

Jacksonville Environmental Protection Board
Environmental Quality Division Water Branch Report
June 15, 2026

Water Committee Meeting

The Water Committee has not met recently but is scheduled to meet on June 22, 2026.

Personnel

There are two (2) vacancies in the Water Branch:

- one (1) Environmental Specialist position in the Hazardous Waste Small Quantity Generator Program
- one (1) Environmental Scientist Supervisor position in the Ambient Water Quality Monitoring Section

MyJax Service Requests

The following MyJax system service requests were completed by Water Branch staff in May 2026. Two-year data graphs are shown in Attachment A.

- Erosion – 1
- General Environmental Quality – 5
- Hazardous Material – 3
- Sewage – 9
- Stormwater – Grass & Leaves - 1
- Stormwater Discharge to MS4– 4
- Unusual Dead Fish – 0
- Water – 1
- Watering – 16
- Wells – 1

Compliance Activity

Water Branch staff performed the following investigations and inspections in May 2026. Two-year data graphs are shown in Attachment B.

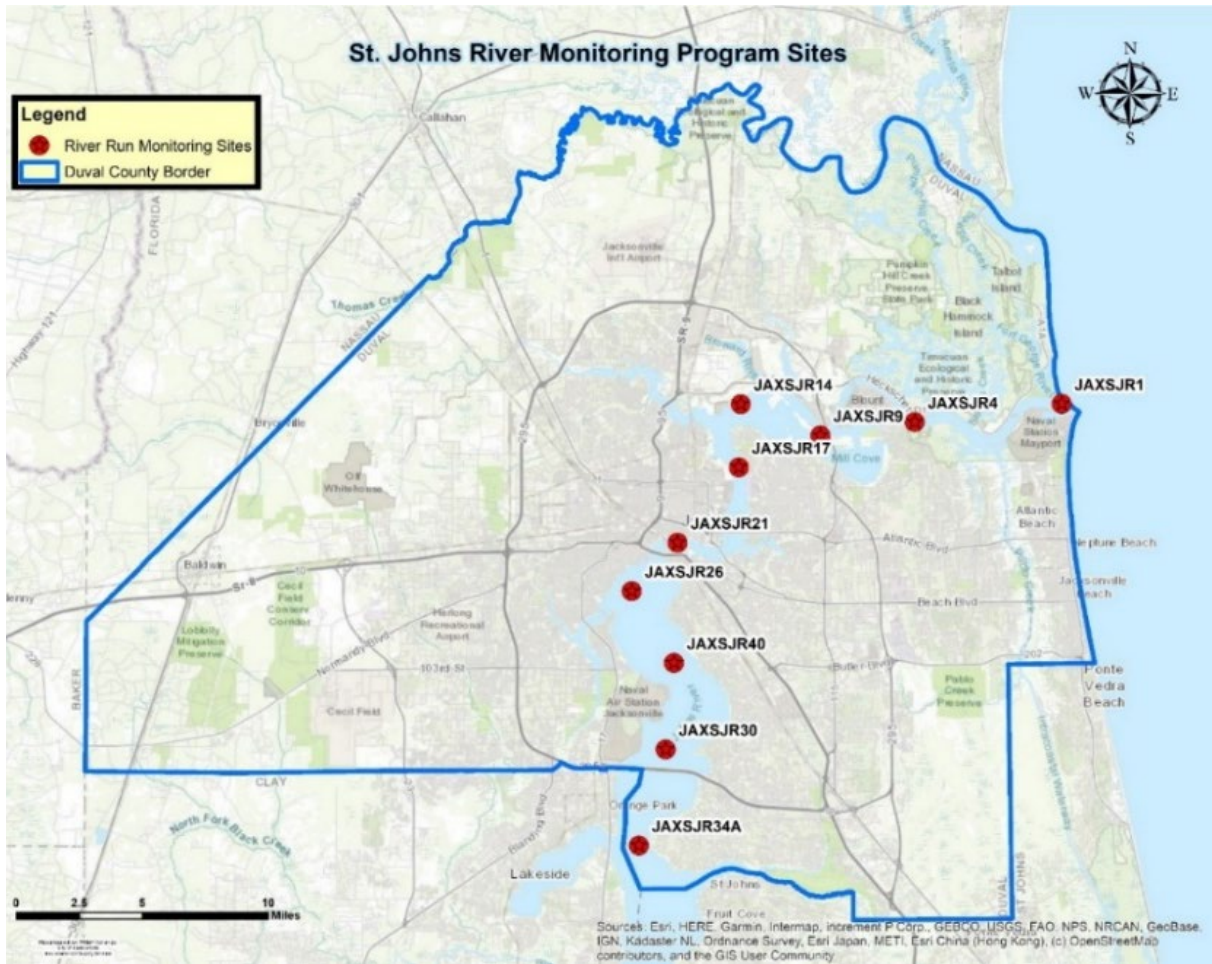
- Erosion and Sediment Control – 63
- Hazardous Materials Emergency Response & Investigation – 21
- Hazardous Waste Generator Inspections – 47
- MS4 High Risk Facility Inspections– 14
- MS4 Illicit Discharge Investigations – 9
- Pump Station Inspections– 15
- Well Construction Inspections– 9

Ambient Water Quality Monitoring (AWQM) Activity

The EQD ambient water quality monitoring (AWQM) activities facilitate surface water assessments by both FDEP and National Pollutant Discharge Elimination System co-permittees the cities of Jacksonville, Atlantic Beach, Neptune Beach, and the Florida Department of Transportation. EQD AWQM monitoring has evolved over the years to include various sampling projects (project types). There are 179 monitoring sites in the River Run, Timucuan, Routine Tributary Monitoring, Bacteria Pollution Control Plan, and Watershed Trend Monitoring, and special monitoring programs. The most currently available AWQM data for the River Run, Timucuan Run and Tributaries Monitoring Program follow.

River Run Ambient Water Quality Monitoring Stations

The River Run is a monthly sampling event at 10 stations in the mainstem of the St. Johns River. The goals of this program are to monitor water quality trends for nutrients and to provide information used to assist FDEP in establishing Total maximum Daily Loads (TMDLs) for the lower St. Johns River in Duval County.



The analytical results for the most recent River Run are presented below. Two-year data graphs are shown in Attachment C.

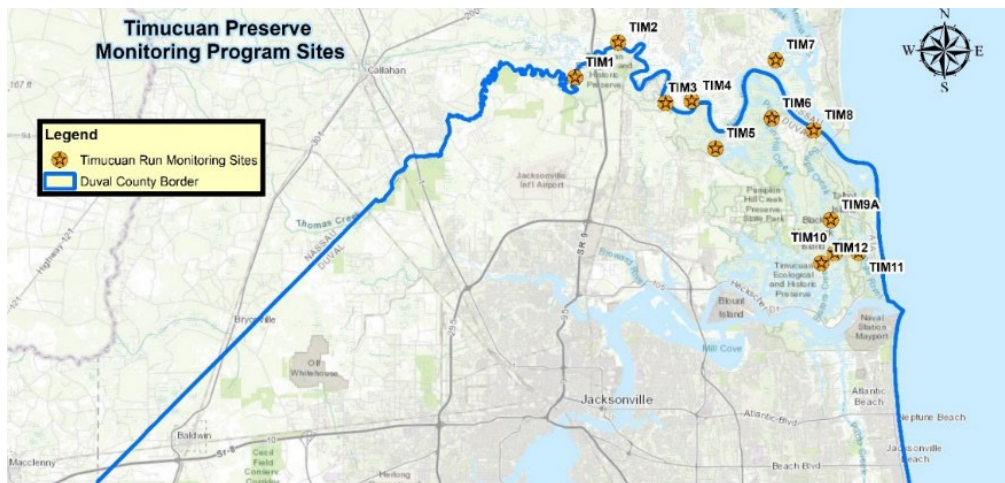
April 14, 2026					
SITE	Nitrate/Nitrite as N (N-N)	Total Kjeldahl Nitrogen (TKN)	Total Nitrogen	Orthophosphate (o-P)	Total Phosphorus (TP)
JaxSJR1	0.032	0.635	0.667	0.026	0.084
JaxSJR4	0.075	0.551	0.626	0.041	0.072
JaxSJR9	0.133	0.649	0.782	0.038	0.080
JaxSJR14	0.165	0.578	0.743	0.044	0.082
JaxSJR17	0.165	0.524	0.689	0.020	0.083
JaxSJR21	0.191	0.496	0.687	0.038	0.064
JaxSJR26	0.214	0.686	0.900	0.219	0.076
JaxSJR40	0.216	0.689	0.905	0.023	0.065
JaxSJR30	0.270	0.681	0.951	0.044	0.142
JaxSJR34A	0.193	0.615	0.808	0.029	0.079
JaxSJR40	0.032	0.635	0.667	0.026	0.084

all results are in mg/L

Timucuan Monitoring Sites

The Timucuan Monitoring Program began in March 1997 as a cooperative effort between the City of Jacksonville and the National Park Service (NPS). The purpose of this effort is to collect water quality data for the surface waters in and adjacent to the Timucuan Ecological and Historic Preserve.

The parameters measured are the same as for the River Run. Twelve (12) sampling locations are monitored six (6) times per year.



The analytical results for the most recent Timucuan sampling run on April 29, 2026, are presented below.

