

South Indian River Water Control District

District Engineer's Annual Report
September 20, 2026



South Indian River
Water Control District™

Project number: 60193938

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1. Introduction

South Indian River Water Control District (the District or SIRWCD) is positioned as a strategic entity in the planning and management of water resources for Northern Palm Beach County. **Figure 1** shows the District's location in relation to naturally sensitive conservation areas. Approximately 12,500 acres of the District ultimately discharge to the Northwest and Southwest Forks of the Loxahatchee River, which allows the District to be a major stakeholder to the region. The District and its landowners share in the continued responsibility of being good stewards in maintaining compatibility with these natural systems. The District continues serving its landowners with drainage improvements, ongoing operation and maintenance, as well as implementing capital improvement projects and landowner-initiated improvements, that not only improve the quality of life in the District but reduce impacts to the surrounding natural systems.

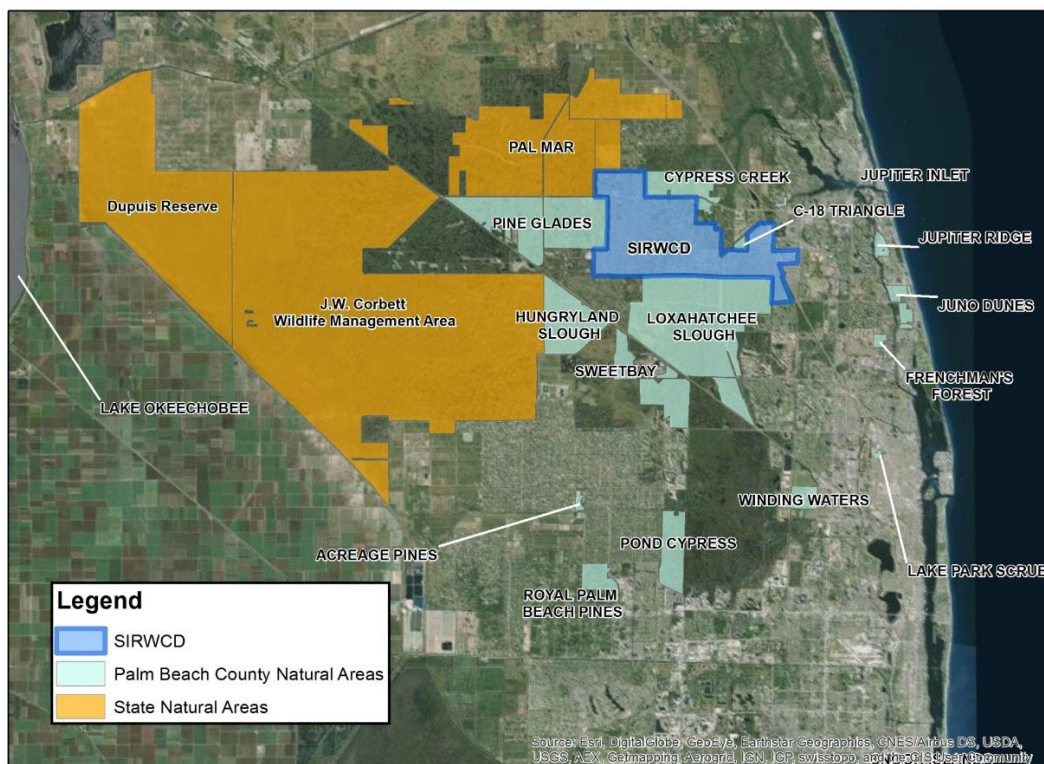


Figure 1. SIRWCD Location

With over 90% of the District developed, operation and maintenance activities are the main focus. The District continues activities involving site specific drainage improvements that impact landowners, canal and culvert maintenance, and replacement or renewal of facilities that affect the works of the District. The District also continues to operate and maintain roadways and a park, as well as, planned new capital and landowner-initiated improvements. The staff investigates whether improvements should be made to other existing infrastructure, such as canals, bridges, or drainage structures, and throughout the year, landowner-initiated roadway improvement petitions for the application of Palm Beach County Standard Asphalt were received and reviewed by the District staff.

In addition to operating and maintaining its public infrastructure for the benefit of its landowners, the District is involved in several intergovernmental activities due to its location within Palm Beach County and the Loxahatchee River watershed.

Due to the District's location, the potential impacts from development, such as stormwater runoff and water quality, are being monitored by agencies and/or individuals that have a focused interest on maintaining a healthy

ecosystem within the Loxahatchee River Basin and, specifically, the Northwest Fork of the Loxahatchee River. The Board of Supervisors and staff actively engage in the many external dealings that are influencing the District from a flood control, water quality, water conservation and ecosystem management perspective. The Board of Supervisors and staff are focused on making sure that the goals and expectations of these external activities do not conflict with the District's best interests regarding the functioning of the District's surface water management system and the ability to deliver an appropriate flood protection level of service.

Each year, it is appropriately restated and recognized in the engineering report that the District Board of Supervisors, through its policies and procedures, is responsible for formulating direction regarding the District operations and intergovernmental issues. This is accomplished through a respected structure in which the District is managed through its Board of Supervisors and supporting staff. The Board of Supervisors establishes policy and provides direction to staff concerning budget, priorities, relationship with other public entities, and landowner issues. Staff is responsible for implementing Board policy. Accordingly, staff responds pursuant to the Board's direction. Engineering tasks continue to be formulated to respond to the Board of Supervisors by implementing their policies and directives, as well as supporting the Executive Director and Manager of Operations in resolving various landowner issues. The relationship between the Board of Supervisors and the District staff has been extremely effective in both the delivery of services to the residents and landowners within the District, and prospective management in response to requirements that are imposed upon the District by other governmental entities.

With regard to the current status of the District, to the best of my knowledge and belief, the District is in compliance with all regulatory requirements that affect works of the District and their operation, and the works of the District continue to be operated and maintained in a manner that achieves the desirable level of service. A separate report prepared by the District's Executive Director discussing operation and maintenance of the District facilities is included as an appendix to this document.

2. Capital Improvements

Canal C Realignment/Storage Project

As part of the maintenance program, the District staff and Engineer identified Canal C (see **Figure 2**) as a project to improvement maintenance access to both sides of the canal providing the ability to reduce unwanted vegetation in areas that are currently not easily accessible, provide additional stormwater conveyance capacity with a proposed widened and deepened canal section, and provide additional storage for water quality treatment and flood protection.

In addition, exotic vegetation removal improves the quality of water discharged from Canal C by removing nuisance vegetation thereby reducing the amount of decaying, oxygen-consuming organic matter. The District applied for and received a grant through the LRPI for the Canal C Realignment. The FDEP Grant Agreement was executed on May 18, 2023 for an award of \$312,500 for the project. Unfortunately, due to significant increases in cost, only a portion of the original project was able to be completed. The Phase 1 work was successfully completed in June of 2025.



Figure 2. Canal C Phase 1

In response to a Request for Bids, the District received 10 bids on June 23, 2026 to complete Phase 2 of the Canal C project. The District is in the process of executing a contract with the lowest qualified and responsible bidder for Phase 2. It is anticipated that the contractor will start work after the wet season when water levels are lower.

Proposed Landowner Initiated Roadway Projects

Under the Enhanced Stabilization Policy, landowners are allowed to obtain petition forms from the District office for new requests for roadway stabilization starting on the first business day in February of each year and must return the petition by the last business day in April of the same year. Enhanced stabilization projects require a petition by landowners having signatures from more than 50% of the lots abutting the road segment or lots within the benefited area, as determined by the District Engineer.

One roadway petition was received in April 2026, for 129th Place North between Sandy Run and 150th Court North. A cost estimate for construction of the project was prepared, and financing costs were estimated. After the costs were presented at the August Board of Supervisors meeting, the petitioner decided not to request the Board move forward with a Referendum.

3. Resource Regulations

National Pollutant Discharge Elimination System (NPDES)

The current Palm Beach County Municipal NPDES Permit was issued by the Florida Department of Environmental Protection (FDEP) on September 8, 2016. The District is a co-permittee along with 34 municipalities, the Department of Transportation, Palm Beach County, and four special districts. To complete the permit-related activities that are performed collectively by the co-permittees, an NPDES Steering Committee was formed. The Steering Committee meets on a regular basis to evaluate the program, to provide training and resources to the co-permittees, and to assist with the preparation of the annual reports. Staff continues to attend the Committee Meetings as a Steering Committee Board member. This past year the meetings included discussions on the Cycle 5 permit status, public education, the Annual Reports and Joint Report, and required refresher training videos on spill prevention, illicit discharges and sediment and erosion control.



As a follow-up to an August 2025 FDEP Audit request for additional information, the District submitted three revised Standard Operating Procedures (SOPs) to FDEP in October 2025. A site audit of District facilities was conducted by FDEP on December 18, 2025.

The Cycle 4/Year 9 Annual Report was submitted to FDEP in March of 2026. FDEP is still in the process of finalizing the Cycle 5 Permit and Annual Report Form.

As a requirement of the NPDES Municipal Separate Storm Sewer (MS4) Permit, the District is required to update its Water Quality Assessment Program annually. The purpose of this assessment program is to provide information for the District to determine the overall effectiveness of its Stormwater Management Program (SWMP) in reducing stormwater pollutant loadings from its MS4 to receiving water bodies. The water quality information is being used to monitor the District's discharge and will be used in future analysis as needed for the NPDES permit.

Public Facilities Report and Water Control Plan

Chapter 189 of the Florida Statutes, the Uniform Special District Accountability Act, requires the preparation and submission of a Public Facilities Report to governmental jurisdictions in which the District resides such as Palm Beach County, the Town of Jupiter, and South Florida Water Management District. Special Districts are required to submit an update to this report every five years and, at a minimum, the report must contain information as to the

status of the District's public facilities and changes or revisions to those facilities that have occurred in the past year.

