk ROMP 32 L Ocala/Avon Park ROMP 43XX Avon Park	28.64 11.00 3.86 -3.81 -17.94 16.02 29.44 41.40 34.98 64.80 25.16 19.52 2.07 80.82	29.11 9.19 3.74 -3.26 -16.82 16.34 28.90 42.43 35.52 66.18 24.38 19.35 1.72 81.42	2008 Elev 31.41 20.30 1.01 -2.38 -5.65 17.55 37.89 44.52 40.64 65.04 36.75 32.44 14.42 79.95	From MAR 2009 -0.47 1.81 0.12 -0.55 -1.12 -0.32 0.54 -1.03 -0.54 -1.38 0.78 0.17 0.35 -0.60	-2.77 -9.30 2.85 -1.43 -12.29 -1.53 -8.45 -3.12 -5.66 -0.24 -11.59 -12.92 -12.35 0.87	Historical Low Normal 30.55 17.26 1.93 -0.24 -12.18 18.48 31.00 43.36 37.00 65.00 28.43 22.93 7.55 81.11	Historical High Normal 32.96 29.27 4.47 12.29 5.62 20.56 44.20 47.89 44.92 67.96 46.39 41.87 25.25 86.51	-1.91 -6.26 1.93 -3.57 -5.76 -2.46 -1.56 -1.96 -2.02 -0.20 -3.27 -3.41 -5.48 -0.29	2009 Percentile Rank 1% 11% 64% 17% 11% 1% 20% 11% 16% 22% 16% 18% 13% 24%	Record Low 26.82 1.13 -0.97 -15.98 -29.95 14.88 8.96 28.94 19.62 58.40 -0.20 -8.20 -17.54 73.61	Low Date MAY2006 MAY2000 FEB2001 MAY2006 MAY2000 JUL2004 JUN2000 JAN2001 JAN2001 JAN2001 JUN2000 JUN2000 JUN2000 MAY1986	Record High 36.12 46.40 11.37 25.89 29.30 22.70 55.24 51.21 51.28 74.68 60.52 57.92 44.72 94.60	High Date OCT1995 OCT1965 SEP1974 SEP1977 AUG1978 NOV1971 MAR1964 SEP1995 OCT1979 OCT1979 OCT1995 MAR1998 MAR1998 FEB1998 MAR1998
Big Slough Deep Edgeville 3 Deep Englewood 14 Deep Florida Cities Test 1 Kibler Deep Manasota 14 Deep Marshall Deep ROMP 16 Ocala ROMP 26 Swnn/AvPk ROMP 28X Swnn/AvPk ROMP 30 Swnn/AvPk ROMP 31 Swnn/AvPk ROMP 32 L Ocala/Avon Park ROMP 43XX Avon Park ROMP Tr 5-1 Suwannee	28.64 11.00 3.86 -3.81 -17.94 16.02 29.44 41.40 34.98 64.80 25.16 19.52 2.07 80.82 15.21	29.11 9.19 3.74 -3.26 -16.82 16.34 28.90 42.43 35.52 66.18 24.38 19.35 1.72 81.42 15.42	2008 Elev 31.41 20.30 1.01 -2.38 -5.65 17.55 37.89 44.52 40.64 65.04 36.75 32.44 14.42 79.95 17.39	From MAR 2009 -0.47 1.81 0.12 -0.55 -1.12 -0.32 0.54 -1.03 -0.54 -1.38 0.78 0.17 0.35 -0.60 -0.21	-2.77 -9.30 2.85 -1.43 -12.29 -1.53 -8.45 -3.12 -5.66 -0.24 -11.59 -12.92 -12.35 0.87 -2.18	Historical Low Normal 30.55 17.26 1.93 -0.24 -12.18 18.48 31.00 43.36 37.00 65.00 28.43 22.93 7.55 81.11 16.56	Historical High Normal 32.96 29.27 4.47 12.29 5.62 20.56 44.20 47.89 44.92 67.96 46.39 41.87 25.25 86.51 19.27	-1.91 -6.26 1.93 -3.57 -5.76 -2.46 -1.56 -1.96 -2.02 -0.20 -3.27 -3.41 -5.48 -0.29 -1.35	2009 Percentile Rank 1% 11% 64% 17% 11% 1% 20% 11% 16% 22% 16% 18% 13% 24% 7%	Record Low 26.82 1.13 -0.97 -15.98 -29.95 14.88 8.96 28.94 19.62 58.40 -0.20 -8.20 -17.54 73.61 13.26	Low Date MAY2006 MAY2000 FEB2001 MAY2006 MAY2000 JUL2004 JUN2000 JAN2001 JAN2001 JAN2001 JUN2000 JUN2000 JUN2000 MAY1986 JUN2000	Record High 36.12 46.40 11.37 25.89 29.30 22.70 55.24 51.21 51.28 74.68 60.52 57.92 44.72 94.60 23.00	High Date OCT1995 OCT1965 SEP1974 SEP1977 AUG1978 NOV1971 MAR1964 SEP1995 OCT1979 OCT1979 OCT1995 MAR1998 MAR1998 FEB1998 MAR1998 SEP1983
Big Slough Deep Edgeville 3 Deep Englewood 14 Deep Florida Cities Test 1 Kibler Deep Manasota 14 Deep Marshall Deep ROMP 16 Ocala ROMP 26 Swnn/AvPk ROMP 28X Swnn/AvPk ROMP 30 Swnn/AvPk ROMP 31 Swnn/AvPk ROMP 32 L Ocala/Avon Park ROMP 43XX Avon Park ROMP Tr 5-1 Suwannee ROMP Tr 7-1 Tampa	28.64 11.00 3.86 -3.81 -17.94 16.02 29.44 41.40 34.98 64.80 25.16 19.52 2.07 80.82 15.21 13.99	29.11 9.19 3.74 -3.26 -16.82 16.34 28.90 42.43 35.52 66.18 24.38 19.35 1.72 81.42 15.42 13.61	2008 Elev 31.41 20.30 1.01 -2.38 -5.65 17.55 37.89 44.52 40.64 65.04 36.75 32.44 14.42 79.95 17.39 16.07	From MAR 2009 -0.47 1.81 0.12 -0.55 -1.12 -0.32 0.54 -1.03 -0.54 -1.38 0.78 0.17 0.35 -0.60 -0.21 0.38	-2.77 -9.30 2.85 -1.43 -12.29 -1.53 -8.45 -3.12 -5.66 -0.24 -11.59 -12.92 -12.35 0.87 -2.18 -2.08	Historical Low Normal 30.55 17.26 1.93 -0.24 -12.18 18.48 31.00 43.36 37.00 65.00 28.43 22.93 7.55 81.11 16.56 13.44	Historical High Normal 32.96 29.27 4.47 12.29 5.62 20.56 44.20 47.89 44.92 67.96 46.39 41.87 25.25 86.51 19.27 17.25	-1.91 -6.26 1.93 -3.57 -5.76 -2.46 -1.56 -1.96 -2.02 -0.20 -3.27 -3.41 -5.48 -0.29 -1.35 0.55	2009 Percentile Rank 1% 11% 64% 17% 11% 1% 20% 11% 16% 22% 16% 18% 13% 24% 7% 33%	Record Low 26.82 1.13 -0.97 -15.98 -29.95 14.88 8.96 28.94 19.62 58.40 -0.20 -8.20 -17.54 73.61 13.26 10.08	Low Date MAY2006 MAY2000 FEB2001 MAY2006 MAY2000 JUL2004 JUN2000 JAN2001 JAN2001 JAN2001 JUN2000 JUN2000 JUN2000 MAY1986 JUN2000 JUN2000 JUN2000 JUN2000	Record High 36.12 46.40 11.37 25.89 29.30 22.70 55.24 51.21 51.28 74.68 60.52 57.92 44.72 94.60 23.00 23.56	High Date OCT1995 OCT1965 SEP1974 SEP1977 AUG1978 NOV1971 MAR1964 SEP1995 OCT1979 OCT1979 OCT1995 MAR1998 MAR1998 FEB1998 MAR1998 SEP1983 SEP2003