SITE	Nitrate/Nitrite as N (N-N)	Total Kjeldahl Nitrogen (TKN)	Total Nitrogen (TN)	Orthophosphate (o-P)	Total Phosphorus (TP)
TIM1	0.014	0.945	0.959	0.036	0.109
TIM2	0.014	0.89	0.904	0.026	0.102
TIM3	0.013	0.771	0.784	0.0110	0.128
TIM4	0.012	0.781	0.793	0.0110	0.106
TIM5	0.012	0.937	0.949	0.0110	0.167
TIM6	0.012	0.881	0.893	0.0110	0.102
TIM7	0.013	0.787	0.800	0.0110	0.094
TIM8	0.012	0.728	0.740	0.0110	0.113
TIM9A	0.013	0.768	0.781	0.0110	0.101
TIM10	0.012	0.636	0.648	0.0110	0.083
TIM11	0.012	0.678	0.690	0.0110	0.066
TIM12	0.015	0.666	0.681	0.0110	0.057

Tributaries Monitoring

There are over 100 EQD AWQM tributaries monitoring sites. The two primary water quality parameters for tributary monitoring sites are dissolved oxygen and fecal coliform bacteria. The FDEP surface water quality standards for bacteria are:

- freshwater: *E. coli* – 410 MPN/100ml (follow-up source tracking investigation required for results >10,000)
- saltwater: *Enterococci* – 130 MPN/100ml

Ambient Water Quality Monitoring Project Types

BMAP1	Basin Management Action Plan I	Initial (2009) 10 tributaries based on a ranking method for severity of bacterial contamination
BMAP2	Basin Management Action Plan II	15 tributaries added (2010) based on a ranking method for severity of bacterial contamination
BPCP1	Bacteria Pollution Control Plan - Ribault River	Coordinated multi-stakeholder/multi-program efforts to reduce fecal indicator bacteria
BPCP2	Bacteria Pollution Control Plan - Strawberry Creek	Coordinated multi-stakeholder/multi-program efforts to reduce fecal indicator bacteria
	Follow-up	Source tracking investigations to seek a specific source as a result of a high monitoring result
	Groundworks Jax	Collaboration in support of Groundworks Jacksonville monitoring in Hogan Creek
INV	Investigation	Follow-up investigation based on extreme exceedance during monitoring for routine project types
MCC	McCoy Creek Study	Includes TRIB sites and Emerald Necklace study
TRIB	Tributary Monitoring	Long-standing tributary monitoring (since 1970s)
TRIB INT	Tributary Intensive Monitoring Program	Additional monitoring in BMAP tributaries
WTM	Watershed Trend Monitoring	Document trends in pollutant loadings for specific watersheds or outfalls.

The most recent tributary bacteria monitoring data are shown below. All results are in MPN/100mL.

Site ID	Project Type	Date	Results	Analyte	Waterbody Name
BP65	Routine	5/19/2026	2014	E. coli	Bennett Branch
JC441	Routine	5/7/2026	228	E. coli	Big Davis Creek
CR139	Routine	5/14/2026	546	Enterococci	Big Fishweir
BP64	Routine	5/19/2026	613	E. coli	Big Pottsburg Creek
CR427	Routine	5/5/2026	857	E. coli	Cedar Creek
PC8	Routine	5/19/2026	465	E. coli	Cedar Swamp Creek
ARL18	Routine	5/11/2026	30	E. coli	Cowhead Creek
DBHARTE	Routine	5/4/2026	10	E. coli	Deep Bottom Creek
DR1	Routine	5/11/2026	256	Enterococci	Deer Creek
DR2	Routine	5/12/2026	12033	E. coli	Deer Creek
DR2	Follow-up	5/14/2026	158	E. coli	Deer Creek
DR2N	Follow-up	5/14/2026	52	E. coli	Deer Creek
DC144	Routine	5/26/2026	31	Enterococci	Dunn Creek
DC6	Routine	5/26/2026	246	Enterococci	Dunn Creek
DUC2	Routine	5/7/2026	75	E. coli	Durbin Creek
DUC4	Routine	5/7/2026	10	E. coli	Durbin Creek

Site ID	Project Type	Date	Results	Analyte	Waterbody Name
TRGOLF	Routine	5/6/2026	2755	E. coli	East Branch
ARL15	Routine	5/11/2026	794	E. coli	Ginhouse Creek
GC1	Routine	5/19/2026	187	E. coli	Greenfield Creek
HC2A	Routine	5/12/2026	8664	E. coli	Hogan Creek
HC3	Routine	5/12/2026	5475	E. coli	Hogan Creek
HC1A	Routine	5/27/2026	108	E. coli	Hogan Creek
COAB1	Routine	5/28/2026	146	Enterococci	Hopkins Creek
IWWH	Routine	5/28/2026	51	Enterococci	Hopkins Creek
ARL11	Routine	5/11/2026	1211	E. coli	Jones Creek
JC3	Routine	5/7/2026	1376	E. coli	Julington Creek
JC339	Routine	5/7/2026	410	E. coli	Julington Creek
CR6	Routine	5/12/2026	>24196	E. coli	Little Fishweir Creek
Boone Park Av	Follow-up	5/14/2026	884	E. coli	Little Fishweir Creek
CR6	Follow-up	5/14/2026	1236	Enterococci	Little Fishweir Creek
Hershel St	Follow-up	5/14/2026	1860	E. coli	Little Fishweir Creek
Oak St	Follow-up	5/14/2026	2603	E. coli	Little Fishweir Creek
St. Johns Av	Follow-up	5/14/2026	1145	Enterococci	Little Fishweir Creek
Walsh St	Follow-up	5/14/2026	959	E. coli	Little Fishweir Creek
LP3	Routine	5/11/2026	512	Enterococci	Little Pottsburg Creek
TR314	Routine	5/5/2026	512	E. coli	Little Sixmile Creek
SS20	Routine	5/4/2026	2909	Enterococci	Mandarin Drain
MC1	Routine	5/13/2026	1081	E. coli	McCoy Creek
MC10	Routine	5/13/2026	2909	Enterococci	McCoy Creek
MC11	Routine	5/13/2026	1723	E. coli	McCoy Creek
MC12	Routine	5/13/2026	2247	E. coli	McCoy Creek
MC14	Routine	5/13/2026	1439	E. coli	McCoy Creek
MC15	Routine	5/13/2026	767	E. coli	McCoy Creek
OR13	Routine	5/20/2026	1607	E. coli	McGirts Creek
OR344	Routine	5/20/2026	97	E. coli	McGirts Creek
OR346	Routine	5/20/2026	75	E. coli	McGirts Creek
TR114	Routine	5/6/2026	909	E. coli	Moncrief Creek
TR210	Routine	5/6/2026	2481	E. coli	Moncrief Creek
TR316	Routine	5/6/2026	3448	E. coli	Moncrief Creek
TRDOWN	Routine	5/6/2026	122	E. coli	Moncrief Creek
TRUP	Routine	5/6/2026	605	E. coli	Moncrief Creek
GC4	Routine	5/18/2026	41	Enterococci	Mount Pleasant Creek
OR434	Routine	5/20/2026	213	Enterococci	Ortega River
SC1	Routine	5/18/2026	292	Enterococci	Puckett Creek
COAB2	Routine	5/27/2026	2613	Enterococci	Puckett Creek
COAB3	Routine	5/27/2026	3873	E. coli	Puckett Creek

Site ID	Project Type	Date	Results	Analyte	Waterbody Name
ARL3	Routine	5/28/2026	1259	E. coli	Red Bay Branch
Behind 6147 Pettiford Dr	Follow-up	5/4/2026	425	E. coli	Ribault River
Culvert North	Follow-up	5/4/2026	4884	E. coli	Ribault River
Culvert South	Follow-up	5/4/2026	2489	E. coli	Ribault River
Francis Rd	Follow-up	5/4/2026	41	E. coli	Ribault River
Inlet Behind 6166 Ramer Ct	Follow-up	5/4/2026	4352	E. coli	Ribault River
WTW4	Follow-up	5/4/2026	4106	E. coli	Ribault River
DC8	Routine	5/26/2026	1153	Enterococci	Rushing Branch
IWW2	Routine	5/18/2026	10	Enterococci	Sherman Creek
SC3	Routine	5/18/2026	183	Enterococci	Sherman Creek
COAB11	Routine	5/27/2026	30	Enterococci	Sherman Creek
COAB4LS	Routine	5/27/2026	487	Enterococci	Sherman Creek
COAB10	Routine	5/28/2026	670	E. coli	Sherman Creek
COAB12	Routine	5/28/2026	73	Enterococci	Sherman Creek
SS17	Routine	5/4/2026	85	Enterococci	South Creek
ARL325	Routine	5/28/2026	275	E. coli	Strawberry Creek
SS19	Routine	5/4/2026	373	Enterococci	Tacito Creek
DC5	Routine	5/26/2026	199	Enterococci	Terrapin Creek
DC7	Routine	5/26/2026	624	E. coli	Terrapin Creek
TREE10	Routine	5/5/2026	228	Enterococci	Trout River
CR84	Routine	5/5/2026	98	Enterococci	Williamson Creek
CR3A	Routine	5/12/2026	3873	E. coli	Willow Branch
CR21	Routine	5/5/2026	591	E. coli	Wills Branch

