

Ice-Tethered Profiler: ITP 9 Overview

Deployment Location: 9/11/2007, 21:00 UTC at 87° 4.2'N, 130° 16.5'W

Last Location: 7/9/2010, 23:00 UTC at 79° 38.8' N, 113° 30.9' W

Duration: 1032 days

Distance Travelled: 4266 km

Number of profiles: 1480 in 680 days

Other instruments: IMB 30295

ITP9 was deployed on a 2.7 m thick icefloe from the Russian icebreaker "Akademik Federov" as part of the European Union [DAMOCLES](#) Program. On the same icefloe, a [US Army Cold Regions Research and Engineering Laboratory \(CRREL\) Ice Mass Balance Buoy \(IMB 30295\)](#) was also installed. The ITP operated on a standard sampling schedule of 2 one-way profiles between 7 and 760 m depth each day.

Last updated: October 23, 2014



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ITP9 (foreground) and IMB (background) with installation apparatus (to be removed from the ice) after deployment from a helicopter supported remote ice camp operation from the Russian research vessel "Akademik Federov". Photo by John Kemp.

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