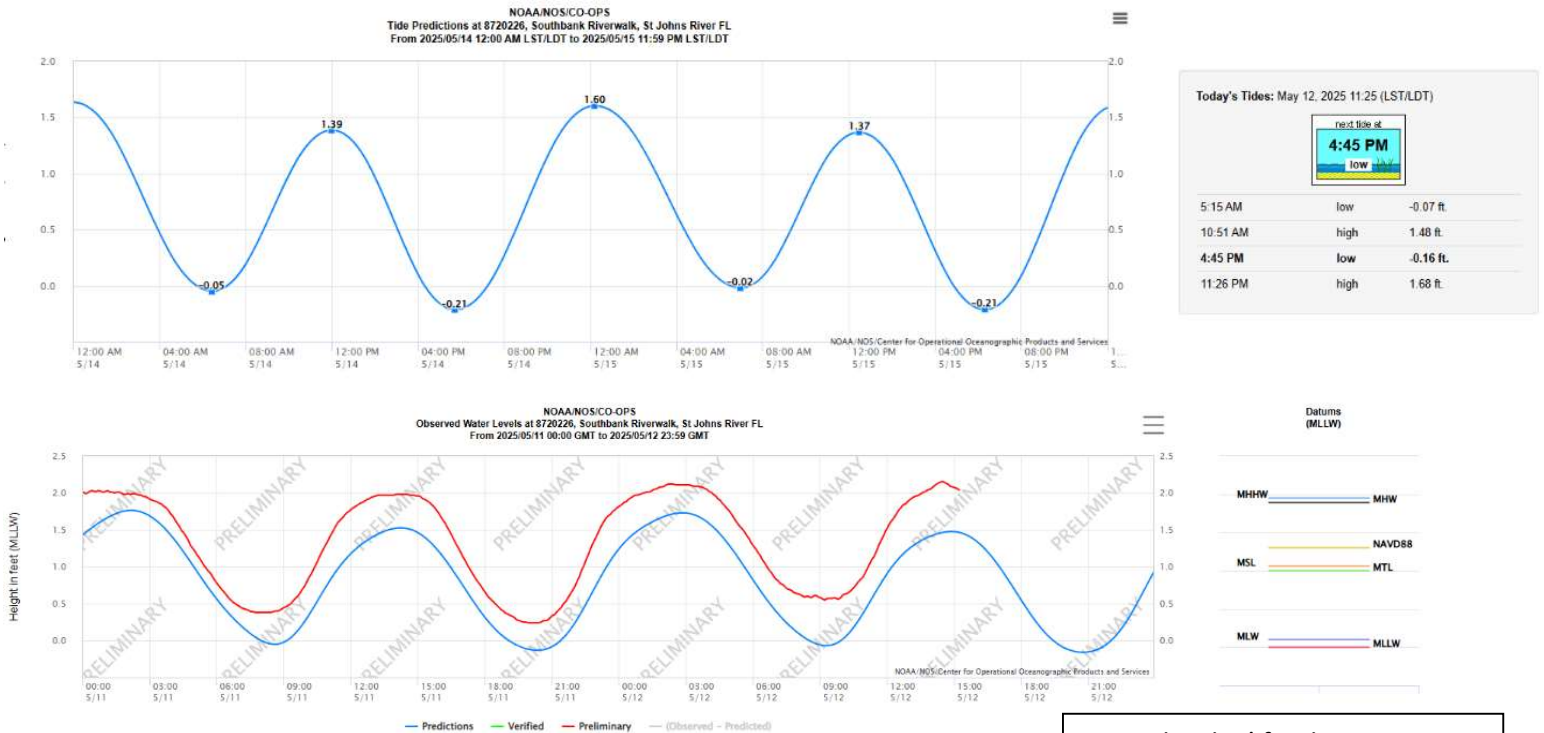


Pinto WWM 05/15/2025

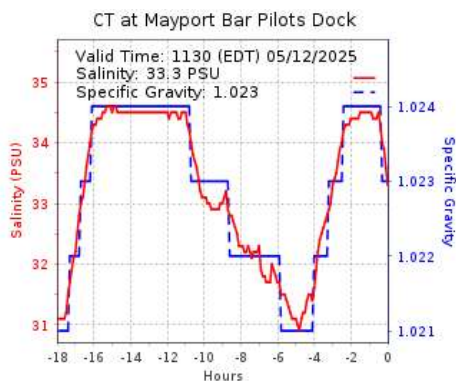
SJR Water Quality Tide Southbank Riverwalk, SJR.