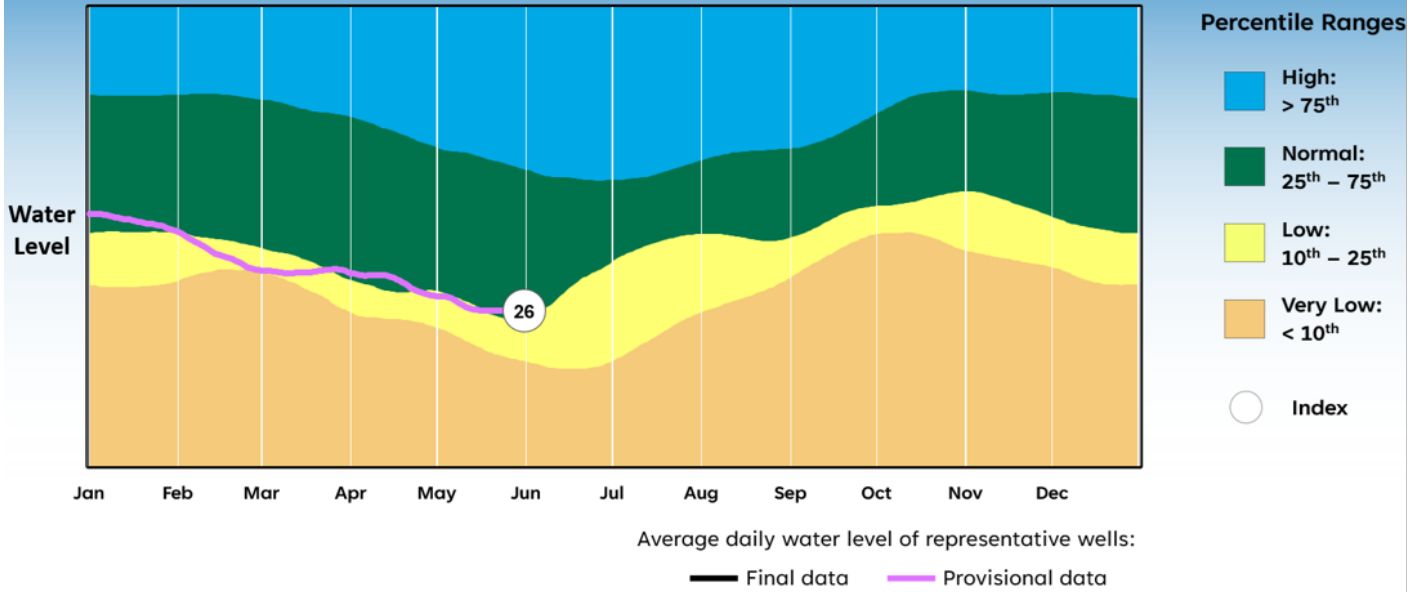
Supplemental Hydrogeological Data

The St. Johns River Water Management District (SJRWMD) Hydrologic Conditions Report which is prepared monthly by SJRWMD staff and presented to the SJRWMD Board includes a graphical display of the Upper Floridan Aquifer Well Index. Aquifer level measurements are evaluated using a monthly statistical framework based on percentiles of the monthly medians compiled over a period of record of many years for all of the monitoring wells used in the assessment.

The slide below shows the Upper Floridan Aquifer Well Index for the month ending May 2026. The percentile value shown in the white “index” circle, the black line tracking the “final data” and the purple line tracking the “provisional data” is on a scale of 0 to 100 indicates the percentage with respect to the data over the period of record. For example, the value 27 in the white circle below denotes that the aquifer index for May 2026 was higher than 27% of the aquifer indices for all of the months of May in previously recorded years.

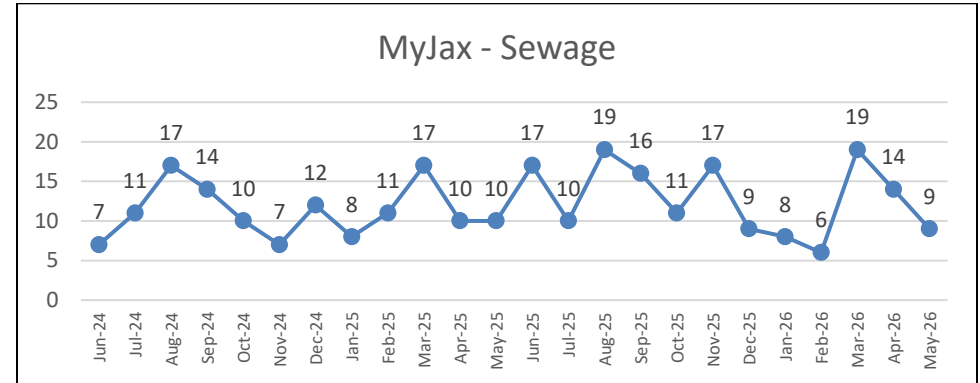
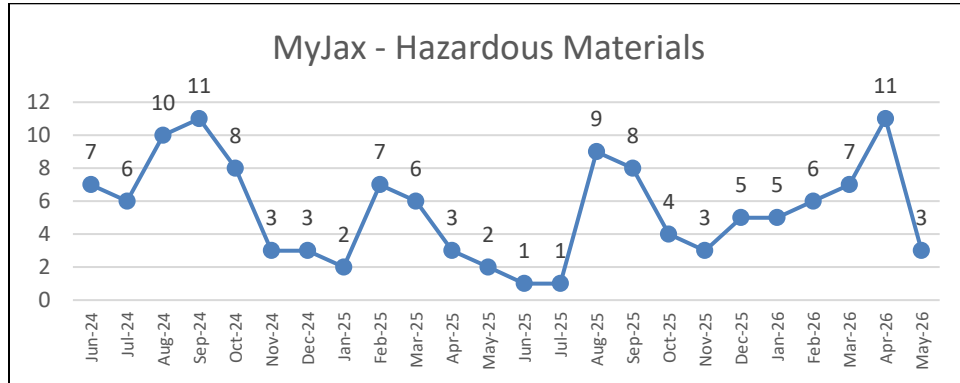
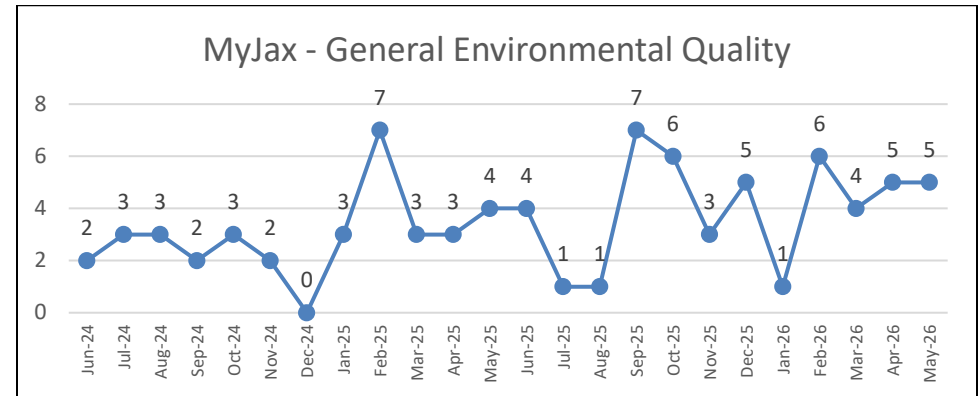
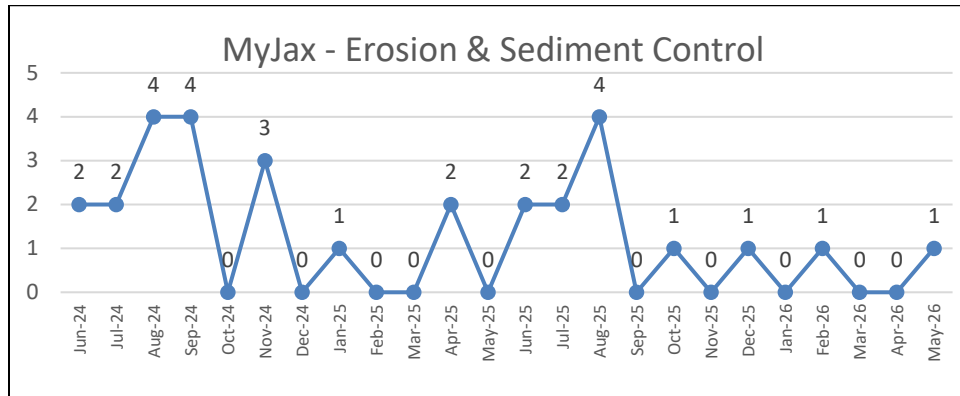
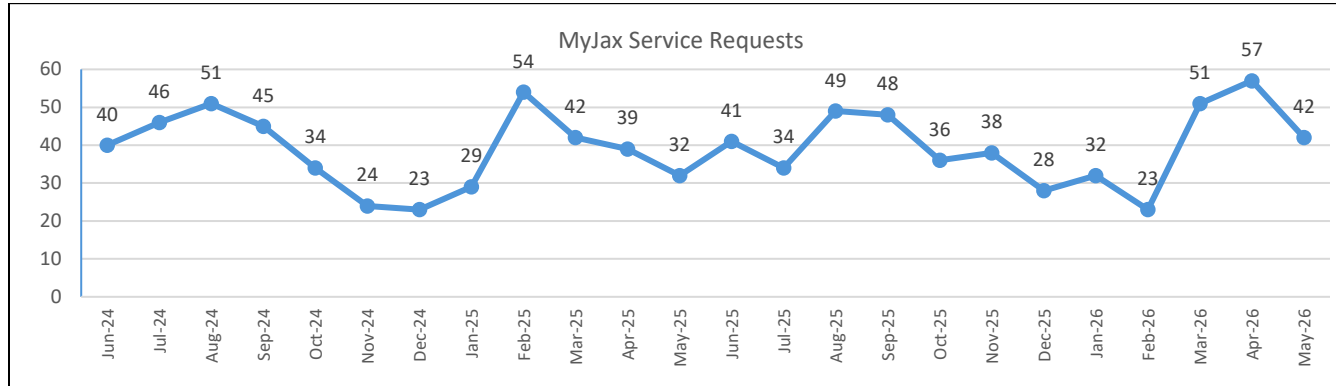
- A percentile greater than 75 is considered high (blue field).
- A percentile between 25 and 75 is considered normal (green field).
- A percentile between 10 and 25 is considered low (yellow field).
- A percentile less than 10 is considered very low (orange field).

