



Senator Wyden Constituent

Briefing March 21, 2023

Bipartisan Infrastructure Law
& Inflation Reduction Act
Updates

National Oceanic and Atmospheric Administration (NOAA)

1. Introduction

2. BLUF

3. BIL Implementation Plans

- Climate Data and Services
- Climate Ready Coasts
- Fisheries and Protected Resources

4. IRA Implementation Plans

- Climate Ready Coasts
- Climate Ready Nation
- Facilities, High Performance Computing (HPC) & Aircraft

5. Questions

BLUF (Bottom Line Up Front)

1. Bipartisan Infrastructure Law (BIL) ~ \$2.96 Billion over 5 years.
2. Inflation Reduction Act (IRA) \$3.3 Billion over 5 years.

NOAA received ~ \$6.3 Billion over 5 years. (2022 - 2026)

BLUF [\(continued\)](#)

1. Fed Grant Portal: www.grants.gov (gov't-wide portal for ALL grant opportunities)

2. Fed Contract Portal: www.sam.gov (gov't-wide portal for ALL contract opportunities)

3. NOAA BIL website: <https://www.noaa.gov/infrastructure-law>

4. National Fish & Wildlife Federation: ***National Coastal Resilience Fund***
<https://www.nfwf.org/programs/national-coastal-resilience-fund>

BIL Implementation Plan



NOAA received \$2.96 billion in BIL funding across 18 provisions and three main groupings.



Climate Data & Services

\$904 million

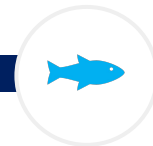
Supporting a whole-of-government effort to address the climate crisis by getting critical information in the hands of decision-makers.



Climate Ready Coasts

\$1.467 billion

Helping coastal communities build the future they want to see, including natural infrastructure investments to increase resilience to climate change and extreme weather events.



Fisheries & Protected Resources

\$592 million

Advancing complementary efforts to support environmental stewardship and promote community economic development.

Overview of NOAA's BIL Funding

Climate Data & Services (\$ in K)	Account	Total	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
3. Flood and Inundation Mapping and Forecasting	ORF	492,000	98,400	98,400	98,400	98,400	98,400
4. Water Resources Development Act data acquisition	ORF	25,000	0	8,334	8,333	8,333	0
5. Wildfire	ORF	50,000	50,000	0	0	0	0
6. Soil Moisture and Snowpack Pilot Program	ORF	1,000	250	250	250	250	0
11. Ocean and coastal observing systems	ORF	100,000	20,000	20,000	20,000	20,000	20,000
12. Regional Ocean Partnerships	ORF	56,000	11,200	11,200	11,200	11,200	11,200
15. Wildfire	PAC	50,000	50,000	0	0	0	0
16. Research supercomputing	PAC	80,000	80,000	0	0	0	0
17. Ocean and coastal observing systems	PAC	50,000	50,000	0	0	0	0
Total		904,000	359,850	138,184	138,183	138,183	129,600
Climate Ready Coasts (\$ in K)							
1. National Oceans and Coastal Security Fund grants	ORF	492,000	98,400	98,400	98,400	98,400	98,400
2. Habitat Restoration	ORF	491,000	98,200	98,200	98,200	98,200	98,200
7. Marine Debris - NOS	ORF	150,000	30,000	30,000	30,000	30,000	30,000
8. Marine Debris - OAR	ORF	50,000	10,000	10,000	10,000	10,000	10,000
9. Coastal Zone Management (CZM)	ORF	207,000	41,400	41,400	41,400	41,400	41,400
10. National Estuarine Research Reserve System	ORF	77,000	15,400	15,400	15,400	15,400	15,400
Total		1,467,000	293,400	293,400	293,400	293,400	293,400
Fisheries & Protected Resources (\$ in K)							
13. Consultations and permitting	ORF	20,000	4,000	4,000	4,000	4,000	4,000
14. Fish passage	ORF	400,000	80,000	80,000	80,000	80,000	80,000
18. PCSRF	PCSRF	172,000	34,400	34,400	34,400	34,400	34,400
Total		592,000	118,400	118,400	118,400	118,400	118,400
Grand Total		2,963,000	771,650	549,984	549,983	549,983	541,400

Amounts shown are \$ in thousands

IRA Implementation Plan (2022 - 2026)

Portfolio	Title	Provision	Investment
1. Climate Ready Coasts \$2.6 billion	Climate Ready Coasts 2.0 (Sec. 40001)	Investing in Coastal Communities and Climate Resilience	Direct expenditure, contracts, grants, cooperative agreements, or technical assistance to coastal states, the District of Columbia, Tribal Governments, nonprofit organizations, local governments, and institutions of higher education <i>for the conservation, restoration, and protection of coastal and marine habitats, resources, Pacific salmon and other marine fisheries, to enable coastal communities to prepare for extreme storms and other changing climate conditions, and for projects that support natural resources that sustain coastal and marine resource dependent communities, marine fishery and marine mammal stock assessments,</i> and for related administrative expenses.
2. Climate Ready Nation \$200 million	Climate-Ready Nation Continuum (Sec. 40004) \$150 million	Oceanic and Atmospheric Research and Forecasting For Weather and Climate	<i>To accelerate advances and improvements in research, observation systems, modeling, forecasting, assessments, and dissemination of climate information to the public.</i> This investment will enhance NOAA's authoritative climate products and services.
	Climate-Ready Nation Continuum (Sec. 40004) \$50 million	Oceanic and Atmospheric Research and Forecasting For Weather and Climate	To administer climate research grants to <i>address climate challenges such as impacts of extreme events; water availability and quality; impacts of changing ocean conditions on marine life; improved greenhouse gas and ocean carbon monitoring; coastal resilience and sea level rise.</i> This research will provide the science that Americans need to understand how, where, and when Earth's conditions are changing.

NOAA IRA Funding Summary (cont.)

Portfolio	Title	Provision	Investment
3. Facilities, HPC, & Aircraft \$510 million	Permitting (Sec. 40003) \$20 million	NOAA Efficient and Effective Reviews	To conduct more efficient, accurate, and timely reviews for planning, permitting and approval processes. These investments will allow NOAA to provide more efficient, accurate, and timely permit reviews, through the hiring and training of personnel, development of programmatic documents, procurement of technical or scientific services, development of data and information systems, stakeholder and community engagement, and the development of analysis tools, techniques, and guidance.
	High-Performance Computing (Sec. 40005) \$190 million	Computing Capacity and Research for Weather, Oceans, and Climate	For high performance computing capacity and research for weather, oceans and climate. This investment will enable NOAA to procure research supercomputing equipment used for weather and climate model development to improve drought, flood, and wildfire prediction, detection, and forecasting.
	Facilities (Sec. 40002) \$150 million	Facilities of the NOAA and National Marine Sanctuaries	To replace aging facilities and construct new ones, including piers, marine operations facilities, and fisheries labs. NOAA's facilities and infrastructure are vulnerable to a full range of weather and climate impacts.
	Facilities - Sanctuaries (Sec. 40002) \$50 million	Facilities of the NOAA and National Marine Sanctuaries	To construct NOAA Office of National Marine Sanctuary facilities that will enhance and expand National Marine Sanctuaries facilities.
	Aircraft (Sec. 40006)	Acquisition of	To acquire new, modern, multi-engine aircraft. This investment will sustain NOAA's

National Oceanic and Atmospheric Administration (NOAA)

Questions