Since 1991, when the District filed its first Public Facilities Report, data collection has been an on-going process to provide for better and more accurate mapping of the works of the District. In 2025, the Public Facilities Report was updated to reflect improvements completed under our capital improvement program.

In accordance with Chapter 298.225 of the Florida Statutes, the District's Water Control Plan was also updated in 2025. The Public Facilities Report is incorporated by reference into the Water Control Plan. The Water Control Plan is currently in the process of being updated to include a more comprehensive capital improvement program.

20-Year Stormwater Needs Analysis

Sections 403.9301 and 403.9302, Florida Statutes, (Chapter 2021-194, Laws of Florida), direct municipalities, counties, and independent special districts that provide a stormwater management system or program, to develop a 20-year Needs Analysis every five years.

Staff submitted the Stormwater Needs Analysis in a spreadsheet template to Palm Beach County in June 2022, who then compiled the local reports (including their own) and submitted them to the Office of Economic and Demographic Research (EDR) and the secretary of the Department of Environmental Protection. EDR compiled the data collected and published an analysis of the stormwater submissions in the 2023 edition of the Annual Assessments of Florida's Water Resources and Conservation Lands.

The conclusion in the State's Annual Assessment Report was that "in the next 20 years, Florida's local governments will face a monumental challenge in managing stormwater." Local governments that submitted stormwater management needs analyses will need \$34.48 billion for O&M and \$28.13 billion for project expenditures over the next 20 years. Adjusting those needs for Florida's full population, shows an estimated total of \$66.68 billion will be needed. Since there is a significant portion of that sum that has no identified funding source, local governments need to begin planning on how to close that funding gap.

The next reporting cycle will begin in 2027.

Government Agencies

A summary of regulatory agencies and cooperative associations affecting the District is listed in the Annual Report each year. The following list is offered to inform the landowners of the number of regulatory agencies and cooperative associations with which the District conducts business and their potential impact on the District's capital improvements, operations, and maintenance.

- United States Environmental Protection Agency (EPA)
- United States Army Corps of Engineers (ACOE)
- United States Fish and Wildlife Service (FWS)
- Florida Department of Environmental Protection (FDEP)
- Florida Office of Economic and Demographic Research (EDR)
- Florida Department of Transportation (FDOT)
- Florida Fish and Wildlife Conservation Commission (FWC)
- South Florida Water Management District (SFWMD)
- Palm Beach County
- Loxahatchee River Environmental Control District (LRECD)
- Town of Jupiter
- Loxahatchee River Preserve Initiative (LRPI)
- Northern Palm Beach County Improvement District (NPBCID)
- City of West Palm Beach
- Indian Trail Improvement District
- Jupiter Inlet District
- City of Palm Beach Gardens
- Martin County
- United States Geological Survey (USGS)
- Loxahatchee River Ecosystem Management Area Committee
- Loxahatchee River Management Coordinating Council (LRMCC)
- Solid Waste Authority of Palm Beach County (SWA)
- Numerous Citizen Interest Groups and Committees

4. Intergovernmental Coordination

Loxahatchee River Management Coordinating Council (LRMCC)

The LRMCC was established by Chapter 83-358, F.S. The Council is comprised of federal, state, and regional agencies and local representatives. It advises the FDEP and SFWMD on matters that affect administration of the Loxahatchee River Management Plan, to identify and resolve intergovernmental coordination problems and to enhance communications. The Council is also responsible for the development of the Loxahatchee River Management Plan, which contains the principal goals to preserve and enhance the river's unique natural values, restore the river's historic hydrology and reverse the deleterious impacts of saltwater intrusion on the River's ecosystems.

Figure 3 shows a map of the Loxahatchee River.

LRMCC also continually assesses the implementation of the plan's objectives. These objectives are:

- Preserve and enhance the river's unique natural and cultural values
- Restore the river's historical hydrologic regime and reverse deleterious saltwater intrusion



Figure 3. Loxahatchee River

The District participates as a member of the Coordinating Council due to the fact that the Northwest Fork of the Loxahatchee River is the primary stormwater outfall for the entire portion of the District lying west of the SFWMD C-18 Canal, and the area east of the SFWMD C-18 discharges into the middle of the Loxahatchee River. The District and the LRMCC also have several mutual issues and interests.

The top three objectives of the Loxahatchee River Wild and Scenic Management Plan are:

- Improve storage within the basin on publicly owned lands with the intent to deliver base flows to the River during dry season to meet MFL and restoration flows.
- Identify and reduce point sources of pollution to the watershed affecting the NW Fork of the Loxahatchee River
- Identify management actions to reduce and minimize impacts to the watershed through the use of the FDEP Pollution Reduction Plan.

Loxahatchee River Pollutant Reduction Plan

LRMCC began work on developing a Reasonable Assurance Plan (RAP) to replace the Total Maximum Daily Load (TMDL) that was prepared for the Loxahatchee River. The RAP is a stakeholder driven plan that examines the impairments and prepares solutions to aid in restoring the Loxahatchee River from impairment. After reviewing the pollutant loading model and applying the potential projects, FDEP determined that the RAP should be changed to a Pollutant Reduction Plan, which is considered a 4E Plan. This plan shows that the reductions do not meet all the TMDL requirements, but it shows that the stakeholders are working on meeting the reduction requirements.

The initial projects show that the Total Phosphorus reductions should be met, but Total Nitrogen is behind. The group prepared additional projects to determine if they could meet the Total Nitrogen reduction. On May 19, 2020, FDEP issued its notification on the impaired waters rule, Waterbody identification numbers that were included in the Pollutant Reduction Plan were delisted due to the approval of the Plan by FDEP. The District is a stakeholder and supports the nutrient reduction and improvements to the Loxahatchee River's water quality.

The goal of a Pollutant Reduction Plan as defined under category 4E from FDEP is to implement appropriate restoration activities and, if necessary, additional study so that by the next assessment cycle either a Reasonable Assurance Plan can be approved, or the water body meets the set standards. A Pollutant Reduction Plan contains some of the following items:

- description of the impaired waterbody and pollutants
- water quality-based targets and goals resulting with an improvement of the waterbody
- proposed management activities with estimated pollutant load reductions expected to occur from the activities.

Every five years, a pollutant reduction plan update is scheduled to be completed. However, the update that was scheduled for February 2025 has not yet been issued. The next update will include results of water quality data assessments, updated annual pollutant loads, any progress in achieving reductions, any monitoring changes, the status of project implementation, estimated load reductions, percentage of load reduction targets achieved, and additional management activities needed, if any, to meet the water quality criteria.

Loxahatchee River Preservation Initiative

The Loxahatchee River Preservation Initiative (LRPI) is the outgrowth of a watershed management effort that the FDEP spearheaded in 1996. This multi-agency and stakeholder based advisory group was organized primarily for the purpose of soliciting, ranking and submitting to the Florida Legislature a list of projects focused on the preservation and restoration of the water quality and habitats of the Loxahatchee River and its watershed (**Figure 4**). Agencies and stakeholders are given an avenue to apply for funding on several key projects that are critical to preserving the long-term health of the Loxahatchee River and have not been implemented due to lack of resources and other regional priorities taking precedence.



Figure 3. Loxahatchee Slough

The District participates as a member of the LRPI due to its location within the Loxahatchee River watershed. The District applied for and was awarded grant funding in the amount of \$75,000 for the Loxahatchee River Headwaters Easement Mapping in Jupiter Farms project in July 2025. Survey work has been completed in Sections 2, 3, 4, 9, 10, 11 and 12/Township 41S/Range 41E. There are seven (7) Sections remaining to be surveyed.

Loxahatchee River Watershed Restoration Project (LRWRP)

In December 2014, SFWMD and the Army Corp of Engineers (ACOE) kicked off the Loxahatchee River Watershed Restoration Project (formerly known as North Palm Beach County – Part 1), which is part of the Comprehensive Everglades Restoration Plan (CERP). The renewed purpose of the project is to restore and sustain the overall quantity, quality, timing, and distribution of freshwaters to the federally designated “National Wild and Scenic” Northwest Fork of the Loxahatchee River for current and future generations. This project also seeks to restore, sustain, and reconnect the area’s wetlands and watersheds that form the historic headwaters for the river and its tributaries. **Figure 5** shows the study area.