Upper Floridan Aquifer Well Index



ATTACHMENT A

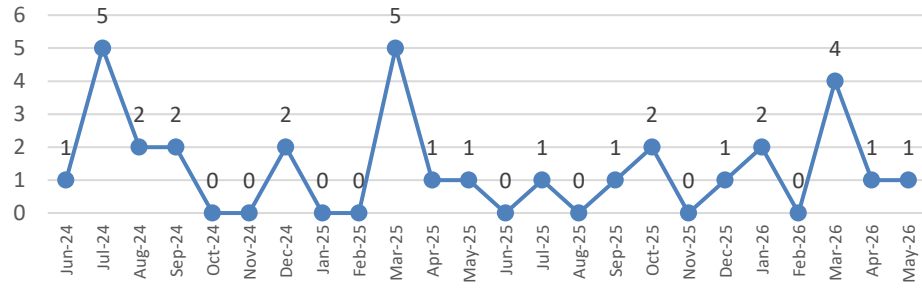
Water Branch MyJax Service Requests for the Two-Year Period Ending May 2026



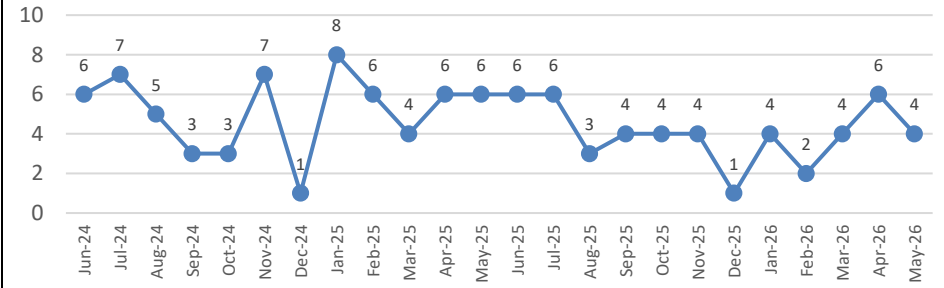
ATTACHMENT A - continued

Water Branch MyJax Service Requests for the Two-Year Period Ending May 2026

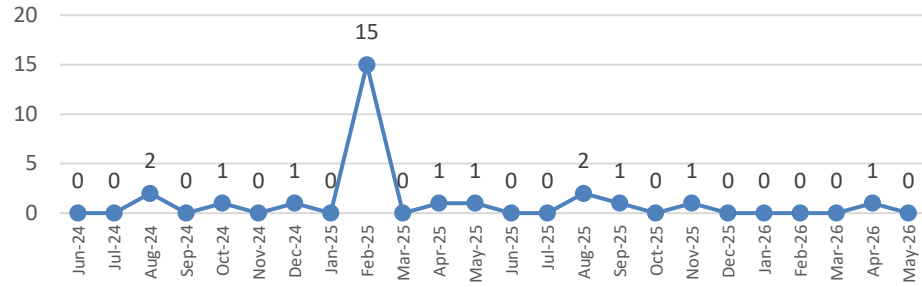
MyJax Stormwater - Grass & Leaves



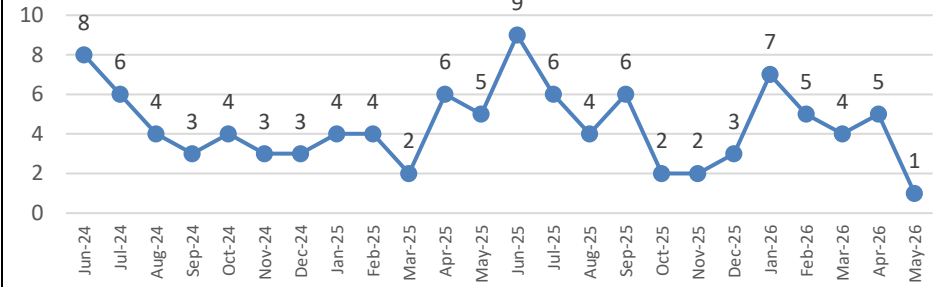
MyJax Stormwater - Discharge to MS4



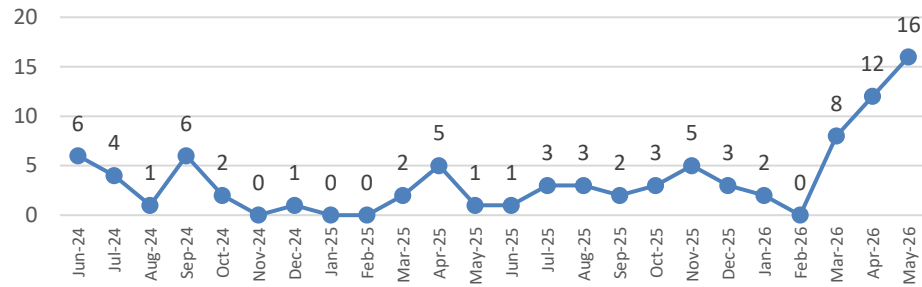
MyJax - Unusual Dead Fish



