

U.S. Coastal Communities' Need for Water Level Observations

Survey Results

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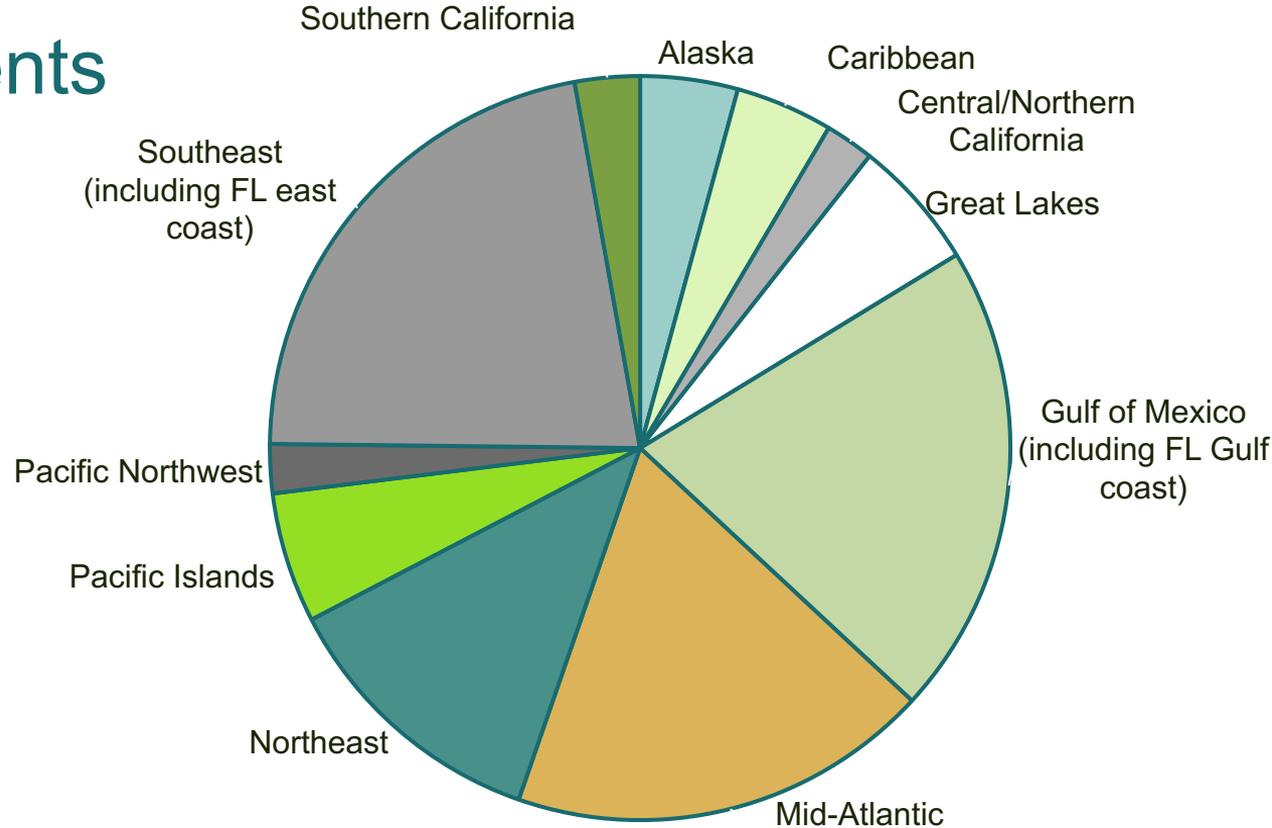
SECOORA



