

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Springs Coast Management Committee

2027

**Approve Meeting Dates
July 8, 2026**

Southwest Florida
Water Management District



Madison Trowbridge, Ph.D.

Springs Scientist

Natural Systems and Restoration

Management Committee Meetings

Dates	Objective
Feb 17, 2027	• Quantifiable objective updates • Invited presenters
Jul 7, 2027	• Approve: 2028 Meeting Dates • Quantifiable objective updates • Invited presenters

Steering Committee Meetings

Dates	Objective
Mar 3, 2027	• Quantifiable objective updates • Invited presenters
Aug 4, 2027	• Approve: Meeting Dates • Quantifiable objective updates • Invited presenters

Recommendations

Approve the future Springs Coast Management Committee meeting dates.

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

SWIM Plan Quantifiable Objective Updates – Weeki Wachee River

Southwest Florida
Water Management District



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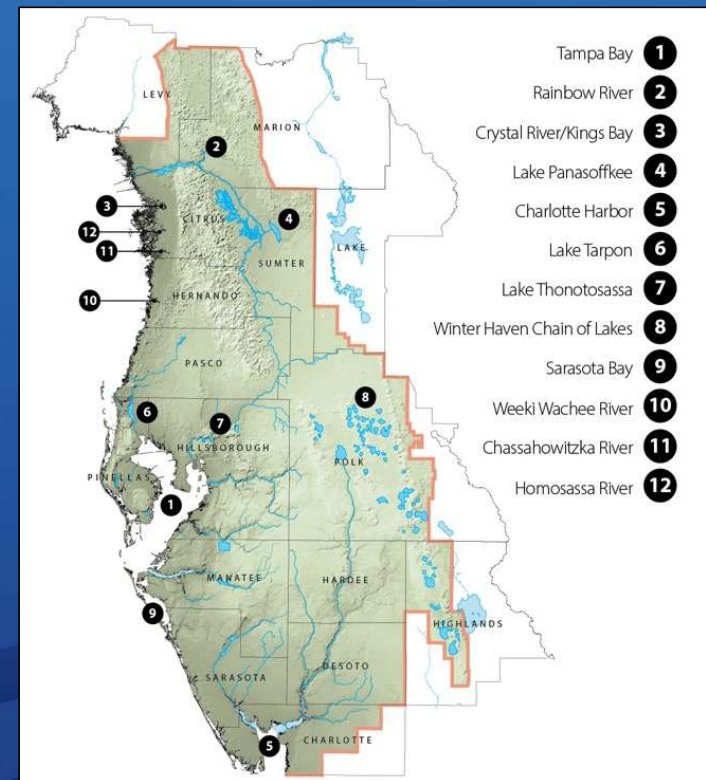
Springs Scientist

Natural Systems and Restoration

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SWIM Act 373.453, F.S.

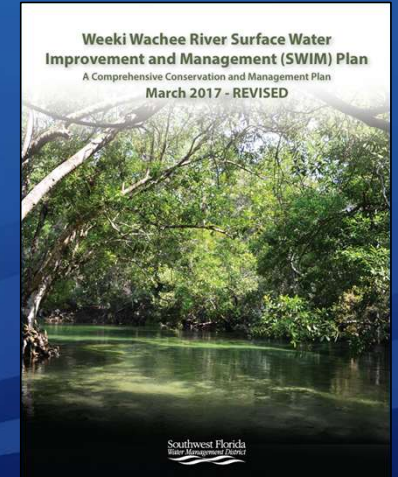
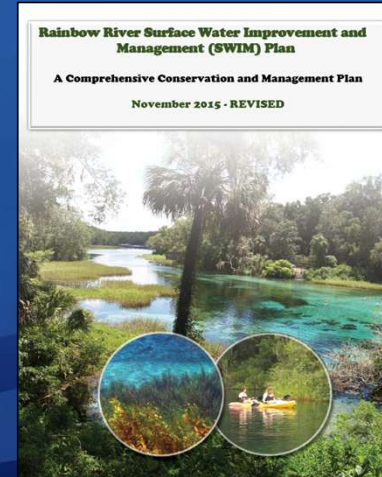
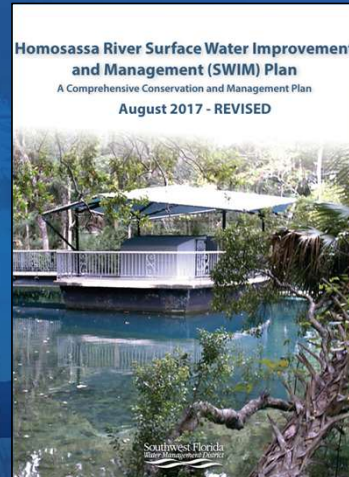
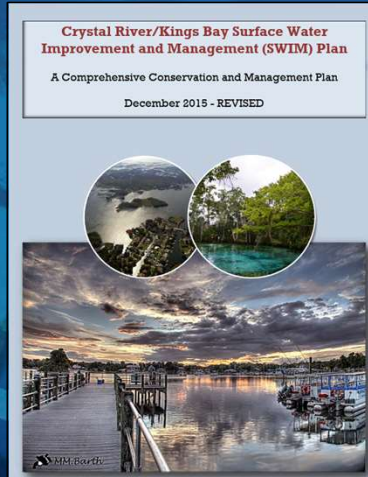
- Created by the Legislature in 1987
- Managed by the Water Management Districts
- Develop and maintain lists of priority surface waters
- Develop plans to protect and restore priority surface waters



SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

First-Magnitude Springs SWIM Plans

- Surface Water Improvement & Management (SWIM) Plans
 - Issues & Drivers
 - Management Actions (Quantifiable Objectives & Indicators)
 - Projects & Initiatives



Quantifiable Objectives & Indicators

WATER QUALITY



- Water clarity^
- Nitrate concentration*
- Total nitrogen concentration*
- Total phosphorus concentration*
- Chlorophyll concentration^*

WATER QUANTITY



- Minimum flows & levels (MFLs)

NATURAL SYSTEMS



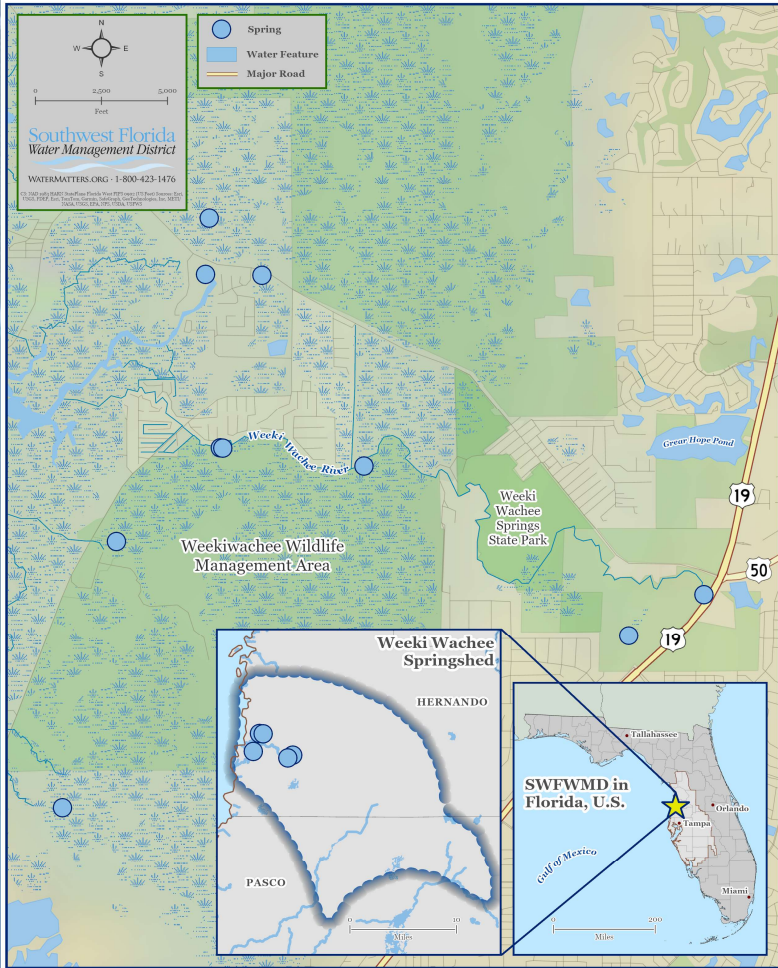
- Submerged aquatic vegetation (SAV)
- No net loss of shoreline*
- Shoreline enhancement*