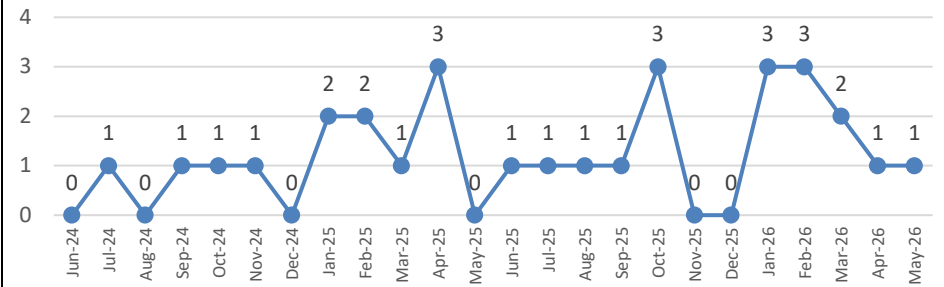
MyJax - Water Pollution



MyJax - Watering

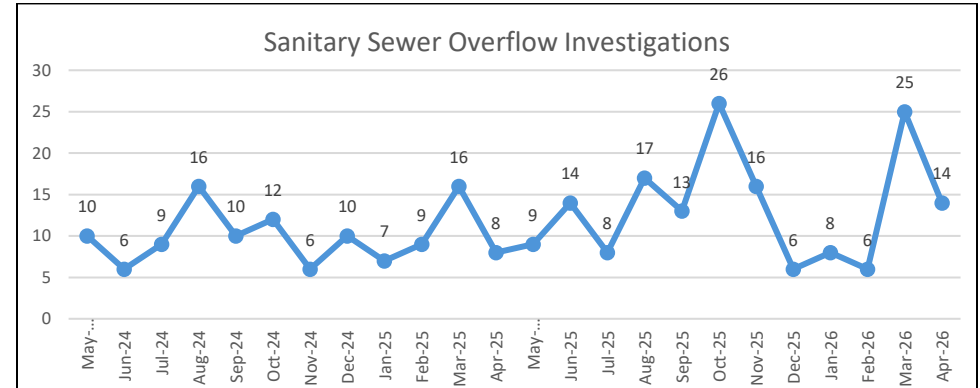
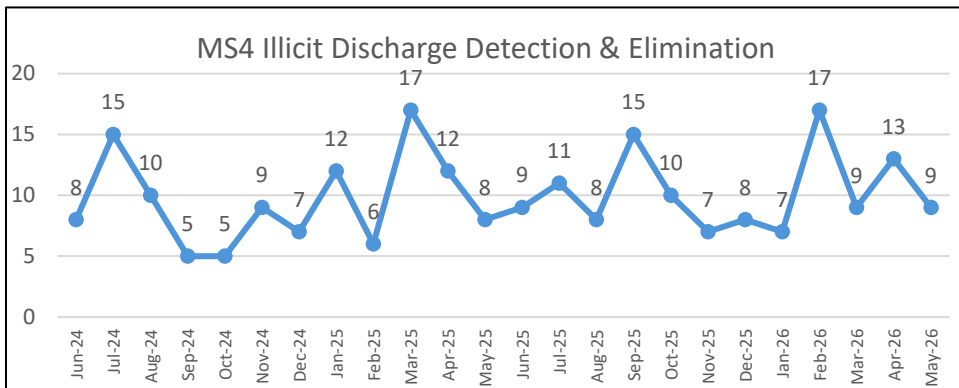
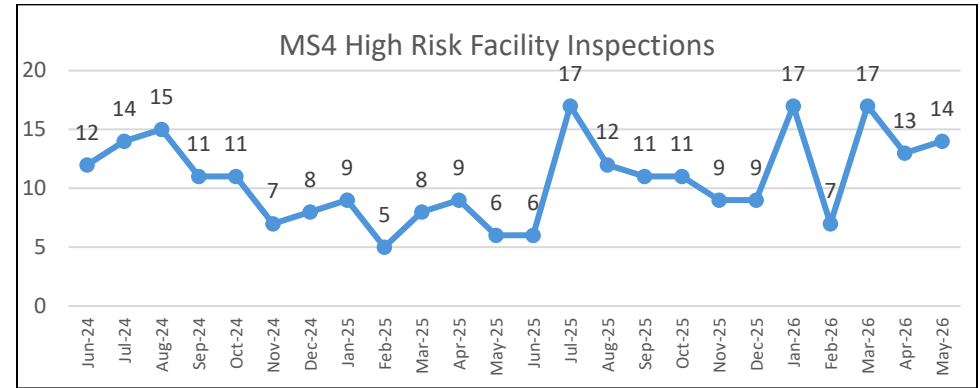
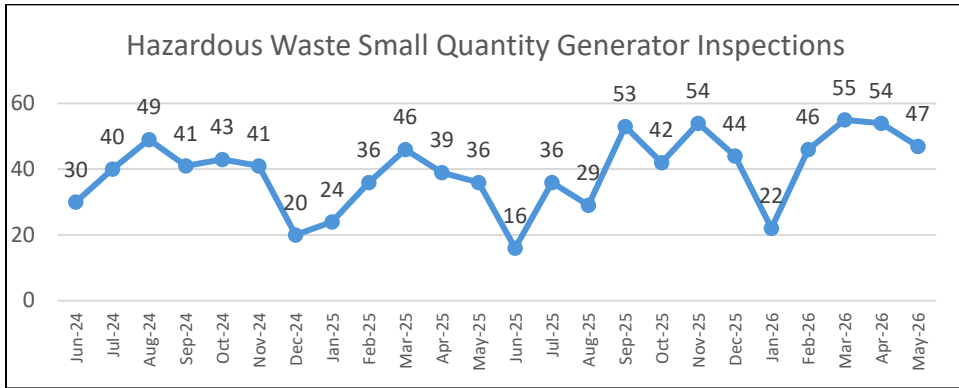
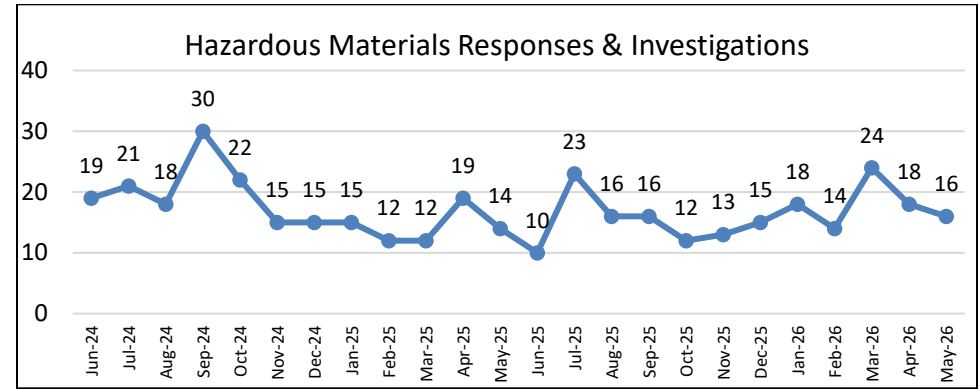
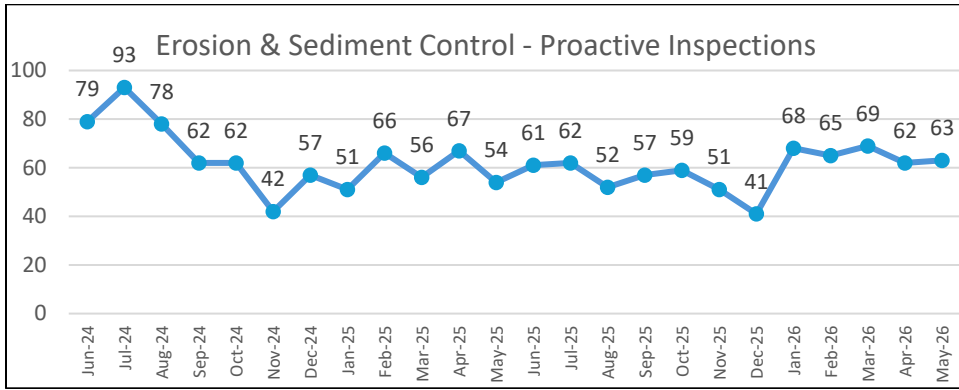


MyJax - Wells



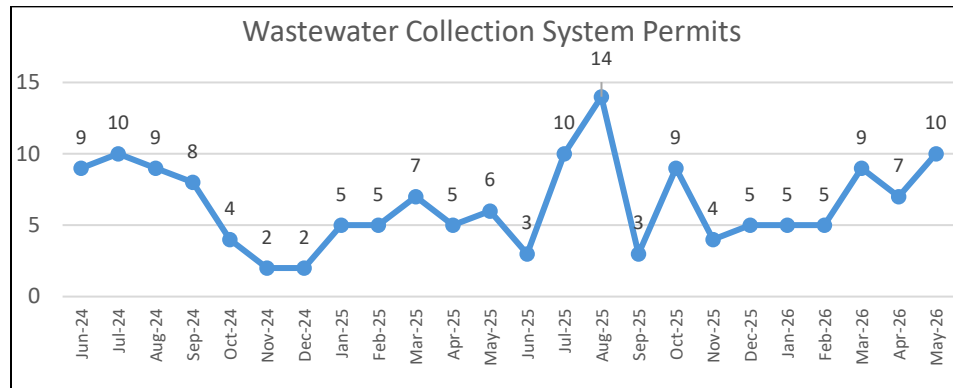
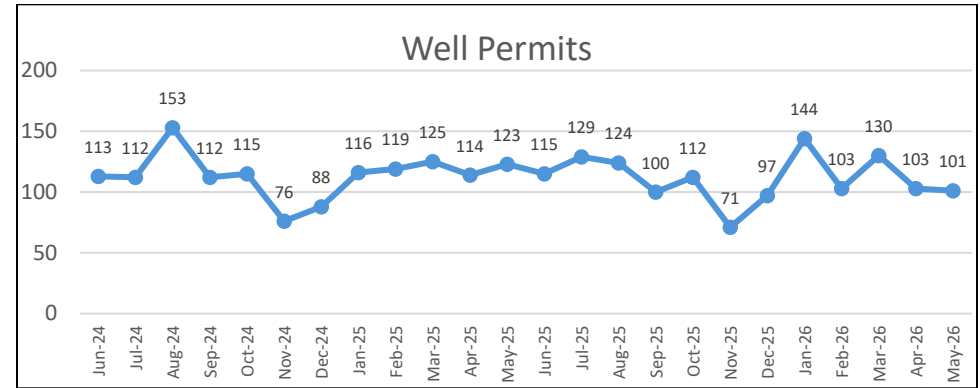
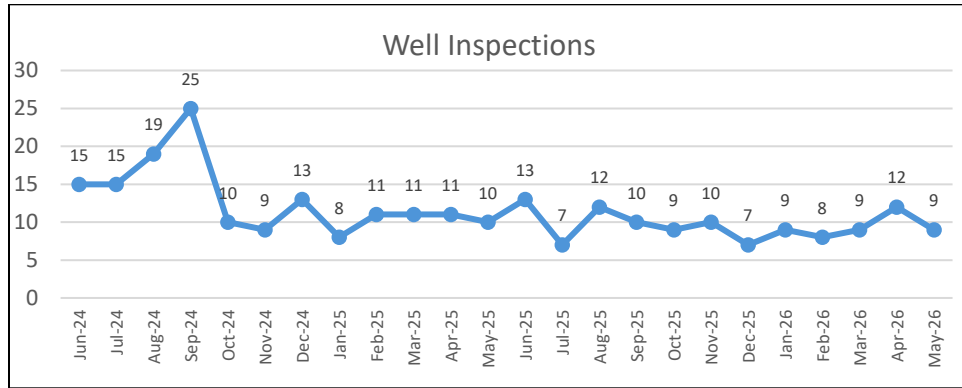
ATTACHMENT B

Water Branch Compliance & Permitting Activity for the Two-Year Period Ending May 2026



