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Supplement of

Water stable isotope spatio-temporal variability in Antarctica in 1960–2013: observations and simulations from the ECHAM5-wiso atmospheric general circulation model

Sentia Goursaud et al.

Correspondence to: Sentia Goursaud (sentia.goursaud@lsce.ipsl.fr)

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Table S1: Metadata of the isotopic data used in the manuscript. The fist table corresponds to data provided by the A2k group, the second table corresponds to data extracted from the surface database from Masson, 2008, and the third table correspond to precipitation data (pers. Communication, 2016 and extracted from the GNIP/IAEA network). For each data, we give the name of the site, the latitude (noted as "Lat.) (in °), the longitude (noted as "Lon.") (in °C), the referencee and the covered period. Data in green refer to ice cores, while data in orange refer to precipitations. Finally, symbols on the very left inform about the analysed water stable isotope(s): ❑ dD only, ❍ dO18 only, and ❖ dD and dO18.

	Site	Lat. (°)	Lon. (°)	Reference	Period
❑	Vostok	-78.47	106.83	(Ekaykin et al., 2014)	1979-2010
❍	DML07	-75.58	356.57	(Graf et al., 2002; Sommer et al., 2000)	1979-1994
❍	DML05	-75.00	359.99	(Graf et al., 2002; Sommer et al., 2000)	1979-1996
❍	DML17	-75.17	6.50	(Graf et al., 2002; Sommer et al., 2000)	1979-1997
❍	Eastern DML (Ice divide traverse E)	-72.68	3.67	(Isaksson et al., 1999)	1979-1996
❍	Eastern DML (Ice divide traverse L)	-74.65	12.80	(Isaksson et al., 1999)	1979-1996
❍	DML Plateau Amundsenisen	-74.86	357.45	(Isaksson et al., 1999)	1979-1995
❍	DML Plateau Amundsenisen	-74.97	356.08	(Isaksson et al., 1999)	1979-1995
❍	DML Plateau Amundsenisen	-74.49	1.97	(Isaksson et al., 1999)	1979-1996
❍	DML Plateau Amundsenisen	-74.41	7.22	(Isaksson et al., 1999)	1979-1996
❍		-75.00	0.01	(Isaksson et al., 1999)	1979-1996
❍	DML Plateau Amundsenisen	-75.00	8.01	(Isaksson et al., 1999)	1979-1996
❍	DML Plateau Amundsenisen	-74.59	356.56	(Isaksson et al., 1999)	1979-1996
❍	DML Plateau Amundsenisen	-75.75	3.29	(Isaksson et al., 1999)	1979-1996
❍	DML Plateau Amundsenisen	-75.93	7.22	(Isaksson et al., 1999)	1979-1996
❍	DML Plateau Amundsenisen	-75.22	11.35	(Isaksson et al., 1999)	1979-1996
❍	DML Plateau	-74.85	351.50	(Isaksson et al., 1999)	1979-1997
❍	DML Plateau	-75.25	354.00	(Isaksson et al., 1999)	1979-1996

❍	DML Plateau	-75.17	359.01	(Isaksson et al., 1999)	1979-1997
❍	DML Plateau	-75.00	0.04	(Isaksson et al., 1999)	1979-1997
❍	DML Plateau	-74.75	1.00	(Isaksson et al., 1999)	1979-1997
❍	DML Plateau	-74.50	1.96	(Isaksson et al., 1999)	1979-1997
❍	DML Plateau	-74.67	4.00	(Isaksson et al., 1999)	1979-1997
❍	DML Plateau	-75.08	6.50	(Isaksson et al., 1999)	1979-1997
❍	DML Plateau	-75.25	6.50	(Isaksson et al., 1999)	1979-1997
❍	DML Plateau	-75.17	5.00	(Isaksson et al., 1999)	1979-1997
❍	DML Plateau	-75.08	2.50	(Isaksson et al., 1999)	1979-1997
❍	DML Plateau	-74.96	358.50	(Isaksson et al., 1999)	1979-1997
❍	DML Plateau	-75.00	355.50	(Isaksson et al., 1999)	1979-1997
❍	DML Plateau	-75.00	353.50	(Isaksson et al., 1999)	1979-1997
❍	DML Plateau	-74.97	3.92	(Isaksson et al., 1999)	1979-1997
❍	**WAIS**	**-86.50**	**252.01**	**(Steig et al., 2013)**	**1979-2003**
❍	Plateau Remote	-84.00	43.00	(Consortium, 2013)	1979-1986
❍	Talos Dome	-72.82	159.18	(Stenni et al., 2011)	1979-1991
❑	Talos Dome	-72.80	159.06	(Consortium, 2013; Stenni et al., 2002)	1979-1995
❑	SPRESSO (South Pole)	-89.93	144.39	(Steig et al., 2013)	1979-1998
❖	**NUS 08-7**	**-74.12**	**1.60**	**(Steig et al., 2013)**	**1979-2008**
❖	**NUS 07-1**	**-73.72**	**7.94**	**(Steig et al., 2013)**	**1979-2005**
❑	400th km	-69.95	95.62	(Ekaykin et al., 2017)	1979-1987
❑	NVFL-3	-76.41	102.17	(Ekaykin et al., 2017)	1979-2009
❖	PV-10	-72.81	79.93	(Ekaykin et al., 2017)	1979-2009
❍	DSS	-66.77	112.81	(Consortium, 2013; Plummer et al., 2012)	1979-1995
❑	105^{th} km	-67.43	93.38	(Ekaykin et al., 2017)	1979-1987