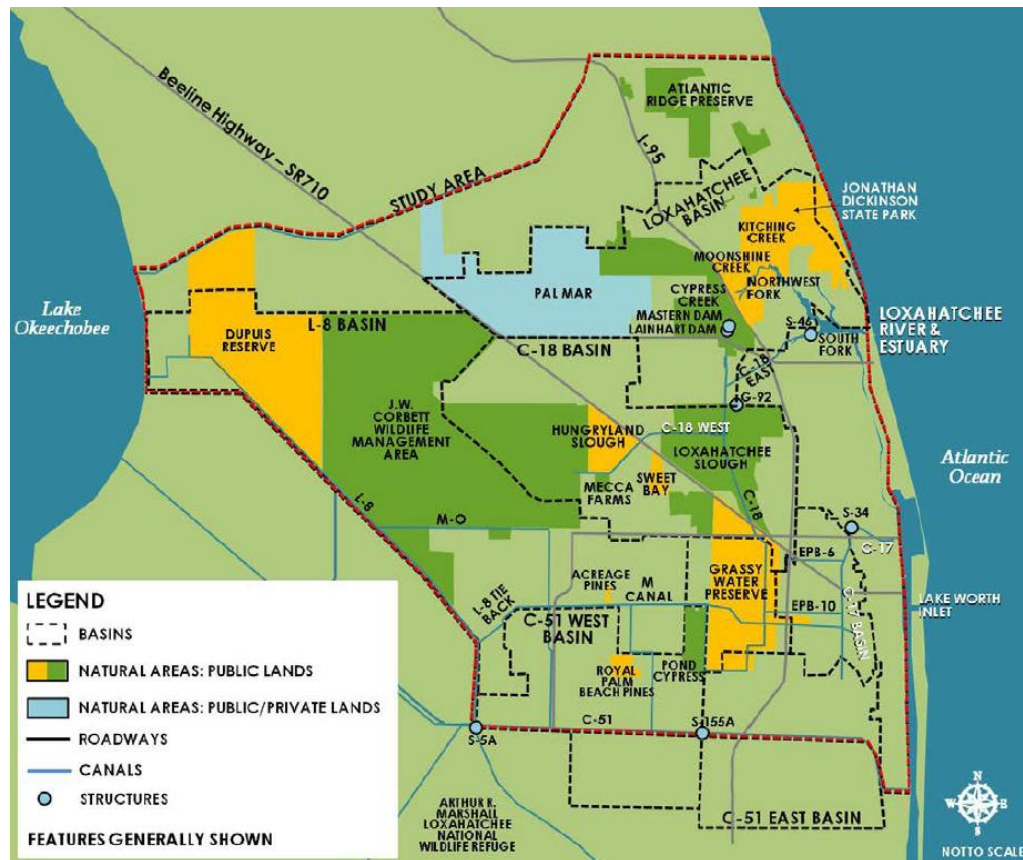


Figure 4. LRWRP Study Area

Planning efforts for the project were put on hold in 2011 and were restarted on January 12, 2015. The project was re-scoped under the ACOE's New Planning Paradigm and existing plan formulation data and analysis was used in the development of a Project Implementation Report (PIR) and Environmental Impact Statement, to prepare for congressional authorization.

The SFWMD and the ACOE conducted an alternative formulation and analysis process for the plan formation. This consisted of evaluating alternative plan selections for determining the best project scenarios. As a result of these evaluations and updated modeling, Alternative 5R was selected for the tentatively selected plan (TSP). This plan consists of 10 components and is shown in **Figure 6**. On August 1, 2018, the Project Delivery Team (PDT) was notified that the ACOE Headquarters concurred with the PDT's recommendation for Alternative 5R. The ACOE prepared a draft Project Implementation Report (PIR) and Environmental Impact Statement. The draft report was released on March 22, 2019. Two public meetings were held in April 2019 to solicit public comment. The District submitted comments on May 6, 2019, concerning the plan. The Final PIR and Environmental Impact Statement (EIS) was published. On March 9, 2020, staff submitted a letter with comments as well as a letter from the Board restating the need for analysis. The Chief of Engineers and Commanding General of the U.S. Army Corps of Engineers

Alternative 5R

1. Kitching Creek (Restoration/hydration): (Spreader canal; weir/plug (Jenkins Ditch)
2. Moonshine Creek (MC) & Gulfstream East (GE) Restoration: Connect HSLCD ditch to MC; clear MC vegetation; weir in Hobe Grove Ditch; grade area to historic topography
3. Cypress Creek Canal (CCC) (Reduce over-drainage): Replace CCC weir to raise control elevation, raise berm at Ranch Colony, automate twin 84" culverts; pump and spreader swale; regrade CC southern forks
4. Gulfstream West (GW) (Restoration & reduce over-drainage): Partial backfill & relocate southern end of HSLCD canal; small pump, construct flow through marsh to attenuate flows
5. Pal-Mar East (Restoration & Connectivity): Plug ditches; remove pipes; improve northern berm; construct western berm improve eastern berm; pumps at Thomas Farm to redirect drainage to GW flow- redirect drainage to GW flow-through marsh via north Nine-Gems Canal
6. C-18W Reservoir (9,500 ac-ft. & 4 ASR wells): Above ground reservoir; inflow pump, discharge structure; seepage control; M-O canal connector and pump
7. G-160 Structure (Reduce over-drainage): Improve hydroperiod in Loxahatchee Slough
8. G-161 Structure (Connectivity): GWP water to Loxahatchee Slough
9. GWP Triangle (Connectivity): Grade and reconnect
10. M-1 Pump Station (conveyance): Deliver lower M-1 basin water to M-Canal, GWP and G-161

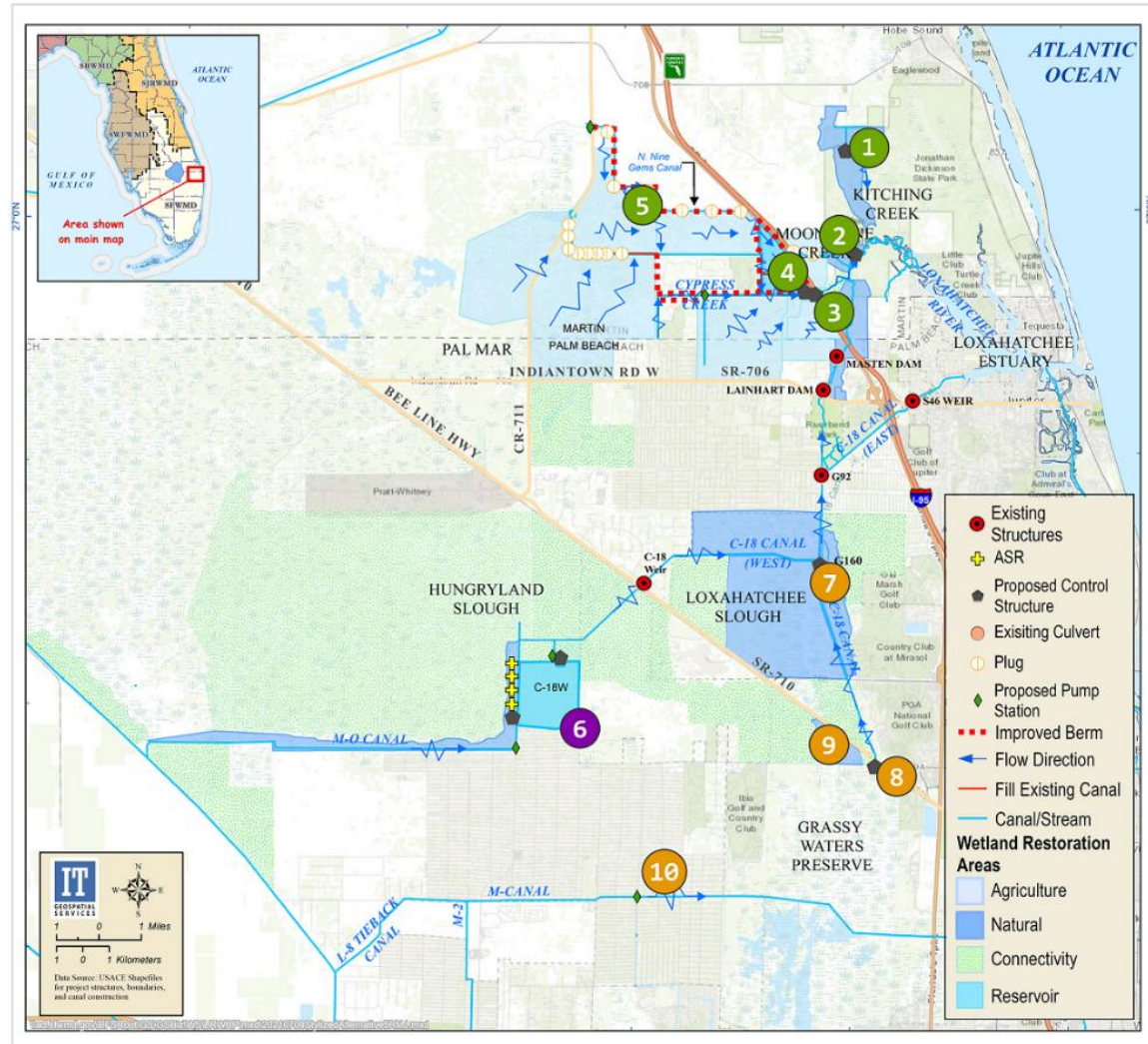


Figure 5. Alternative 5R

(USACE) signed the PIR on April 8, 2020. Congress passed the Water Resources Development Act of 2020 (WRDA2020) and on December 27, 2020, the President signed it. The WRDA2020 included authorization of the Loxahatchee River Watershed Restoration Project.

The LRWRP project is currently in the design phase and efforts are focused on design and modeling, utility relocations, permitting and site preparation. A brief description of the current status of various components is included below:

Flow-way 1 - M-Canal Pump Station and Grassy Waters Triangle Regrading

The purpose of Flow-way 1 is to capture excess water from Indian Trail Improvement District's Lower Basin that would otherwise be lost to tide and redirect it to the Northwest Fork of the Loxahatchee (NWFLR) River. The Modeling contract was expected to be executed in July 2026, with Preliminary Design to follow the modeling. Design phases including preliminary, intermediate, and final are planned to be complete by the end of 2027. Agreements and stakeholder engagement is ongoing.

Flow-way 2 - C18W Impoundment

The purpose of Flow-way 2 is to capture water that would otherwise be lost to tide and redirect it to the NWFLR to achieve restoration target flows.

The Preliminary Design is underway and expected to be completed in January 2027. The Intermediate and Final Design contract is pending funding. Agreements and stakeholder engagement is ongoing.

Design of the impoundment is expected to be complete by the end of 2028.

Flow-way 3 - Gulfstream East and Kitching Creek

Preliminary design of Gulfstream East and Kitching Creek is ongoing. Permitting, cultural resource surveys and environmental site remediation are ongoing. A Preliminary Design contract for features west of I-95 is pending further direction.

Preliminary design of Kitching Creek is also moving forward with submittal expected in the first quarter of 2026. Coordination with FDEP is in progress for a construction and operation easement in Jonathan Dickinson State Park.

5. Operation and Maintenance

Storm Debris Removal

In 2024, two Storm Debris Removal contracts were awarded and executed for a contract duration of three (3) years with the ability to renew the contract for up to five (5) years at one (1) year increments. This debris removal contract ensures the District can act swiftly to restore its canals and remove any blockage after a major storm event.