^ denotes indicator status

* denotes not applicable to all systems

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SWFWMD: Weeki Wachee Springs



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Weeki Wachee River Indicators & Quantifiable Objectives

Indicators

	Water clarity	Threshold
	Near the headspring	115 ft
	Near the Estates	28 ft
	Near the Gardens	21ft

Quantifiable Objectives

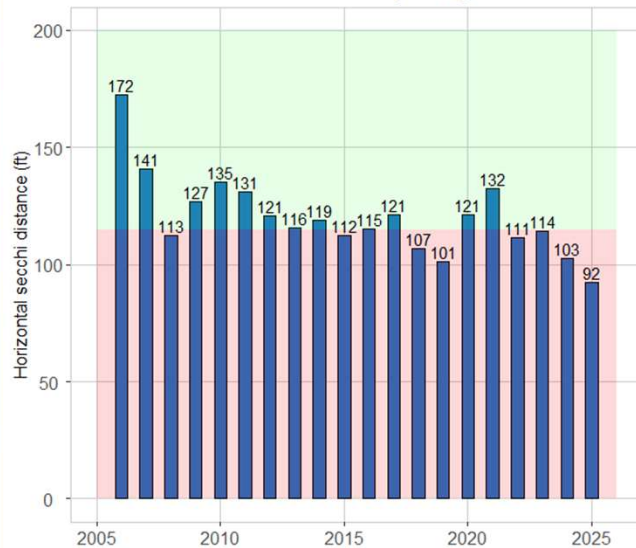
	Water quality	Target
	Nitrate concentration in the springs	< 0.20 mg/L
	Water quantity	
	Minimum flows for the springs and river	> 90% natural flow
	Natural systems	
 	Coverage of desirable submerged aquatic vegetation in the upper and lower portions of the river.	> 40%
 	Coverage of invasive aquatic vegetation (including filamentous algae) in the upper and lower portions of the river.	< 10%

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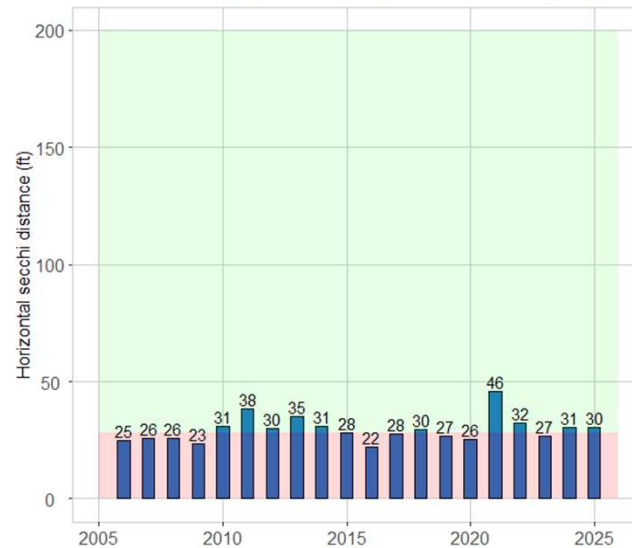
Weeki Wachee - Indicators Water Clarity



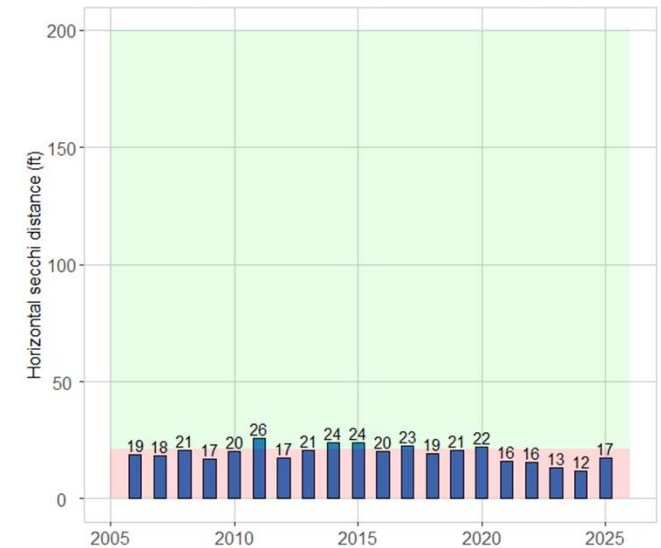
A. Average Water Clarity:
Near Headsprings