❍	Berkner island B25	-79.57	314.28	(Mulvaney et al., 2002; Ruth et al., 2004)	1979-1992
❍	Gomez	-73.59	289.64	(Thomas et al., 2009; Thomas et al., 2008)	1979-2006
❑	James Ross Island	-64.20	302.32	(Consortium, 2013; Mulvaney et al., 2012)	1979-2007
❍	Dyer Plateau	-70.68	295.13	(Thompson et al., 1994)	1979-2002
❍	Bruce Plateau	-66.04	295.92	(Goodwin et al., 2016)	1979-2009
❑	Ferrigno	-74.97	273.18	(Thomas et al., 2013)	1979-2010
❍	Siple station	-75.92	275.75	(Consortium, 2013)	1979-1983
❖	**WAIS**	**-79.46**	**247.91**	**(Steig et al., 2013)**	**1979-2005**
❍	**WAIS**	**-80.62**	**237.37**	**(Steig et al., 2013)**	**1979-2000**
❍	**WAIS**	**-79.38**	**248.76**	**(Steig et al., 2013)**	**1979-2001**
❍	**WAIS**	**-79.73**	**248.50**	**(Steig et al., 2013)**	**1979-2000**
❑	**WAIS**	**-78.43**	**248.08**	**(Steig et al., 2013)**	**1979-2001**
❍	**WAIS**	**-78.08**	**239.92**	**(Steig et al., 2013)**	**1979-2000**
❍	**WAIS**	**-77.68**	**236.01**	**(Steig et al., 2013)**	**1979-1999**
❍	**WAIS**	**-78.33**	**235.52**	**(Steig et al., 2013)**	**1979-1998**
❍	**WAIS**	**-79.16**	**255.03**	**(Steig et al., 2013)**	**1986-2002**
❍	**WAIS**	**-82.00**	**249.99**	**(Steig et al., 2013)**	**1979-2002**
❑	**WAIS**	**-78.12**	**264.35**	**(Steig et al., 2013)**	**1979-2002**
❍	**WAIS**	**-77.61**	**267.75**	**(Steig et al., 2013)**	**1979-2001**
❍	**WAIS**	**-77.06**	**270.86**	**(Steig et al., 2013)**	**1979-2002**
❍	**WAIS**	**-82.00**	**249.99**	**(Steig et al., 2013)**	**1979-2003**
❍	**WAIS**	**-83.50**	**255.01**	**(Steig et al., 2013)**	**1979-2002**
❑	**RICE (Rosevelt Island)**	**-83.50**	**255.01**	**(pers. Comm., RICE Science Team. Bertler, 2016 et al., 2016)**	**1979-2011**

❍	Victoria Land (north: Hercule Neve plateau)	-73.10	165.40	(pers. Comm,, Stenni, 2016)	1979-1992
❑	Victoria Lower Glacier	-77.33	162.53	(Bertler et al., 2011)	1979-2000
❑	Mt Erebus Saddle	-77.52	167.68	(Rhodes et al., 2012)	1979-2007
❑	Whitehall Glacier	-72.90	169.08	(Sinclair et al., 2014; Sinclair et al., 2012)	1979-2006
❍	IND 22B4 Coastal Dronning Maud Land (hereafter, DML)	-70.86	11.54	(Consortium, 2013)	1979-1994
❍	**IND 25B5 Coastal DML**	**-71.34**	**11.59**	**(Naik et al., 2010)**	**1979-2006**
❍	DML Fimbulisen G3	-69.83	359.38	(Schlosser et al., 2012)	1993-2009
❍	DML Fimbulisen G4	-70.90	359.60	(Schlosser et al., 2012)	1983-2009
❍	DML Fimbulisen G5	-70.55	359.95	(Schlosser et al., 2012)	1983-2009
❍	DML Fimbulisen G8	-70.42	2.02	(Schlosser et al., 2012)	1991-2009
❍	DML Fimbulisen LP1	-70.24	4.80	(Schlosser et al., 2012)	1992-2009
❍	DML Fimbulisen M2	-70.33	359.89	(Schlosser et al., 2012)	1981-2009
❍	DML Fimbulisen S20	-70.25	4.82	(Schlosser et al., 2012)	1979-1996
❍	DML Fimbulisen S32	-70.32	359.20	(Schlosser et al., 2012)	1995-2009
❍	DML Fimbulisen S100	-70.24	4.80	(Kaczmarska et al., 2004)	1979-1999
❍	DML Ritscherflya A89	-72.66	343.35	(Isaksson and Karlén, 1994)	1979-1988
❍	DML Ritscherflya C89	-72.77	345.23	(Isaksson and Karlén, 1994)	1979-1987
❍	DML Ritscherflya D89	-73.46	347.44	(Isaksson and Karlén, 1994)	1979-1988
❍	DML Ritscherflya E89	-73.60	347.57	(Isaksson and Karlén, 1994)	1979-1988
❍	DML Ritscherflya E91	-73.60	347.57	(Isaksson et al., 1996)	1979-1991
❍	DML Ritscherflya F89	-73.83	347.78	(Isaksson and Karlén, 1994)	1979-1988
❍	DML Ritscherflya G89	-74.02	347.97	(Isaksson and Karlén, 1994)	1979-1988