On July 9, 2025, the District executed a Notice of Grant Agreement and Award with the Natural Resources Conservation Service (NRCS) for \$702,628.30 in funding through the Emergency Watershed Program for Hurricane Milton storm debris removal (Phase 1). Construction costs were funded up to \$638,753 and Technical Assistance costs were funded at 10% of the total construction cost, or up to \$63,875.30). The Phase 1 debris removal (see **Figure 7**) was completed in November 2025. The District has received reimbursement for the Construction and Technical Assistance costs.

A second Damage Survey Report was approved for submission to amend the NRCS Grant Agreement to add Canal 3. The Grant Agreement was amended in January 2026 for an additional \$846,737, and the contractor was given a Notice to Proceed on April 22, 2026. The Phase 2 work, which included Canal 3 and Canal 7, was completed in June, 2026 (see **Figure 8**). The contractor has been paid for the Phase 2 work and a Request for Reimbursement is being prepared for submittal to NRCS.



Figure 6. Hurricane Milton Storm Debris Removal



Figure 7. Completed Phase 2 Hurricane Milton Storm Debris Removal

East Basin Drainage Study

This Drainage Study evaluates the performance of the stormwater management system serving the District's East Basin. This Study was initiated to assess how the existing, permitted system performs under both the original 1984 design assumptions and current SFWMD rainfall criteria, and to identify targeted improvements to enhance level of service. The final report and a brief presentation summarizing the study approach, key observations and conclusions were delivered to the Board of Supervisors in February 2026.

Overall, while the stormwater system continues to convey runoff under normal conditions, the results show that performance under regulatory design storms has declined, especially in terms of roadway protection and canal containment. The findings support the need for further evaluation of potential system improvements, focused data collection, and coordination with permitting agencies to ensure long-term resilience.

The completed East Basin model equips the District to evaluate system performance across a range of storm events, prioritize maintenance and capital improvements, and coordinate more efficiently with permitting agencies. It will also strengthen applications for external funding through grants by providing a defensible, model-based justification of needs and benefits. As a living tool, the model can be updated as new survey data and post storm observations become available, further improving the District's ability to manage stormwater and protect residents in PBCE, Egret Landing and the Jupiter Park of Commerce.

Geographic Information System

Since 2024, significant progress has been made building the District a modern Geographic Information System (GIS) from the ground up. It started with a single, reliable map and database of District information including parcels and easements alongside roads, canals, culverts, and other drainage features and has progressed to putting practical tools in place so field crews and office staff can keep those records up to date. Permit and utility submittals are now

reviewed against the current map. Using GPS equipment in the field, staff can verify locations and add notes and photographs that flow directly into the system. An easy-to-use public portal has been set up to give residents a straightforward way to view District information and report concerns.

The District's GIS based asset management system is now fully operational. The online resident ticketing portal is live and actively used, with positive feedback received from residents and staff for its ease of use and improved coordination of responses. In addition, AECOM worked with SIRWCD staff and their IT support company on development of a workflow to generate automatic email notifications from the District's Survey123 service ticket system when tickets are completed.

All field equipment, including the portable GPS unit and field tablets, are active and functioning. New construction permits and field-verified assets are being added to the system as they become available. Ongoing work continued to streamline data organization and optimize field workflows to increase efficiency and reliability across all user levels.

AECOM has been supporting the Supervisor of Operations in expanding use of the GPS unit by providing training and guidance on collecting roadway and swale elevations throughout the system. The Supervisor of Operations is performing the field data collection, while AECOM reviews the incoming GPS shots as they are logged into the District's GIS-based asset management system and provides engineering support to identify localized grading constraints and high spots that impact conveyance. This effort also supports improved driveway and culvert installations by confirming appropriate culvert inverts and roadway/ditch tie-in elevations to improve hydraulic efficiency and reduce localized ponding.

Roadway Asset Management System

The Executive Director approved and provided direction for AECOM to proceed with further development of the District's existing ArcGIS-based system to include a roadway asset management component. This roadway management system will be used by District staff to inventory District roadways and roadway characteristics, conduct routine pavement condition assessments, and support inspection, maintenance, and repair planning activities. The system is intended to improve the District's ability to document roadway conditions, track maintenance needs, prioritize repairs, and maintain a more organized roadway asset inventory for long-term operations and capital planning.

After a training session in June, where AECOM provided training aids for District staff to better understand how to classify roadway conditions and apply consistent pavement condition ratings, District staff began using the system to assess SIRWCD paved roadways. AECOM will continue to coordinate with District staff as the roadway assessment effort progresses. At a future date, AECOM will meet with District staff to review the data collected, discuss staff feedback, and provide recommendations for updates or refinements to the GIS system to improve usability, consistency, and overall user experience.

AECOM also used the GIS system to compile the District's roadway mileage and organize the roadway inventory by surface type.

Loxahatchee River Headwaters Easement Mapping in Jupiter Farms

In December 2025, the District received a Loxahatchee River Preservation Initiative (LRPI) grant in the amount of \$75,000 for the Loxahatchee River Headwaters Easement Mapping in Jupiter Farms to further strengthen asset management by surveying existing drainage assets and easements and digitizing them into the GIS. As of this report, survey has been completed on Sections 3, 4, 9 -12, Section 2 is in progress and Sections 1,13 -16, 33 and 34 remain to be surveyed. This effort will improve accuracy, help prioritize maintenance, and provide strong documentation for landowner issues and future grant applications.

Canal Clearing and Maintenance

The District's canal network consists of over 60 miles of canals which are continuously in need of being maintained, restored, and enhanced. The canal clearing and maintenance program's objective is to keep the canal sections easily accessible and, to the best extent possible, free from trees and other vegetation that may potentially enter the canal during a major storm event and thereby create a restriction that would aggravate flooding.

The canal clearing and maintenance program provides services that include clearing, grading and shaping of the canals as well as restoring, replacing or enhancing structural improvements. The program is an ongoing effort, and the District has continued to work to maintain and achieve the desired goals.

This past year, the District performed canal cutbacks with the excavator and mulcher as well as tree removal on 37.35 miles of canal banks with in-house staff (see **Figures 9 and 10**).



Figure 8. Vegetation Clearing on Canal 16



Figure 10. Canal Bank Clearing on Canal 6

Secondary Ditch Reclamation

The Board has authorized an on-going swale maintenance program which allows the District Engineer and Executive Director to identify areas within the District that could be improved for conveyance and storage. Over the years, landowners have been filling in their swales and ditches that are used for our secondary drainage system or some do not realize that they have an outfall easement located on their property. The District has been examining the outfall swales throughout the District to determine the need for vegetation removal, regrading and/or outfall pipe replacements. The District has also been conducting title searches to determine whether the outfall swales are under a drainage easement so the maintenance can be conducted. The District plans on continuing this service. In addition, the section by section evaluation allows the District to evaluate the needs at a more local level for swale capacity. District staff will continue to work toward the desired goals of the District in the swale maintenance program.

Roadways

There are approximately 189 miles of roads within the District. These roads give access to each subdivided parcel of land. Currently there are 96 miles of improved roads (paved and Open-Graded Emulsified Mix (OGEM)) and 93 miles of unpaved roads in the District. The improved roads include roads that are operated and maintained by Palm Beach County, the Town of Jupiter, and private entities or owners, which consist of approximately 42 miles of roadway. The District continues to maintain its roads through its grading operation and its road rehabilitation program for its paved roads. The District continuously monitors District owned roads for any needed repairs or replacements and has implemented a Roadway Asset Management system for classifying roadway conditions.

The District completed asphalt repairs and small areas of milling and paving located both in Jupiter Farms and Palm Beach Country Estates under an agreement for Minor Asphalt Roadway Repairs which began in September 2025. One-mile of road resurfacing is budgeted for next fiscal year.

Aquatic Weed Control Program

The District implements an Aquatic Weed Control Program to maintain the primary canals throughout the District. This Program is an ongoing process aimed at reducing and managing the amount of weeds in the canal network to allow unobstructed drainage following rain events. The Aquatic Weed Control Program is necessary to prevent canals from becoming overgrown and to provide a clean channel through the canal system to the outfall.

The program controls emergent vegetation growth through the use of herbicides approved in permits obtained from the State of Florida as well as mechanical removal of dead or accumulated vegetation that may present a potential for impeding the flow of storm water through the primary canal system.

In the future, greater emphasis may be needed for this program as a result of NPDES water quality programs, the FDEP and EPA proposed storm water criteria, the Loxahatchee River Management Plan, and other intergovernmental coordinating activities.

Policies and Procedures Manual

In accordance with the provisions of the Florida Statutes, the District maintains a Policies and Procedures Manual that is available to the public. The Manual presents and discusses items including District organization, agenda formulation and execution, processing of permits that affect works of the District, the budget process, etc. Periodic revisions including deletions, additions, and amendments are made to maintain consistency with Florida Statutes and other codes and rules. The Policies and Procedure Manual was updated and reformatted effective February 15, 2024 and subsequently revised February 20, 2025, to provide better guidance on District policies. As the District's policies and procedures continue to evolve, further updates are being drafted and will be presented to the Board of Supervisors for review and approval.

Rainfall

The District work center monitors and records the total rainfall the District receives throughout the year. For the twelve-month period from September 2025 through August 2026, the District received 57.23 inches of rainfall. The District's historical monthly rainfall data dating back to 1987 as well as the calculated monthly average rainfall is illustrated in **Table 1**. The average annual rainfall for the District is 65.50 inches including this year's data. The 2025-2026-year rainfall was approximately 8.27 inches lower than the historical rainfall average within the District. Historical rainfall data obtained by LRD, the Town of Jupiter Water Department (TOJ), and the SFWMD are shown below in **Tables 2, 3, and 4**, respectively.

