



Ice streams in the Laurentide Ice Sheet: a new mapping inventory

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Projection

Canada Lambert Conformal Conic
Standard parallels 49°N and 77°N

Datum

North American Datum 1983

Mapped in 2013 from Landsat 7 ETM+ satellite imagery, Canadian Digital Elevation Data and Google Maps. Existing literature on Laurentide Ice Sheet ice streams has been used to produce the map (see Table 1).

0 250 500 750 1000 km

Record

inventory. Journal of Maps 10, XX-XX.

Sources

ID	Ice Stream name	References			
1	Mackenzie Trough	Winsborrow et al. (2004), Kleman and Glasser (2007), Murton (2009), Brown et al. (2011), Brown (2012), Batchelor et al. (2013a, b), Brown et al. (in prep.), Jakobsson et al. (in press), new mapping	112	Home Bay	Loken and Hodgson (1971), Tippett (1985), Briner et al. (2006), De Angelis and Kleman (2007)
2	Anderson	Winsborrow et al. (2004), Kleman and Glasser (2007), Brown et al. (2011), Brown (2012), Brown et al. (in prep.)	113	Oko Bay	Briner et al. (2006), new mapping
3	Horton / Paulatuk	Winsborrow et al. (2004), Kleman and Glasser (2007), Brown et al. (2011), Brown (2012), Brown et al. (in prep.)	114	Kangeek Pt	Briner et al. (2006), new mapping
4	Haldane	Winsborrow et al. (2004), Kleman and Glasser (2007), Brown et al. (2011), Brown (2012), Brown et al. (in prep.)	115	Broughton Trough	Briner et al. (2006), new mapping
5	Bear Lake	Winsborrow et al. (2004), Brown et al. (2011), Brown (2012), Brown et al. (in prep.), new mapping	116	Merchants Bay	new mapping
6	Dubawnt Lake	Stokes and Clark (2003a, b, 2004), De Angelis and Kleman (2008), Greenwood and Kleman (2010), Stokes et al. (2013), Ó Cofaigh et al. (2013)	117	Frobisher Bay deglacial	Sugden (1977), De Angelis and Kleman (2007, 2008), Andrews and MacLean (2003)
7	Saneraun Hills	Stokes et al. (2005), Storrar and Stokes (2007), Stokes et al. (2009)	118	Amadjuak Lake	De Angelis (2007), De Angelis and Kleman (2007)
8	Collinson Inlet	Stokes et al. (2005), Storrar and Stokes (2007), Stokes et al. (2009)	119	Erichsen L - Munk Island	De Angelis (2007), De Angelis and Kleman (2007), Dyke (2008)
10	M'Clintock Channel	Dyke et al. (1982), Hodgson (1994), Clark and Stokes (2001), Stokes (2002), De Angelis and Kleman (2005), Stokes et al. (2005), De Angelis (2007), Storrar and Stokes (2007), De Angelis and Kleman (2008), Stokes et al. (2009), Greenwood and Kleman (2010), MacLean et al. (2010), Niessen et al. (2010)	120	Steenbs Inlet	De Angelis (2007), De Angelis and Kleman (2007), Dyke (2008)
11	Crooked Lake	Dyke and Morris (1988), Dyke et al. (1992), Stokes et al. (2005), De Angelis and Kleman (2005), De Angelis (2007)	121	S Southampton Island / plS 5	De Angelis (2007), De Angelis and Kleman (2007), Ross et al. (2011)
12	Transition Bay	Dyke and Morris (1988), Dyke et al. (1992), De Angelis and Kleman (2005), Stokes et al. (2005), De Angelis (2007)	122	C Southampton Island / plS 11	De Angelis (2007), De Angelis and Kleman (2007)
13	Peel Sound	De Angelis and Kleman (2005), MacLean et al. (2010)	123	Massey Sound	Lamoureux and England (2000), Atkinson (2003), England et al. (2006), Jakobsson et al. (in press)
14	Central Alberta	Evans (2000), Evans et al. (2008), Ross et al. (2009), Ó Cofaigh et al. (2010), Evans et al. (2012, 2014), Atkinson et al. (2014)	124	Nansen Sound	Sugden (1977), Bednarski (1998), England et al. (2006), Jakobsson et al. (in press), new mapping