B. Average Water Clarity:
Near Weeki Wachee River Estates

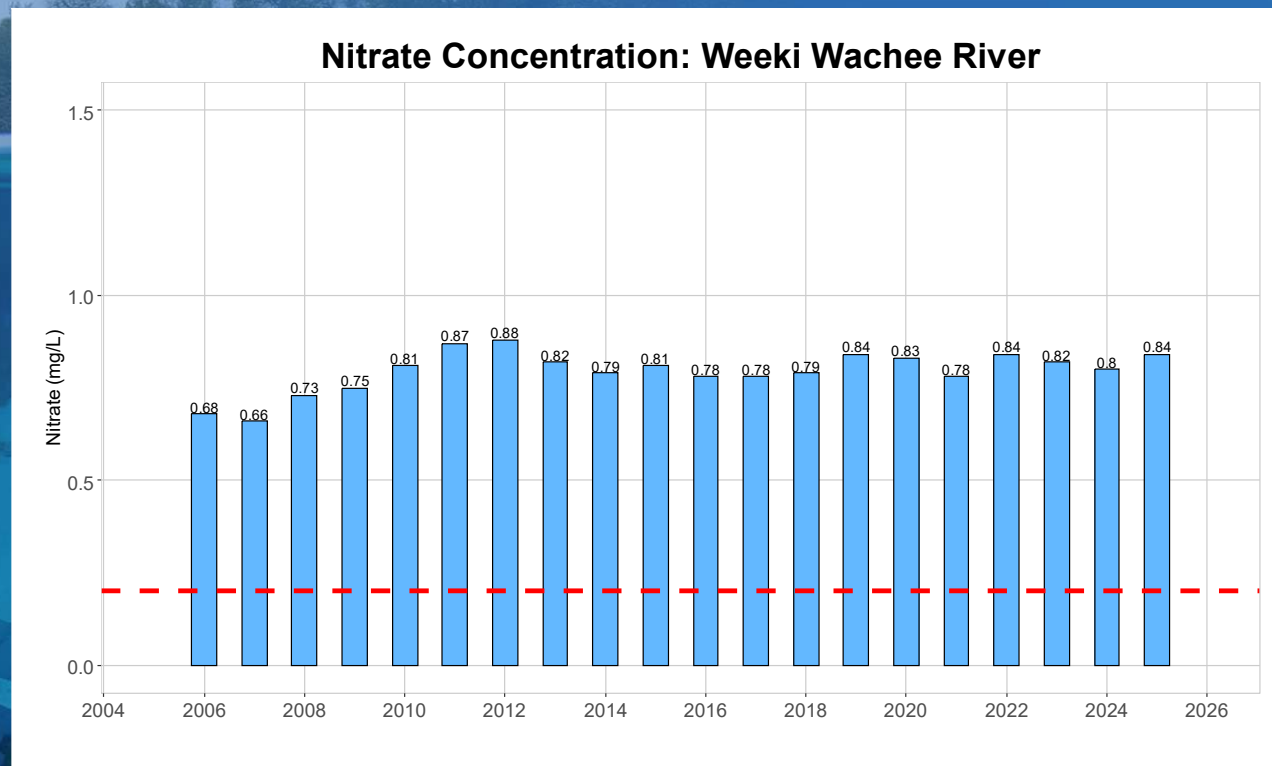


C. Average Water Clarity:
Near Weeki Wachee Gardens



Weeki Wachee – Quantifiable Objectives

Nitrate Concentration

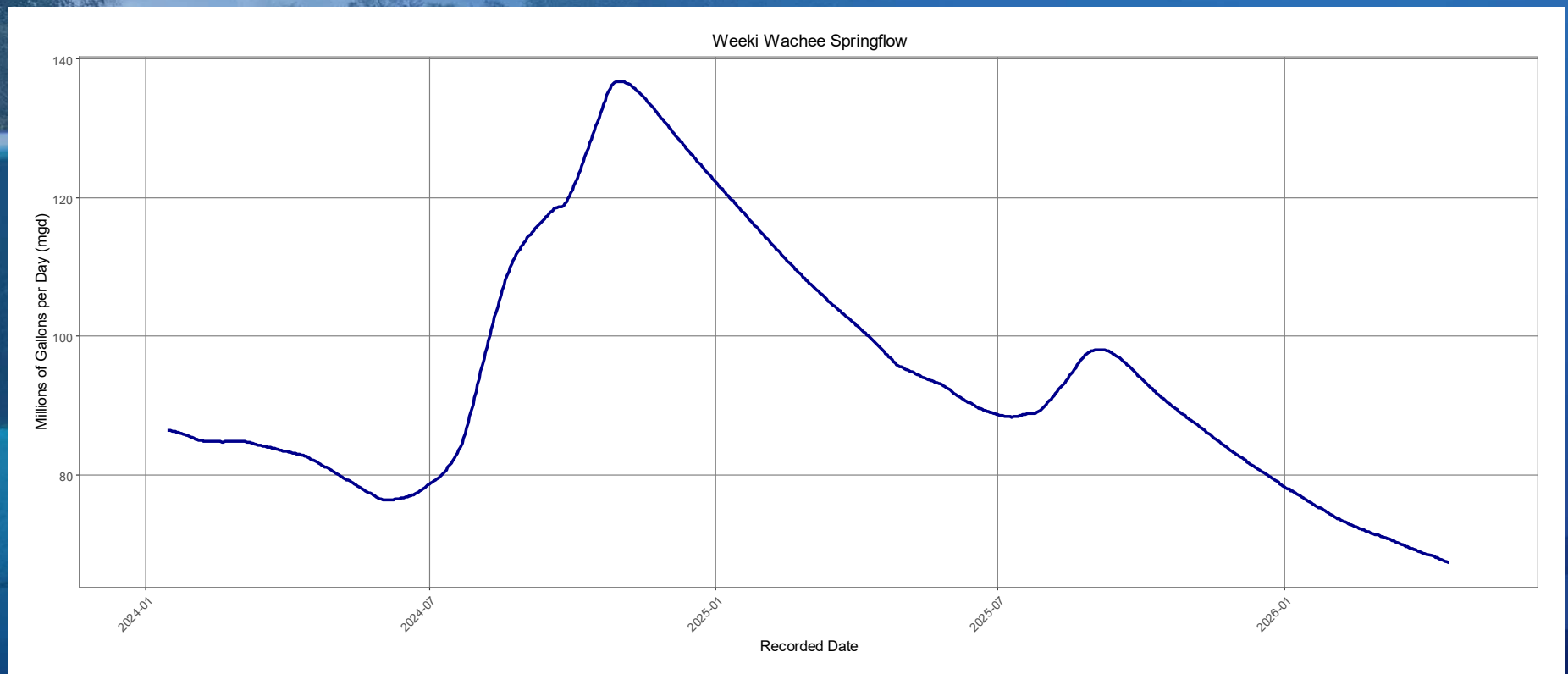


Weeki Wachee River – Quantifiable Objectives Flows

- Minimum Flow for the River: >90% Natural Flow
- MFL Status: Maintaining 93% Natural Flow

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Weeki Wachee River – Quantifiable Objectives Flow



Weeki Wachee River – Quantifiable Objectives

Desirable & Invasive Submerged Aquatic Vegetation (SAV)