The 2025-2026 monthly rainfall data from the District, LRD, and TOJ have been averaged to determine the rainfall for an area referred to as North County. The average total year rainfall in North County from September 2025 to August 2026 was 56.37 inches. The North County Averages can be found in **Table 5**.

The SFWMD data represents the historical averages of numerous rainfall measuring stations throughout Palm Beach County. **Table 6** and **Figure 11** compare the rainfall data from 2025-2026 SIRWCD, the 30-year SFWMD average, and the 2025-2026 North County average. The cumulative rainfall for 2025-2026 SIRWCD, the 30-year SFWMD average, and the North County average are shown in **Table 7** and **Figure 12**.

Table 1. SIRWCD Rainfall Data**SOUTH INDIAN RIVER WATER CONTROL DISTRICT (SIRWCD)**

Historical Rainfall Data (inches)													
Years	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	TOTAL
1987-1988	8.08	6.03	12.92	1.25	4.00	2.60	3.20	2.50	9.30	13.25	14.20	10.75	88.08
1988-1989	1.00	1.35	1.70	1.75	0.40	0.25	4.10	5.50	1.90	6.95	7.90	6.75	39.55
1989-1990	3.80	3.75	1.40	2.15	1.10	1.80	6.20	2.20	4.85	5.85	4.85	9.40	47.35
1990-1991	11.35	3.05	2.65	2.55	7.75	4.20	4.25	7.35	5.50	15.90	9.80	5.72	80.07
1991-1992	9.95	4.35	4.85	0.55	0.75	6.25	4.70	3.00	2.45	16.85	2.80	11.95	68.45
1992-1993	9.00	0.75	9.85	0.75	12.60	4.15	10.75	2.10	7.18	7.30	4.75	3.73	72.91
1993-1994	8.15	12.00	2.57	0.47	2.09	4.12	1.67	2.50	2.65	7.23	4.91	9.77	58.13
1994-1995	7.55	7.15	7.87	7.51	2.32	1.83	2.68	3.57	1.43	10.08	10.73	14.80	77.52
1995-1996	4.78	25.90	0.71	1.22	1.39	1.00	11.94	2.01	10.62	7.39	9.74	8.31	85.01
1996-1997	7.41	6.60	4.37	0.98	4.11	6.41	2.51	7.24	5.45	14.60	6.18	12.39	78.25
1997-1998	10.26	1.78	3.53	5.45	6.54	7.84	4.78	5.71	1.91	1.88	8.74	7.13	65.55
1998-1999	10.81	4.03	10.86	1.26	9.76	0.68	0.37	0.87	2.59	16.38	7.21	15.22	80.04
1999-2000	9.79	17.41	0.76	5.39	1.23	1.55	3.27	4.16	0.89	3.21	7.33	2.49	57.48
2000-2001	6.45	12.06	1.03	3.15	1.10	0.03	5.56	0.65	5.92	9.78	8.28	11.81	65.82
2001-2002	14.26	6.65	3.17	2.73	1.25	6.41	1.29	5.31	2.03	10.56	9.71	5.63	69.00
2002-2003	3.67	2.40	3.13	2.95	0.17	1.61	7.62	6.22	10.70	5.81	2.62	9.41	56.31
2003-2004	4.65	6.45	5.81	3.38	2.09	2.07	0.81	2.11	3.11	3.95	8.66	7.70	50.79
2004-2005	25.72	1.44	1.39	1.04	1.50	1.44	9.44	2.05	6.80	12.69	4.07	7.00	74.58
2005-2006	13.21	11.80	3.08	0.74	0.43	2.97	0.67	2.67	2.39	8.59	6.06	12.04	64.65
2006-2007	4.56	2.22	1.58	3.58	0.28	1.40	0.74	3.37	5.09	10.72	12.93	9.44	55.91
2007-2008	12.38	7.55	1.92	4.43	0.95	4.07	4.15	2.32	4.78	8.14	5.40	9.07	65.16
2008-2009	4.98	4.62	1.47	2.08	0.05	0.74	4.89	1.39	11.15	6.30	8.87	6.68	53.22
2009-2010	3.82	1.92	2.92	7.32	1.86	2.15	9.46	4.98	6.50	7.06	5.71	9.99	63.69
2010-2011	9.20	1.20	1.59	0.44	3.21	0.39	2.33	1.02	3.91	7.10	7.63	7.70	45.72
2011-2012	9.72	11.30	1.59	2.00	0.75	6.62	4.50	1.18	6.93	5.97	4.30	15.66	70.52
2012-2013	3.87	4.59	0.51	3.66	1.22	2.40	1.18	3.60	8.72	9.65	10.74	9.35	59.49
2013-2014	9.40	0.81	6.98	1.49	11.65	2.84	4.43	1.62	6.14	11.80	9.37	5.90	72.43
2014-2015	7.23	4.25	1.58	1.27	1.41	10.97	3.06	4.36	2.67	4.63	7.26	8.69	57.38
2015-2016	9.50	0.98	3.62	10.04	7.91	3.51	6.40	1.67	5.65	6.47	2.21	10.42	68.38
2016-2017	4.25	4.71	0.21	2.48	2.25	3.19	1.32	6.64	4.22	11.26	11.04	2.48	54.05
2017-2018	12.42	18.46	7.20	1.23	3.81	0.49	0.52	5.74	17.71	17.00	11.45	9.10	105.13
2018-2019	6.84	1.41	4.05	0.70	7.18	2.92	3.85	5.78	5.17	5.60	9.92	15.60	69.02
2019-2020	5.75	5.52	4.18	13.59	2.60	3.80	0.00	2.96	11.79	11.38	10.38	4.51	76.46
2020-2021	9.85	9.55	7.53	4.42	0.32	0.84	1.40	1.18	1.25	7.65	7.09	7.15	58.23
2021-2022	10.23	4.83	7.62	2.44	2.63	2.17	3.93	3.16	3.58	8.90	6.76	3.59	59.84
2022-2023	17.24	1.44	7.05	6.15	0.40	1.02	0.50	8.97	5.48	11.81	7.60	11.14	78.80
2023-2024	5.07	3.26	4.15	6.60	1.86	3.49	2.15	1.26	2.30	19.79	5.96	7.12	63.01
2024-2025	3.66	7.42	0.69	1.58	1.33	1.24	2.02	0.63	5.19	3.78	6.91	6.98	41.43
2025-2026	9.18	9.02	1.31	1.72	0.76	0.15	5.13	7.10	3.61	5.63	5.90	7.72	57.23
AVG	8.44	6.15	3.83	3.14	2.90	2.86	3.79	3.50	5.37	9.20	7.59	8.73	65.50

Table 2. Loxahatchee River District (LRD) Rainfall**LOXAHATCHEE RIVER DISTRICT (LRD)**