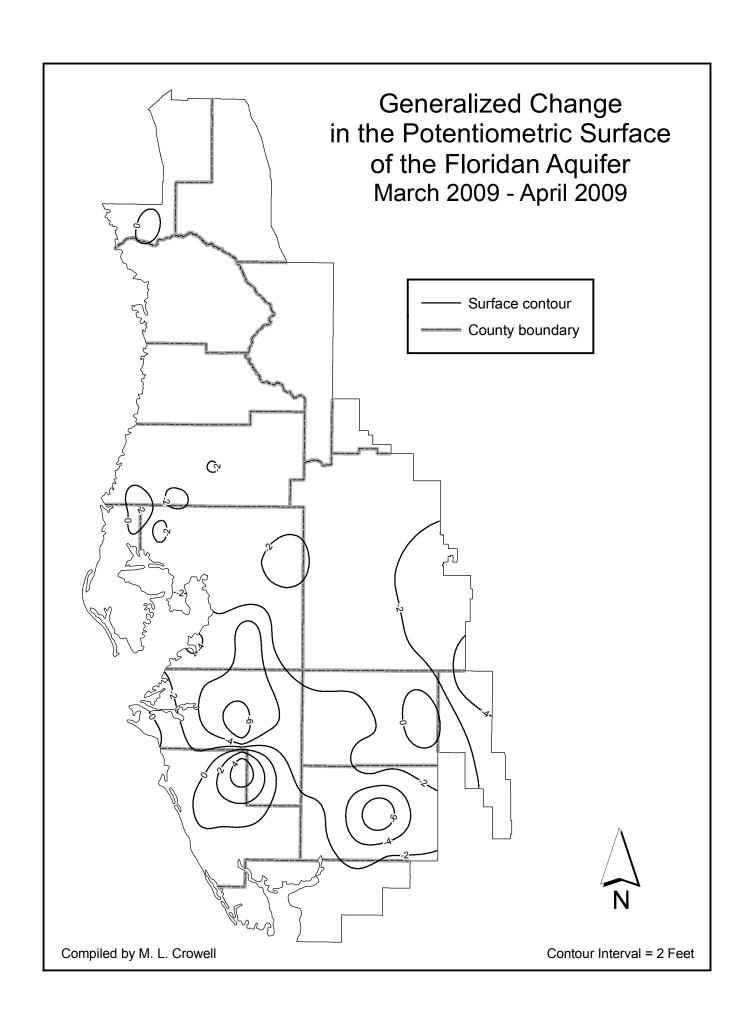


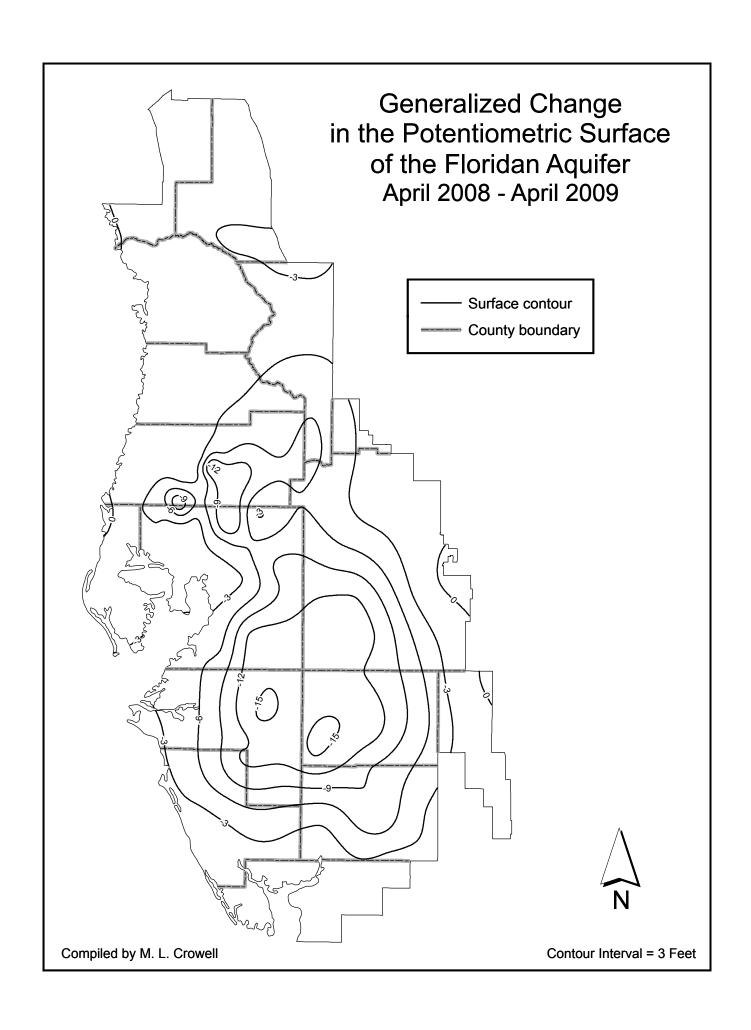












Public Supply Wellfields

Water levels are measured in 21 monitor wells (9 surficial, 12 intermediate and Floridan aquifer wells) located at nine public supply wellfields in the District. Thirteen of the 21 monitor wells have water levels measured monthly, two biweekly, and six weekly. Monthly data are tabulated to compare recent water levels to historical means.

During April, average water levels decreased in eight of the twelve intermediate and Floridan wells and eight of the nine surficial wells. Average water levels measured in the intermediate and Floridan wells decreased 0.35 foot, while levels measured in surficial wells decreased 0.73 foot.

In April, average water levels in all twelve intermediate and Floridan wells and all nine surficial wells were below those measured in April 2008. Water levels measured in the intermediate and Floridan wells averaged 6.56 feet below last year's levels, while surficial water levels averaged 3.18 feet below April 2008 levels.

At the end of April, average water levels in seven of the twelve intermediate and Floridan wells and three of the nine surficial wells were at or above the low normal level, compared to historical monthly levels. Water levels measured in the intermediate and Floridan wells averaged 1.66 feet above the base of the normal range, while levels in the surficial wells averaged 0.53 foot below the base of the normal range.

Period-of-record low water levels were recorded in one of the 12 Intermediate/Floridan monitor wells in April 2009, as follows:

Morris Bridge 3A Deep

SUMMARY OF GROUNDWATER LEVELS IN REPRESENTATIVE WELLFIELD WELLS, APRIL 2009

INT/FLORIDAN WELLS	APR 2009 Elev	MAR 2009 Elev	APR 2008 Elev	Change From MAR 2009	Change From APR 2008	APR Historical Low Normal	APR Historical High Normal	Departure From Low Normal	Period of Record Low	Record Low Date	Period of Record High	Record High Date
Cosme-Odessa Cosme No. 3	22.11	22.57	25.59	-0.45	-3.48	20.75	25.06	1.36	10.94	MAY2000	33.51	OCT1979
Cross Bar WRW	39.43	40.16	39.51	-0.73	-0.08	39.43	52.68	0.00	33.88	DEC1993	61.65	AUG1984
Cypress Crk TMR-1 Deep	48.46	50.19	58.59	-1.72	-10.13	47.29	60.62	1.17	36.93	FEB2001	70.78	JUN1976
Cypress Crk TMR-3 Deep	46.71	47.87	56.58	-1.16	-9.87	47.07	57.03	-0.36	34.22	FEB2001	68.79	JUL1976
Eldridge-Wilde 11 Deep	12.61	10.55	15.51	2.06	-2.90	6.67	12.78	5.94	0.31	SEP1990	24.17	SEP2004
Eldridge-Wilde 2S	14.37	14.01	18.39	0.36	-4.02	6.00	14.51	8.37	-1.16	JUN2000	25.24	OCT1982
Morris Bridge 3A Deep	19.14	21.42	31.07	-2.28	-11.93	24.48	31.17	-5.34	18.87	APR2009	36.99	DEC1997
Section 21 Hills 13 Deep	37.14	36.75	40.04	0.39	-2.90	33.14	43.60	4.00	21.88	JUN2002	52.08	JUL1944
South Pasco 42	41.58	41.96	51.25	-0.38	-9.67	38.40	45.65	3.18	27.98	MAY2002	56.79	SEP2003
South Pasco SR 54 Deep	44.84	45.50	53.33	-0.66	-8.49	43.01	51.39	1.83	33.49	MAY2002	57.94	SEP2003
Starkey Regional	29.31	29.88	32.52	-0.57	-3.22	29.43	33.27	-0.12	0.04	DEC2007	37.55	SEP2004
Verna 08	-10.28	-11.18	1.72	0.90	-12.00	-10.21	3.89	-0.07	-24.32	MAY1989	26.68	FEB1998
SURFICIAL WELLS												
Cosme-Odessa IC-6	34.14	34.26	36.74	-0.12	-2.60	34.81	37.17	-0.67	31.91	JUL1973	42.72	SEP1988
Cross Bar SERW	57.50	58.22	58.31	-0.72	-0.81	57.94	67.67	-0.44	53.09	JUL1994	72.53	JUL1984
Cypress Crk TMR-1 Shallow	48.63	50.50	58.57	-1.87	-9.94	54.25	62.63	-5.62	40.07	JUN2001	69.46	FEB1977
Cypress Crk TMR-3 Shallow	53.76	53.76	54.02	0.00	-0.26	54.02	60.92	-0.26	53.55	MAY1997	64.80	JUN2003
Eldridge-Wilde 11 Shallow	18.93	19.95	21.78	-1.02	-2.85	15.46	21.22	3.47	10.77	JUN1994	29.34	SEP2004
Morris Bridge 3A Shallow	24.96	26.02	32.36	-1.06	-7.40	28.26	34.03	-3.30	24.50	APR1985	39.20	DEC1997
Section 21 Hills 13 Shallow	41.69	42.40	43.54	-0.71	-1.85	38.92	48.20	2.77	33.81	MAY2001	53.78	SEP1979
South Pasco SR 54 Shallow	56.65	57.26	58.03	-0.61	-1.38	56.22	58.30	0.43	54.43	OCT1980	60.49	SEP1998
Starkey 707	24.73	25.23	26.24	-0.50	-1.51	25.84	29.12	-1.11	22.70	JUN2000	33.85	MAR1998

Aquifer Resource Index

The Aquifer Resource Index (ARI) was created to provide information to the media, residents, local governments and other interested parties about current ground-water conditions and how they compare to historical records. The underlying purpose of this index is to provide the public with a gauge of ground-water levels in their area, so they can develop an understanding of the severity and cycles of drought and recovery.

The ARI is derived by comparing current ground-water levels with historical levels for 51 intermediate and Floridan aquifer (deep) monitor wells located throughout the three geographic areas of the District. Monitor wells with an adequate and reliable period-of-record to calculate weekly percentiles were selected for the network.

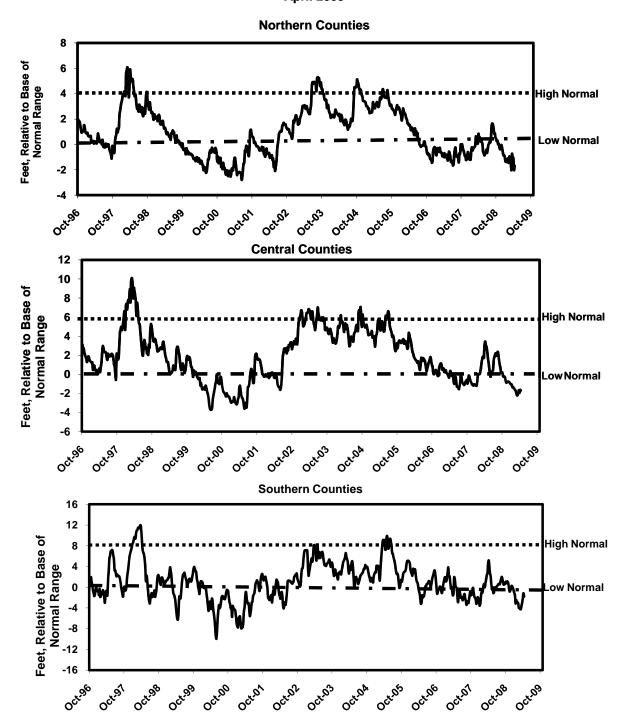
To determine the ARI value for a geographic area, each well is compared to its respective low-normal value weekly, and the difference is calculated. The weekly differences are used to determine the regional ARI value and the resulting ARI value represents how far water levels in the aquifer have to rise or fall to reach their respective low-normal value. The normal range for the northern region is approximately zero to three feet, zero to five-and-one-half feet for the central region and zero to eight feet for the southern region.

