Rip Current Identification Diagram, Flag Color Key, and Pre-Swim Safety Checklist

> **Companion Reference Sheet for:** Swimming Beaches: Read Water Conditions Before You Go
> Save this PDF to your phone or print a copy for field reference. Verify local conditions and manufacturer specs before use.

Key Takeaways

Question	Quick answer
Where should I start?	Use The Beach Directory to discover coastal destinations, then browse beaches listed for swimming and check current local notices before travelling.
How can I tell if a beach is suitable for swimming?	Check water quality notices, surf and weather conditions, tide information, and signs at the beach. A clear result or calm appearance cannot answer every safety question.
What should I do if notices disagree?	Follow the most cautious current warning and ask a lifeguard if one is present. Wait until you can make a clear decision.
What can a water quality report tell me?	It describes a sample from a particular place and time. It does not measure waves, currents, water depth, or underwater obstacles.
What if I spot a possible rip current?	Stay out of that area and alert a lifeguard. If caught in a rip, float, signal for help, and swim parallel to shore to leave the current.
When should I leave the water?	Leave if the weather, waves, wind, or warnings change, or if you feel cold, tired, or less coordinated.

Check Current Notices for the Exact Swimming Area

Condition to check	What the source measures or reports	What it cannot establish	Warning that should change your decision
Water quality	Indicator bacteria results and local contamination notices for a sampling area.	Wave force, currents, depth, or submerged obstacles.	A current advisory, closure, or contamination warning for your intended area.
Surf and currents	Breaking waves, current risks, wind, and hazards identified in a surf zone forecast or by lifeguards.	Whether a water quality sample reports contamination.	A rip current warning, hazardous surf, strong current, or conditions beyond your ability.

Condition to check	What the source measures or reports	What it cannot establish	Warning that should change your decision
Weather	Local wind, storms, and changing weather that can affect visibility and water movement.	Water quality or every hazard beneath the surface.	Lightning, an approaching storm, strong offshore wind, or a sudden change in conditions.

Understand What Water Quality Results Can Tell You

Florida classification	Enterococci per 100 milliliters	Practical meaning
Good	0 to 35	Falls within Florida's Good category for marine water.
Moderate	36 to 70	Falls within Florida's Moderate category for marine water.
Poor	71 or greater	Falls within Florida's Poor category for marine water.

Use This Step by Step Field Checklist

☐ **Before leaving, check the exact beach.** Look up its current water quality notice, swimming closure or advisory, surf forecast, weather, and tide information. Confirm that the report refers to your planned access point or swimming area.

☐ **At the beach, read every sign and flag.** Locate the lifeguard and ask about conditions if a warning or forecast is unclear.

☐ **Observe the water from shore.** Watch breaking waves, possible rip channels, wind direction, water movement, and visible hazards. Do not use other swimmers as evidence that entry is safe.

☐ **Choose not to enter when the picture is uncertain.** Stay out if an advisory applies, a warning is unclear, hazards look beyond your ability, or reports and observations do not agree.

☐ **If conditions are suitable, swim within a safe plan.** Go with a capable companion, stay within your ability and the supervised area, keep children under close adult supervision, and leave when conditions change.

☐ **If caught in a rip current, focus on conserving energy.** Stay calm, float, signal for help, and swim parallel to shore out of the current before returning diagonally. Do not fight directly against it.

Test results also have a timing limit: Woods Hole Oceanographic Institution explains that current EPA methods for detecting indicator bacteria require at least 24 hours to provide results. That delay is why a test result describes its sample rather than guaranteeing the water's condition at the moment you arrive.

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