15	High Plains	Evans (2000), Evans et al. (2008), Ó Cofaigh et al. (2010), Evans et al. (2012, 2014), Atkinson et al. (2014)	125	Cap Discovery	new mapping
16	Ungava Bay fans 2	Veillette et al. (1999), Clark et al. (2000), Jansson et al. (2003)	126	Smith Sound / Nares Strait	Blake et al. (1996), England (1999), England et al. (2004, 2006), Simon et al. (2014), new mapping
17	Ungava Bay fans 1	Veillette et al. (1999), Clark et al. (2000), Jansson et al. (2003)	127	Jones Sound	Sugden (1977), Dyke (1999), new mapping
18	Amundsen Gulf	Sugden (1977), Sharpe (1988), Stokes et al. (2006), Storrar and Stokes (2007), Stokes et al. (2009), Lakeman and England (2012), Batchelor et al. (2013a,b, in press), Jakobsson et al. (in press)	128	Wellington Channel	Dyke (1999), England et al. (2006)
19	M'Clure Strait	Sugden (1977), Hodgson (1994), Stokes et al. (2006), De Angelis (2007), Storrar and Stokes (2007), Stokes et al. (2009), England et al. (2009), Niessen et al. (2010), Lakeman and England (2012), Batchelor et al. (2013a,b), Jakobsson et al. (in press)	129	Prince Gustaf Adolf Sea	Jakobsson et al. (in press), new mapping
20	Gulf of Boothia	Dyke et al. (1982), Dyke (1984), Dyke and Dredge (1989), Dredge (2000, 2001), De Angelis and Kleman (2005), Briner et al. (2006), De Angelis (2007), De Angelis and Kleman (2007), Kleman and Glasser (2007)	130	Trinity Trough	Shaw et al. (2003, 2006, 2009), Rashid et al. (2012)
21	Admiralty Inlet	De Angelis and Kleman (2005), Briner et al. (2006), De Angelis and Kleman (2007)	131	(IS in) The Gully	Shaw et al. (2006)
22	Lancaster Sound	Sugden (1977), De Angelis and Kleman (2007), Li et al. (2011), Simon et al. (2014), indirectly Briner et al. (2006)	133	Placentia Bay - Halibut Channel	Shaw et al. (2003, 2006)
23	Cumberland Sound	Sugden (1977), Jennings (1993), Jennings et al. (1996), Kirby (1998), Kaplan et al. (1999, 2001), Andrews and MacLean (2003), Briner et al. (2006), De Angelis and Kleman (2007), Rashid and Piper (2007), Rashid et al. (2012)	134	Northeast Channel IS	Schnitker et al. (2001), Shaw et al. (2006)
24	Hudson Strait	Hughes et al. (1977), Sugden (1977), Clark (1985), Josenhans and Zevenhuizen (1990), Bond et al. (1992), Laymon (1992), Andrews and Tedesco (1992), Andrews et al. (1995), Parent et al. (1995), Dowdeswell et al. (1995), Manley (1996), Marshall and Clark (1997), Andrews (1998), Hiscock et al. (2001), Andrews and Barber (2002), Andrews and MacLean (2003), Brookes (2007), De Angelis and Kleman (2007), Rashid and Piper (2007), Ross et al. (2011), Rashid et al. (2012)	135	(IS) offshore Massachusetts	Siegel et al. (2012)
25	Laurentian Channel	Grant (1989), Occhietti (1989), Mathews (1991), Keigwin and Jones (1995), Occhietti et al. (2001), Shaw et al. (2006, 2009), Rashid et al. (2012), Eyles and Putkinen (2014)	136	Oneida Lobe	Briner (2007)
26	Albany Bay	Hiccock (1988), Hiccock et al. (1989)	137	Tug Hill Plateau	new mapping
27	Des Moines Lobe	Clayton et al. (1985), Mathews (1991), Clark (1992), Patterson (1997, 1998), Hooyer and Iverson (2002), Jennings (2006), Lusardi et al. (2011)	139	Yelverton Bay	new mapping
28	James Lobe	Clayton et al. (1985), Mathews (1991), Clark (1992), Patterson (1997), Carlson et al. (2007), Ross et al. (2009), Lusardi et al. (2011)	140	Philips Inlet	new mapping
30	Lake Michigan Lobe	Whitecar and Mickelson (1979), Clayton et al. (1985), Beget (1986), Clark (1992), Bremer et al. (2002), Kehew et al. (2005)	141	Kennedy - Robeson Channel	Jakobsson et al. (in press), new mapping