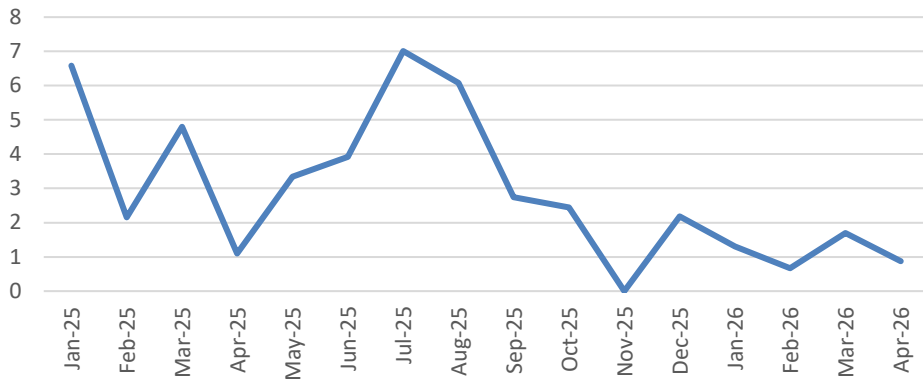
ATTACHMENT B - continued

Water Branch Compliance Activity for the Two-Year Period Ending May 2026

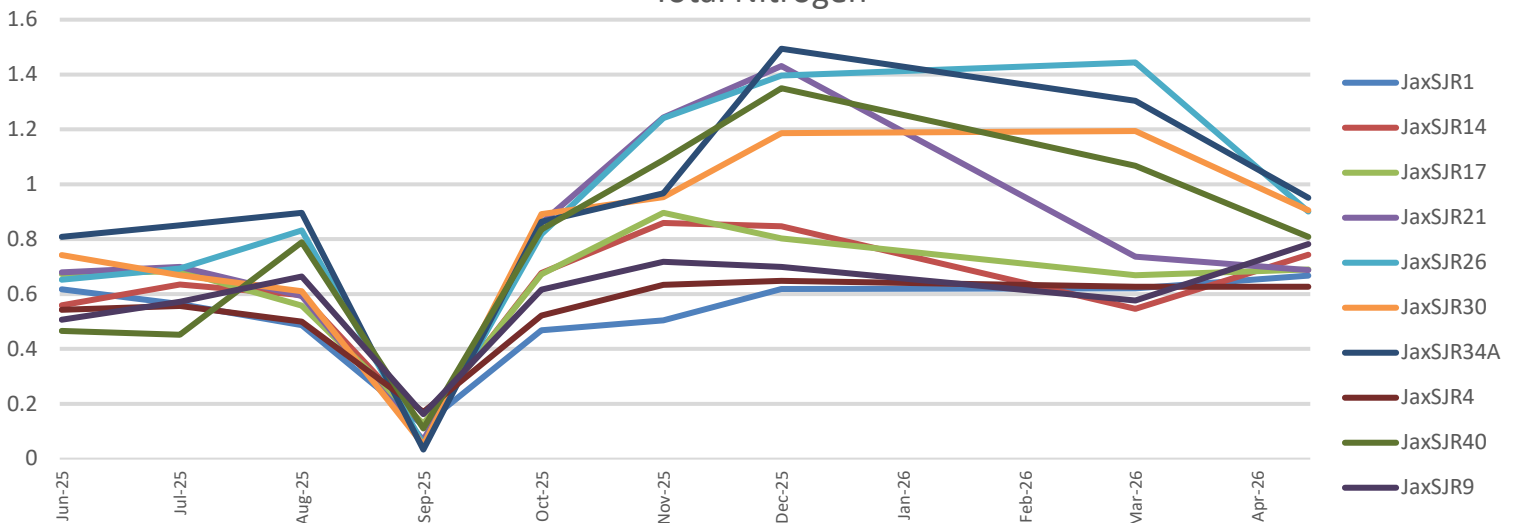


St Johns River Total Nitrogen and Total Phosphorous Concentrations for the Two-Year Period Ending April 2026

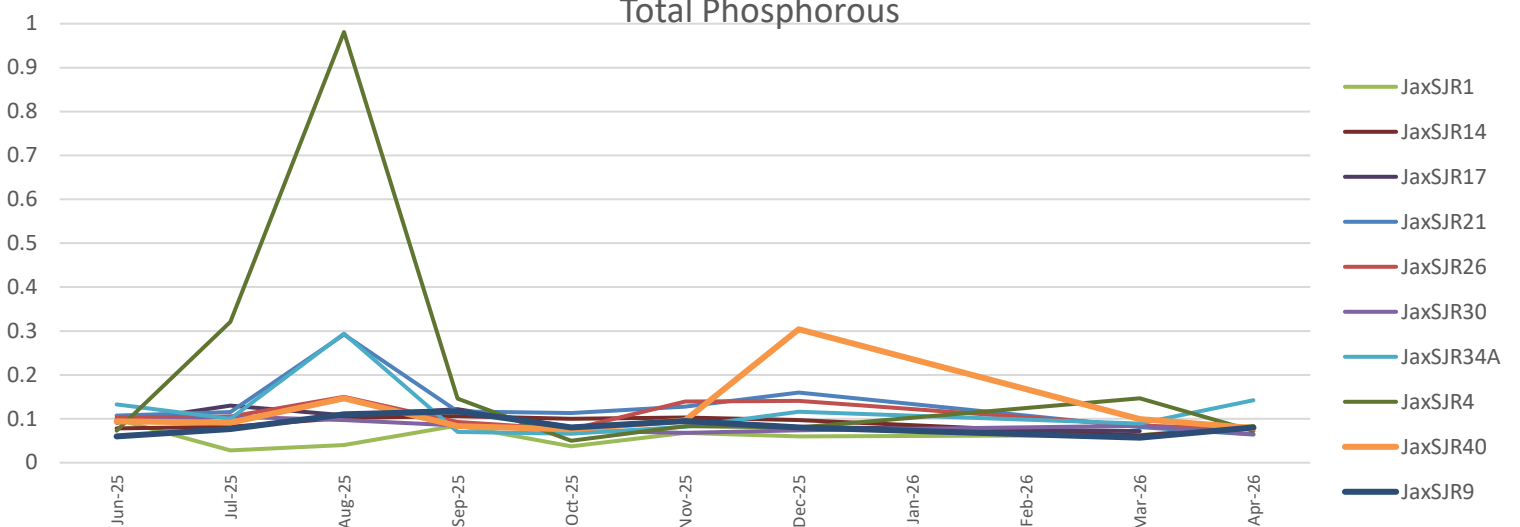
Monthly Rainfall (inches)



Total Nitrogen



Total Phosphorous



**ENVIRONMENTAL PROTECTION BOARD
JUNE WATER COMMITTEE MEETING
GROUNDWATER RESOURCE MANAGEMENT SECTION REPORT
MAY 2026 DATA**

Total Number of Wells Permitted:	<u>189</u>
• Abandonment/Plugging	102 (54%)
• Domestic	43 (23%)
• Irrigation	20 (10%)
• Monitoring/Remediation	23 (12%)
• Modification	1 (1%)

Total Number of Irrigation Wells Permitted:	<u>20</u>
• Surficial Aquifer System:	5 (25%)
• Intermediate Aquifer System-Hawthorn:	2 (10%)
• Floridan Aquifer System:	13 (65%)

Total Number of Domestic Potable & Public Supply Wells Permitted:	<u>43</u>
• Surficial Aquifer System:	30 (70%)
• Intermediate Aquifer System-Hawthorn:	9 (21%)
• Floridan Aquifer System:	4 (9%)

EQD Scorecard Data for FY 2026

Percentage of well permits issued within 5 working days for May: 94% average: 1 day

Well Related Complaints/Responses (Leaking, Damaged Wells): **2**

Irrigation/Watering Related Complaint Investigations: **10**

Irrigation/Watering Tickets Issued: **0**

Irrigation/Watering Related Information Requested: **7**

SJRWMD Floridan Aquifer Report May

Water levels in the Upper Floridan Aquifer Well Index rank at 26%.

SJRWMD Rainfall Summary Hydrologic Conditions Report May

Jacksonville received 5.08 inches of rainfall. The average rainfall is 3.16 inches.

Note: A recent order enacted by the St. Johns River Water Management District(SJRWMD) has stated that “All residential landscape irrigation is limited to one day a week in accordance with the schedule outlined in subparagraph 40C-2.042(2)(a)2., F.A.C., (Eastern Standard Time one-day a week irrigation schedule), regardless of the time of year.”