Weekly Aquifer Resource Index Level, In Feet (Relative to Bottom of the Normal Range or 25th Percentile)

Report Date	Northern Counties	Central Counties	Southern Counties
04/06/2009	-1.08	-1.66	-2.98
04/14/2009	-1.06	-1.94	-2.20
04/20/2009	-2.02	-1.63	-1.15
04/27/2009	-1.68	-1.69	-1.85

Note: A negative value indicates the regional average is below the "Low-Normal" level

AQUIFER RESOURCE INDEX* April 2009



^{*}Average Groundwater Level Relative to Low Normal Compiled By Pam Green

PUBLIC SUPPLY SURFACE WATER RESERVOIRS

CITY OF TAMPA RESERVOIR (Hillsborough River Basin): Constructed in 1924, it is located on the Hillsborough River in Hillsborough County. It is the third largest public supply surface water facility in the District. It is the main water supply for the City of Tampa and has a total storage capacity of 1.7 billion gallons (bg). The total usable volume is 1.4 bg, when the reservoir elevation is 22.5 feet NGVD. It is an in-stream reservoir with a depth that ranges between nine and 22 feet. Given this amount of water, it is estimated that a 15-day supply of water is available from this facility over an extended dry period. During periods of low water due to drought conditions, the facility is permitted to pump water from two alternate sources. The first of these two sources is the Tampa Bypass Canal. Water is pumped over the water control structure at S-161 into the Hillsborough River above the dam. The second source is Sulphur Springs, just downstream from the dam, where water is captured at the spring and pumped back behind the dam. Withdrawals from both sources are in strict accordance with pumpage schedules as outlined in the facility's water use permit. When water levels fall below 12 feet NGVD, water cannot be withdrawn because the reservoir level is below the intake pipes. The permitted average daily withdrawal for this facility is 82 mgd, with a permitted maximum daily withdrawal of 104 mgd. Currently, ground water wells are not used to augment this facility. The minimum producible level is 9.00 feet.

PEACE RIVER RESERVOIR - PEACE RIVER/MANASOTA REGIONAL WATER

SUPPLY AUTHORITY (Peace River Basin): The Peace River facility is an off-stream reservoir. Unlike other utilities, the daily river water pumpage is not a reflection of daily water consumed by the public. Built in 1980, the PRMRWSA facility ranks sixth in total volume storage, and supplies water to Charlotte County, City of North Port, and DeSoto County. While all of the available water produced for public supply comes from the Peace River, they have by far the most complicated system for insuring adequate supply throughout the year. The facility also uses an aquifer storage recovery (ASR) system for storing treated water pumped from the river. The current permit restrictions on the PRMRWSA facility state that they may not withdraw water from the Peace River if the river gauging station at Arcadia has declined below pre-established monthly levels. Also, withdrawals may not exceed 10 percent of the preceding day's flow level as calculated at the Peace River Arcadia gauge station. To the greatest extent possible, the PRMRWSA fills its reservoir and ASR facilities to full capacity to insure water is available during times they are not permitted to withdraw from the Peace River. The total size of the reservoir is approximately 85 acres and is 31 feet deep. Total storage capacity is approximately 625 mg. Average and maximum permitted withdrawal amounts from the Peace River are 32.7 and 90.0 mgd, respectively. The Peace River reservoir and ASR system are both permitted for an average withdrawal of 32.7 mgd. The minimum producible level is 8.00 feet.

MANATEE RESERVOIR (Manasota Basin): Completed in 1967 by the damming of the Manatee River, the Manatee Reservoir is the second largest of the six surface-water public supply facilities within the District. Located in Manatee County, this in-stream facility has a storage capacity of 7.5 bg. The service area of the Manatee reservoir is the unincorporated portions of Manatee County, the City of Palmetto and Anna Maria Island, and also the Sarasota SUD#1. This reservoir provides essentially all public supply for

Manatee County, with the exception of the City of Bradenton. The total size of this reservoir is 1800 acres with an average depth of 15 feet. With the reservoir full, the facility has approximately 220 days of available water supply. When the surface-water elevation drops below 21.0 feet, water cannot be withdrawn because levels are below the facility's intakes. The permitted average daily withdrawal for this facility is 34.9 mgd, with a permitted peak monthly quantity of 41.9 mgd. The minimum producible level is 21.00 feet.

EVERS RESERVOIR (Manasota Basin): Constructed in 1935 and expanded in 1985, it is located on the Braden River in Manatee County. This is the fourth largest public supply reservoir in the District. Its main service area is the City of Bradenton and approximately 500 customers outside the city. It has a total storage capacity of 1.5 bg. The total size of the facility is 300 acres with an average depth of 12 feet. Water ceases to flow over the dam when the level falls below 3.84 feet NGVD. During the 1985 drought, while expansion of the facility was taking place, the water level dropped to one foot below sea level and demand was still met. Given a completely full reservoir, with no water going over the spillway, it is estimated the facility could supply water for approximately 260 days, with no input from rainfall. The permitted average daily withdrawal for this facility is 6.95 mgd, with a permitted peak monthly quantity of 8.13 mgd. Currently, ground-water wells are not used to augment this facility.

SHELL CREEK RESERVOIR (Peace River Basin): Shell Creek Reservoir, located in Charlotte County, is the fifth largest surface water system within the District. This system was built in 1964 and services the City of Punta Gorda as well as unincorporated areas surrounding the city limits. The Shell Creek Reservoir is fed by two primary tributaries, Shell Creek from the east and Prairie Creek from the northwest. The total drainage area at Hendrickson Dam is 373 square miles. It has a surface area of 800 acres and depths of 10 to 12 feet. Total storage capacity is 765 mg. Even with this low volume of water, personnel at this facility estimate they have approximately 125 days of available supply with no input from rainfall. Water ceases to flow across the weir when surface elevations drop below 5.0 feet NGVD, and at 3.7 feet NGVD water quality becomes a major concern. When surface elevations drop below 1.75 feet NGVD, the water is below the intakes and withdrawal of water is not possible. The permitted average daily withdrawal by this facility is 5.358 mgd, with a permitted peak monthly quantity of 6.901 mgd. The minimum producible level is 1.70 feet.

C.W. BILL YOUNG REGIONAL RESERVOIR - TAMPA BAY WATER (Alafia River Basin): Constructed in early 2005, it is the largest public supply surface water facility in the District. Located in southern Hillsborough County, it is an off-stream reservoir that stores surface water skimmed from the Tampa Bypass Canal and Alafia and Hillsborough Rivers. It services the Tampa Bay region through the Tampa Bay Water regional public supply water distribution system. The reservoir has an estimated storage capacity of 15.0 bg when the water level elevation is 136.5 feet NGVD. The reservoir is approximately 45 feet deep, two miles long and one mile wide, and encompasses a land area of approximately 1,100 acres. It reportedly has the capacity to provide 25 percent of the Tampa Bay region's public supply needs for six months and can supply the Tampa Bay regional surface water treatment plant at full capacity for 227 days.

Reservoirs

Water-level data for the six reservoirs are obtained weekly from the USGS, Manatee County Utilities Department, Peace River/Manasota Regional Water Supply Authority, or Tampa Bay Water. The weekly data are then reduced to a monthly average. The values reported are provisional and subject to revision.

In April, all six reservoirs monitored for this report recorded average water-level decreases compared to last month. The Evers, Hillsborough River and Lake Manatee reservoirs posted average water level decreases of 1.31 feet, 0.46 foot and 0.55 foot, respectively. The Bill Young, Peace River and Shell Creek reservoirs posted water-level decreases of 0.81, 0.25 and 0.11 foot, respectively.

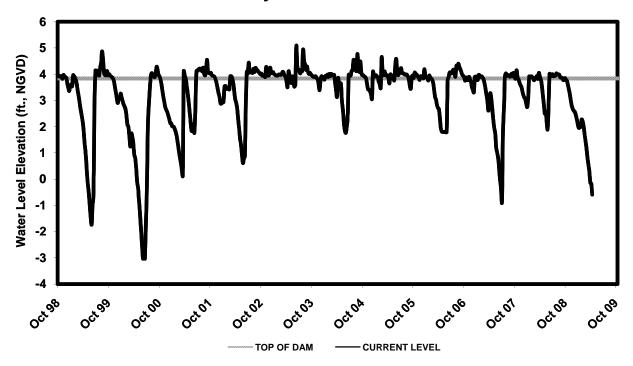
SUMMARY OF WATER LEVELS IN WATER SUPPLY RESERVOIRS (ELEVATION IN FEET, NGVD)

RESERVOIR	2009 March	2009 April	2008 April	Change from Prior Month	Change from Prior Year
Evers					
City of Bradenton	1.16	-0.15	3.84	-1.31	-3.99
Hillsborough					
City of Tampa	20.15	19.69	22.54	-0.46	-2.85
Lake Manatee					
Manatee County	37.61	37.06	40.21	-0.55	-3.15
C.W. Bill Young Regional					
Tampa Bay Water	77.32	76.51	108.98	-0.81	-32.47
Peace River					
PRMRWSA	21.80	21.55	28.18	-0.25	-6.63
Shell Creek					
City of Punta Gorda	4.97	4.86	5.14	-0.11	-0.28

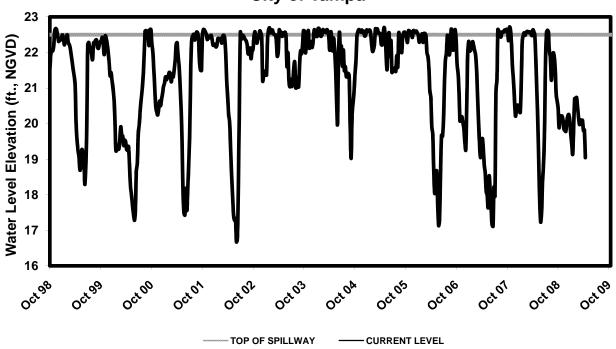
NGVD - National Geodetic Vertical Datum Reported data are provisional and subject to revision.