❍	DML Ritscherflya H89	-74.35	348.27	(Isaksson and Karlén, 1994)	1979-1988
❍	DML Georg-von-Neumayer station B04	-70.62	351.63	(Schlosser, 1999)	1979-1981
❍	DLM Ekstroem E002	-70.62	351.63	(Oerter et al., 1999)	1979-1986
❍	DLM Ekstroem E040	-70.96	351.48	(Oerter et al., 1999)	1979-1986
❍	DLM Ekstroem E090	-71.40	351.64	(Oerter et al., 1999)	1979-1986
❍	DLM Ekstroem E160	-71.98	351.27	(Oerter et al., 1999)	1979-1986
❍	DLM Ekstroem E180	-72.17	351.17	(Oerter et al., 1999)	1979-1984
❍	DML Neumayer FB0189	-70.66	351.75	(Schlosser, 1999)	1979-1988
❍	DML Halvfarryggen FRBO101	-71.21	353.21	(Fernandoy et al., 2010)	1995-2001
❍	DML Søråsen FB0203	-71.46	350.14	(Fernandoy et al., 2010)	1996-2001
❍	Eastern DM A98 (DML Ice Divide traverse A)	-71.90	3.08	(Isaksson et al., 1999)	1979-1996
❍	Eastern DML B89 (DML Ice divide traverse B)	-72.13	3.18	(Isaksson et al., 1999)	1979-1996
❍	Eastern DML S15 (DML Ice divide traverse S15)	-71.20	4.61	(Isaksson et al., 1999)	1979-1996
❍	DML Plateau (Kottas Camp) FB9802	-74.21	350.25	(Oerter et al., 2000)	1979-1997
❖	King George Island (South Shetland Islands)	-62.13	301.33	(Fernandoy et al., 2012)	-
❖	King George Island (South Shetland Islands)	-62.13	301.23	(Fernandoy et al., 2012)	-
❖	King George Island (South Shetland Islands)	-62.16	301.11	(Fernandoy et al., 2012)	-
❖	O'Higgins (Northern Peninsula)	-63.33	302.16	(Fernandoy et al., 2012)	-

❖	O'Higgins (Northern Peninsula)	-63.36	302.20	(Fernandoy et al., 2012)	-
❖	O'Higgins (Northern Peninsula)	-63.38	302.38	(Fernandoy et al., 2012)	-
❖	O'Higgins (Northern Peninsula)	-63.45	302.24	(Fernandoy et al., 2012)	-
❍	f	-74.68	164.50	(Gragnani et al., 1998)	-
❍	Dolleman Island	-70.59	299.08	(Peel and Mulvaney, 1992)	-
❖	37.00	-77.69	164.40	(Gooseff et al., 2006)	-
❖	236.00	-77.00	163.00	(Gooseff et al., 2006)	-
❍	A	-72.65	343.37	(Isaksson and Karlén, 1994)	-
❖	MirnyVostokVK 1385	-66.56	93.27	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	121.00	-77.73	163.21	(Gooseff et al., 2006)	-
❖	38.00	-77.69	163.11	(Gooseff et al., 2006)	-
❖	77.00	-77.69	163.09	(Gooseff et al., 2006)	-
❖	78.00	-77.69	163.09	(Gooseff et al., 2006)	-
❖	79.00	-77.69	163.09	(Gooseff et al., 2006)	-
❖	80.00	-77.69	163.09	(Gooseff et al., 2006)	-
❖	81.00	-77.69	163.09	(Gooseff et al., 2006)	-
❖	82.00	-77.69	163.09	(Gooseff et al., 2006)	-
❖	83.00	-77.69	163.09	(Gooseff et al., 2006)	-
❖	84.00	-77.69	163.09	(Gooseff et al., 2006)	-
❖	85.00	-77.69	163.09	(Gooseff et al., 2006)	-
❑	86.00	-77.69	163.09	(Gooseff et al., 2006)	-
❑	87.00	-77.69	163.09	(Gooseff et al., 2006)	-
❑	88.00	-77.69	163.09	(Gooseff et al., 2006)	-
❖	39.00	-77.68	163.11	(Gooseff et al., 2006)	-
❑	75.00	-77.68	163.09	(Gooseff et al., 2006)	-

❑	76.00	-77.68	163.09	(Gooseff et al., 2006)	-
❑	77.00	-77.68	163.09	(Gooseff et al., 2006)	-
❑	78.00	-77.68	163.09	(Gooseff et al., 2006)	-
❑	79.00	-77.68	163.09	(Gooseff et al., 2006)	-
❑	80.00	-77.68	163.09	(Gooseff et al., 2006)	-
❑	81.00	-77.68	163.09	(Gooseff et al., 2006)	-
❑	82.00	-77.68	163.09	(Gooseff et al., 2006)	-
❖	41.00	-77.68	163.08	(Gooseff et al., 2006)	-
❑	90.00	-77.67	163.08	(Gooseff et al., 2006)	-
❖	29.00	-77.68	163.08	(Gooseff et al., 2006)	-
❖	33.00	-77.67	163.09	(Gooseff et al., 2006)	-
❖	40.00	-77.68	163.08	(Gooseff et al., 2006)	-
❖	42.00	-77.68	163.08	(Gooseff et al., 2006)	-
❑	92.00	-77.67	163.09	(Gooseff et al., 2006)	-
❖	31.00	-77.67	163.08	(Gooseff et al., 2006)	-
❖	46.00	-77.68	163.07	(Gooseff et al., 2006)	-
❖	54.00	-77.58	163.33	(Gooseff et al., 2006)	-
❖	254.00	-77.59	163.32	(Gooseff et al., 2006)	-
❖	28.00	-77.67	163.08	(Gooseff et al., 2006)	-
❖	47.00	-77.59	163.31	(Gooseff et al., 2006)	-
❖	45.00	-77.68	163.06	(Gooseff et al., 2006)	-
❖	57.00	-77.58	163.34	(Gooseff et al., 2006)	-
❑	93.00	-77.66	163.08	(Gooseff et al., 2006)	-
❑	94.00	-77.66	163.08	(Gooseff et al., 2006)	-
❑	95.00	-77.66	163.08	(Gooseff et al., 2006)	-
❑	96.00	-77.66	163.08	(Gooseff et al., 2006)	-
❖	27.00	-77.69	163.05	(Gooseff et al., 2006)	-
❖	30.00	-77.67	163.07	(Gooseff et al., 2006)	-
❖	32.00	-77.67	163.07	(Gooseff et al., 2006)	-