Historical Rainfall Data (inches)													
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	TOTAL
1974-1975	5.01	6.07	1.81	1.66	0.46	2.80	1.63	1.92	8.20	10.19	6.78	1.46	47.99
1975-1976	5.67	3.83	1.10	2.15	0.90	6.30	0.36	1.89	10.57	4.70	1.59	5.20	44.26
1976-1977	8.91	4.12	3.69	2.71	4.48	1.54	1.77	2.00	8.60	3.06	2.33	5.97	49.18
1977-1978	13.39	1.13	1.14	6.21	4.80	2.60	3.40	0.25	4.15	11.95	13.15	10.71	72.88
1978-1979	9.45	3.40	7.30	13.62	5.10	0.47	1.16	3.81	5.45	4.32	3.36	5.61	63.05
1979-1980	18.96	5.22	4.16	1.49	3.84	2.58	1.79	2.88	5.40	4.83	7.94	4.22	63.31
1980-1981	6.42	6.16	4.72	3.04	0.63	3.65	1.00	0.92	3.35	4.67	3.59	16.71	54.86
1981-1982	8.61	2.73	3.87	0.58	1.88	9.38	18.16	7.71	11.38	12.65	3.85	8.79	89.59
1982-1983	8.02	2.83	21.95	2.11	6.19	7.13	5.26	4.05	3.14	9.02	4.04	8.19	81.93
1983-1984	16.40	6.98	4.86	7.59	1.12	2.77	5.22	3.05	7.92	5.01	6.57	3.61	71.10
1984-1985	11.55	2.19	9.52	1.35	1.13	0.29	1.88	3.73	2.53	4.98	5.06	4.37	48.58
1985-1986	11.74	6.51	1.21	4.31	5.51	1.81	14.00	0.25	1.17	11.40	7.30	5.93	71.14
1986-1987	5.39	6.75	6.13	6.97	2.62	3.11	6.88	0.30	6.93	7.64	4.09	3.88	60.69
1987-1988	7.09	3.94	12.25	0.19	4.18	4.91	3.39	1.84	8.24	7.09	7.95	7.41	68.48
1988-1989	2.02	2.79	6.32	1.32	1.22	0.37	3.84	4.73	2.82	3.33	6.75	5.70	41.21
1989-1990	2.36	3.16	1.41	2.18	1.68	1.38	6.36	1.49	3.84	2.51	4.29	3.16	33.82
1990-1991	8.25	3.02	0.97	1.83	7.45	2.75	2.99	2.92	6.71	7.68	5.57	3.80	53.94
1991-1992	5.88	4.28	2.72	0.47	1.74	3.30	3.74	3.67	1.46	15.44	2.16	9.27	54.13
1992-1993	10.54	1.63	9.17	1.02	12.75	4.57	9.73	2.22	3.32	8.50	2.99	2.22	68.66
1993-1994	8.59	11.29	5.66	0.81	3.38	4.20	1.97	3.74	3.41	8.31	4.87	10.06	66.29
1994-1995	7.48	5.60	10.27	7.30	2.54	1.49	2.81	3.40	0.80	9.56	8.98	13.02	73.25
1995-1996	5.44	23.64	1.42	1.89	1.33	1.30	11.00	1.51	8.57	6.63	5.96	6.77	75.46
1996-1997	4.81	5.04	4.77	7.77	3.53	2.44	2.50	9.19	6.08	19.35	8.42	18.52	92.42
1997-1998	9.37	2.24	2.92	4.76	6.84	6.51	4.93	3.18	2.46	3.93	8.41	7.78	63.33
1998-1999	12.00	4.60	8.61	2.04	9.33	0.63	0.30	0.92	4.11	13.62	6.24	10.70	73.10
1999-2000	12.25	18.04	0.41	2.19	1.11	1.02	2.18	5.40	2.05	1.63	4.81	3.93	55.02
2000-2001	10.17	12.88	2.05	4.08	1.19	0.40	6.99	0.92	5.41	9.12	10.96	12.02	76.19
2001-2002	18.95	5.81	2.48	2.94	0.76	6.71	1.47	3.62	1.36	10.11	9.58	7.58	71.37
2002-2003	6.02	3.20	3.22	3.60	0.19	1.60	8.64	4.90	10.74	4.91	1.77	7.56	56.35
2003-2004	5.91	2.50	6.06	3.19	1.77	2.25	0.64	1.62	3.20	3.18	6.38	8.35	45.05
2004-2005	22.28	1.30	1.05	1.02	1.38	2.50	5.18	2.09	5.23	10.57	1.85	8.12	62.57
2005-2006	4.54	11.25	4.38	1.43	0.44	3.15	0.49	3.13	1.64	8.43	5.81	11.25	55.94
2006-2007	5.04	2.14	1.92	3.80	0.45	1.77	1.06	2.88	4.07	12.36	8.19	4.06	47.74
2007-2008	12.27	6.83	3.13	3.41	1.08	3.94	4.41	2.48	4.56	7.70	5.99	11.15	66.95
2008-2009	6.36	6.34	1.82	6.34	0.41	1.20	4.86	1.87	10.17	8.07	8.65	6.90	62.99
2009-2010	3.51	0.79	4.72	6.89	1.57	3.02	9.08	5.34	2.79	10.37	5.42	11.70	65.20
2010-2011	8.36	1.49	2.21	1.11	3.62	0.66	3.27	2.89	3.48	5.00	4.74	9.70	46.53
2011-2012	8.07	8.73	2.22	0.98	3.62	5.89	2.67	1.66	7.97	6.81	3.85	16.44	68.91
2012-2013	7.60	5.61	1.88	8.45	1.77	2.27	1.23	5.42	8.00	11.65	5.49	7.60	66.97
2013-2014	12.18	0.81	6.88	2.69	7.83	2.13	5.15	2.19	4.46	9.41	8.90	8.50	71.13
2014-2015	8.29	4.93	2.02	0.92	0.00	6.47	2.22	5.25	2.72	5.39	8.61	9.25	56.07
2015-2016	10.15	0.95	4.34	9.14	7.85	3.77	7.01	1.01	9.99	6.32	3.79	8.70	73.02
2016-2017	5.58	3.61	0.19	1.94	1.67	3.88	1.04	5.60	3.37	11.45	10.94	2.88	52.15
2017-2018	9.68	13.00	5.18	1.27	3.75	0.26	0.12	5.25	14.72	13.29	7.21	6.01	79.74
2018-2019	3.13	2.04	2.75	0.46	8.63	2.93	3.01	3.82	6.06	8.41	6.34	16.18	63.76
2019-2020	4.65	3.62	2.95	10.52	1.83	2.45	0.06	3.11	10.86	12.92	7.87	4.59	65.43
2020-2021	7.17	11.11	4.96	3.44	0.31	0.71	1.31	4.58	1.85	9.56	4.49	10.14	59.63
2021-2022	5.54	5.56	7.41	1.81	3.05	2.01	2.47	4.39	2.06	8.82	5.51	2.94	51.57
2022-2023	2.94	8.72	7.24	3.65	0.35	1.10	0.43	7.25	5.45	7.75	6.59	10.05	61.52
2023-2024	9.02	2.95	4.18	6.14	1.78	3.56	1.94	1.49	2.04	11.69	6.92	11.40	63.11
2024-2025	7.82	7.02	0.74	1.48	1.51	1.10	2.61	0.67	3.27	4.33	4.42	3.38	38.35
2025-2026	6.09	11.70	1.10	0.69	1.16	0.56	5.90	5.76	4.26	5.16	7.42	6.07	55.87
AVG	8.40	5.62	4.34	3.44	2.96	2.80	3.88	3.20	5.24	8.17	6.05	7.88	61.96

Table 2. Town of Jupiter Water Department (TOJ) Rainfall**TOWN OF JUPITER WATER DEPARTMENT (TOJ)**

Historical Rainfall Data (inches)													
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	TOTAL
1976-1977	4.65	4.62	3.20	0.80	3.33	1.70	0.70	2.09	3.00	5.20	5.80	8.25	43.34
1977-1978	14.06	2.90	2.97	7.70	4.80	2.60	3.40	0.25	4.15	11.95	13.15	10.71	78.64
1978-1979	9.45	3.40	7.30	16.39	5.05	0.22	1.34	3.98	6.14	4.31	2.63	5.49	65.70
1979-1980	16.86	5.98	4.54	1.58	5.00	2.67	1.91	2.50	6.12	3.61	9.69	5.22	65.68
1980-1981	6.65	6.33	4.83	2.00	0.62	3.11	1.12	0.46	4.60	6.16	3.27	15.65	54.80
1981-1982	7.20	2.56	1.75	0.36	1.70	6.54	14.70	8.24	14.14	13.25	2.82	6.97	80.23
1982-1983	7.94	2.16	22.49	2.59	6.26	8.10	5.11	4.29	3.38	9.40	3.25	8.30	83.27
1983-1984	15.21	8.29	3.94	7.20	0.79	3.49	6.50	2.97	9.04	2.30	6.13	3.65	69.51
1984-1985	10.23	2.40	13.80	0.17	1.13	0.29	1.88	6.66	1.95	4.66	4.65	4.49	52.31
1985-1986	15.65	5.15	0.73	4.02	5.38	2.23	14.00	0.28	1.19	13.60	5.44	5.25	72.92
1986-1987	4.24	6.75	6.13	6.49	1.86	5.17	7.58	0.34	3.57	7.18	3.68	3.28	56.27
1987-1988	9.07	8.12	13.58	0.31	3.86	5.94	3.51	1.48	7.10	7.98	8.79	8.60	78.34
1988-1989	2.41	2.53	2.40	1.11	1.04	0.53	4.46	3.90	2.60	3.07	5.69	4.87	34.61
1989-1990	2.47	3.21	1.24	2.54	1.35	1.40	5.95	1.94	5.07	2.32	4.07	4.60	36.16
1990-1991	8.81	2.90	1.43	1.83	10.86	3.15	3.32	2.59	6.65	8.28	6.29	3.06	59.17
1991-1992	6.38	5.42	3.02	1.31	1.74	4.16	3.81	3.58	1.50	15.44	2.61	10.40	59.37
1992-1993	9.35	1.66	9.90	0.95	18.13	3.64	5.22	1.97	2.62	8.45	2.79	3.11	67.79
1993-1994	9.89	11.59	6.06	0.94	4.15	4.47	2.26	4.99	4.85	10.02	6.67	10.09	75.98
1994-1995	10.11	7.20	11.83	8.13	3.00	1.76	3.25	4.50	0.56	9.62	10.56	13.22	83.74
1995-1996	5.94	22.32	1.39	2.36	1.04	1.64	13.61	2.04	9.45	9.13	6.56	7.27	82.75
1996-1997	6.05	7.81	5.48	1.71	3.95	2.31	4.25	7.16	4.97	14.56	7.96	14.48	80.69
1997-1998	9.02	2.80	2.99	5.14	6.43	7.73	5.39	3.03	3.35	4.00	6.48	6.53	62.89
1998-1999	13.46	5.60	9.95	1.91	10.83	0.83	0.26	1.01	3.64	14.35	7.93	9.77	79.54
1999-2000	14.92	18.09	0.73	2.59	1.06	1.22	3.28	6.27	1.50	1.10	4.61	1.75	57.12
2000-2001	9.50	12.44	1.54	2.79	1.24	0.32	5.81	0.99	4.24	9.70	9.72	11.99	70.28
2001-2002	18.47	6.27	3.11	2.64	0.70	7.68	1.24	5.05	0.76	13.32	9.36	6.96	75.56
2002-2003	5.75	3.46	3.59	3.66	0.23	1.76	9.22	5.50	10.09	4.07	1.90	9.83	59.06
2003-2004	5.70	2.05	6.14	3.67	1.77	2.46	0.85	1.60	2.78	2.83	3.89	8.00	41.74
2004-2005	27.63	1.28	1.09	1.11	1.50	1.53	7.93	2.27	4.46	11.96	2.43	8.63	71.82
2005-2006	6.89	10.51	5.08	1.70	0.56	2.75	0.46	3.55	1.63	8.00	4.07	10.69	55.89
2006-2007	5.43	2.21	1.35	7.62	0.50	2.40	0.77	3.17	3.80	15.62	9.45	3.79	56.11
2007-2008	10.21	8.21	1.56	2.42	1.10	4.21	4.59	3.07	3.78	9.03	6.08	13.60	67.86
2008-2009	6.25	5.55	1.51	1.90	0.23	1.65	6.12	1.87	10.40	9.81	8.34	5.60	59.23
2009-2010	2.22	1.22	2.25	6.90	1.61	2.25	7.90	4.26	2.56	7.59	3.30	10.72	52.78
2010-2011	8.48	0.63	1.42	0.43	1.89	0.53	2.56	1.19	3.65	4.48	7.64	11.03	43.93
2011-2012	9.04	8.20	2.41	1.09	1.44	5.13	4.18	1.86	9.35	7.11	6.45	21.36	77.62
2012-2013	7.60	7.43	2.77	10.15	1.48	2.56	1.44	4.54	5.33	13.35	5.25	7.89	69.79
2013-2014	12.64	1.05	5.58	2.85	9.07	2.33	6.97	2.53	6.02	10.59	11.31	9.66	80.60
2014-2015	8.64	6.28	3.34	1.86	1.42	7.84	1.61	4.34	2.28	4.08	7.32	6.08	55.09
2015-2016	9.94	0.86	3.75	8.89	12.01	3.46	7.30	1.03	8.29	3.54	3.75	5.54	68.36
2016-2017	5.50	3.36	0.06	2.21	5.70	3.19	0.70	6.17	2.33	11.37	6.67	2.04	49.30
2017-2018	8.99	9.70	5.56	1.05	3.73	0.64	0.63	5.26	16.47	11.57	8.97	3.31	75.88
2018-2019	3.24	2.10	2.61	0.72	6.72	1.89	2.99	4.48	6.77	9.56	7.04	14.57	62.69
2019-2020	4.37	3.72	2.73	10.04	2.13	2.73	0.03	2.37	14.06	10.45	9.12	5.27	67.02
2020-2021	6.97	15.37	5.54	3.79	0.35	0.79	1.10	4.07	1.72	9.62	6.18	12.43	67.93
2021-2022	6.51	5.32	7.95	2.49	3.16	2.35	3.02	7.14	1.90	10.58	6.06	3.57	60.05
2022-2023	9.96	4.70	7.62	4.06	0.44	1.66	0.40	9.49	6.92	8.19	6.22	9.22	68.88
2023-2024	9.48	2.68	5.52	8.46	1.85	3.85	2.38	1.51	2.48	14.72	7.70	13.18	73.81
2024-2025	9.01	10.43	0.80	2.37	1.78	1.25	3.00	1.08	5.33	4.79	6.64	3.85	50.33
2025-2026	6.83	14.08	0.66	1.00	1.02	0.49	3.82	6.14	5.69	4.31	5.69	6.28	56.01
AVG	8.91	5.98	4.54	3.52	3.34	2.85	4.08	3.42	5.08	8.40	6.24	8.00	64.37