Compiled by Pam Green

EVERS RESERVOIR City of Bradenton

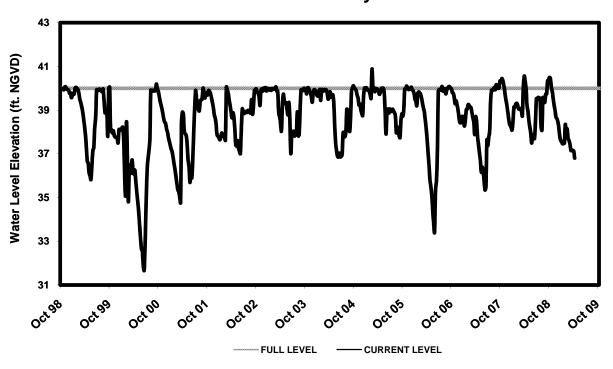


HILLSBOROUGH RESERVOIR City of Tampa

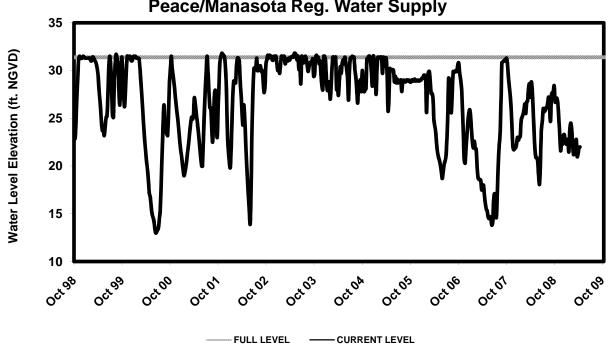


Compiled by Pam Green

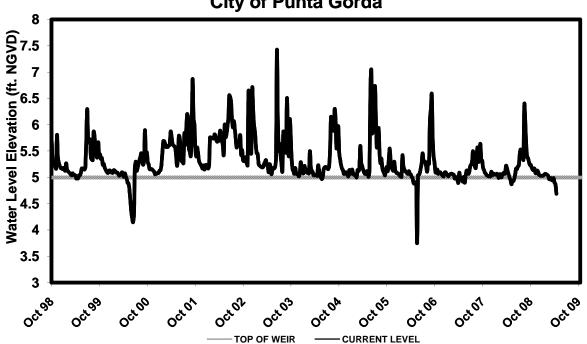
LAKE MANATEE RESERVOIR Manatee County



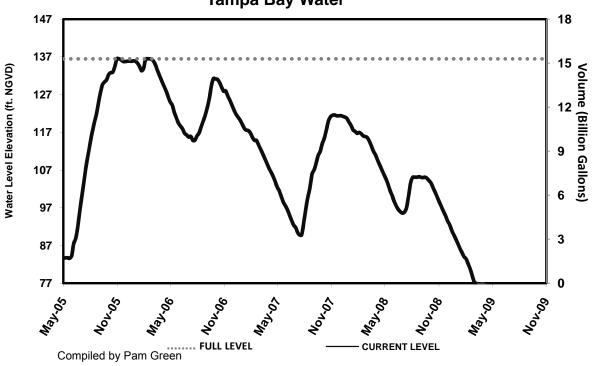
PEACE RIVER RESERVOIR Peace/Manasota Reg. Water Supply

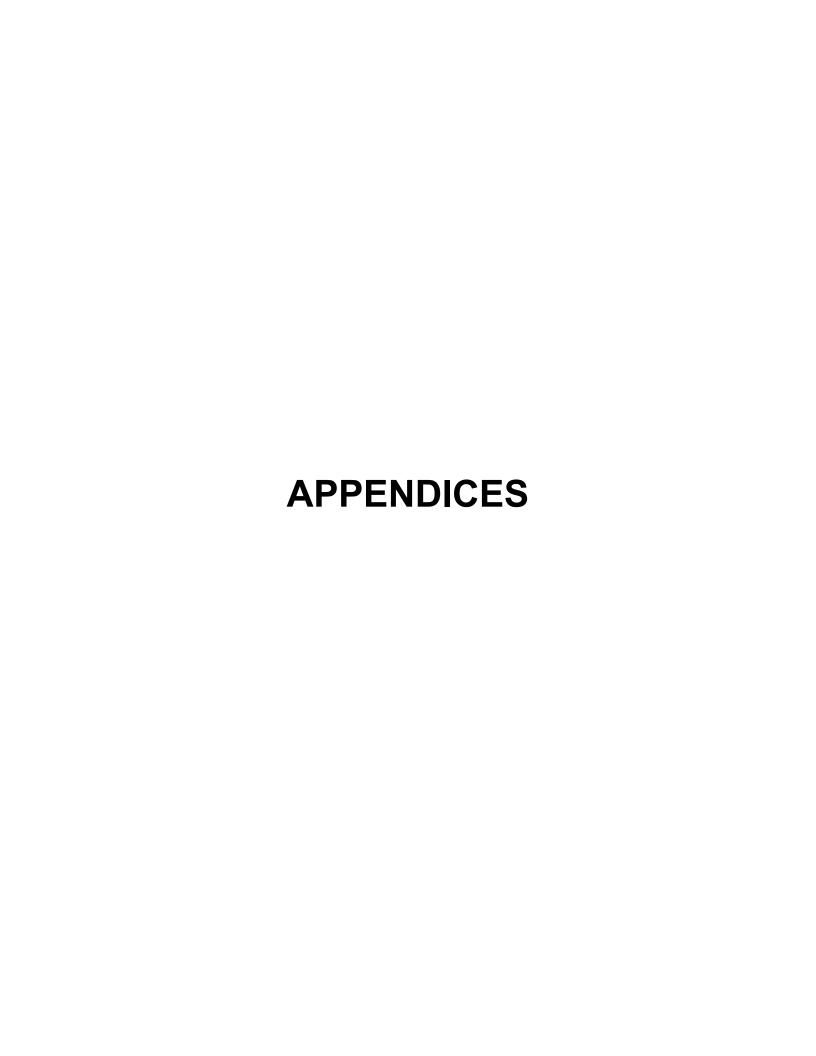


SHELL CREEK RESERVOIR City of Punta Gorda



C.W. BILL YOUNG REGIONAL RESERVOIR Tampa Bay Water





Rainfall percentiles by interval and region, inches.

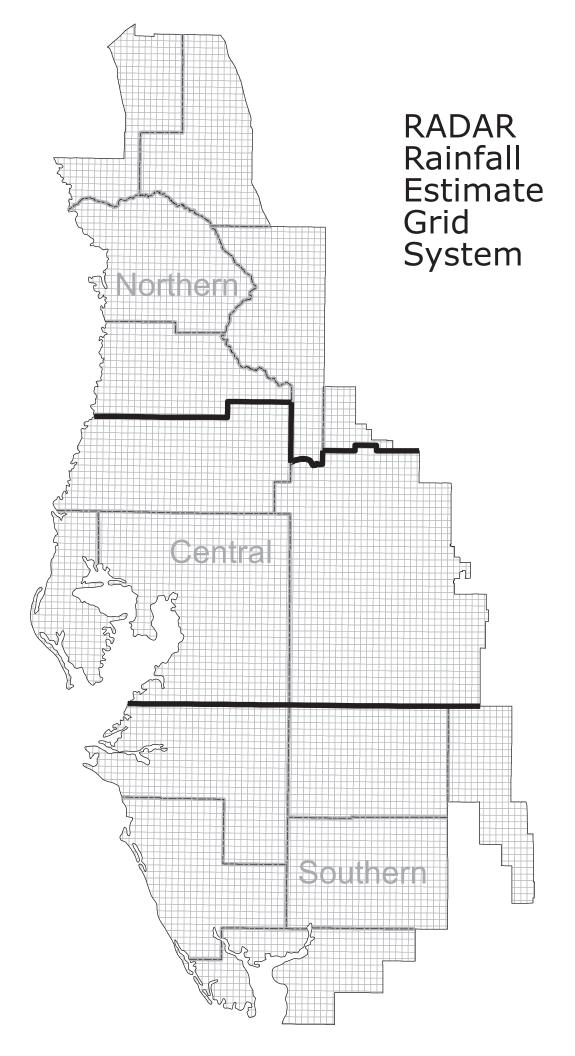
Rainfall percentile	es by interval and			Al-	Al-	1 46
		10 TH	25 th	50 th	75 th	90 th
Rainfall Interval	Region	Percentile (P10)	Percentile (P25)	Percentile (P50)	Percentile (P75)	Percentile (P90)
Annual total	Northern	43.19	48.35	54.01	58.86	63.46
Annual total	Central	41.45	46.10	52.16	57.28	63.82
Annual total	Southern	42.05	46.25	52.10 52.19	57.82	63.43
Annual total	District	43.12	46.23 47.22	52.19 52.99	57.62 57.46	62.83
Dry season total	Northern	15.27	18.42	23.79	28.72	32.10
Dry season total	Central Southern	13.32	16.48	21.59	26.86	30.83
Dry season total		12.35	15.68	21.24	26.23	30.01
Dry season total	District	13.71	16.79	22.02	27.22	29.70
Wet season total	Northern	22.79	25.44	29.45	33.43	38.16
Wet season total	Central	23.22	25.79	29.71	34.86	39.22
Wet season total	Southern	24.37	27.37	30.58	35.88	41.68
Wet season total	District	23.92	27.16	29.97	34.71	38.93
January total	Northern	0.73	1.50	2.45	4.00	5.30
January total	Central	0.72	1.21	2.23	3.72	4.60
January total	Southern	0.39	0.93	1.88	3.31	4.93
January total	District	0.65	1.17	2.10	3.55	4.90
February total	Northern	0.82	1.42	2.82	4.08	5.76
February total	Central	0.60	1.12	2.38	4.17	5.50
February total	Southern	0.36	1.26	2.21	3.63	4.93
February total	District	0.73	1.32	2.38	3.94	5.12
March total	Northern	1.00	2.06	3.15	5.43	7.21
March total	Central	0.97	1.66	2.96	4.95	6.44
March total	Southern	0.81	1.28	2.56	4.29	6.68
March total	District	1.09	1.64	3.04	4.86	6.92
April total	Northern	0.65	1.33	2.38	3.95	5.52
April total	Central	0.51	0.96	1.87	3.44	5.59
April total	Southern	0.48	1.19	2.04	3.75	4.66
April total	District	0.65	1.20	2.24	3.72	5.12
May total	Northern	1.18	1.95	3.21	4.67	6.92
May total	Central	0.87	1.64	2.73	4.58	5.75
May total	Southern	1.17	1.91	3.36	5.22	6.75
May total	District	1.23	2.04	3.24	4.87	6.29
June total	Northern	4.60	5.47	7.27	8.63	10.16
June total	Central	3.65	4.79	6.46	8.27	9.48
June total	Southern	4.22	5.63	7.44	9.06	12.06
June total	District	4.55	5.46	7.24	8.60	10.99
July total	Northern	5.36	6.75	8.29	9.16	11.52
July total	Central	4.89	5.98	8.35	10.05	11.44
July total	Southern	5.68	6.94	8.11	9.50	10.99
	District	5.60				
July total			6.83	8.19	9.57	10.58
August total	Northern	5.44	6.30	7.31	9.72	11.33
August total	Central	5.52	6.55	7.90	9.62	12.03
August total	Southern	5.55	6.22	7.70	8.97	10.49
August total	District	5.65	6.52	7.70	9.37	10.67
September total	Northern	2.79	4.18	5.84	8.04	11.35
September total	Central	3.19	5.11	6.46	8.50	11.69
September total	Southern	4.30	5.46	6.94	9.33	11.85
September total	District	3.85	5.21	6.53	8.62	11.65
October total	Northern	0.63	1.27	2.46	4.40	6.15
October total	Central	0.69	1.39	2.61	4.03	6.13
October total	Southern	0.92	1.78	2.73	4.27	6.04
October total	District	1.06	1.57	2.80	4.15	5.79

