



**NOAA
FISHERIES**

Dynamic Management Areas (DMAs) and Right Whale Slow Zones Declared During 2022

In 2022, NOAA Fisheries declared a total of 77 DMAs/Right Whale Slow Zones along the U.S. East Coast. Of these, 30 were triggered by right whale sightings and 47 were triggered by acoustic detections. DMAs/Slow Zones were declared in 11 locations in the Northeast/Mid-Atlantic U.S. (Martha’s Vineyard, MA, Virginia Beach, VA, Portsmouth, NH, Nantucket, MA, Boston, MA, Chatham, MA, Portland, ME, Ocean City, MD, New York Bight, NY, Atlantic City, NJ and Cape Cod Bay, MA) and in one location in the Southeast U.S. (Ocranoke, NC).

Trigger Date (date of RW sightings)	Type (New or Extension)	Number of right whales sighted or A=right whales acoustically detected	Sightings Source	General Location	Boundaries
1/8/2022	Extension	A	WHOI Atlantic City buoy	SE of Atlantic City, NJ	39 25 N 38 44 N 073 44 W 074 36 W
1/8/2022	New	A	WHOI New York Bight NW Acoustic Buoy	SE of New York City, NY	40 41 N 40 01 N 073 03 W 073 55 W
1/9/2022	Extension	A	Ocean City University of Maryland Center for Environmental Science/WHOI Acoustic Buoy	E of Ocean City, MD	38 38 N 37 58 N 074 13 W 075 04 W
1/13/2022	New	19	Center for Coastal Studies aerial survey team	S of Nantucket Island, MA	41 07 N 40 26 N 069 32 W 070 34 W
1/13/2022	New	3	North Carolina Whale Survey flown by Clearwater Marine Aquarium Research Institute and US Army Corps of Engineers	Ocranoke, NC	35 14 N 34 34 N 075 24 W 076 12 W
1/18/2022	Extension	A	WHOI New York Bight SE Acoustic Buoy	SE of New York City, NY	40 41 N 40 01 N 073 03 W 073 55 W
1/20/2022	Extension	A	Rutgers University and WHOI Coastal New Jersey Slocum glider	SE of Atlantic City, NJ	39 25 N 38 44 N 073 44 W 074 36 W

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1/24/2022	New	14	Center for Coastal Studies aerial survey team	SE of Nantucket Island, MA	41 14 N 40 27 N 068 58 W 070 00 W
1/24/2022	Extension	3	Center for Coastal Studies aerial survey team and New England Aquarium vessel survey	S of Nantucket Island, MA	38 38 N 37 58 N 074 13 W 075 04 W
2/1/2022	Extension	A	WHOI Atlantic City buoy and Rutgers University and WHOI Coastal New Jersey Slocum glider	SE of Atlantic City, NJ	39 25 N 38 44 N 073 44 W 074 36 W
2/3/2022	New	A	WHOI and NEFSC Cox Ledge Slocum glider	W of Martha's Vineyard, MA	41 38 N 40 58 N 070 32 W 071 26 W
2/6/2022	New	A	WHOI New York Bight SE Acoustic Buoy	SE of New York City, NY	40 35 N 39 56 N 072 47 W 073 40 W
2/9/2022	New	A	Ocean City University of Maryland Center for Environmental Science/WHOI Acoustic Buoy	E of Ocean City, MD	38 38 N 37 58 N 074 13 W 075 04 W
2/12/2022	Extension	A	WHOI Atlantic City buoy	SE of Atlantic City, NJ	39 25 N 38 44 N 073 44 W 074 36 W
2/18/2022	Extension	A	WHOI and NEFSC Cox Ledge Slocum glider	W of Martha's Vineyard, MA	41 38 N 40 58 N 070 32 W 071 26 W
2/18/2022	Extension	A	WHOI New York Bight SE Acoustic Buoy	SE of New York City, NY	40 35 N 39 56 N 072 47 W 073 40 W
2/21/2022	Extension	A	Rutgers University and WHOI Coastal New Jersey Slocum glider	SE of Atlantic City, NJ	39 25 N 38 44 N 073 44 W 074 36 W