❖	43.00	-77.69	163.05	(Gooseff et al., 2006)	-
❖	44.00	-77.68	163.05	(Gooseff et al., 2006)	-
❖	58.00	-77.58	163.33	(Gooseff et al., 2006)	-
❑	91.00	-77.67	163.07	(Gooseff et al., 2006)	-
❖	56.00	-77.58	163.34	(Gooseff et al., 2006)	-
❖	61.00	-77.58	163.32	(Gooseff et al., 2006)	-
❑	63.00	-77.57	163.34	(Gooseff et al., 2006)	-
❑	7.00	-77.70	163.02	(Gooseff et al., 2006)	-
❑	8.00	-77.70	163.02	(Gooseff et al., 2006)	-
❑	9.00	-77.70	163.02	(Gooseff et al., 2006)	-
❑	54.00	-77.59	163.27	(Gooseff et al., 2006)	-
❖	59.00	-77.59	163.27	(Gooseff et al., 2006)	-
❖	256.00	-77.57	163.32	(Gooseff et al., 2006)	-
❍	D140/FILCHNER	-77.13	309.50	(Graf et al., 1988)	-
❖	60.00	-77.57	163.33	(Gooseff et al., 2006)	-
❖	48.00	-77.57	163.31	(Gooseff et al., 2006)	-
❖	49.00	-77.58	163.29	(Gooseff et al., 2006)	-
❖	50.00	-77.58	163.27	(Gooseff et al., 2006)	-
❖	51.00	-77.57	163.30	(Gooseff et al., 2006)	-
❖	55.00	-77.57	163.35	(Gooseff et al., 2006)	-
❖	246.00	-77.58	163.27	(Gooseff et al., 2006)	-
❖	52.00	-77.57	163.33	(Gooseff et al., 2006)	-
❖	53.00	-77.57	163.27	(Gooseff et al., 2006)	-
❖	89.00	-77.56	163.34	(Gooseff et al., 2006)	-
❖	36.00	-77.57	163.29	(Gooseff et al., 2006)	-
❖	257.00	-77.56	163.32	(Gooseff et al., 2006)	-
❖	35.00	-77.56	163.28	(Gooseff et al., 2006)	-
❖	108.00	-77.62	163.05	(Gooseff et al., 2006)	-
❖	117.00	-77.62	163.03	(Gooseff et al., 2006)	-

❖	23.00	-77.63	163.01	(Gooseff et al., 2006)	-
❖	4.00	-77.62	163.03	(Gooseff et al., 2006)	-
❖	136.00	-77.63	163.00	(Gooseff et al., 2006)	-
❑	109.00	-77.56	163.25	(Gooseff et al., 2006)	-
❖	242.00	-77.56	163.23	(Gooseff et al., 2006)	-
❖	3.00	-77.63	163.01	(Gooseff et al., 2006)	-
❑	110.00	-77.56	163.25	(Gooseff et al., 2006)	-
❑	106.00	-77.56	163.25	(Gooseff et al., 2006)	-
❑	107.00	-77.56	163.25	(Gooseff et al., 2006)	-
❑	108.00	-77.56	163.25	(Gooseff et al., 2006)	-
❖	116.00	-77.62	163.02	(Gooseff et al., 2006)	-
❖	5.00	-77.62	163.01	(Gooseff et al., 2006)	-
❑	BC90	-76.98	307.73	(Graf et al., 1994)	-
	Ronne Ice Shelf. BC90 (B13)	-76.98	307.73	(Graf et al., 1994)	-
❖	1.00	-65.08	300.42	(Dahe et al., 1994)	-
❖	146.00	-77.62	163.00	(Gooseff et al., 2006)	-
❖	115.00	-77.62	163.00	(Gooseff et al., 2006)	-
❖	105.00	-77.63	162.99	(Gooseff et al., 2006)	-
❖	106.00	-77.63	162.99	(Gooseff et al., 2006)	-
❖	107.00	-77.63	162.99	(Gooseff et al., 2006)	-
❖	145.00	-77.63	162.98	(Gooseff et al., 2006)	-
❖	2.00	-77.62	162.98	(Gooseff et al., 2006)	-
❖	142.00	-77.63	162.95	(Gooseff et al., 2006)	-
❖	143.00	-77.63	162.96	(Gooseff et al., 2006)	-
❖	144.00	-77.63	162.96	(Gooseff et al., 2006)	-
❖	141.00	-77.63	162.95	(Gooseff et al., 2006)	-
❖	118.00	-77.63	162.96	(Gooseff et al., 2006)	-
❖	111.00	-77.61	162.99	(Gooseff et al., 2006)	-
❖	1.00	-77.63	162.95	(Gooseff et al., 2006)	-