Rainfall percentiles by interval and region, inches (continued).

Rainfall Interval	Region	10 TH Percentile (P10)	25 th Percentile (P25)	50 th Percentile (P50)	75 th Percentile (P75)	90 th Percentile (P90)
November total	Northern	0.38	0.71	1.63	2.88	4.56
November total	Central	0.25	0.47	1.42	2.82	4.33
November total	Southern	0.40	0.64	1.46	2.56	3.82
November total	District	0.37	0.63	1.53	2.73	4.39
December total	Northern	0.54	1.06	2.06	3.71	5.19
December total	Central	0.48	0.84	1.89	3.03	4.87
December total	Southern	0.45	0.77	1.56	2.63	4.18
December total	District	0.54	0.89	1.86	2.92	4.34

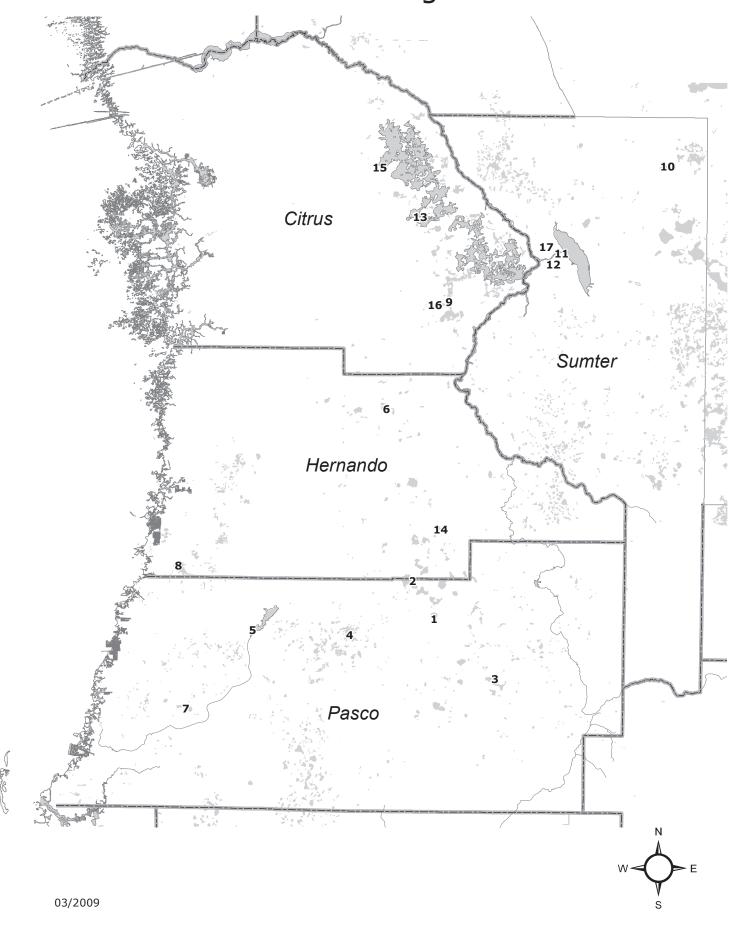
Rainfall characterization ranges

Characterization	Range	Corresponding Rainfall Percent of Normal (approximate)
Very dry	Less than the P10 rainfall	Less than 80 percent of normal
Drier than normal	P10 to P25 rainfall	80 to 90 percent of normal
Normal	P25 to P75 rainfall	90 to 110 percent of normal
Wetter than normal	P75 to P90 rainfall	110 to 120 percent of normal
Very Wet	Greater than the P90 rainfall	Greater than 120 percent of normal

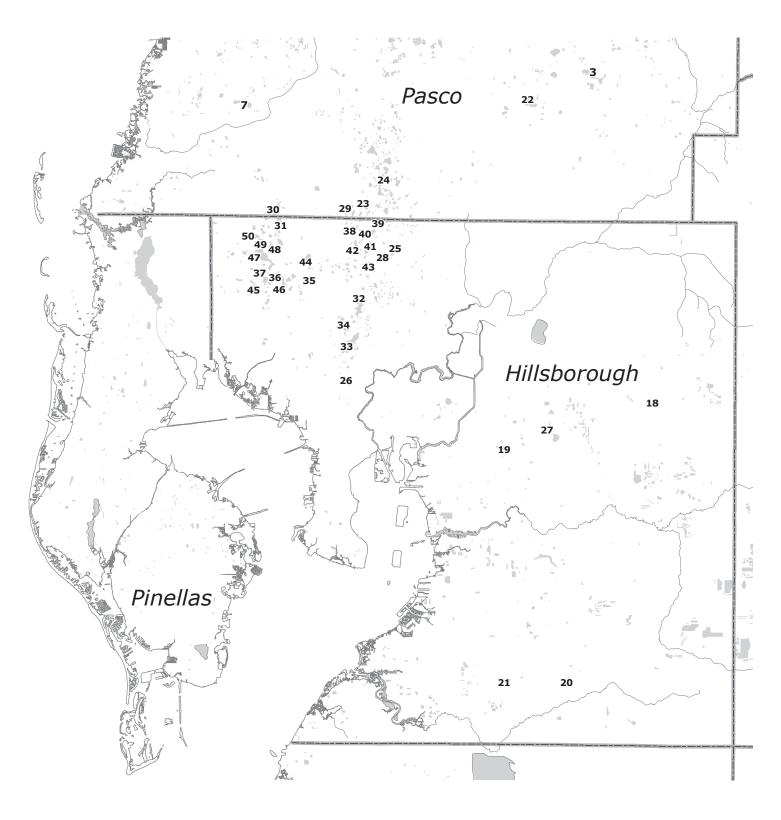




Selected Lake Monitoring Stations Northern Region

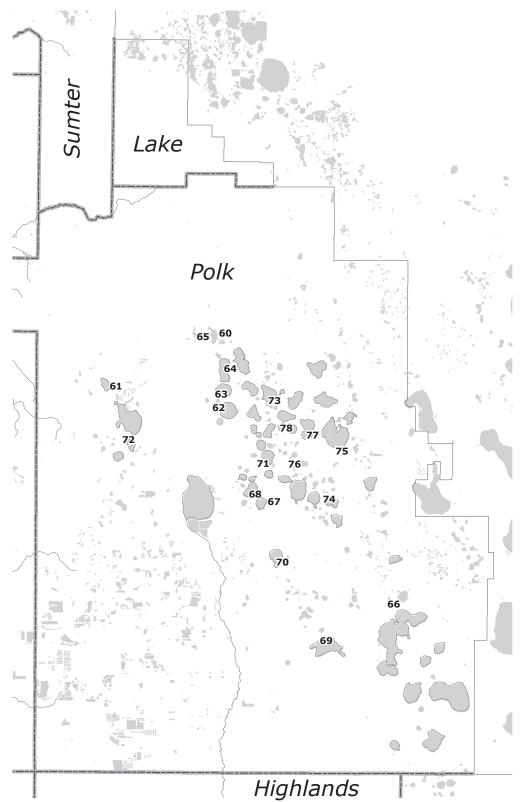


Selected Lake Monitoring Stations Tampa Bay Region



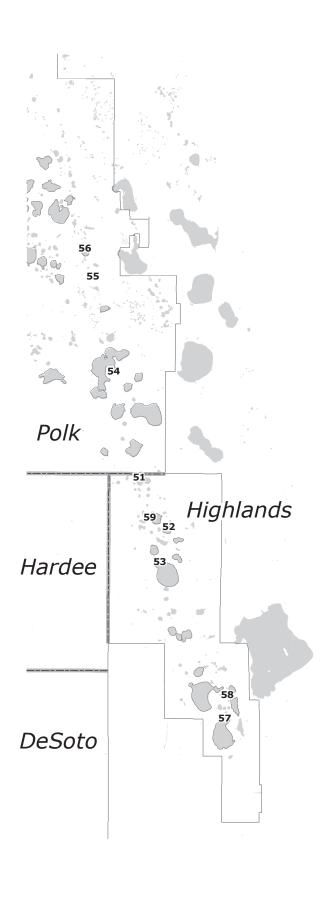


Selected Lake Monitoring Stations Polk Uplands Region





Selected Lake Monitoring Stations Lake Wales Ridge Region





Selected Lake Monitoring Stations

Northern Region

Map ID	Site Name
1	Lake Iola
2	Hancock Lake
3	Lake Pasadena
4	Big Fish Lake
5	Crews Lake
6	Lake Lindsey
7	Moon Lake
8	Hunters Lake
9	Tsala Apopka at Floral City
10	Lake Miona
11	Pana Vista Outlet River
12	Outlet River at Panacoochee
13	Tsala Apopka at Inverness
14	Spring Lake
15	Tsala Apopka at Hernando
16	Little Lake (Consuella)
17	Lake Panasoffkee

