

NATIONAL OCEAN SERVICE (\$ in Thousands)	2021 Enacted	2022 Base	2022 Program Changes	2022 President's Budget	FY22 House Mark	FY22 Senate Mark
Operations, Research and Facilities (ORF)						
NOAA IOOS ("National Line")	6,782	6,956	4,352	11,308	TBD - internal to NOS	TBD - internal to NOS
IOOS Regional Observations	40,500	40,500	29,000	69,500	50,000	47,000
TOTAL ("National" + "Regional" IOOS)	47,282	47,456	33,352	80,808	50000	47000

Funding Bill Name	AKA	Final or Draft?	Amount (\$1000)	ORF or PAC?	Language
Extending Government Funding and Delivering Emergency Assistance Act	"CR and Supplemental"	Final thru Dec 3	4,709	ORF	for repair and replacement of observing assets, real property, and equipment (pg. 39)
Extending Government Funding and Delivering Emergency Assistance Act	"CR and Supplemental"	Final thru Dec 3	35,000	ORF	(A) hurricane intensity and track forecasting, including through deployment of unmanned ocean observing platforms and enhanced data assimilation; and (B) precipitation and flood prediction, forecasting, and mitigation capabilities (pg. 39)
Extending Government Funding and Delivering Emergency Assistance Act	"CR and Supplemental"	Final thru Dec 3	50,000	PAC	for improvements to operational and research weather and climate supercomputing and dissemination infrastructure, observing assets, and satellites, along with associated ground systems, used for hurricane intensity and track prediction; precipitation and flood prediction, forecasting, and mitigation; and wildfire research, prediction, detection, forecasting, and monitoring (pg. 40)
H.R.3684 - Infrastructure Investment and Jobs Act	"Infrastructure Bill"	Draft	100,000	ORF	supporting improved and enhanced coastal, ocean, and Great Lakes observing systems
H.R.3684 - Infrastructure Investment and Jobs Act	"Infrastructure Bill"	Draft	56,000	ORF	shall be for established Regional Ocean Partnerships (ROPs) to coordinate the interstate and intertribal management of ocean and coastal resources and to implement their priority actions, including to enhance associated sharing and integration of Federal and non-Federal data by ROPs, or their equivalent
H.R.3684 - Infrastructure Investment and Jobs Act	"Infrastructure Bill"	Draft	50,000	PAC	coastal, ocean, and Great Lakes observing systems
H.R.3684 - Infrastructure Investment and Jobs Act	"Infrastructure Bill"	Draft	492,000	ORF	Shall be for coastal and inland flood and inundation mapping and forecasting, and next-generation water modeling activities, including modernized precipitation frequency and probable maximum studies;
H.R.5376 - Build Back Better Act pg 960	"Reconciliation Bill" PRIOR TO 10/28	Draft	500,000	ORF	SEC. 70504. COASTAL HAZARDS AND SEA LEVEL RISE In addition to amounts otherwise available, there is appropriated to the National Oceanic and Atmospheric Administration for fiscal year 2022, out of any money in the Treasury not otherwise appropriated, \$500,000,000, to remain available until September 30, 2031, except that no amounts may be expended after September 30, 2031, for carrying out the provisions of section 12304 of the Integrated Coastal and Ocean Observation System Act of 2009 (33 U.S.C. 3603), section 4 of the Digital Coast Act (16 U.S.C. 1467), section 310 of the Coastal Zone Management Act of 1972 (16 U.S.C. 1456c), section 303 of the Hydrographic Services Improvement Act of 1988 (33 U.S.C. 892a), and the first section and section 2 of the Act of August 6, 1947 (chapter 504; 33 U.S.C. 883a and 33 U.S.C. 883b), popularly known as the Coast and Geodetic Survey Act of 1947; for the purposes of making upgrades to the Integrated Ocean Observing System; making upgrades to the Shoreline Mapping Program; developing products, services, and coordinated decision-support frameworks with respect to coastal floods, sea level rise, Great Lakes water level, and vertical land motion data and conducting the research and development necessary to support such products and services; producing and maintaining authoritative and timely data, maps, charts, tidal and water level observations and information services for communities to plan for present and future coastal flood risks and to sustain the economic viability of ports and marine transportation system; and providing technical assistance to States, Insular areas, local governments, and end user at-risk communities.
H.R.5376 - Build Back Better Act pg 961	"Reconciliation Bill" PRIOR TO 10/28	Draft	50,000	ORF	COASTAL HAZARDS IN UNITED STATES INSULAR AREAS. In addition to amounts otherwise available, there is appropriated to the National Oceanic and Atmospheric Administration for fiscal year 2022, out of any money in the Treasury not otherwise appropriated, \$50,000,000, to remain available until September 30, 2031, except that no amounts may be expended after September 30, 2031, for carrying out the provisions of the Integrated Coastal and Ocean Observation System Act of 2009 (33 U.S.C. 3601), section 4 of the Digital Coast Act (16 U.S.C. 1467, and section 303 of the Hydrographic Services Improvement Act (33 U.S.C. 892a) to improve weather data collection and provide science, data, information, and impact-based decision support services to reduce tsunami, hurricane, typhoon, drought, tide, and sea-level rise impacts in Insular Areas