EQD Domestic and Public Supply Well Monitoring Monthly Totals per Fiscal Year - June 2026

Fiscal Year 2025-2026								Fiscal Year 2025-2026							
Month	Total Number of	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System			Month	Total Number of Public	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System		
		SAS	IAS	FAS	SAS	IAS	FAS			SAS	IAS	FAS	SAS	IAS	FAS
October	41	24	11	6	59%	27%	15%	October	0	0	0	0	0%	0%	0%
November	34	14	15	5	41%	44%	15%	November	1	0	0	1	0%	0%	100%
December	49	22	24	3	45%	49%	6%	December	1	0	1	0	0%	100%	0%
January	50	25	23	2	50%	46%	4%	January	0	0	0	0	0%	0%	0%
February	50	28	14	8	56%	28%	16%	February	1	0	0	1	0%	0%	100%
March	61	34	20	6	56%	33%	10%	March	1	1	0	0	100%	0%	0%
April	37	17	14	6	46%	38%	16%	April	2	0	0	2	0%	0%	100%
May	43	30	9	4	70%	21%	9%	May	0	0	0	0	0%	0%	0%
June					#DIV/0!	#DIV/0!	#DIV/0!	June					0%	0%	0%
July					#DIV/0!	#DIV/0!	#DIV/0!	July					0%	0%	0%
August					#DIV/0!	#DIV/0!	#DIV/0!	August					0%	0%	0%
September					#DIV/0!	#DIV/0!	#DIV/0!	September					0%	0%	0%

Total for FY								Total for FY							
2025-2026	365	194	130	40	53%	36%	11%	2025-2026	6	1	1	4	17%	17%	67%

Fiscal Year 2025-2026							
Month	Total Number of	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System		
		SAS	IAS	FAS	SAS	IAS	FAS
October	41	24	11	6	59%	27%	15%
November	35	14	15	6	40%	43%	17%
December	50	22	25	3	44%	50%	6%
January	50	25	23	2	50%	46%	4%
February	51	28	14	9	55%	27%	18%
March	61	35	20	6	57%	33%	10%
April	35	17	14	4	49%	40%	11%
May	43	30	9	4	70%	21%	9%
June					#DIV/0!	#DIV/0!	#DIV/0!
July					#DIV/0!	#DIV/0!	#DIV/0!
August					#DIV/0!	#DIV/0!	#DIV/0!
September					#DIV/0!	#DIV/0!	#DIV/0!

Total for FY

EQD Domestic and Public Supply Well Monitoring Monthly Totals per Fiscal Year - June 2026

2025-2026	366	195	131	40	53%	36%	11%
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EQD Well Permitting Program
Monthly Permitting Totals per Fiscal Year

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
October	74	91	114	76	95	104	130	81	135	133	127	204	179	264	241
November	93	88	68	66	88	85	121	89	123	91	205	134	266	148	102
December	52	91	56	74	79	124	84	81	67	94	151	212	127	120	145
January	92	108	89	87	106	108	125	115	129	194	228	193	144	162	238
February	95	109	81	71	112	118	117	90	121	124	254	228	196	228	194
March	144	104	86	105	109	154	123	111	81	162	258	224	174	212	289
April	160	150	102	73	133	126	163	135	67	185	251	220	205	172	288
May	145	129	99	105	148	156	124	127	56	166	374	212	116	187	189
June	95	102	110	88	129	178	131	149	127	266	228	194	232	208	
July	110	97	103	112	113	91	115	131	116	175	172	174	212	260	
August	105	98	90	107	139	95	98	131	66	173	202	160	275	276	
September	82	98	88	102	111	101	105	111	87	184	108	148	231	143	
Total Wells Permitted =	1247	1265	1086	1066	1362	1440	1436	1351	1175	1947	2558	2303	2357	2380	1686
Wells Permitted															
May= 189	855	870	695	657	870	975	987	829	779	1149	1848	1627	1407	1493	1686

Irrigation Well Aquifer Systems - Current & Historical

Fiscal Year 2026-2027								Fiscal Year 2025-2026							
Month	Total Number of Irrigation Wells	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System			Month	Total Number of Irrigation Wells	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System		
		SAS	IAS	FAS	SAS	IAS	FAS			SAS	IAS	FAS	SAS	IAS	FAS
October					#DIV/0!	#DIV/0!	#DIV/0!	October	17	2	4	11	12%	24%	65%
November					#DIV/0!	#DIV/0!	#DIV/0!	November	10	3	4	3	30%	40%	30%
December					#DIV/0!	#DIV/0!	#DIV/0!	December	9	3	5	1	33%	56%	11%
Janaury					#DIV/0!	#DIV/0!	#DIV/0!	Janaury	4	1	2	1	25%	50%	25%
February					#DIV/0!	#DIV/0!	#DIV/0!	February	11	0	2	9	0%	18%	82%
March					#DIV/0!	#DIV/0!	#DIV/0!	March	21	4	6	11	19%	29%	52%
April					#DIV/0!	#DIV/0!	#DIV/0!	April	22	4	4	14	18%	18%	64%
May					#DIV/0!	#DIV/0!	#DIV/0!	May	20	5	2	13	25%	10%	65%
June					#DIV/0!	#DIV/0!	#DIV/0!	June					#DIV/0!	#DIV/0!	#DIV/0!
July					#DIV/0!	#DIV/0!	#DIV/0!	July					#DIV/0!	#DIV/0!	#DIV/0!
August					#DIV/0!	#DIV/0!	#DIV/0!	August					#DIV/0!	#DIV/0!	#DIV/0!
September					#DIV/0!	#DIV/0!	#DIV/0!	September					#DIV/0!	#DIV/0!	#DIV/0!

Total for FY
2026-2027 =0000#DIV/0!#DIV/0!#DIV/0!

Total for FY
2025-2026 =11422296319%25%55%

Fiscal Year 2024-2025								Fiscal Year 2023-2024							
Month	Total Number of Irrigation Wells	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System			Month	Total Number of Irrigation Wells	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System		
		SAS	IAS	FAS	SAS	IAS	FAS			SAS	IAS	FAS	SAS	IAS	FAS
October	13	4	0	9	31%	0%	69%	October	10	5	1	4	50%	10%	40%
November	9	1	2	6	11%	22%	67%	November	13	1	2	10	8%	15%	77%
December	13	2	6	5	15%	46%	38%	December	14	5	3	6	36%	21%	43%
Janaury	20	1	4	15	5%	20%	75%	Janaury	11	2	5	4	18%	45%	36%
February	8	3	2	3	38%	25%	38%	February	14	1	8	5	7%	57%	36%
March	16	5	6	5	31%	38%	31%	March	5	1	4	0	20%	80%	0%
April	14	3	5	6	21%	36%	43%	April	11	2	3	6	18%	27%	55%
May	19	9	4	6	47%	21%	32%	May	15	4	3	8	27%	20%	53%
June	15	7	2	6	47%	13%	40%	June	28	10	16	2	36%	57%	7%
July	28	14	5	9	50%	18%	32%	July	18	3	9	6	17%	50%	33%
August	15	4	2	9	27%	13%	60%	August	20	12	2	6	60%	10%	30%
September	7	2	3	2	29%	43%	29%	September	24	5	5	14	21%	21%	58%

Total for FY
2024-2025 =17755418131%23%46%

Total for FY
2023-2024 =18351617128%33%39%

Notes: SAS = Surficial Aquifer System
IAS = Intermediate Aquifer System (Hawthorn Group)
FAS = Floridan Aquifer System

Permitted Irrigation Wells - Proposed Aquifer System Information
City of Jacksonville - EQD Well Permitting Program

Fiscal Year 2022-2023								Fiscal Year 2021-2022							
Month	Total Number of Irrigation Wells	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System			Month	Total Number of Irrigation Wells	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System		
		SAS	IAS	FAS	SAS	IAS	FAS			SAS	IAS	FAS	SAS	IAS	FAS
October	10	3	5	2	30%	50%	20%	October	8	2	5	1	25%	63%	13%
November	8	1	7	0	13%	88%	0%	November	12	2	6	4	17%	50%	33%
December	14	2	4	8	14%	29%	57%	December	9	8	1	0	89%	11%	0%
Janaury	14	2	5	7	14%	36%	50%	Janaury	8	2	4	2	25%	50%	25%
February	13	0	1	12	0%	8%	92%	February	10	4	3	3	40%	30%	30%
March	24	5	7	12	21%	29%	50%	March	14	2	0	12	14%	0%	86%
April	10	3	4	3	30%	40%	30%	April	22	2	11	9	9%	50%	41%
May	20	4	7	9	20%	35%	45%	May	22	2	9	11	9%	41%	50%
June	7	1	1	5	14%	14%	71%	June	15	4	1	10	27%	7%	67%
July	16	1	3	12	6%	19%	75%	July	13	1	6	6	8%	46%	46%
August	14	2	7	5	14%	50%	36%	August	21	5	2	14	24%	10%	67%
September	8	2	3	3	25%	38%	38%	September	18	5	3	10	28%	17%	56%

Total for FY								Total for FY							
2022-2023 =	158	26	54	78	16%	34%	49%	2021-2022 =	172	39	51	82	23%	30%	48%

Fiscal Year 2020-2021								Fiscal Year 2019-2020							
Month	Total Number of Irrigation Wells	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System			Month	Total Number of Irrigation Wells	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System		
		SAS	IAS	FAS	SAS	IAS	FAS			SAS	IAS	FAS	SAS	IAS	FAS
October	9	1	4	4	11%	44%	44%	October	22	9	5	8	41%	23%	36%
November	8	0	3	5	0%	38%	63%	November	14	2	6	6	14%	43%	43%
December	7	2	3	2	29%	43%	29%	December	4	2	0	2	50%	0%	50%
Janaury	8	2	6	0	25%	75%	0%	Janaury	18	6	8	4	33%	44%	22%
February	9	5	0	4	56%	0%	44%	February	23	9	2	12	39%	9%	52%
March	23	7	6	10	30%	26%	43%	March	14	7	4	3	50%	29%	21%
April	21	10	9	2	48%	43%	10%	April	4	1	3	0	25%	75%	0%
May	16	10	2	4	63%	13%	25%	May	13	4	8	1	31%	62%	8%
June	17	10	6	1	59%	35%	6%	June	29	13	10	6	45%	34%	21%
July	21	7	8	6	33%	38%	29%	July	19	9	6	4	47%	32%	21%
August	15	5	2	8	33%	13%	53%	August	11	5	2	4	45%	18%	36%
September	16	2	4	10	13%	25%	63%	September	14	4	7	3	29%	50%	21%