Tampa Bay Region

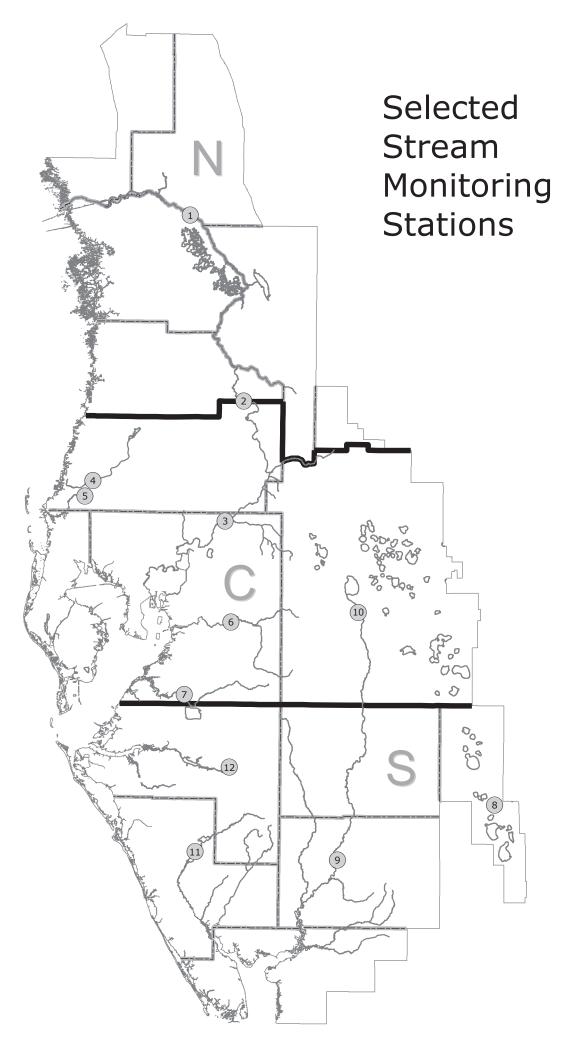
Selected Lake Monitoring Stations

Lake Wales Ridge Region

<u>Map ID</u>	<u>Site Name</u>
51	Trout Lake
52	Lake Letta
53	Lake Jackson at Sebring
54	Crooked Lake near Babson Park
55	Lake Starr
56	Lake Annie
57	Lake Placid
58	Lake Clay
59	Lake Lotela

Polk Uplands Region

<u>Map ID</u>	Site Name
60	Lake Helene
61	Lake Gibson
62	Lake Ariana
63	Lake Arietta
64	Lake Juliana
65	Clearwater Lake
66	Blue Lake South
67	Lake McLeod
68	Eagle Lake
69	Lake Buffum
70	Lake Garfield
71	Lake Howard
72	Lake Bonny
73	Lake Alfred
74	Lake Ruby
75	Lake Hamilton
76	Lake Otis
77	Lake Fannie
78	Lake Conine





Selected Stream Monitoring Stations

<u>Map ID</u>	Site Name
1	Withlacoochee River near Holder
2	Withlacoochee River at Trilby
3	Hillsborough River near Zephyrhills
4	Pithlachascotee River near New Port Richey
5	Anclote River near Elfers
6	Alafia River at Lithia
7	Little Manatee River near Wimauma
8	Josephine Creek near DeSoto City
9	Peace River at Arcadia
10	Peace River at Bartow
11	Myakka River near Sarasota
12	Manatee River near Myakka Head

STREAM MONITORING STATIONS

WITHLACOOCHEE RIVER (Northern Region)

Total length: 157 miles

Headwaters: NW Polk and southern Sumter Counties

Elevation: 135 feet

Tributaries: Little Withlacoochee, Big Gant Canal, Jumper Creek, Shady

Brook, Outlet River of Lake Panasoffkee, Leslie Heifner Canal, Orange State Canal, Tsala Apopka Outfall Canal and Rainbow

Springs.

Mouth: Gulf of Mexico, Citrus County

Average fall: 0.9 feet/mile Drainage area: 2000 square miles

Holder Station

County: Marion Period-of-record: 1928

Location: 38 miles upstream from mouth

Avg daily discharge: 1036.3 cfs Runoff per year: 10.36 inches

Max of monthly avg discharge: 7096.3 cfs in 04/1960 Min of monthly avg discharge: 111.8 cfs in 07/1992 Drainage area: 1825 square miles

Trilby Station

County: Hernando Period-of-record: 1928

Location: 93 miles upstream from mouth

Avg daily discharge: 336.3 cfs Runoff per year: 6.73 inches

Max of monthly avg discharge: 4254.7 cfs in 09/1933 Min of monthly avg discharge: 6.1 cfs in 07/1992 Drainage area: 570 square miles

ANCLOTE RIVER (Central Region)

Total length: 27.5 miles

Headwaters: South-central Pasco County, west of Land O Lakes

Elevation: 65 feet

Tributaries: South Branch and Hollin Creek Mouth: South Branch and Hollin Creek Gulf of Mexico, Pasco County

Average fall: 2.4 feet/mile Drainage area: 113 square miles

Elfers Station

County: Pasco Period-of-record: 1946

Location: 16 miles upstream from mouth

Avg daily discharge: 65.1 cfs
Runoff per year: 12.20 inches

Max of monthly avg discharge: 633.8 cfs in 09/1988
Min of monthly avg discharge: 1.4 cfs in 05/1981
Drainage area: 72.5 square miles

HILLSBOROUGH RIVER (Central Region)

Total length: 55 miles

Headwaters: Southeast Pasco County

Elevation: 77 feet

Tributaries: Crystal Springs, Blackwater Creek, Flint Creek, Trout Creek,

Cypress Creek, Curiosity Creek and Sulphur Springs

Mouth: Hillsborough Bay Average fall: 1.4 feet/mile Drainage area: 690 square miles

Zephyrhills Station

County: Hillsborough

Period-of-record: 1939

Location: 40 miles upstream from mouth

Avg daily discharge: 244.2 cfs Runoff per year: 15.05 inches

Max of monthly avg discharge: 2284.5 cfs in 12/1997
Min of monthly avg discharge: 47.1 cfs in 05/1994
Drainage area: 200 square miles

PITHLACHASCOTEE RIVER (Central Region)

Total length: 41 miles

Headwaters: Crews Lake and Masaryktown area in central Pasco and

southern Hernando Counties

Elevation: 120 feet
Mouth: Gulf of Mexico
Average fall: 2.9 feet/mile
Drainage area: 191 square miles

New Port Richey Station:

County: Pasco Period-of-record: 1963

Location: 10.5 miles upstream from mouth

Avg daily discharge: 27.9 cfs Runoff per year: 27.11 inches

Max of monthly avg discharge: 329.4 cfs in 09/1988

Min of monthly avg discharge: 0.0 cfs

Drainage area: 180 square miles

ALAFIA RIVER (Central Region)

Total length: 24 miles

Headwaters: Western Polk and eastern Hillsborough Counties

Tributaries: North and South Prongs, Lithia Springs, and Buckhorn Creek.

Elevation: 30 feet

Mouth: Tampa Bay

Average fall: 1.5 feet/mile

Drainage area: 420 square miles

Lithia Station:

County: Hillsborough

Period-of-record: 1932

Location: 16 miles upstream from mouth

Avg daily discharge: 339.7 cfs Runoff per year: 13.59 inches

Max of monthly avg discharge: 4185.4 cfs in 09/1933 Min of monthly avg discharge: 13.0 cfs in 05/1945 Drainage area: 335 square miles

LITTLE MANATEE RIVER (Central Region)

Total length: 39 miles

Headwaters: Southeast Hillsborough County

Tributaries: Carlton Branch, the South Fork, Dug Creek and Cypress Creek.

Elevation: 130 feet

Mouth: Tampa Bay

Average fall: 3.4 feet/mile

Drainage area: 225 square miles

Wimauma Station:

County: Hillsborough

Period-of-record: 1939

Location: 15 miles upstream from mouth

Avg daily discharge: 171.4 cfs Runoff per year: 15.68 inches

Max of monthly avg discharge: 1443.7 cfs in 07/1945 Min of monthly avg discharge: 3.8 cfs in 05/45

Drainage area: 149 square miles

JOSEPHINE CREEK (Southern Region)

Total length: 12 miles

Headwaters: Lake Josephine in central Highlands County

Elevation: 80 feet

Mouth: Lake Istokpoga in Highlands County

Average fall: 3.5 feet/mile
Drainage area: 143 square miles

DeSoto City Station:

County: Highlands Period-of-record: 1946

Location: 4.9 miles upstream of mouth

Avg daily discharge: 74.2 cfs Runoff per year: 8.90 inches

Max of monthly avg discharge: 769.9 cfs in 09/1960 Min of monthly avg discharge: 1.1 cfs in 05/56 Drainage area: 109 square miles

MANATEE RIVER (Southern Region)

Total length: 45 miles

Headwaters: Four corners area Hillsborough, Polk, Hardee and manatee Counties.