Table 3. SFWMD Palm Beach County-Wide Rainfall Averages**SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD)
PALM BEACH COUNTY-WIDE AVERAGES**

Historical Rainfall Data (inches)													
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	TOTAL
30 Year Avg. (1981-2010)	8.49	5.56	4.15	2.92	2.96	2.88	4.12	3.23	4.66	8.20	6.54	8.06	61.77
1995-1996	6.26	15.06	1.10	1.52	1.54	0.53	7.09	2.49	8.01	8.46	4.63	4.75	61.44
1996-1997	7.17	6.78	2.26	1.77	3.87	4.73	3.37	5.47	3.74	12.67	5.64	10.10	67.57
1997-1998	7.52	1.44	3.93	5.02	5.23	6.93	4.33	2.32	1.71	2.51	7.29	4.85	53.08
1998-1999	13.93	2.91	9.85	2.99	7.26	1.50	0.50	2.72	2.58	15.41	3.22	8.20	71.07
1999-2000	8.94	12.66	3.16	1.69	1.28	0.78	3.58	4.72	1.08	3.59	6.74	4.36	52.58
2000-2001	5.02	7.39	2.60	1.83	0.78	0.26	5.57	0.40	4.44	6.57	9.41	7.95	52.22
2001-2002	15.14	5.77	2.02	2.16	0.51	5.11	1.20	2.60	1.80	12.59	7.97	5.05	61.92
2002-2003	4.04	2.35	2.75	2.88	0.48	1.17	4.42	3.85	8.45	6.35	3.85	8.92	49.51
2003-2004	5.51	1.27	4.77	2.69	2.54	2.69	0.78	2.38	2.22	3.14	5.03	7.70	40.72
2004-2005	17.71	2.94	0.75	0.85	1.23	1.09	5.87	1.72	5.72	12.45	4.84	2.80	57.97
2005-2006	7.30	7.22	4.49	1.44	0.67	2.80	1.31	2.38	4.09	4.48	6.03	7.32	49.53
2006-2007	6.68	1.48	2.27	5.47	0.74	1.31	0.51	2.64	3.35	12.41	8.73	6.05	51.64
2007-2008	8.11	8.77	0.68	1.76	1.87	4.56	5.48	2.92	3.12	7.03	6.52	11.04	61.86
2008-2009	6.77	5.37	0.76	1.24	0.17	0.34	3.46	1.48	10.12	8.44	6.57	5.76	50.48
2009-2010	6.90	1.31	2.93	5.84	1.66	3.34	7.72	5.62	3.91	4.85	4.82	9.25	58.15
2010-2011	7.89	0.93	1.17	1.02	2.24	0.58	2.36	1.24	2.46	4.79	5.41	9.84	39.93
2011-2012	7.06	9.35	1.28	1.05	0.30	2.99	2.42	4.90	8.48	7.49	5.45	16.30	67.07
2012-2013	6.68	6.47	0.69	1.64	1.07	2.71	1.17	4.45	11.06	9.91	9.50	4.38	59.73
2013-2014	8.15	0.81	3.82	1.39	7.02	1.73	2.54	1.72	3.60	7.79	8.55	7.34	54.46
2014-2015	9.10	4.39	1.66	1.20	0.74	4.37	1.20	4.27	1.57	4.41	5.50	7.21	45.62
2015-2016	7.49	1.66	3.09	6.52	9.09	2.83	4.23	1.03	6.52	6.46	3.14	8.61	60.67
2016-2017	6.10	5.04	0.30	1.65	1.66	2.37	1.49	3.66	4.20	13.14	5.60	6.20	51.41
2017-2018	10.00	12.30	4.39	1.02	2.80	0.47	0.53	6.01	15.29	8.13	6.15	5.82	72.91
2018-2019	4.90	2.03	2.50	1.26	5.44	3.49	2.70	1.99	6.27	8.21	4.82	9.02	52.63
2019-2020	3.58	3.97	2.47	10.46	1.97	2.34	0.01	2.00	11.90	12.41	7.29	5.22	63.62
2020-2021	8.25	14.38	7.05	3.70	0.34	0.78	1.47	3.83	1.74	9.03	5.88	10.72	67.17
2021-2022	6.07	5.45	3.40	6.00	2.91	2.12	3.03	3.40	1.94	8.35	7.03	4.24	53.94
2022-2023	9.03	3.46	6.34	3.45	0.28	1.52	0.53	7.98	6.28	7.67	6.33	8.42	61.29
2023-2024	9.10	2.35	4.48	7.13	1.85	3.32	2.27	1.39	2.08	12.21	8.03	9.47	63.68
2024-2025	6.14	14.19	0.70	2.10	1.26	1.18	2.75	0.70	4.74	3.58	5.15	3.39	45.88
2025-2026	6.21	12.46	0.98	0.89	0.62	0.60	4.72	5.05	4.71	3.71	5.87	6.34	52.16

Monthly Averages are based on information provided by the South Florida Water Management District. These are weighted averages based on data from recording stations located throughout Palm Beach County. The 30 Year Average is an unofficial average of rainfall in eastern Palm Beach County for the period of 1981-2010.

Table 4. 2025-2026 North County Rainfall Average**2025-2026 NORTH COUNTY RAINFALL AVERAGE**

Historical Rainfall Data (inches)													
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	TOTAL
SIRWCD Avg.	9.18	9.02	1.31	1.72	0.76	0.15	5.13	7.10	3.61	5.63	5.90	7.72	57.23
LRD Avg.	6.09	11.70	1.10	0.69	1.16	0.56	5.90	5.76	4.26	5.16	7.42	6.07	55.87
TOJ Avg.	6.83	14.08	0.66	1.00	1.02	0.49	3.82	6.14	5.69	4.31	5.69	6.28	56.01
N. County Avg.	7.37	11.60	1.02	1.14	0.98	0.40	4.95	6.33	4.52	5.03	6.34	6.69	56.37

N. County Avg. is based on the average monthly rainfall data from SIRWCD, the Loxahatchee River Environmental Control District (LRECD), and the Town of Jupiter Water Department (TOJ) through August 31, 2026.

Table 5. SIRWCD 2025-2026 Rainfall Analysis**SIRWCD 2025-2026 RAINFALL ANALYSIS**

Historical Rainfall Data (inches)													
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	TOTAL
SIRWCD 2025-2026	9.18	9.02	1.31	1.72	0.76	0.15	5.13	7.10	3.61	5.63	5.90	7.72	57.23
30 Year Avg. (1981-2010)	8.49	5.56	4.15	2.92	2.96	2.88	4.12	3.23	4.66	8.20	6.54	8.06	61.77
N. County Avg.	7.37	11.60	1.02	1.14	0.98	0.40	4.95	6.33	4.52	5.03	6.34	6.69	56.37

N. County Avg. is based on the average monthly rainfall data from SIRWCD, the Loxahatchee River Environmental Control District (LRECD), and the Town of Jupiter Water Department (TOJ) through August 31, 2026. Refer to *Figure 16* for a graphical representation of this data.

