

Web Cams for Observing Rip Currents and High Tide Flooding

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Web Cams for Rip Current Model Validation

- A probabilistic rip current forecast model is being validated at coastal locations across the U.S.
- Have relied on lifeguard observations of rip current intensity for model development and validation
- This approach is limited by lifeguard presence and subjective nature of visual observations

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Oct 07 15 15:01:09 1488 images averaged over 5.minutes, 4.96 frames/sec.



Web Cams for High Tide Flooding Observations

- High tide flooding – coastal flooding influenced by the tide
- Becoming more frequent due to sea level rise
- NOS provides annual outlooks and seasonal High Tide Bulletins
- Challenge with relating water level to impacts



Web Cams for High Tide Flooding Observations