Elevation: 130 feet
Mouth: Tampa Bay
Average fall: 2.9 feet/mile
Drainage area: 330 square miles

Myakka Head Station:

County: Manatee Period-of-record: 1966

Location: 36 miles upstream from mouth

Avg daily discharge: 69.6 cfs Runoff per year: 14.62 inches

Max of monthly avg discharge: 529.7 cfs in 09/1994 Min of monthly avg discharge: 0.5 cfs in 04/75 Drainage area: 65.3 square miles

MYAKKA RIVER (Southern Region)

Total length: 54.1 miles

Headwaters: Western Hardee and Eastern Manatee Counties
Tributaries: Howard Creek, Deer Prairie, and Big Slough Canal

Elevation: 105 feet

Mouth: Charlotte Harbor Average fall: 1.9 feet/mile Drainage area: 540 square miles

Sarasota Station:

County: Sarasota Period-of-record: 1936

Location: 36 miles upstream from mouth

Avg daily discharge: 250.5 cfs Runoff per year: 15.03 inches

Max of monthly avg discharge: 2467.2 cfs in 09/1947 Min of monthly avg discharge: 0.0 cfs numerous times

Drainage area: 229 square miles

PEACE RIVER (Central and Southern Region)

Total length: 120 miles

Headwaters: Green Swamp in northern Polk County through Lake Hancock, Winter Haven

chain of lakes, and Lake Hamilton.

Tributaries: Peace Creek Canal, Saddle Creek, Charlie Creek, Prairie Creek, Horse Creek,

Joshua Creek and Shell Creek. Elevation: 110 feet

Mouth: Charlotte Harbor Average fall: 1 feet/mile

Drainage area: 2300 square miles

Arcadia Station (Southern Region):

County: Desoto Period-of-record: 1931

Location: 36 miles upstream from mouth

Avg daily discharge: 1078.9 cfs Runoff per year: 10.79 inches

Max of monthly avg discharge: 9876.0 cfs in 09/1933

Min of monthly avg discharge: 51.6 cfs 05/85
Drainage area: 1367 square miles

Bartow Station (Central Region):

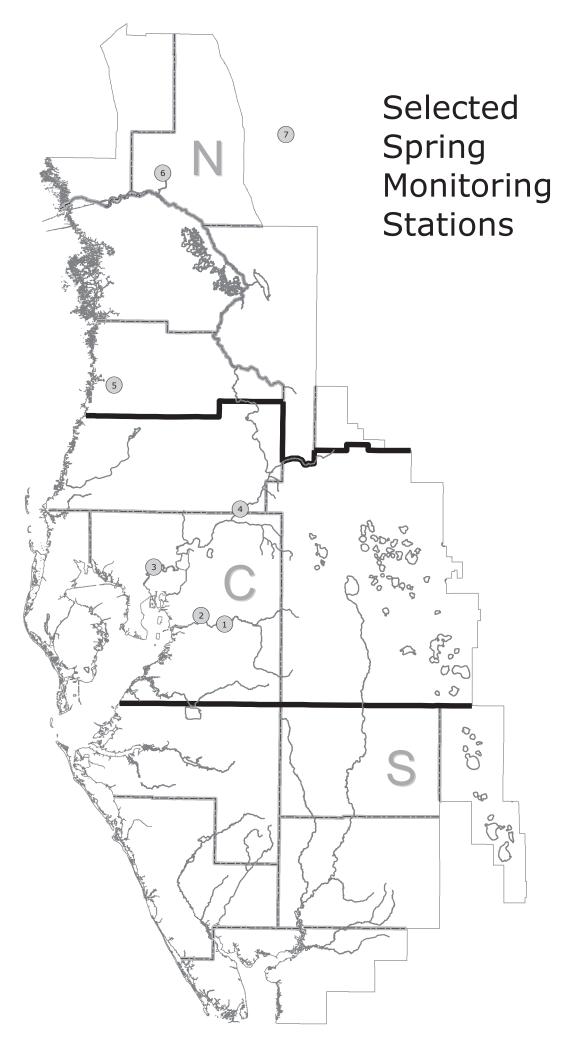
County: Polk Period-of-record: 1939

Location: 105 miles upstream from mouth

Avg daily discharge: 224.1 cfs Runoff per year: 6.72 inches

Max of monthly avg discharge: 2261.5 cfs in 09/1960

Min of monthly avg discharge: 6.4 cfs 05/90 Drainage area: 390 square miles





Selected Spring Monitoring Stations

<u>Map ID</u>	<u>Site Name</u>
1	Lithia Main Spring
2	Buckhorn Main Spring
3	Sulphur Springs at Sulphur Springs
4	Crystal Springs near Zephyrhills
5	Weeki Wachee River near Brooksville
6	Rainbow Springs near Dunnellon
7	Silver Springs near Ocala

SPRINGS MONITORING STATIONS

RAINBOW SPRINGS (Northern Region)

County: Marion

Basin: Withlacoochee River

1st Magnitude:

Discharge measurement location: 5 mi downstream from head of springs Discharge contributes to: Rainbow River, Withlacoochee River

Public Access: Yes Period-of-record: 1965

Non-recording gage Gage: Maximum daily mean: 1061 cfs in 09/1988 Minimum daily mean: 489 cfs in 06/2000

SILVER SPRINGS (Northern Region)

County: Marion

Basin: Ocklawaha River

Magnitude:

Discharge measurement location: 4 to 5 mi downstream from head of springs Discharge contributes to:

Silver Springs River, Ocklawaha River,

St. Johns River

Public Access: Yes Period-of-record: 1932

Gage: Water-stage recorder Maximum daily mean: 1290 cfs in 10/1960 Minimum daily mean: 432 cfs in 07/2000

WEEKI WACHEE SPRINGS (Northern Region)

County: Hernando Basin: **Coastal Rivers**

1st Magnitude:

Discharge measurement location: 1 mi downstream from head of springs

Discharge contributes to: Weeki Wachee River

Public Access: Yes Period-of-record: 1993

Gage: Water-stage

Maximum daily mean: 229 cfs in 03/1998 Minimum daily mean: 101 cfs in 06/1994

CRYSTAL SPRINGS (Central Region)

County: Pasco

Basin: Hillsborough River

Magnitude:

Difference between discharge measurements Discharge measurement location:

> of Hillsborough River made upstream from and downstream from Crystal Springs

Hillsborough River Discharge contributes to:

Public Access: No 1923 Period-of-record:

Gage: Non-recording gage Maximum daily mean: 147 cfs in 07/1941 Minimum daily mean: 22 cfs in 08/1986

SULPHUR SPRINGS (Central Region)

County: Hillsborough
Basin: Hillsborough River

Magnitude: 2nd

Discharge measurement location: 300 ft downstream from gage

Discharge contributes to: Hillsborough River

Public Access: Yes Period-of-record: 1956

Gage: Water-stage recorder Maximum daily mean: 145 cfs in 03/1960

Minimum daily mean: 0 cfs for various days throughout the

period-of-record

BUCKHORN SPRINGS (Central Region)

County: Hillsborough Basin: Alafia River

Magnitude: 2nd

Discharge measurement location: Difference between discharge measurements

of Buckhorn Creek made 25 ft upstream from and 100 ft downstream from Buckhorn Springs

Discharge contributes to: Buckhorn Creek, Alafia River

Public Access: No Period-of-record: 1987

Gage: Water-stage recorder
Maximum daily mean: 21.9 cfs in 02/1989
Minimum daily mean: 2.7 cfs in 06/1987

LITHIA SPRINGS: (Central Region)

County: Hillsborough Basin: Alafia River

Magnitude: 2nd

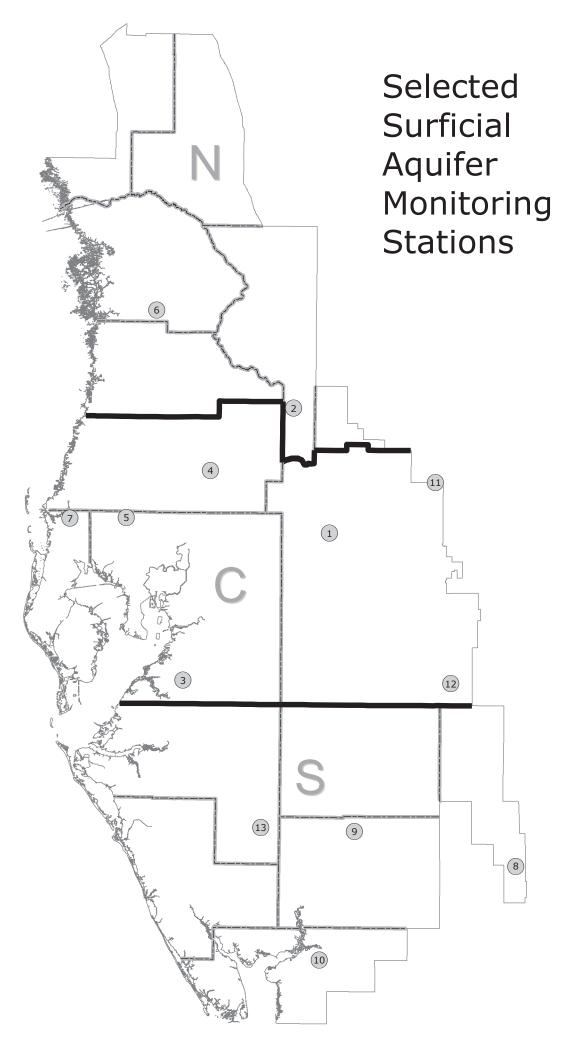
Discharge measurement location: 50 feet downstream from main pool

Discharge contributes to:

Alafia River

Public Access: Yes Period-of-record: 1934

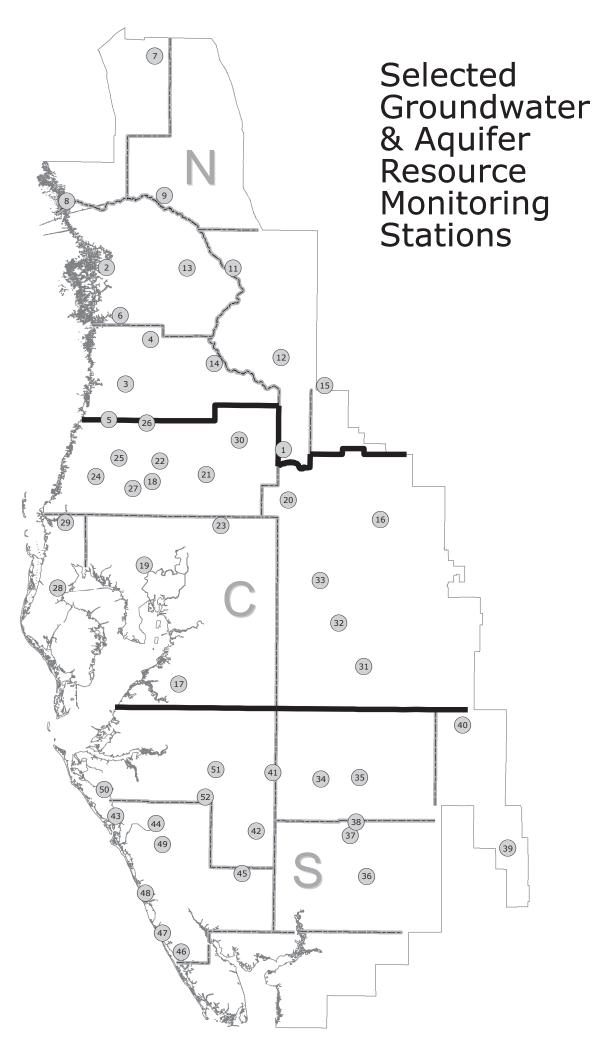
Gage: Water-stage recorder
Maximum daily mean: 83.4 cfs in 10/1967
Minimum daily mean: 6.3 cfs in 02/1989





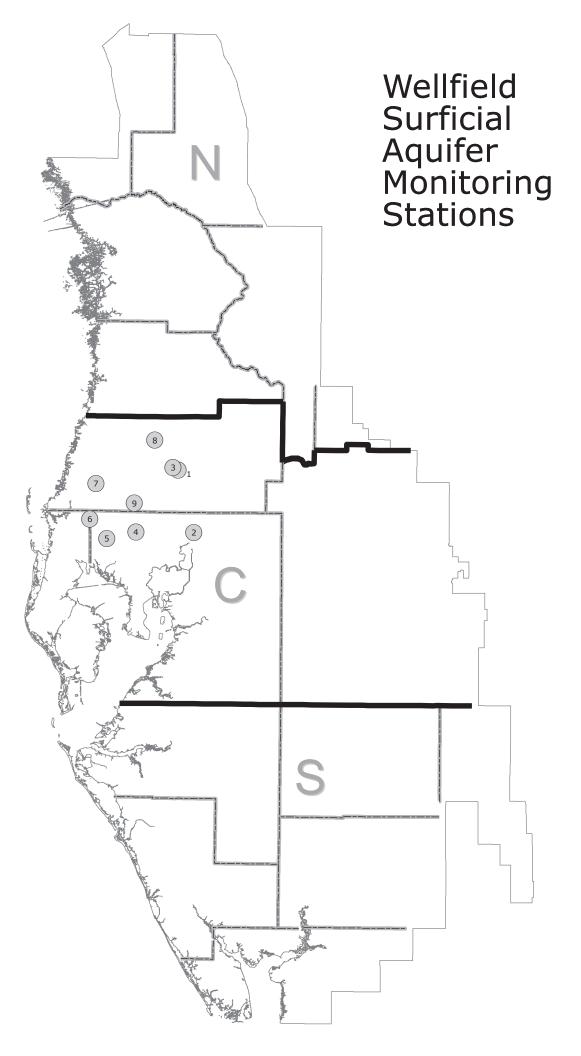
Selected Surficial Aquifer Monitoring Stations

<u>Map ID</u>	<u>Site Name</u>
1	State Road 33/Combee Road Shallow
2	Green Swamp L12B Shallow
3	ROMP 50 Surficial
4	State Road 577 Shallow
5	Lutz-Lake Fern Shallow
6	Lecanto 2 Shallow
7	Tarpon Road Shallow
8	Bairs Den Surficial
9	ROMP 26 Surficial
10	State Road 74 (77-Foot) Shallow
11	Loughman Shallow
12	USGS P-48 Shallow
13	Edgeville 4 Shallow

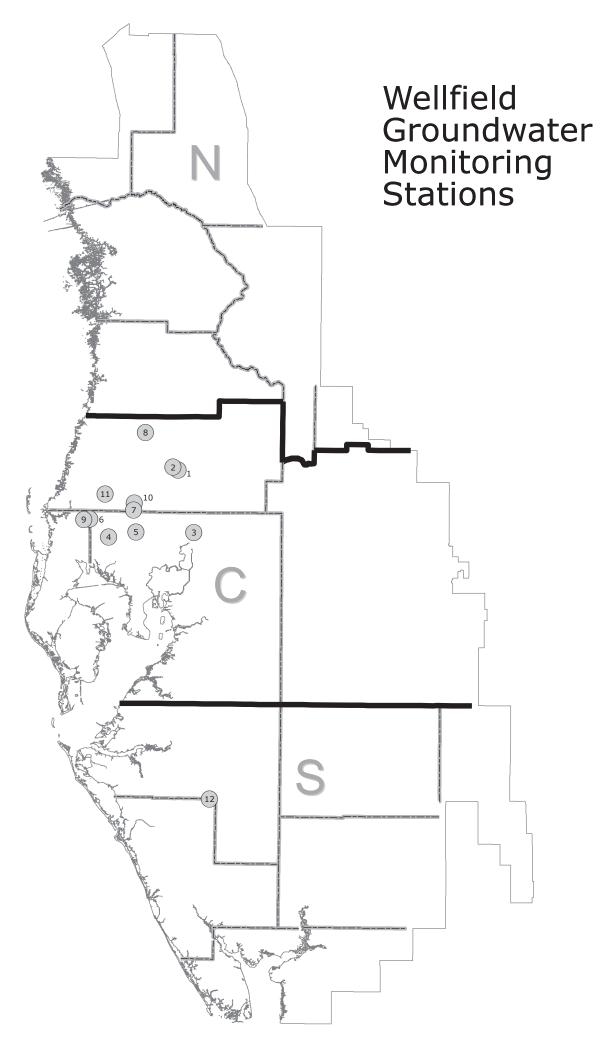


Selected Groundwater & Aquifer Resource Monitoring Stations

Map ID	Site Name	Map ID	Site Name
1	ROMP 89 Ocala	43	Sarasota 11 th Street Deep
2	ROMP TR 21-2 Ocala/Avon Park	44	Sarasota 9 Deep
3	Weeki Wachee Deep	45	Big Slough Deep
4	ROMP 107 Ocala/Avon Park	46	Englewood 14 Deep
5	ROMP 97 Avon Park	47	Manasota 14 Deep
6	Chassahowitzka 1 Deep	48	ROMP TR 5-1 Suwannee
7	ROMP 134 Ocala/Avon Park	49	Florida Cities Test 1
8	ROMP TR 124 Avon Park	50	ROMP TR 7-1 Tampa
9	CE 14 Dunnellon Deep	51	Kibler Deep
10	Verna Test 0-1		p
11	Sumter 13 JC 59 Upper Floridan		
12	Webster City Floridan		
13	Inverness DOT Floridan		
14	ROMP 103 Suwannee/Ocala		
15	Mascotte Deep		
16	Lake Alfred Deep near Lake		
	Alfred		
17	ROMP 50 Avon Park		
18	Pasco 13 Floridan near Drexel		
19	ROMP 66 Tampa		
20	ROMP 87 Avon Park		
21	State Road 577 Deep		
22	ROMP 93 Suwannee/Avon Park		
23	Hillsborough River State Park		
	Parking Lot Deep		
24	Moon Lake Deep		
25	State Road 52 Deep West near		
	Fivay Junction		
26	Masaryktown Deep		
27	Bexley 2 Floridan		
28	Pinellas 665 Floridan		
29	Tarpon Road Deep		
30	Lykes Pasco Floridan		
31	ROMP 45 Avon Park		
32	ROMP 59 Suwannee/Avon Park		
33	Sanlon Ranch Floridan		
34	ROMP 31 Suwannee/Avon Park		
35	ROMP 30 Suwannee/Avon Park		
36	ROMP 16 Ocala		
37	ROMP 26 Suwannee/Avon Park		
38	Marshall Deep		
39	ROMP 28X Suwannee/Avon		
	Park		
40	ROMP 43XX Avon Park		
41	ROMP 32 Lower Ocala/Avon		
	Park		
42	Edgeville 3 Deep		









Wellfield Groundwater Monitoring Stations

<u>Map ID</u>	<u>Site Name</u>
1	Cypress Creek TMR-1 Deep
2	Cypress Creek TMR-3 Deep
3	Morris Bridge 3A Floridan
4	Cosme 3 Floridan
5	St. Pete Hillsboro 13 Deep
6	Eldridge-Wilde 11 Floridan
7	St. Pete 42 Deep
8	Cross Bar WRW Floridan
9	Eldridge-Wilde 2S Deep
10	State Road 54 Deep
11	Starkey Regional Floridan
12	Verna 08 Deep

Wellfield Surficial Aquifer Monitoring Stations

Map ID	Site Name
1	Cypress Creek TMR-1 Shallow
2	Morris Bridge 3A Surficial
3	Cypress Creek TMR-3 Shallow
4	St. Pete Hillsboro 13 Shallow
5	St. Pete IC-6 Shallow
6	Eldridge-Wilde 11 Surficial
7	Starkey 707 Shallow
8	Cross Bar SERW Shallow
9	State Road 54 Shallow

