

# Lieutenant Sean Egan

Meteorology and Oceanography, United States Navy Reserve

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Lieutenant Sean Egan is a native of Fairbanks, Alaska. He earned a Bachelor of Science in Chemistry and a Doctor of Philosophy in Atmospheric Chemistry. He was commissioned in 2017 through Officer Candidate School in Newport, Rhode Island, and entered the Navy's Meteorology and Oceanography (METOC) community in 2018. Following Information Warfare training at Dam Neck, Virginia, and Basic Oceanography Accession Training in Gulfport, Mississippi, he reported to the Joint Typhoon Warning Center (JTWC) in Pearl Harbor, Hawaii, in February 2018.

At JTWC, Lieutenant Egan qualified as command duty officer and typhoon duty officer and completed the METOC Officer, Information Warfare Officer and Space Cadre qualifications. He served as N3 operations department head and led the establishment of the JTWC Development and Innovation Group, which developed Sailors with prior programming experience and applied their skills to projects improving the command's data ingestion, processing and visualization capabilities.

In February 2022, Lieutenant Egan reported to Fleet Weather Center Norfolk, Aviation Detachment Germany, at Kapaun Air Station, Germany, where he served as officer in charge of a 30-Sailor detachment. His team provided aviation meteorology and resource-protection support to shore-based U.S. Navy and Marine Corps units across the U.S. European Command, U.S. Africa Command and U.S. Central Command areas of responsibility. He directed the installation and sustainment of microweather sensing systems across those theaters to address gaps in organic environmental sensing. Lieutenant Egan also served as the Information Warfare liaison to the 21st Operational Weather Squadron, coordinating the integration of Navy personnel with the 24th and 450th Intelligence Squadrons. There, Sailors applied Navy Information Warfare expertise to signals, electronic and imagery intelligence collection supporting Distributed Common Ground System-4 and combatant command priorities.

Lieutenant Egan transitioned to the U.S. Navy Reserve on Aug. 1, 2025. In the Reserve, he has supported Fleet Weather Center Norfolk's redevelopment of its tropical cyclone concept of operations and trained direct-commission METOC officers pursuing METOC and Information Warfare qualifications. He is currently attached to the Naval Oceanography Operations Command, supporting global undersea warfare and reachback. His personal decorations include the Meritorious Service Medal, Navy and Marine Corps Commendation Medal and Joint Service Achievement Medal.