

eMOLT Winter 2019 Update

Realtime bottom temperature telemetry

We now have 25 vessels with satellite transmitters sending bottom temperatures in realtime and hope to have another dozen by the end of this year. As the gear is hauled on deck, it automatically sends raw



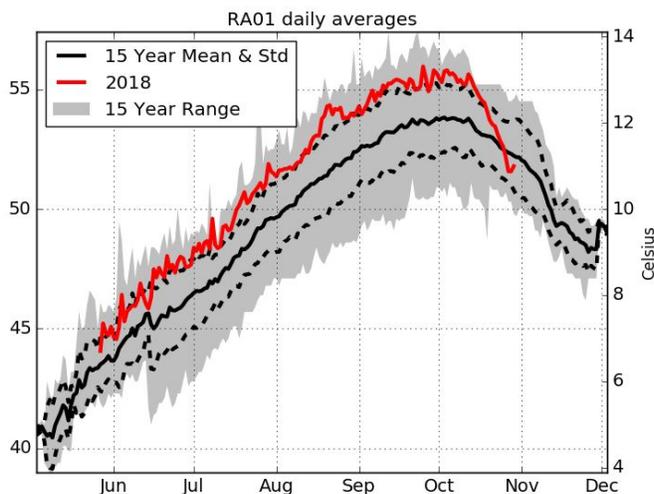
data to an on-board computer in the wheelhouse, processes the information, plots it, and relays the position along with averaged temperature and depths to our desktops via the satellite. Well over 5000 hauls have reported to date. If you are a year-round fisherman in relatively deep water and would like to try the new instrumentation, please let us know by emailing james.manning@noaa.gov.

Importance of good documentation

As I mention in each mailing, we need to remind those using the original probes to supply well-documented latitude, longitude, and depths when you mail your probe back. If you have not mailed in your probe from 2018, please send it to: Jim Manning, NOAA, 166 Water St, Woods Hole, MA 02543

2018 was another warm year

As seen at Ricky Alley's 16 fathom site off mid-coast Maine (figure to the left), the summer of 2018 was relatively warm but there was a cooling event that occurred in October. This happened at most sites along the coast.



Maine Fishermens Forum Plan

The eMOLT project will be presented by Erin, Cassie, and others in a regular seminar beginning at 1pm on Thursday afternoon in the Monhegan Room (near the lobby). Jim Manning may participate remotely. See CFN and MFF website for [description of the seminar](#).

eMOLT.org now at GOMLF

As the eMOLT program is slowly transitioning from a NOAA-based operation to the Gulf of Maine Lobster Foundation, the emolt.org website now points to GOMLF.org.

Other Project Updates:

Drifters

While less of a focus this year, the drifter project is still active with several dozen deployments in 2018. One of the most interesting projects this past year was the deployment of drifters by Mass Audubon and URI in Cape Cod Bay. An animation of that activity can be seen at http://nefsc.noaa.gov/drifter/drift_audubon_2018_1.gif. If any of your local schools would like to be involved, please have them contact Erin Pelletier (erin@gomlf.org at the Gulf of Maine Lobster Foundation) who, along with Cassie Stymiest, continues to make this program work. See gomlf.org “drifters” section or www.studentdrifters.org.

Unmanned sail boats or “miniboats”

Educational Passages, now run out of the Gulf of Maine Lobster Foundation in Kennebunk, has launched over 100 miniboats and has been expanding its operation in the last few years (visit educationalpassages.org). Dozens of these units are being deployed around the world each year and some by eMOLT participants. Sensor packages have been installed on some of the boats to report back oceanographic parameters in realtime. They are tracked along with the drifters so the students (and the general public like yourselves) can see where they are located on multiple websites such as <http://explore.educationalpassages.org> and http://www.nefsc.noaa.gov/drifter/drift_X.html.

Other

Other projects involving deployment of a) current meters, b) cameras, and c) weather stations are now on the back burner until a funding source becomes available to restore that activity.