Trigger Date (date of RW sightings)	Type (New or Extension)	Number of right whales sighted or A=right whales acoustically detected	Sightings Source	General Location	Boundaries
2/22/2022	New	A	WHOI and NEFSC Stellwagen Slocum glider	E of Boston, MA	42 46 N 42 06 N 070 11 W 071 05 W
2/24/2022	Extension	A	Ocean City University of Maryland Center for Environmental Science/WHOI Acoustic Buoy	E of Ocean City, MD	38 38 N 37 58 N 074 13 W 075 04 W
2/27/2022	Extension	A	WHOI and NEFSC Cox Ledge Slocum glider	W of Martha's Vineyard, MA	41 38 N 40 58 N 070 32 W 071 26 W
3/1/2022	New	6	NE Aquarium aerial and vessel survey team	S of Nantucket, MA	41 17 40 36 N 069 35 W 070 29 W
3/1/2022	New	A	Rutgers University and WHOI Coastal New Jersey Slocum glider	SE of Atlantic City, NJ #2	39 00 N 38 20 N 073 31 W 074 22 W
3/3/2022	New	A	WHOI and NEFSC Cox Ledge Slocum glider	S of Martha's Vineyard, MA	41 19 N 40 39 N 070 05 W 070 58 W
3/5/2022	Extension	A	WHOI and NEFSC Stellwagen Slocum glider	E of Boston, MA	42 46 N 42 06 N 070 11 W 071 05 W
3/5/2022	Extension	A	WHOI Atlantic City buoy	SE of Atlantic City, NJ	39 25 N 38 44 N 073 44 W 074 36 W
3/4/2022	New	13	NEFSC aerial survey team	S of Martha's Vineyard #2, MA	41 25 N 40 41 N 070 10 W 071 10 W
3/7/2022	New	3	NEFSC aerial survey team	E of Boston #2, MA	42 37 N 41 58 N 070 08 W 071 02 W

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3/9/2022	New	A	WHOI New York Bight SE Acoustic Buoy	SE of New York City, NY	40 35 N 39 56 N 072 47 W 073 40 W
3/10/2022	Extension	A	WHOI and NEFSC Cox Ledge Slocum glider	W of Martha's Vineyard, MA	41 38 N 40 58 N 070 32 W 071 26 W
3/15/2022	Extension	A	WHOI and NEFSC Stellwagen Slocum glider	E of Boston, MA	42 46 N 42 06 N 070 11 W 071 05 W
3/16/2022	New	3	HDR aerial survey team	E of Virginia Beach, VA	37 18 N 36 38 N 074 37 W 075 26 W
3/17/2022	New	A	Ocean City University of Maryland Center for Environmental Science/WHOI Acoustic Buoy	E of Ocean City, MD	38 38 N 37 58 N 074 13 W 075 04 W
3/18/2022	Extension	3	NEFSC aerial survey team	E of Boston #2, MA	42 37 N 41 58 N 070 08 W 071 02 W
3/18/2022	Extension	A	WHOI New York Bight SE Acoustic Buoy	SE of New York City, NY	40 35 N 39 56 N 072 47 W 073 40 W
3/24/2022	Extension	A	WHOI and NEFSC Cox Ledge Slocum glider	W of Martha's Vineyard, MA	41 38 N 40 58 N 070 32 W 071 26 W
3/23/2022	New	4	NE Aquarium survey team	SW of Martha's Vineyard, MA	41 37 N 40 56 N 070 20 W 071 14 W
3/26/2022	New	4	NEFSC aerial survey team	SW of Nantucket Island, MA	41 25 N 40 49 N 069 50 W 070 38 W

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3/24/2022	New	A	WHOI Atlantic City buoy	SE of Atlantic City, NJ	39 25 N 38 44 N 073 44 W 074 36 W
3/26/2022	Extension	A	WHOI and NEFSC Stellwagen Slocum glider	E of Boston, MA	42 46 N 42 06 N 070 11 W 071 05 W
3/28/2022	Extension	A	WHOI New York Bight SE Acoustic Buoy	SE of New York City, NY	40 35 N 39 56 N 072 47 W 073 40 W
3/29/2022	New	A	WHOI and NEFSC Gulf of Maine Slocum glider	E of Chatham, MA	42 01 N 41 20 N 069 14 W 070 08 W
4/4/2022	Extension	A	WHOI and NEFSC Stellwagen Slocum glider	E of Boston, MA	42 46 N 42 06 N 070 11 W 071 05 W
4/5/2022	Extension	4	NEFSC aerial survey team	SW of Nantucket Island, MA	41 25 N 40 49 N 069 50 W 070 38 W
4/12/2022	New	3	Public	S of Portsmouth, NH	43 02 N 42 22 N 070 11 W 071 05 W
4/18/2022	New	4	NEFSC aerial survey team and Boston Harbor Cruises Whale Watch	E of Boston #1, MA	42 33 N 41 55 N 070 08 W 071 02 W
4/18/2022	New	7	NEFSC aerial survey team and Boston Harbor Cruises Whale Watch	E of Boston #2, MA	42 40 N 42 02 N 070 18 W 071 17 W
4/23/2022	New	8	NEFSC aerial survey team	SE of Nantucket, MA	40 57 N 40 20 N 069 15 W 070 04 W

