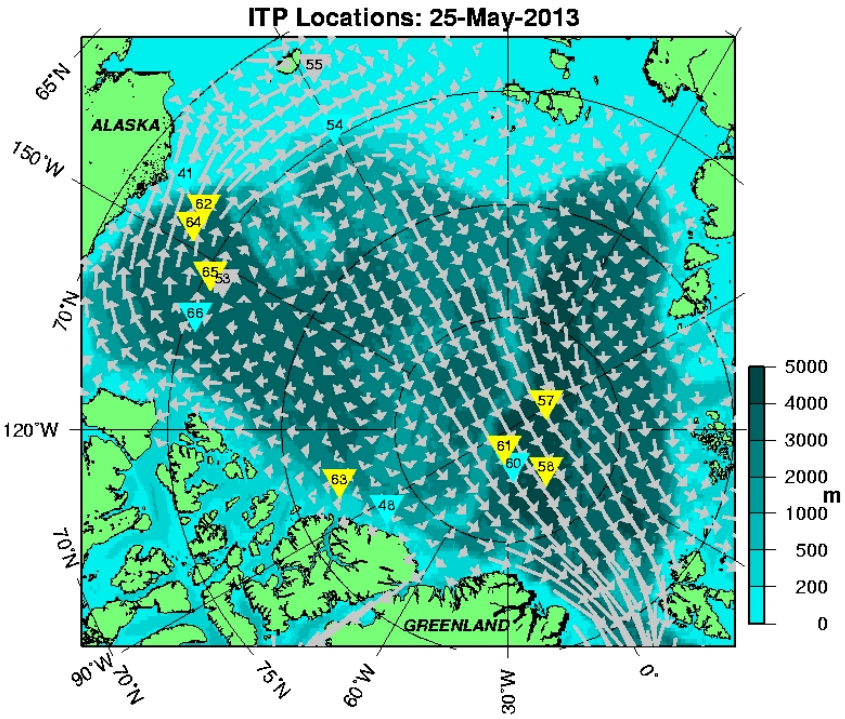
Print

Ice-Tethered Profiler: Data

PROFILES TO DATE:

The ITP program is an international effort with International Polar Year contributions from the European Union program DAMOCLES (Developing Arctic Modeling and Observing Capabilities for Long-term Environmental Studies) and collaborations between the Alfred Wegener Institute for Polar and Marine Research (AWI), Arctic and Antarctic Research Institute (AARI), French Polar Institute (IPEV), Shirshov Institute of Oceanography, the U.K. ASBO and TEA-COSI programmes, Yale University and WHOI.

Current positions of active ITPs are shown to the right. Status information for the active systems and summaries of the data acquired from systems that have completed their missions are accessible using the links in the table below or the navigation buttons on the left. Full documentation of the data processing procedures and file formats are given on the Data Products subpage which also supports access to an FTP site holding all available data. Data files from specific ITP systems may also be accessed from each instrument's subpage. Final ITP data are also being sent to national data archives.



Latest locations of all active ITPs. Systems that are presently providing location and profile data are in yellow, those that are providing locations only (profiler status uncertain) are in cyan, and those that have not transmitted data for over one month are plotted in gray. Also shown are annual ice drift vectors from IABP on IBCAO bathymetry.

Plots of engineering information and of the preliminary ocean profile data for each of the ITP systems are available here, or via the navigation buttons to the right:

Deployment year	Completed Missions	Active Systems
2004	ITP2	
2005	ITP1, ITP3	
2006	ITP4, ITP5, ITP6	
2007	ITP7, ITP8, ITP9, ITP10, ITP11, ITP12, ITP13, ITP14, ITP15, ITP16, ITP17, ITP18	
2008	ITP19, ITP20, ITP21, ITP22, ITP23, ITP24, ITP25, ITP26, ITP27, ITP28, ITP29, ITP30, *ITP31-S*	
2009	ITP32, ITP33, ITP34, ITP35, ITP36, ITP37	
2010	ITP38, *ITP40-S*, ITP42, ITP43, ITP44	LMP39-CL, ITP41
2011	ITP50	LMP45-FL, LMP46-FL, ITP47, ITP48, ITP49, ITP51, ITP52, ITP53, ITP54, ITP55

2012		ITP56, ITP57, ITP58, ITP60, ITP62, ITP63, ITP64, ITP65, ITP66, itm1, itm2
2013	ITP61	

While most ITPs are deployed in the Arctic Basin, some have been adapted for deployment in the Antarctic (-*S* in *itallics*) and in lakes (Crater Lake, Oregon -CL and Flathead Lake, Montana -FL in bold). The Ice-Tethered Micro-mooring, or "itm", is based on the ITP technology but includes several fixed instruments on the mooring line instead of a profiling unit.

How to acknowledge ITP data:

We ask that the following acknowledgment be given when ITP data are used:

"The Ice-Tethered Profiler data were collected and made available by the Ice-Tethered Profiler Program (Toole et al., 2011; Krishfield et al., 2008) based at the Woods Hole Oceanographic Institution (http://www.whoi.edu/itp)."

If you are using ITP data, please provide us with a citation to include in our compilation of publications that utilize ITP data (contact us).

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