Full moon, May 12th ; New moon, May 27th

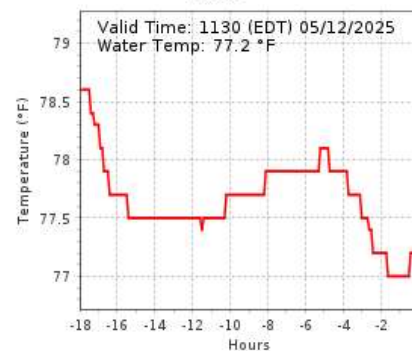


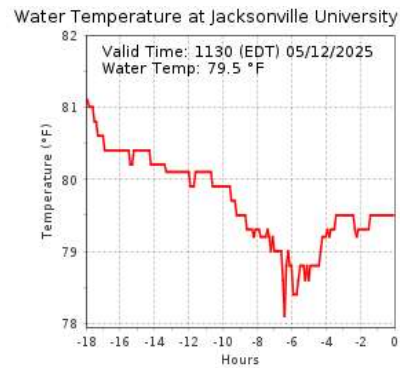
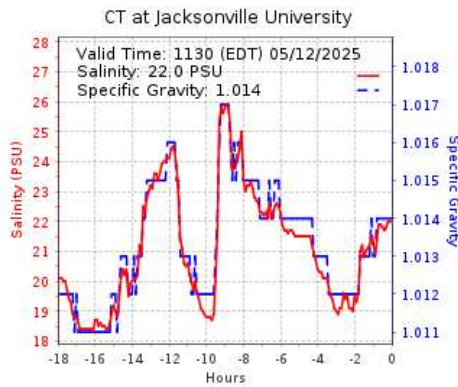
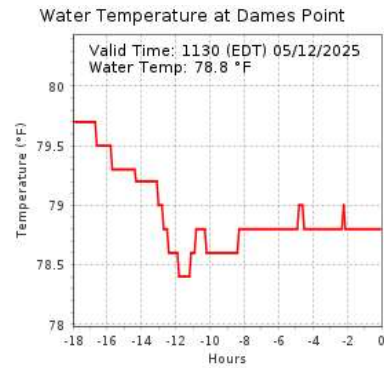
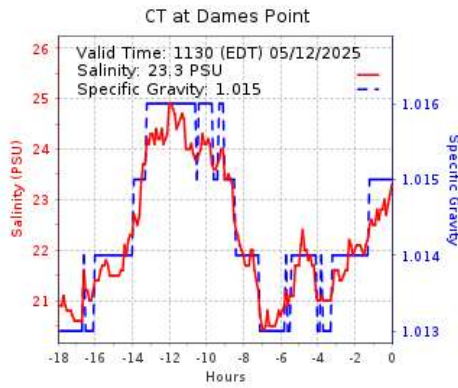
Salinity	Station	Temp °F
31 - 35	Mayport	77
21 - 25	Dames	79
19 - 26	JU	80
13 - 22	Downtown	79
8 - 11	Buckman	80

Salinity increased last month no rain – recent rain ~3-9 LSJRB” may cause that to decrease slightly.



Water Temperature at Mayport Bar Pilots Dock





WATER LEVELS – Normal at Buckman.

RAINFALL – Dry season low rainfall -1.95” last month. Recently +2.26 (SJRWMD) @Basin -0.32

– Dry season low rainfall -1.83” last month. Recently +0.73 (JIA) @JIA +3”

Rainfall Inches 2025			Rainfall Inches 2025			Rainfall Inches 2025			Rainfall Inches 2024		
NOAA Online weather data			JAX INT			SJRWMD 2025			SJRWMD 2024		
Month	NOW data mean	Obs Value	Obs Jax INT	Departure	SJRWMD Obs	Departure			SJRWMD Obs	Departure	
Jan	2.84	6.58	6.60	3.32	4.105	1.415			3.24	0.55	
Feb	2.89	2.15	2.15	-0.71	1.457	-1.533			2.66	-0.332	
Mar	3.48	4.80	4.80	1.51	2.90	-0.51			3.21	-0.2	
Apr	2.87	1.10	1.10	-1.83	0.661	-1.95			2.61	-0.005	
May*	3.54		1.67	0.73		2.26	>3-9"		2.44	-0.819	
Jun									3.81	-2.462	
Jul									8.53	1.864	
Aug									8.16	1.17	
Sep									9.59	6.93	
Oct									7.41	3.28	
Nov									0.65	-1.33	
Dec									1.52		
		14.63		16.32	3.02	9.12	-0.32		53.83	10.06	

*Partial month May.

NO HABs:

Shands Bridge: 4/21/25 *mixed algae*. No toxins.

Mandarin Point SJR (MP72): 4/21/25 *mixed algae*. No toxins.

Drs. Lake: 4/30/25 No toxins. Dolichospermum sp. (Pace Is. Pk.)

4/30/25 Central Drs. Lake mixed/no toxin

Epping Forest – signs of algae – not tested.

MANATEE MORTALITY – Increase in local deaths since last month's report (3 Total, now 9).

9 Total

2 cold stress mortality

2/10/2025 SJR, Nr. White Shell Bay Area

3/2/2025 Goodby's Ck.

5 Perinatal

3/16/2025 SJR, Nr. E. Bay Street, Shipyards

4/5/2025 Big Fishweir Ck.