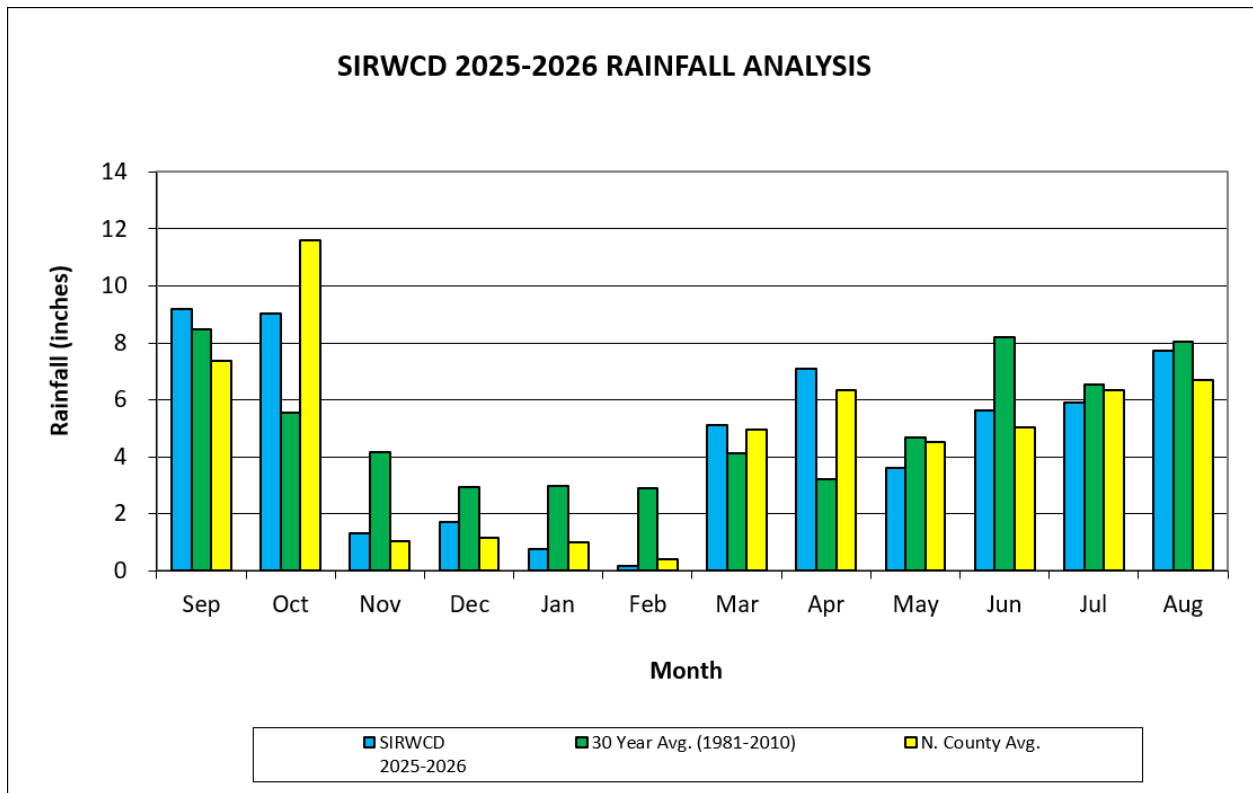
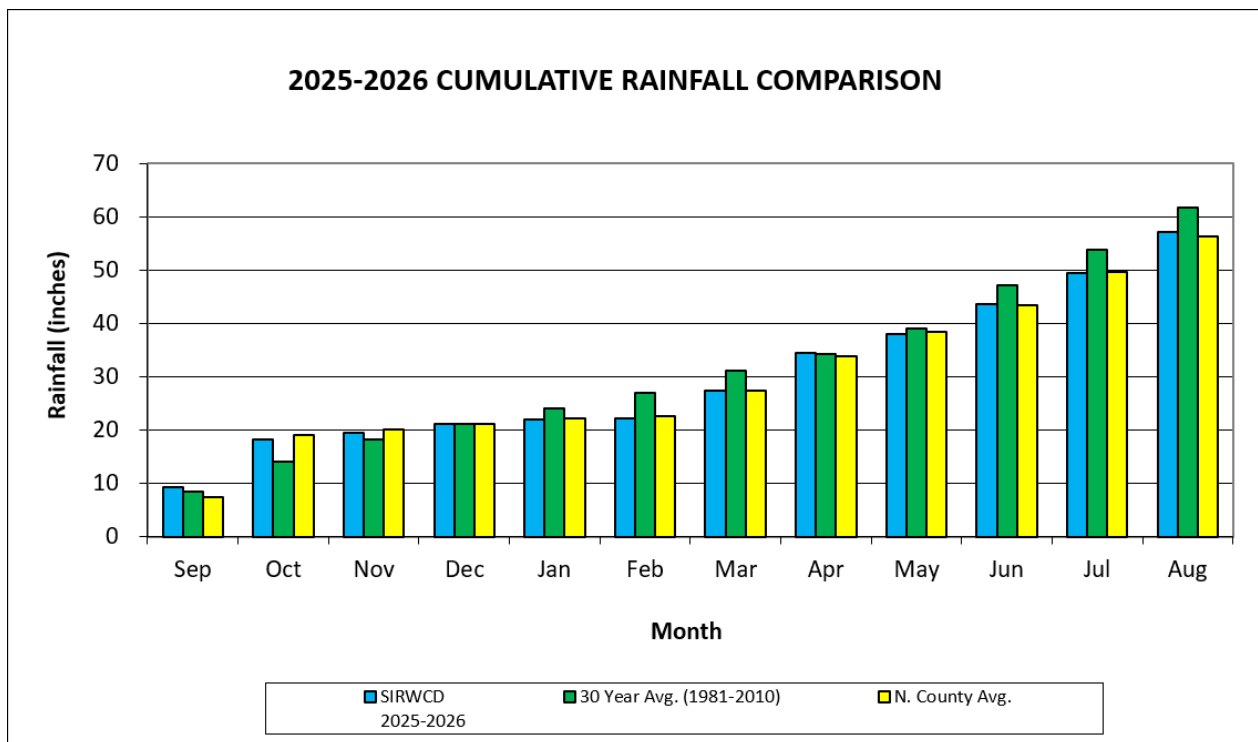
**Figure 11. SIRWCD 2025-2026 Rainfall Analysis**

Table 6. 2025-2026 Annual Cumulative Rainfall Comparison**2025-2026 ANNUAL CUMULATIVE RAINFALL COMPARISON**

Historical Rainfall Data (inches)												
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
SIRWCD 2025-2026	9.18	18.20	19.51	21.23	21.99	22.14	27.27	34.37	37.98	43.61	49.51	57.23
30 Year Avg. (1981-2010)	8.49	14.05	18.20	21.12	24.08	26.96	31.08	34.31	38.97	47.17	53.71	61.77
N. County Avg.	7.37	18.97	19.99	21.13	22.11	22.51	27.46	33.79	38.31	43.34	49.68	56.37

The annual cumulative totals include the average monthly figures plus the prior monthly averages of the report year. Refer to *Figure 17* for a graphical representation of this data.

**Figure 12. 2025-2026 Cumulative Rainfall Comparison**

General Operation and Maintenance

The District's Executive Director's Annual Report is included in this document as Appendix A. It offers a summary of significant events and issues that have been identified by the Executive Director. The Executive Director, Supervisor of Operations and staff of the District are the agents for day-to-day activities. They are primarily focused on maintaining the primary and secondary elements of the surface water management system and the graded roadways throughout the District. Further, the Executive Director facilitates interagency coordination with other public entities that operate and maintain assets within the District such as Palm Beach County Road and Bridge Division, Palm Beach County Parks and Recreation, Palm Beach County Fire Control, School District of Palm Beach County, Florida Department of Transportation, South Florida Water Management District, Town of Jupiter, the Loxahatchee River District, and others.

Each year, a portion of this report is utilized to state that the District's surface water management system is designed, operated, and maintained for a mostly rural residential community with some commercial, industrial, and urban residential areas. Accordingly, certain low-lying areas within the District will experience ponding and storage of water during the wet season and following significant storms. Swales will have standing water, and many areas will be saturated for extended periods of time during the wet season. The continued development of low-lying areas in the District will result in a commensurate consumption of storage within the District's watershed. Where ponds are excavated on individual lots to supply the fill for house pads and related improvements, the consumption of available storage is not as severe because the pond serves as a compensating factor. Unfortunately, many landowners have decided to fill in their ponds and the storage is being reduced. Due to these instances, the District has been working with Palm Beach County to enforce its rules concerning the filling of lots. Palm Beach County implemented their code through Policy and Procedure Memorandum PB-O-128 with an effective Date of July 8, 2022, and they have asked landowners to notify them of these types of activities. These issues are regularly discussed by the Board of Supervisors and District staff at the monthly meetings, with individual landowners, in forums and meetings within the District, and within the District's newsletter and other publications distributed throughout the District. The District's Board of Supervisors and staff work to assure that the surface water management system functions to the extent of its permitted capacity while recognizing the regulatory requirements imposed on the District by other agencies. All the District work must be implemented within the adopted budget utilizing existing manpower, equipment and other resources available to accomplish the tasks.

General Comments

The District is almost fully developed. It has a unique identity as a community that is virtually surrounded by premiere natural systems such as the Loxahatchee Slough and the Wild and Scenic Northwest Fork of the Loxahatchee River. These environmental assets guarantee limited growth in the area and offer special recreational opportunities. On the other hand, the District and its landowners have the responsibility of being good stewards in maintaining compatibility with these ecological systems. To that end, the District is exploring how it can improve its surface water management system while at the same time contributing to the enhancement of the Loxahatchee Slough and Loxahatchee River.

The goals and objectives of the District are not inconsistent with those being discussed for the Loxahatchee River Watershed Restoration Project Delivery Team, the Loxahatchee River Management Coordinating Council, Department of Environmental Protection, Corps of Engineers, and South Florida Water Management District. However, the necessary ingredient is that all these entities, including the District, must identify and implement action plans that merge the goals of each agency into a functional and affordable outcome.

The District will continue to serve its landowners by providing support during emergency situations, maintaining and operating the surface water management system at optimal levels, and providing services that coincide with the system capabilities, board policies, and the community.

AECOM appreciates the opportunity to continue serving as your District Engineer, and we look forward to working with the Board of Supervisors, landowners, and staff in the coming year.

Appendix A