❖	21.00	-77.62	162.97	(Gooseff et al., 2006)	-
❖	20.00	-77.61	162.99	(Gooseff et al., 2006)	-
❖	22.00	-77.63	162.93	(Gooseff et al., 2006)	-
❑	5.00	-77.63	162.93	(Gooseff et al., 2006)	-
❖	135.00	-77.61	162.97	(Gooseff et al., 2006)	-
❖	147.00	-77.61	162.96	(Gooseff et al., 2006)	-
❖	105.00	-77.61	162.98	(Gooseff et al., 2006)	-
❖	112.00	-77.61	162.96	(Gooseff et al., 2006)	-
❖	11.00	-77.62	162.96	(Gooseff et al., 2006)	-
❖	18.00	-77.61	162.96	(Gooseff et al., 2006)	-
❖	19.00	-77.61	162.98	(Gooseff et al., 2006)	-
❍	BHC1	-66.13	110.94	(Morgan, 1982)	-
❍	BHC2	-66.13	110.94	(Morgan, 1982)	-
❍	SGA	-66.13	110.94	(Morgan, 1982)	-
❖	104.00	-77.61	162.98	(Gooseff et al., 2006)	-
❖	7.00	-77.62	162.93	(Gooseff et al., 2006)	-
❍	Russian airport	-69.43	76.34	(Morgan, 1982)	-
❖	113.00	-77.61	162.95	(Gooseff et al., 2006)	-
❖	114.00	-77.62	162.94	(Gooseff et al., 2006)	-
❖	12.00	-77.61	162.96	(Gooseff et al., 2006)	-
❖	103.00	-77.61	162.97	(Gooseff et al., 2006)	-
❖	102.00	-77.61	162.96	(Gooseff et al., 2006)	-
❖	10.00	-77.62	162.94	(Gooseff et al., 2006)	-
❖	17.00	-77.61	162.96	(Gooseff et al., 2006)	-
❖	15.00	-77.61	162.95	(Gooseff et al., 2006)	-
❖	16.00	-77.61	162.95	(Gooseff et al., 2006)	-
❖	100.00	-77.61	162.95	(Gooseff et al., 2006)	-
❖	99.00	-77.61	162.94	(Gooseff et al., 2006)	-
❖	134.00	-77.61	162.94	(Gooseff et al., 2006)	-

❖	70.00	-77.54	163.18	(Gooseff et al., 2006)	-
❖	71.00	-77.54	163.18	(Gooseff et al., 2006)	-
❖	72.00	-77.54	163.18	(Gooseff et al., 2006)	-
❖	73.00	-77.54	163.18	(Gooseff et al., 2006)	-
❖	74.00	-77.54	163.18	(Gooseff et al., 2006)	-
❖	75.00	-77.54	163.18	(Gooseff et al., 2006)	-
❖	76.00	-77.54	163.18	(Gooseff et al., 2006)	-
❑	91.00	-77.63	162.90	(Gooseff et al., 2006)	-
❖	9.00	-77.62	162.92	(Gooseff et al., 2006)	-
❍	BHF	-66.15	111.00	(Morgan, 1982)	-
❖	98.00	-77.61	162.93	(Gooseff et al., 2006)	-
❖	13.00	-77.61	162.93	(Gooseff et al., 2006)	-
❖	14.00	-77.61	162.94	(Gooseff et al., 2006)	-
❖	133.00	-77.61	162.93	(Gooseff et al., 2006)	-
❖	97.00	-77.61	162.93	(Gooseff et al., 2006)	-
❍	S20	-70.24	355.19	(Isaksson et al., 1999)	-
❍	Site B-Campbell Glacier. northern Victoria Land	-74.25	164.07	(Gragnani et al., 1998)	-
❑	39.00	-77.53	163.22	(Gooseff et al., 2006)	-
❑	40.00	-77.53	163.22	(Gooseff et al., 2006)	-
❑	41.00	-77.53	163.22	(Gooseff et al., 2006)	-
❑	42.00	-77.53	163.22	(Gooseff et al., 2006)	-
❑	43.00	-77.53	163.22	(Gooseff et al., 2006)	-
❑	44.00	-77.53	163.22	(Gooseff et al., 2006)	-
❑	45.00	-77.53	163.22	(Gooseff et al., 2006)	-
❑	46.00	-77.53	163.22	(Gooseff et al., 2006)	-
❑	47.00	-77.53	163.22	(Gooseff et al., 2006)	-
❑	26.00	-77.56	163.05	(Gooseff et al., 2006)	-
❑	27.00	-77.56	163.05	(Gooseff et al., 2006)	-

❑	28.00	-77.56	163.05	(Gooseff et al., 2006)	-
❑	29.00	-77.56	163.05	(Gooseff et al., 2006)	-
❖	8.00	-77.62	162.88	(Gooseff et al., 2006)	-
❖	149.00	-77.60	162.89	(Gooseff et al., 2006)	-
❖	119.00	-77.60	162.89	(Gooseff et al., 2006)	-
❑	30.00	-77.54	163.10	(Gooseff et al., 2006)	-
❑	31.00	-77.54	163.10	(Gooseff et al., 2006)	-
❑	32.00	-77.54	163.10	(Gooseff et al., 2006)	-
❑	33.00	-77.54	163.10	(Gooseff et al., 2006)	-
❑	34.00	-77.54	163.10	(Gooseff et al., 2006)	-
❑	35.00	-77.54	163.10	(Gooseff et al., 2006)	-
❑	68.00	-77.54	163.10	(Gooseff et al., 2006)	-
❖	6.00	-77.57	162.96	(Gooseff et al., 2006)	-
❖	150.00	-77.60	162.86	(Gooseff et al., 2006)	-
❖	151.00	-77.60	162.86	(Gooseff et al., 2006)	-
❖	152.00	-77.61	162.83	(Gooseff et al., 2006)	-
❖	66.00	-77.55	163.04	(Gooseff et al., 2006)	-
❖	67.00	-77.55	163.04	(Gooseff et al., 2006)	-
❖	69.00	-77.55	163.04	(Gooseff et al., 2006)	-
❖	153.00	-77.61	162.82	(Gooseff et al., 2006)	-
❑	22.00	-77.54	163.05	(Gooseff et al., 2006)	-
❑	23.00	-77.54	163.05	(Gooseff et al., 2006)	-
❑	24.00	-77.54	163.05	(Gooseff et al., 2006)	-
❑	25.00	-77.54	163.05	(Gooseff et al., 2006)	-
❖	154.00	-77.60	162.84	(Gooseff et al., 2006)	-
❑	15.00	-77.55	163.00	(Gooseff et al., 2006)	-
❑	16.00	-77.55	163.00	(Gooseff et al., 2006)	-
❑	17.00	-77.55	163.00	(Gooseff et al., 2006)	-
❑	18.00	-77.55	163.00	(Gooseff et al., 2006)	-