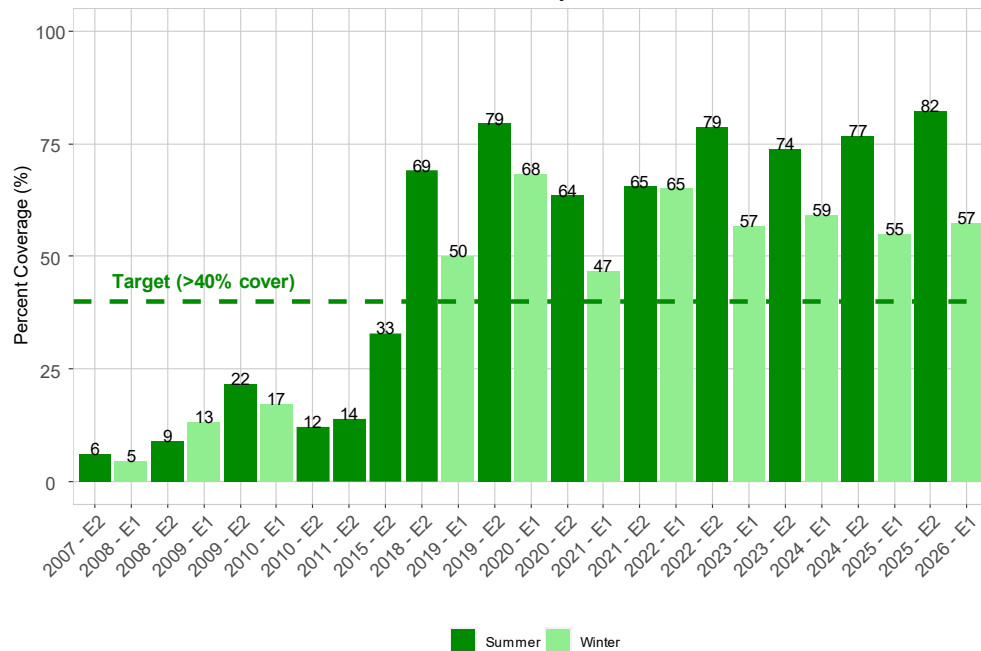
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Weeki Wachee River – Quantifiable Objectives

Desirable Submerged Aquatic Vegetation (SAV)

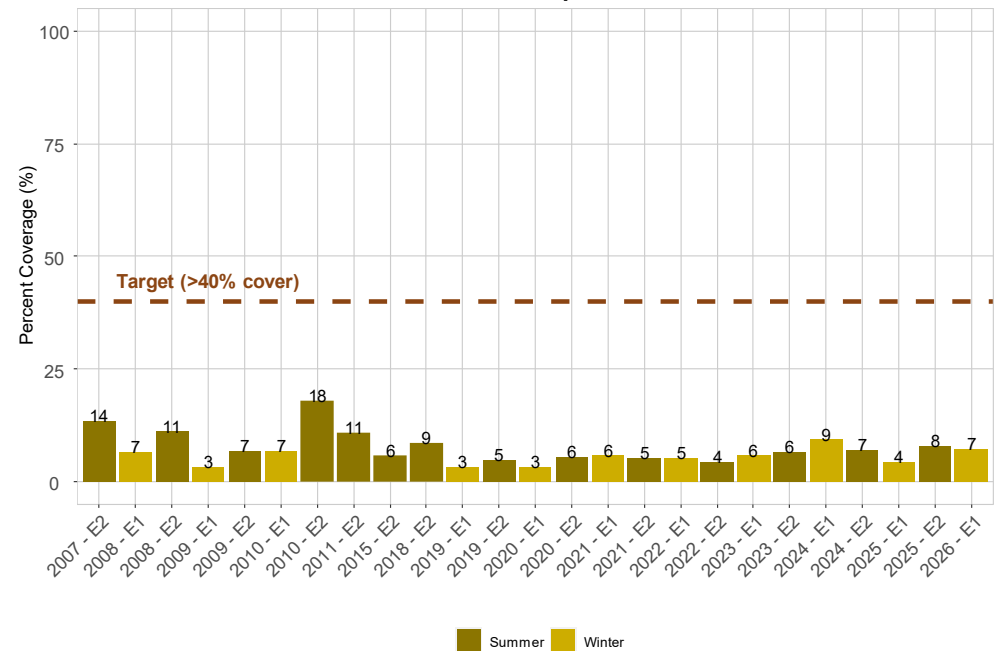
A.

Average SAV in the Upper River:
Desirable Species



B.