Total for FY								Total for FY							
2020-2021 =	170	61	53	56	36%	31%	33%	2019-2020 =	185	71	61	53	38%	33%	29%

Notes: SAS = Surficial Aquifer System
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Permitted Irrigation Wells - Proposed Aquifer System Information
City of Jacksonville - EQD Well Permitting Program

Fiscal Year 2018-2019								Fiscal Year 2017-2018							
Month	Total Number of Irrigation Wells	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System			Month	Total Number of Irrigation Wells	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System		
		SAS	IAS	FAS	SAS	IAS	FAS			SAS	IAS	FAS	SAS	IAS	FAS
October	21	11	4	6	52%	19%	29%	October	18	3	6	9	17%	33%	50%
November	13	9	1	3	69%	8%	23%	November	15	3	8	4	20%	53%	27%
December	7	3	3	1	43%	43%	14%	December	6	4	1	1	67%	17%	17%
Janaury	17	6	3	8	35%	18%	47%	Janaury	17	9	3	5	53%	18%	29%
February	11	2	6	3	18%	55%	27%	February	11	4	2	5	36%	18%	45%
March	18	11	6	1	61%	33%	6%	March	25	15	4	6	60%	16%	24%
April	21	11	3	7	52%	14%	33%	April	47	24	13	10	51%	28%	21%
May	22	13	3	6	59%	14%	27%	May	21	14	3	4	67%	14%	19%
June	29	17	10	2	59%	34%	7%	June	27	13	9	5	48%	33%	19%
July	34	11	17	6	32%	50%	18%	July	27	14	7	6	52%	26%	22%
August	19	10	4	5	53%	21%	26%	August	23	8	9	6	35%	39%	26%
September	9	4	2	3	44%	22%	33%	September	11	6	1	4	55%	9%	36%

Total for FY 2018-2019 =	221	108	62	51	49%	28%	23%	Total for FY 2017-2018 =	248	117	66	65	47%	27%	26%
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Fiscal Year 2016-2017								Fiscal Year 2015-2016							
Month	Total Number of Irrigation Wells	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System			Month	Total Number of Irrigation Wells	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System		
		SAS	IAS	FAS	SAS	IAS	FAS			SAS	IAS	FAS	SAS	IAS	FAS
October	25	13	5	7	52%	20%	28%	October	13	9	2	2	69%	15%	15%
November	20	12	2	6	60%	10%	30%	November	15	10	1	4	67%	7%	27%
December	30	19	4	7	63%	13%	23%	December	11	6	2	3	55%	18%	27%
Janaury	26	11	4	11	42%	15%	42%	Janaury	10	7	0	3	70%	0%	30%
February	35	20	5	10	57%	14%	29%	February	14	9	1	4	64%	7%	29%
March	54	31	13	10	57%	24%	19%	March	23	19	1	3	83%	4%	13%
April	57	35	9	13	61%	16%	23%	April	38	19	9	10	50%	24%	26%
May	72	45	16	11	63%	22%	15%	May	42	26	8	8	62%	19%	19%
June	73	38	14	21	52%	19%	29%	June	33	22	4	7	67%	12%	21%
July	29	15	11	3	52%	38%	10%	July	47	29	12	6	62%	26%	13%
August	25	17	1	7	68%	4%	28%	August	35	22	8	6	63%	23%	17%
September	6	4	0	2	67%	0%	33%	September	40	21	10	9	53%	25%	23%

Total for FY 2016-2017 =	452	260	84	108	58%	19%	24%	Total for FY 2015-2016 =	321	199	58	65	62%	18%	20%
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IAS = Intermediate Aquifer System (Hawthorn Group)
FAS = Floridan Aquifer System

Permitted Irrigation Wells - Proposed Aquifer System Information
City of Jacksonville - EQD Well Permitting Program

Fiscal Year 2014-2015								Fiscal Year 2013-2014							
Month	Total Number of Irrigation Wells	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System			Month	Total Number of Irrigation Wells	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System		
		SAS	IAS	FAS	SAS	IAS	FAS			SAS	IAS	FAS	SAS	IAS	FAS
October	11	2	5	4	18%	45%	36%	October	17	11	1	5	65%	6%	29%
November	10	4	3	3	40%	30%	30%	November	9	3	2	4	33%	22%	44%
December	9	1	1	7	11%	11%	78%	December	5	2	1	2	40%	20%	40%
Janaury	10	4	2	4	40%	20%	40%	Janaury	11	4	2	5	36%	18%	45%
February	16	11	2	3	69%	13%	19%	February	16	10	3	3	63%	19%	19%
March	33	16	8	9	48%	24%	27%	March	14	6	3	5	43%	21%	36%
April	25	13	4	8	52%	16%	32%	April	31	18	5	8	58%	16%	26%
May	27	21	3	3	78%	11%	11%	May	26	16	6	4	62%	23%	15%
June	30	20	7	3	67%	23%	10%	June	24	17	4	3	71%	17%	13%
July	54	34	10	10	63%	19%	19%	July	20	13	4	3	65%	20%	15%
August	20	13	3	4	65%	15%	20%	August	15	8	5	2	53%	33%	13%
September	15	10	1	4	67%	7%	27%	September	12	2	2	8	17%	17%	67%

Total for FY								Total for FY							
2014-2015 =	260	149	49	62	57%	19%	24%	2013-2014 =	200	110	38	52	55%	19%	26%

Fiscal Year 2012-2013								Fiscal Year 2011-2012							
Month	Total Number of Irrigation Wells	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System			Month	Total Number of Irrigation Wells	Number of Wells per Aquifer System			Percentage of Wells Per Aquifer System		
		SAS	IAS	FAS	SAS	IAS	FAS			SAS	IAS	FAS	SAS	IAS	FAS
October	20	12	3	5	60%	15%	25%	October	15	9	3	3	60%	20%	20%
November	12	7	1	4	58%	8%	33%	November	15	6	4	5	40%	27%	33%
December	14	4	3	7	29%	21%	50%	December	9	8	1	0	89%	11%	0%
Janaury	15	7	3	5	47%	20%	33%	Janaury	24	11	3	10	46%	13%	42%
February	32	19	3	10	59%	9%	31%	February	36	22	6	8	61%	17%	22%
March	26	13	8	5	50%	31%	19%	March	63	49	7	7	78%	11%	11%
April	46	34	6	6	74%	13%	13%	April	80	61	7	12	76%	9%	15%
May	41	37	2	2	90%	5%	5%	May	74	56	6	12	76%	8%	16%
June	32	26	5	1	81%	16%	3%	June	35	22	5	8	63%	14%	23%
July	20	15	4	1	75%	20%	5%	July	34	24	4	6	71%	12%	18%
August	28	16	7	5	57%	25%	18%	August	26	16	1	9	62%	4%	35%
September	21	12	4	5	57%	19%	24%	September	16	7	5	4	44%	31%	25%

Total for FY								Total for FY							
2012-2013 =	307	202	49	56	66%	16%	18%	2011-2012 =	427	291	52	84	68%	12%	20%

Notes: SAS = Surficial Aquifer System
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FAS = Floridan Aquifer System

SJRWMD Rainfall Summary and Hydrologic Conditions Report - June 2026

NAME	MONTHLY_TOTAL	MONTHLY_AVERAGE	MONTHLY_DEPARTURE	PRIOR_MONTHS_TOTAL	PRIOR_MONTHS_AVERAGE	PRIOR_MONTHS_DEPARTURE
Alachua	6.589	3.37	3.219	35.611	51.67	-16.059
Baker	7.301	3.78	3.521	33.501	53.2	-19.699
Bradford	6.681	3	3.681	33.514	49.58	-16.066
Brevard	3.549	3.27	0.279	50.779	50.24	0.539
Clay	5.173	2.69	2.483	33.734	48.32	-14.586
Duval	5.079	3.16	1.919	35.491	50.57	-15.079
Flagler	6.004	3.56	2.444	49.21	52.04	-2.83
Indian River	5.252	4.17	1.082	51.137	53.63	-2.493
Lake	5.221	3.65	1.571	43.066	50.49	-7.424
Marion	6.395	3.77	2.625	42.017	52.1	-10.083
Nassau	8.356	3.48	4.876	37.973	51.27	-13.297
Okeechobee	3.627	3.89	-0.263	44.821	48.82	-3.999
Orange	4.047	3.58	0.467	47.011	51.72	-4.709
Osceola	3.759	3.02	0.739	46.885	49.19	-2.305
Putnam	5.463	3.7	1.763	37.549	50.64	-13.091
Seminole	4.421	3.48	0.941	47.272	51.9	-4.628
St. Johns	5.18	3.37	1.81	43.652	51.24	-7.588
Volusia	5.86	3.54	2.32	53.267	51.06	2.207
District	5.348	3.46	1.888	43.654	51.01	-7.356