Water Levels in the Southeast
June 13-15, 2023

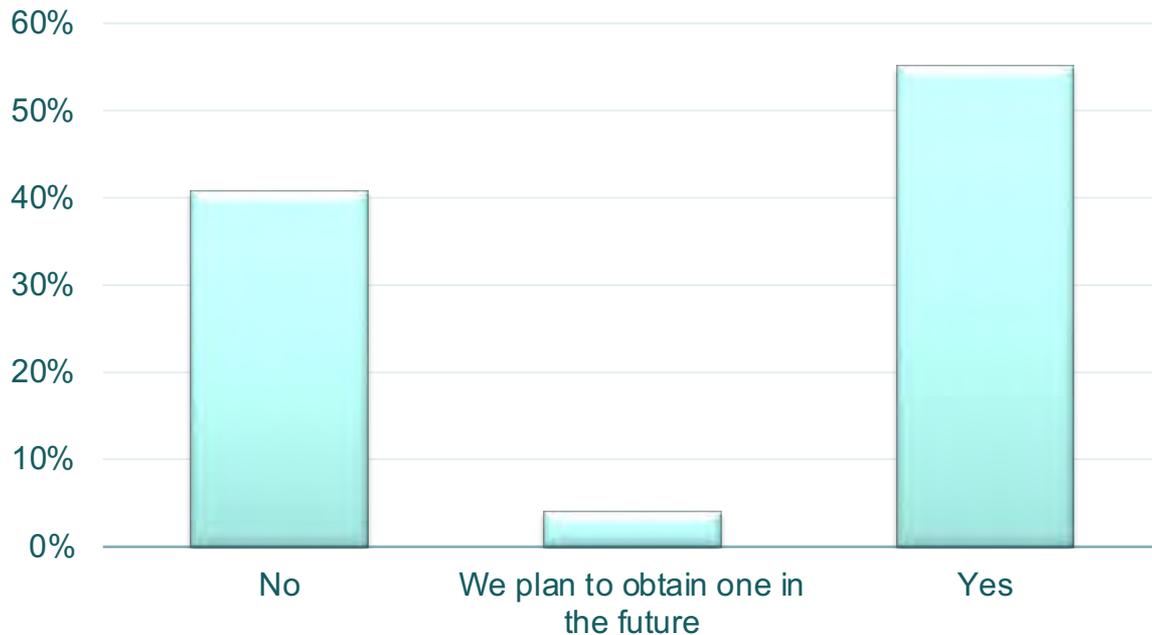
Survey respondents

- 11 questions
- 142 responses
- 75% completion rate
- Each of 11 RAs
- All coastal states and territories



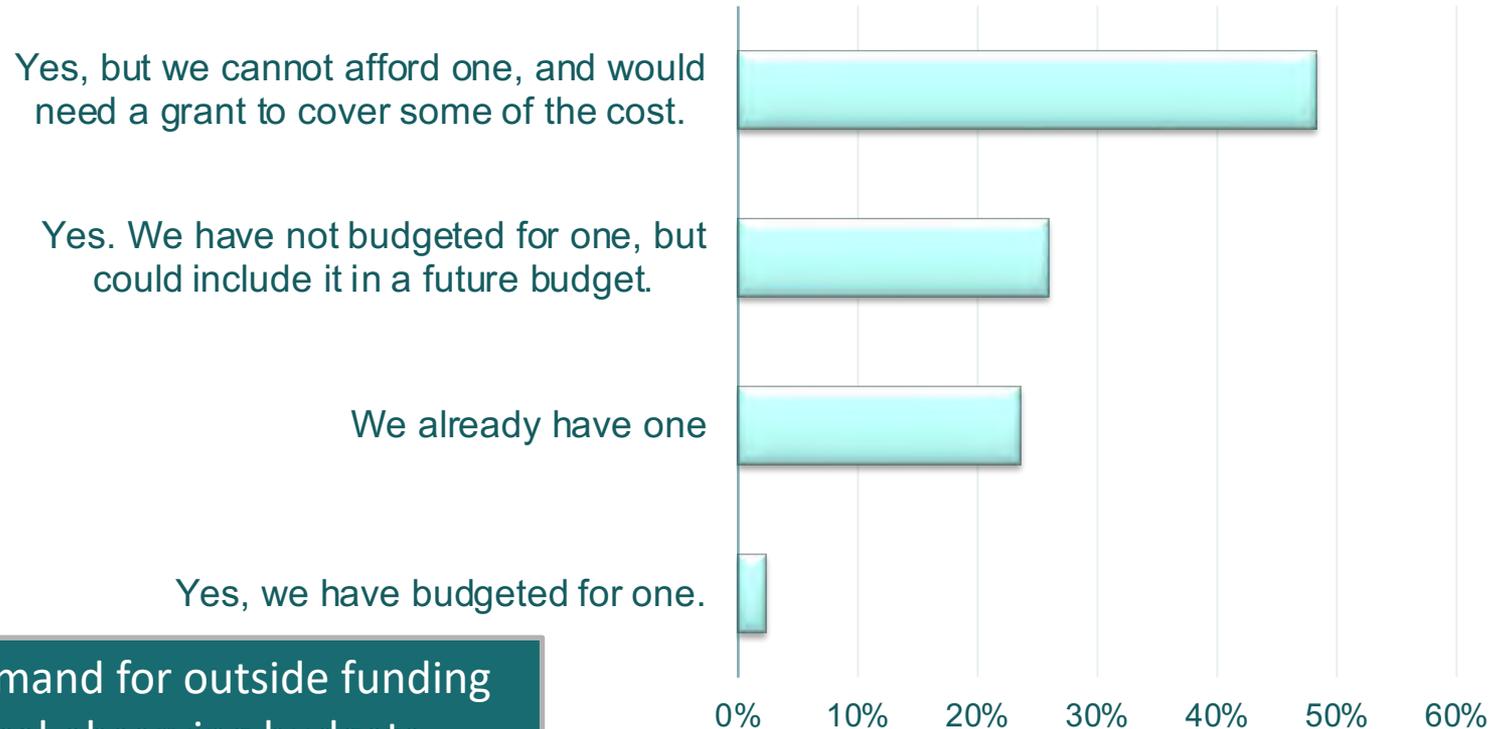
Do you have a tide gauge?