Trigger Date (date of RW sightings)	Type (New or Extension)	Number of right whales sighted or A=right whales acoustically detected	Sightings Source	General Location	Boundaries
4/27/2022	Extension	7	NEFSC aerial survey team and Boston Harbor Cruises Whale Watch	E of Boston #1, MA	42 33 N 41 55 N 070 08 W 071 02 W
4/27/2022	Extension		NEFSC aerial survey team and Boston Harbor Cruises Whale Watch	E of Boston #2, MA	42 40 N 42 02 N 070 18 W 071 17 W
4/27/2022	Extension		NEFSC aerial survey team and Boston Harbor Cruises Whale Watch	S of Portsmouth, NH	43 02N 42 22 N 070 11 W 071 05 W
5/6/2022	Extension	20 and 14	NE Aquarium Survey Team Boston Harbor Cruises MA Environmental Police Stellwagen Bank NMS research vessel	E of Portsmouth, NH and Boston, MA	43 02 N 42 22 N 070 11 W 071 05 W 42 33 N 41 55 N 070 08 W 071 02 W 42 40 N 42 02 N 070 18 W 071 17 W
5/6/2022	Extension	A	Stellwagen Slocum Glider	E Boston, MA	42 48 N 42 08 N 070 13 W 071 07 W
8/30/2022	New	9	Seabird Chater Cruise	SE of Nantucket, MA	41 22 N 40 36 N 069 15 W 070 13 W
9/10/2022	Extension	4	NE Aquarium Survey Team	SE of Nantucket, MA	41 22 N 40 36 N 069 15 W 070 13 W
9/21/2022	Extension	4	NE Aquarium Survey Team	SE of Nantucket, MA	41 22 N 40 36 N 069 15 W 070 13 W

Trigger Date (date of RW sightings)	Type (New or Extension)	Number of right whales sighted or A=right whales acoustically detected	Sightings Source	General Location	Boundaries
10/10/2022	New	10	NEFSC aerial survey team	SE of Nantucket, MA	41 17 N 40 41 N 069 29 W 070 20 W
10/28/2022	New	A	WHOI Atlantic City buoy	SE of Atlantic City, NJ	39 25 N 38 44 N 073 44 W 074 36 W
11/16/2022	New	A	Ocean City University of Maryland Center for Environmental Science/WHOI Acoustic Buoy	E of Ocean City, MD	38 38 N 37 58 N 074 13 W 075 04 W
11/17/2022	New	A	WHOI New York Bight NW Acoustic Buoy	SE of New York City, NY	40 41 N 40 01 N 073 03 W 073 55 W
11/19/2022	New	6	NEFSC aerial survey team	E of Portsmouth, NH	43 31 N 42 47 N 069 37 W 070 37 W
11/21/2022	New	A	WHOI and NEFSC Cox Ledge Slocum Glider	SW of Nantucket, MA	41 25 N 40 45 N 069 52 W 070 45 W
11/22/2022	New	3	NEFSC aerial survey team	S of Nantucket, MA	41 16 N 40 36 N 069 31 W 070 23 W
11/27/2022	New	A	WHOI Atlantic City buoy	SE of Atlantic City, NJ	39 25 N 38 44 N 073 44 W 074 36 W
11/29/2022	Extension	A	Ocean City University of Maryland Center for Environmental Science/WHOI Acoustic Buoy	E of Ocean City, MD	38 38 N 37 58 N 074 13 W 075 04 W
12/1/2022	New	A	University of Maine and NEFSC Northern Gulf of Maine Slocum glider	E of Portland, ME	43 50 N 43 10 N 068 18 W 069 13 W

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12/8/2022	Extension	A	WHOI Atlantic City buoy	SE of Atlantic City, NJ	39 25 N 38 44 N 073 44 W 074 36 W
12/10/2022	Extension	A	Ocean City University of Maryland Center for Environmental Science/WHOI Acoustic Buoy	E of Ocean City, MD	38 38 N 37 58 N 074 13 W 075 04 W
12/13/2022	New	5	NEFSC aerial survey team	SE of Portsmouth, NH	43 16 N 42 36 N 069 47 W 070 41 W
12/14/2022	New	A	WHOI and NEFSC Cox Ledge Slocum glider	S of Martha's Vineyard, MA	41 20 N 40 40 N 070 10 W 071 02 W
12/16/2022	New	A	WHOI New York Bight SE Acoustic Buoy	SE of New York City, NY	40 35 N 39 56 N 072 47 W 073 40 W
12/20/2022	Extension	A	Ocean City University of Maryland Center for Environmental Science/WHOI Acoustic Buoy	E of Ocean City, MD	38 38 N 37 58 N 074 13 W 075 04 W
12/21/2022	New	6	Center for Coastal Studies aerial team	Cape Cod Bay, MA	42 09 N 41 31 N 069 56 W 070 47 W
12/24/2022	New	A	WHOI Atlantic City buoy	SE of Atlantic City, NJ	39 25 N 38 44 N 073 44 W 074 36 W
12/28/2022	Extension	A	WHOI New York Bight SE Acoustic Buoy	SE of New York City, NY	40 35 N 39 56 N 072 47 W 073 40 W
12/29/2022	New	3	PSOs aboard wind farm vessel	S of Nantucket, MA	41 04 N 40 24 N 069 44 W 070 36 W

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12/29/2022	Extension	A	Ocean City University of Maryland Center for Environmental Science/WHOI Acoustic Buoy	E of Ocean City, MD	38 38 N 37 58 N 074 13 W 075 04 W