

Ice-Tethered Profiler: ITP 10 Overview

Deployment Location: 9/10/2007, 9:00 UTC at 84° 59.6'N, 132° 14.6'W

Last Location: 5/24/2008, 23:00 UTC at 83° 33.6' N, 110° 46.6' W

Duration: 258 days

Distance Travelled: 910 km

Number of profiles: 537 in 258 days

Other instruments: IMB 30466



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ITP 10 in the morning twilight shortly after deployment in September 2007. Photo by John Kemp.

ITP10 was deployed on a 2.9 m thick icefloe from the Russian icebreaker "Akademik Federov" as part of the European Union [DAMOCLES](#) Program in 2007. On the same icefloe, a [US Army Cold Regions Research and Engineering Laboratory \(CRREL\) Ice Mass Balance Buoy](#) (IMB 30466) was also installed. The ITP operated on a typical sampling schedule of 2 one-way profiles between 7 and 760 m depth each day.

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Mail: Woods Hole Oceanographic Institution, 266 Woods Hole Road, Woods Hole, MA 02543, USA.

E-Contact: info@whoi.edu; press relations: media@whoi.edu, tel. (508) 457-2000

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