

SAR sensors							
Platform	Sensor	Mode	SAR band	Repetition cycle (d)	Time interval (yyyy-mm-dd)	Tracking patch sizes (p × p)	Tracking step size (p × p)
ERS-1/2	AMI SAR	IM	C band	35/3/1	1994-01-26 to 2011-06-29	64 × 320	5 × 25
RADARSAT 1	SAR	ST	C band	24	2000-09-07 to 2008-01-17	128 × 512	5 × 20
Envisat	ASAR	IM	C band	35	2006-02-15 to 2010-10-10	64 × 320	5 × 25
ALOS	PALSAR	FBS	L band	46	2006-06-25 to 2010-11-23	128 × 384	10 × 30
TerraSAR-X/ TanDEM-X	SAR	SM	X band	11	2008-10-14 to 2015-01-30	512 × 512	25 × 25
Sentinel-1a	SAR	IW	C band	12	2015-08-28 to 2016-08-22	640 × 128	50 × 10

Lidar/laser altimeter

Mission	Sensor	Type	Wavelength (nm)	Footprint (m)	Dates (yyyy-mm-dd)	Estimated accuracy	Reference
Pre-IceBridge (PIB)	ATM (L1B)	Lidar	532	1	2002-11-26 to 2004-11-18	0.10 m	Krabill (2012)
ICESat	GLAS	Laser Altimeter	1064	70	2004-05-18 to 2008-10-04	0.4 m	Zwally et al. (2014)
CECS/FACH	CAMS	Lidar	900	1	2008-12-07	0.20 m	Wendt et al. (2010)
Operation IceBridge (OIB)	ATM (L1B)	Lidar	532	1	2011-11-17 to 2014-11-10 to 2014-11-16	0.10 m	Krabill (2010, updated 2016)

Ice thickness

Mission	Sensor	Type	Bandwidth (MHz)	Sample spacing (m)	Dates (yyyy-mm-dd)
Pre-IceBridge (PIB)	ICoRDS-2	Radar	141.5–158.5	~ 130	2002-11-26
Pre-IceBridge (PIB)	ACoRDS	Radar	140–160	~ 30	2004-11-18
Operation IceBridge (OIB)	MCoRDS	Radar	180–210	~ 15	2011-11-17
Operation IceBridge (OIB)	MCoRDS 2	Radar	165–215	~ 15	2014-11-10 to 2014-11-16