Average SAV in the Lower River:
Desirable Species



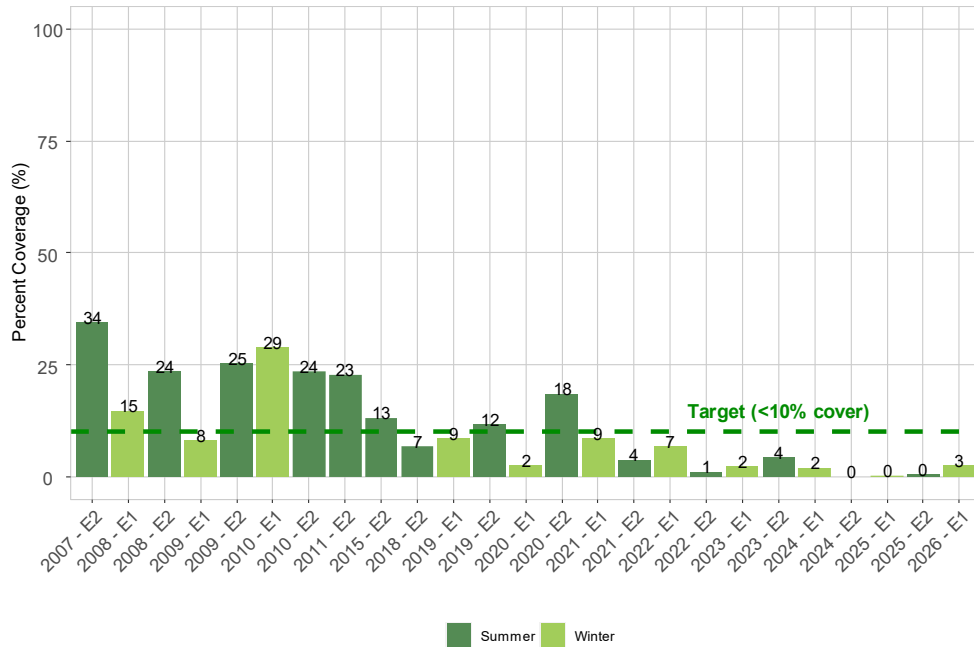
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Weeki Wachee River – Quantifiable Objectives

Desirable Submerged Aquatic Vegetation (SAV)

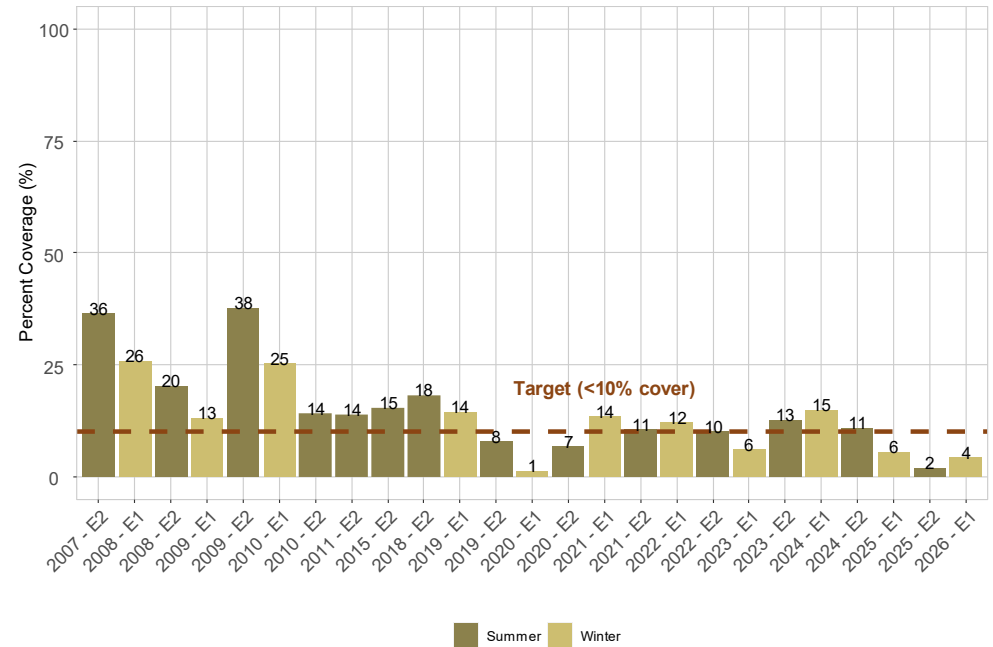
A.

Average SAV in the Upper River:
Invasive Species



B.

Average SAV in the Lower River:
Invasive Species



SWIM Plan Updates: Tentative Schedule

- 2027 – Reconvene Technical Working Group
- 2028 – Crystal River*
- 2029 – Chassahowitzka*
- 2030 – Homosassa*
- 2031 – Rainbow*
- 2032 – Weeki Wachee*

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

WaterMatters.org/springs



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Surface Water Improvement and Management
Natural Systems and Restoration Bureau

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