- 40% not aware of local real-time sensor
- “Lack of nearby water level stations”
- Existing network not at scale/density to meet communities needs



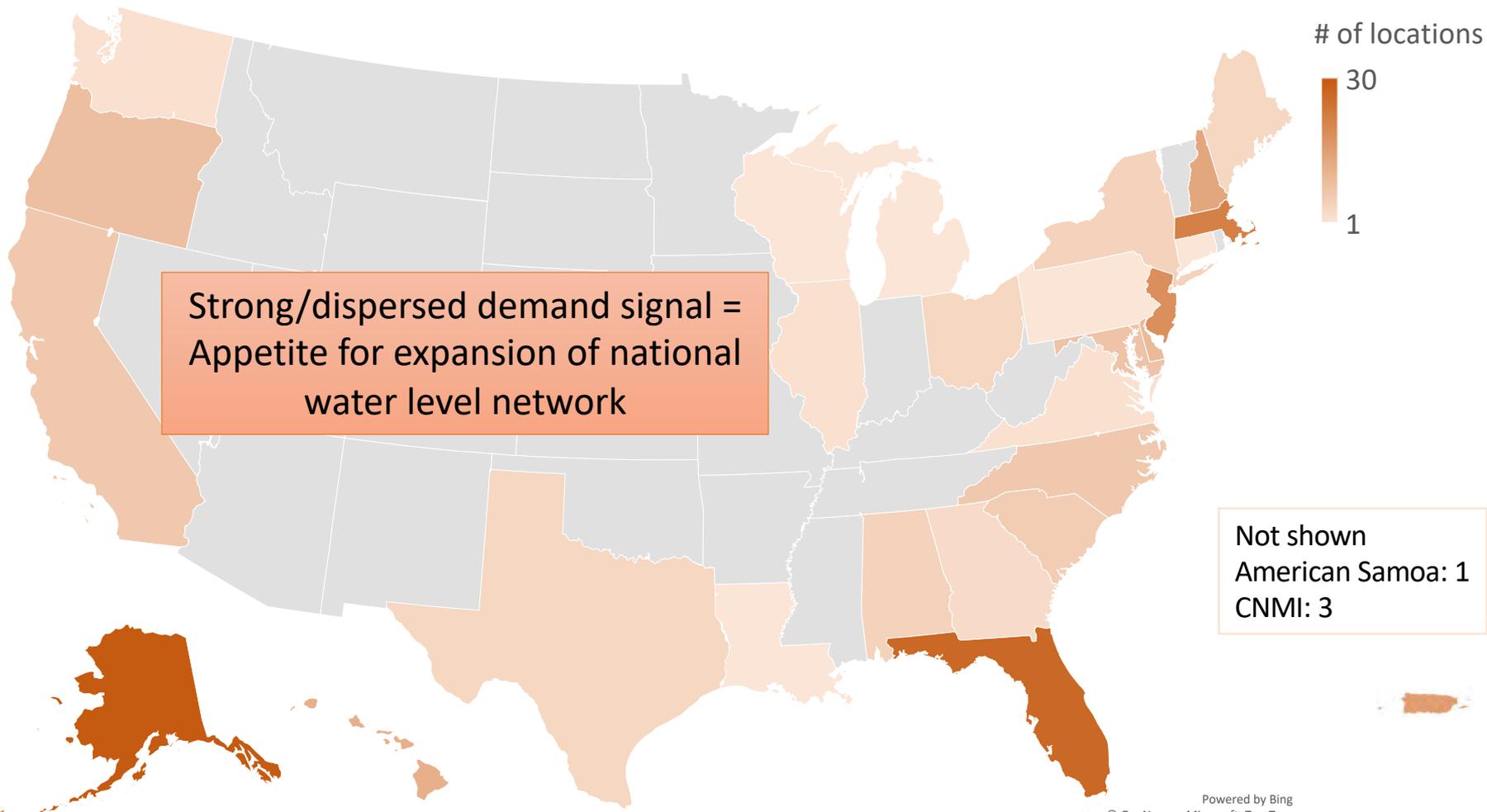
Do you/your community want a local water level sensor?

For purposes of this question, assume the cost is \$3,000 per year.



Highlights the demand for outside funding to supplement local observing budgets

Heat Map of Water Level Sensor Demand by State/Territory



Where do you want one?

- Specific locations provided along eastern seaboard, Gulf of Mexico and Great Lakes
- Locations requested in the West Coast, Alaska, and island states/territories are not shown here