❑	19.00	-77.55	163.00	(Gooseff et al., 2006)	-
❑	89.00	-77.65	162.73	(Gooseff et al., 2006)	-
❖	25.00	-77.65	162.73	(Gooseff et al., 2006)	-
❑	65.00	-77.55	162.98	(Gooseff et al., 2006)	-
❖	24.00	-77.65	162.71	(Gooseff et al., 2006)	-
❑	90.00	-77.65	162.71	(Gooseff et al., 2006)	-
❖	26.00	-77.65	162.71	(Gooseff et al., 2006)	-
❍	D141	-77.58	309.42	(Gragnani et al., 1998)	-
❍	SGP	-66.23	111.23	(Morgan, 1982)	-
❑	Erebus	-77.53	167.28	(Masson-Delmotte et al., 2008)	-
❑	Erebus	-77.53	167.28	(Masson-Delmotte et al., 2008)	-
❑	Erebus	-77.53	167.28	(Masson-Delmotte et al., 2008)	-
❑	Erebus	-77.53	167.28	(Masson-Delmotte et al., 2008)	-
❑	Erebus	-77.53	167.28	(Masson-Delmotte et al., 2008)	-
❑	Erebus	-77.53	167.28	(Masson-Delmotte et al., 2008)	-
❑	Erebus	-77.53	167.28	(Masson-Delmotte et al., 2008)	-
❑	Erebus	-77.53	167.28	(Masson-Delmotte et al., 2008)	-
❖	90.00	-77.74	162.48	(Gooseff et al., 2006)	-
❑	87.00	-77.74	162.47	(Gooseff et al., 2006)	-
❖	91.00	-77.74	162.46	(Gooseff et al., 2006)	-
❑	88.00	-77.74	162.46	(Gooseff et al., 2006)	-
❖	92.00	-77.74	162.44	(Gooseff et al., 2006)	-
❖	93.00	-77.74	162.44	(Gooseff et al., 2006)	-
❍	SGJ	-65.85	113.18	(Morgan, 1982)	-
❖	Reinwarthhöhe/North dome	-78.30	313.72	(Wagenhach et al., 1994)	-
❑	US_ITASE_2000_5	-77.68	236.01	(Masson-Delmotte et al., 2008)	-
❖	R1-North Dome-Berkner Island	-78.31	313.73	(Ruth et al., 2004)	-
❖	71.00	-77.73	162.29	(Gooseff et al., 2006)	-
	Ekströmisen. km40	-70.95	351.48	(Oerter et al., 1999)	-

❖	BHF	-66.15	112.81	(Delmotte et al., 2000)	-
❖	69.00	-77.72	162.27	(Gooseff et al., 2006)	-
❖	73.00	-77.72	162.25	(Gooseff et al., 2006)	-
❑	74.00	-77.73	162.25	(Gooseff et al., 2006)	-
❍	C	-72.73	344.03	(Isaksson and Karlén, 1994)	-
❍	MB10/2 in Wilhelm II Land	-68.91	78.85	(Smith et al., 2002)	-
❖	74.00	-77.73	162.23	(Gooseff et al., 2006)	-
❖	127.00	-77.73	162.21	(Gooseff et al., 2006)	-
❖	76.00	-77.73	162.21	(Gooseff et al., 2006)	-
❍	MB8/3 in Wilhelm II Land	-68.00	81.00	(Smith et al., 2002)	-
❍	Drygalski Gl.	-75.52	165.32	(Stenni et al., 2000)	-
❖	77.00	-77.73	162.20	(Gooseff et al., 2006)	-
❖	128.00	-77.73	162.19	(Gooseff et al., 2006)	-
❑	64.00	-77.73	162.19	(Gooseff et al., 2006)	-
❖	88.00	-77.73	162.19	(Gooseff et al., 2006)	-
❖	122.00	-77.73	162.19	(Gooseff et al., 2006)	-
❖	78.00	-77.73	162.17	(Gooseff et al., 2006)	-
❖	2.00	-65.17	300.02	(Dahe et al., 1994)	-
❍	SGB	-66.30	111.46	(Morgan, 1982)	-
❖	129.00	-77.73	162.16	(Gooseff et al., 2006)	-
❖	79.00	-77.73	162.16	(Gooseff et al., 2006)	-
❖	123.00	-77.73	162.16	(Gooseff et al., 2006)	-
❑	65.00	-77.73	162.15	(Gooseff et al., 2006)	-
❖	80.00	-77.73	162.14	(Gooseff et al., 2006)	-
❖	131.00	-77.74	162.13	(Gooseff et al., 2006)	-
❖	132.00	-77.75	162.13	(Gooseff et al., 2006)	-
❑	67.00	-77.74	162.13	(Gooseff et al., 2006)	-
❑	68.00	-77.75	162.13	(Gooseff et al., 2006)	-
❖	84.00	-77.75	162.13	(Gooseff et al., 2006)	-