4/13/2025 ICW Hopson Rd. Basin S Beach Blvd

4/13/2025 ICW Hopson Rd.

4/13/2025 Alfred Dupont Pl. Sidney Gefen River Walk Pk.

1 Undetermined

4/24/2025 Ortega River, San Juan Ave. Nr. Bridge north side Baker Pt. Pk.

1 Watercraft

4/25/2025 West side of Mayport NAS training basin

Pinto WWM 05/15/2025

In FLORIDA 37 WC and 344 Total year to May. 2nd, 2025; 2024 year's numbers 33 WC/246 TOTAL

JU Manatee Hotline 904 256 7575

FWC Dispatch 1-888-3922 Dead, injured or abandoned calf, etc.

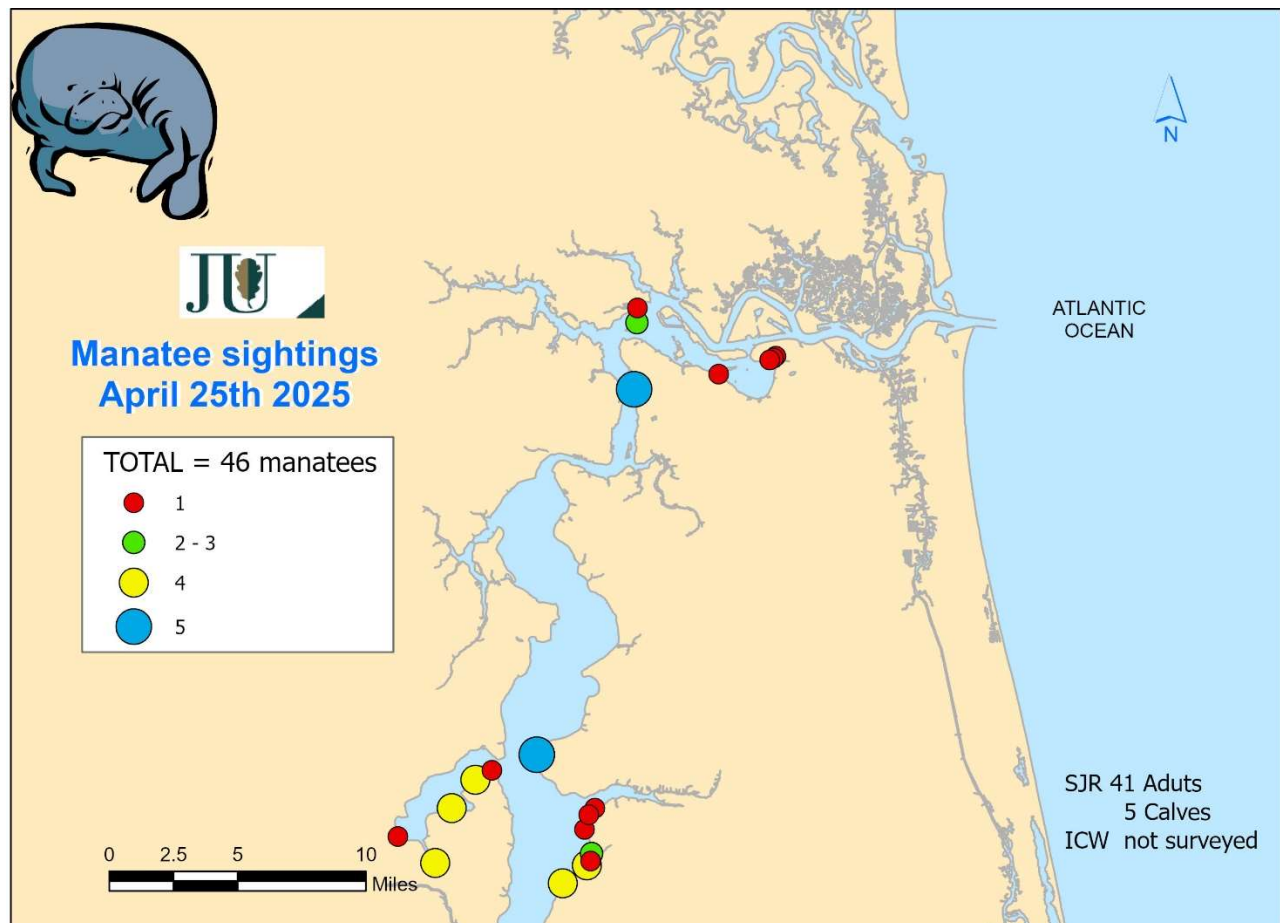
Manatee Sightings Form

Manatee Research Center Online:

<https://www.ju.edu/marco/>



AERIAL SIGHTINGS: 46 Total (41A5C) SJR _Mayport TFR



The information contained in this email and the manatee sighting maps are the results of aerial surveys conducted by Jacksonville University. The manatee sightings represent the known minimum number of animals and their location at the time of the flight. The numbers may be higher and the animals change locations frequently. The information is an indication of the number and the location of manatees and subject to change daily.