31	Superior Lobe	Clayton (1985), Jennings (2006)	142	Kugluktuk	Kleman and Glasser (2007), Brown et al. (2011), Brown (2012), Brown et al. (in prep.)
33	James Bay	Parent et al. (1995), Veillette (1997)	143	Horn	Lemmen et al. (1994), Brown et al. (2011), Brown (2012), Brown et al. (in prep.), new mapping
45	Notre Dame Channel	Shaw et al. (2003, 2006, 2009), Rashid et al. (2012), new mapping	144	Fort Simpson	Brown et al. (2011), Brown (2012), Brown et al. (in prep.), new mapping
49	Huron-Erie Lobe	Karrow (1989), Hiccock (1992), Hiccock and Dreimanis (1992), Lian et al. (2003), Kehew et al. (2005), Meriano and Eyles (2009)	145	Cameron Hills fragment	Atkinson et al. (2014), new mapping
101	N Prince of Wales Island	De Angelis and Kleman (2005), De Angelis (2007)	146	Buffalo River	Atkinson et al. (2014), new mapping
102	Browne Bay	De Angelis and Kleman (2005), De Angelis (2007)	147	Caribou Mountains	Atkinson et al. (2014), new mapping
103	Bernier Bay	De Angelis and Kleman (2005), De Angelis (2007), De Angelis and Kleman (2007)	148	Birch Mountains fragments	Atkinson et al. (2014), new mapping
104	Eclipse Sound	Briner et al. (2006), De Angelis and Kleman (2007)	150	pre-Maskwa	Ó Cofaigh et al. (2010), Atkinson et al. (2014), Evans et al. (2014), new mapping
105	Navy Board Inlet	De Angelis and Kleman (2007)	151	Rocky Mountain Foothills	Ó Cofaigh et al. (2010), Atkinson et al. (2014), Evans et al. (2014), new mapping
106	S of Milne Inlet W	De Angelis and Kleman (2005), De Angelis (2007), De Angelis and Kleman (2007)	152	IS2	Ross et al. (2009), Ó Cofaigh et al. (2010), Evans et al. (2014), new mapping
107	S of Milne Inlet E	De Angelis and Kleman (2005), De Angelis (2007), De Angelis and Kleman (2007)	153	Maskwa	Ross et al. (2009), Ó Cofaigh et al. (2010), Lusardi et al. (2011), Evans et al. (2014), new mapping
108	Buchan Gulf	Loken and Hodgson (1971), Briner et al. (2006), De Angelis and Kleman (2007)	154	Smoothstone Lake fragment	Ross et al. (2009), Ó Cofaigh et al. (2010), Evans et al. (2014), new mapping
109	Scott Inlet	Loken and Hodgson (1971), Briner et al. (2006), De Angelis and Kleman (2007)	155	IS3	Ross et al. (2009), Ó Cofaigh et al. (2010), Evans et al. (2014), new mapping
110	Sam Ford Fiord	Loken and Hodgson (1971), Briner et al. (2006)	156	IS4/5	Ross et al. (2009), Ó Cofaigh et al. (2010), Evans et al. (2014), new mapping
111	Clyde Trough	Loken and Hodgson (1971), Briner et al. (2006), De Angelis and Kleman (2007)	157	Winefred Lake fragment	Atkinson et al. (2014), new mapping
			158	Lac La Ronge	Ross et al. (2009), Ó Cofaigh et al. (2010), Evans et al. (2014), new mapping
			159	Buffalo Ice Stream Corridor	Ross et al. (2009), Ó Cofaigh et al. (2010), Evans et al. (2014), new mapping
			160	Pasquia Hills fragments	
			161	Suggi Lake	
			162	Saskatchewan River	
			163	Red River Lobe	
			164	Quinn Lake	
			165	Ekwan River	
			166	Maguse Lake	
			167	Okak Bank 1, 2	
			168	Hopedale Saddle	
			169	Hawke Saddle	
			170	Cartwright Saddle	
			171	Karlsfjord Trough	
			172	McBeth Fiord	
			174	Remnant Dubawnt IS corridor	
			175	Great Slave Lake	
			176	Hay River	
			177	Peace River IS	
			178	Athabasca River IS	
			179	Hayes Lobe	
			180	Rainy Lobe	
			181	Bathurst IS	
			182	Conception Bay IS	
			183	Green Bay Lobe	
			184	Saginaw Lobe	
			185	Bay of Fundy	
			186	Happy Valley-Goose Bay IS	
			187	Kogaluk River	
			188	Payne Bay	