❖	87.00	-77.74	162.13	(Gooseff et al., 2006)	-
❖	125.00	-77.74	162.13	(Gooseff et al., 2006)	-
❖	126.00	-77.75	162.13	(Gooseff et al., 2006)	-
❖	130.00	-77.73	162.12	(Gooseff et al., 2006)	-
❑	66.00	-77.73	162.12	(Gooseff et al., 2006)	-
❖	81.00	-77.73	162.12	(Gooseff et al., 2006)	-
❖	124.00	-77.73	162.12	(Gooseff et al., 2006)	-
❖	82.00	-77.73	162.09	(Gooseff et al., 2006)	-
❖	83.00	-77.74	162.06	(Gooseff et al., 2006)	-
❖	114.00	-77.74	162.06	(Gooseff et al., 2006)	-
❍	LGB72	-69.92	76.49	(Morgan, 1982)	-
❖	104.00	-77.75	162.03	(Gooseff et al., 2006)	-
❖	103.00	-77.75	162.02	(Gooseff et al., 2006)	-
❖	113.00	-77.75	162.02	(Gooseff et al., 2006)	-
❖	94.00	-77.73	162.01	(Gooseff et al., 2006)	-
❖	LGB72	-69.93	76.49	(Delmotte et al., 1997)	-
❖	102.00	-77.75	162.00	(Gooseff et al., 2006)	-
❖	101.00	-77.75	161.97	(Gooseff et al., 2006)	-
❍	Aviator Glacier	-73.85	165.10	(Stenni et al., 2000)	-
❖	100.00	-77.75	161.95	(Gooseff et al., 2006)	-
❑	Caroline	-66.67	140.02	(Yao et al., 1990)	-
❑	71.00	-77.75	161.93	(Gooseff et al., 2006)	-
❖	99.00	-77.75	161.93	(Gooseff et al., 2006)	-
❖	111.00	-77.75	161.93	(Gooseff et al., 2006)	-
❖	98.00	-77.75	161.91	(Gooseff et al., 2006)	-
❖	D136	-77.19	306.86	(Graf et al., 1994)	-
❖	97.00	-77.75	161.89	(Gooseff et al., 2006)	-
❖	110.00	-77.75	161.89	(Gooseff et al., 2006)	-
❑	72.00	-77.75	161.88	(Gooseff et al., 2006)	-

❖	96.00	-77.76	161.87	(Gooseff et al., 2006)	-
❑	US_ITASE_2000_4	-78.08	239.92	(Masson-Delmotte et al., 2008)	-
❑	73.00	-77.76	161.84	(Gooseff et al., 2006)	-
❖	95.00	-77.76	161.84	(Gooseff et al., 2006)	-
❖	109.00	-77.76	161.84	(Gooseff et al., 2006)	-
❍	McCarthy	-74.60	163.05	(Stenni et al., 2000)	-
❖	63.00	-77.76	161.80	(Gooseff et al., 2006)	-
❖	64.00	-77.75	161.77	(Gooseff et al., 2006)	-
❍	Styx Glacier	-73.92	163.75	(Stenni et al., 2000)	-
❖	62.00	-77.74	161.68	(Gooseff et al., 2006)	-
❖	AWS4	-72.75	344.50	(Helsen et al., 2006)	-
❖	66.00	-77.75	161.65	(Gooseff et al., 2006)	-
❖	68.00	-77.72	161.65	(Gooseff et al., 2006)	-
❍	D	-72.45	347.45	(Isaksson and Karlén, 1994)	-
❖	James Ross Island (Dallinger Dome)	-57.68	295.78	(Aristarain et al., 2004)	-
❖	James Ross Island (Dallinger Dome)	-57.68	295.80	(Aristarain et al., 2004)	-
❍	BHQ	-66.38	111.73	(Morgan, 1982)	-
❑	D131	-76.96	305.31	(Graf et al., 1994)	-
❖	3.00	-65.28	299.68	(Dahe et al., 1994)	-
❍	D131	-76.99	305.17	(Graf et al., 1988)	-
❍	Søråsen. DML65 (FB0203)	-71.45	350.14	(Masson-Delmotte et al., 2008)	-
❍	MB10/8 in Wilhelm II Land	-66.91	91.75	(Smith et al., 2002)	-
❖	MirnyVostokVK 1307	-67.23	94.03	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	15.00	-68.95	294.57	(Dahe et al., 1994)	-
❖	13.00	-68.72	294.57	(Dahe et al., 1994)	-
❖	14.00	-68.80	294.63	(Dahe et al., 1994)	-

❖	4.00	-65.45	299.25	(Dahe et al., 1994)	-
❍	Ekströmisen. BC-2	-71.24	351.47	(Oerter et al., 1999)	-
❖	12.00	-68.42	294.75	(Dahe et al., 1994)	-
❖	VL 30	-70.36	158.42	(Becagli et al., 2004; Magand et al., 2004)	-
	Ekströmisen. km70-W	-71.25	351.35	(Oerter et al., 1999)	-
❖	5.00	-65.58	298.83	(Dahe et al., 1994)	-
❖	VL 32	-70.52	158.64	(Becagli et al., 2004; Magand et al., 2004)	-
❖	16.00	-69.07	294.67	(Dahe et al., 1994)	-
❍	MB15/2 in Wilhelm II Land	-69.20	79.79	(Smith et al., 2002)	-
❍	site C-Campbell Glacier. northern Victoria Land	-73.75	163.33	(Gragnani et al., 1998)	-
❍	D240	-77.86	307.23	(Graf et al., 1988)	-
❍	S13	-67.34	93.52	(Petit et al., 1991)	-
❖	104.00	-67.35	93.43	(Dahe et al., 1994)	-
❍	DE08	-66.72	113.20	(Morgan, 1982)	-
❍	DE08-2	-66.72	113.21	(Morgan, 1982)	-
❍	GL16/245	-77.99	308.47	(Graf et al., 1999)	-
❍	D240	-77.87	307.20	(Graf et al., 1988)	-
❑	US_ITASE_2001_3	-78.12	264.35	(Masson-Delmotte et al., 2008)	-
❍	Halvfarryggen. DML64 (FB0201)	-71.21	353.21	(Masson-Delmotte et al., 2008)	-
❍	GV7	-70.68	158.86	Maga	-
❖	VL1 28	-70.68	158.86	(Becagli et al., 2004; Magand et al., 2004)	-
❖	17.00	-69.17	294.70	(Dahe et al., 1994)	-
❍	LGB71	-70.26	76.68	(Morgan, 1982)	-
❖	LGB71	-70.26	76.69	(Delmotte, 1997)	-
❑	US_ITASE_2000_3	-78.43	244.08	(Masson-Delmotte et al., 2008)	-

❖	6.00	-65.70	298.47	(Dahe et al., 1994)	-
❖	HWF	-78.32	320.57	(Graf et al., 1994)	-
❖	2.00	-67.43	93.38	(Petit et al., 1991)	-
❍	Hercules Névé	-73.10	165.47	(Stenni et al., 1999)	-
❖	MirnyVostok KM105	-67.43	93.38	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	11.00	-67.78	295.30	(Dahe et al., 1994)	-
❖	7.00	-65.83	298.05	(Dahe et al., 1994)	-
❍	BHD	-66.72	112.84	(Morgan, 1982)	-
❍	SGD	-66.73	112.84	(Morgan, 1982)	-
❖	DE08-2	-66.72	112.81	(Masson-Delmotte et al., 2003)	-
❖	A001	-66.73	112.83	(Delmotte et al., 1997)	-
❖	Ekströmisen. km90	-71.40	351.65	(Oerter et al., 1999)	-
❍	DSSW25k	-66.78	112.23	(Morgan, 1982)	-
❖	VL1 26	-70.76	158.70	(Becagli et al., 2004; Magand et al., 2004)	-
❍	97W25k	-66.78	112.24	(Morgan, 1982)	-
❍	MB9/4 in Wilhelm II Land	-67.72	83.66	(Smith et al., 2002)	-
❖	DSS87P	-66.77	112.81	(Delmotte et al., 2000)	-
❍	DSS87P	-66.77	112.81	(Morgan, 1982)	-
❑	D235	-77.51	305.45	(Graf et al., 1994)	-
❍	DSS97	-66.78	112.81	(Morgan, 1982)	-
❍	DSS92P	-66.77	112.80	(Morgan, 1982)	-
❍	DSSW0k	-66.78	112.80	(Morgan, 1982)	-
❍	DSSW2k	-66.77	112.76	(Morgan, 1982)	-
❍	MB10/6 in Wilhelm II Land	-67.23	88.24	(Smith et al., 2002)	-
❖	8.00	-66.33	297.40	(Dahe et al., 1994)	-
❍	97W20k	-66.77	112.36	(Morgan, 1982)	-
❍	MB12/4 in Wilhelm II Land	-68.01	83.65	(Smith et al., 2002)	-

❖	10.00	-67.33	295.88	(Dahe et al., 1994)	-
❖	VL1 24	-70.82	158.56	(Becagli et al., 2004; Magand et al., 2004)	-
❖	GC25	-67.71	109.80	(Delmotte et al., 1997)	-
❍	97W15k	-66.77	112.46	(Morgan, 1982)	-
❍	MB15/8 in Wilhelm II Land	-67.52	92.19	(Smith et al., 2002)	-
❍	DSSW12k	-66.78	112.53	(Morgan, 1982)	-
❍	D230	-77.36	303.96	(Graf et al., 1988)	-
❍	Eksträmisen. km105	-71.54	351.72	(Oerter et al., 1999)	-
❖	D230	-77.36	303.94	(Graf et al., 1994)	-
❍	Potsdam Gletscher. FB0405	-71.04	12.33	(Masson-Delmotte et al., 2008)	-
❍	US_ITASE_2001_2	-77.84	257.09	(Masson-Delmotte et al., 2008)	-
❖	LGB00	-68.65	61.12	(Delmotte et al., 1997)	-
❖	27.00	-74.05	290.05	(Dahe et al., 1994)	-
❖	VL1 22	-70.90	158.44	(Becagli et al., 2004; Magand et al., 2004)	-
❖	9.00	-66.90	296.47	(Dahe et al., 1994)	-
❍	Potsdam Gletscher. FB0404	-71.08	11.60	(Masson-Delmotte et al., 2008)	-
❖	Ritscherflya. km125	-71.68	351.50	(Oerter et al., 1999)	-
❖	MirnyVostokVK 1257	-67.66	94.53	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	Taylor Dome	-77.48	158.72	(Steig et al., 1998)	-
❍	MGA	-68.65	60.25	(Xiao et al., 2004)	-
❖	103.00	-67.70	93.65	(Dahe et al., 1994)	-
❖	LGB70	-70.58	76.87	(Delmotte et al., 1997)	-
❖	VL1 20	-70.99	158.37	(Becagli et al., 2004; Magand et al., 2004)	-
❍	Potsdam Gletscher. FB0402	-71.14	11.69	(Masson-Delmotte et al., 2008)	-
❖	18.00	-69.68	294.78	(Dahe et al., 1994)	-

❑	Ritscherflya. km143	-71.83	351.39	(Oerter et al., 1999)	-
❖	Ritscherflya. km143	-71.83	351.39	(Oerter et al., 1999)	-
❍	S15	-71.19	4.60	(Isaksson et al., 1999)	-
❍	MB18/2 in Wilhelm II Land	-69.50	80.75	(Smith et al., 2002)	-
❖	AWS5	-73.10	346.83	(Helsen et al., 2006)	-
❖	Druzhnaya 1	-76.64	320.00	(Masson-Delmotte et al., 2008)	-
❍	D241	-78.23	305.98	(Graf et al., 1988)	-
❖	VL1 18	-71.08	158.32	(Becagli et al., 2004; Magand et al., 2004)	-
❍	MB15/4 in Wilhelm II Land	-68.35	84.00	(Smith et al., 2002)	-
❍	D241	-78.24	305.95	(Graf et al., 1988)	-
❍	GL15/246	-78.41	307.53	(Graf et al., 1999)	-
❍	D246	-78.43	307.49	(Graf et al., 1994)	-
❖	Ritscherflya. km160	-71.98	351.28	(Oerter et al., 1999)	-
❖	Ritscherflya. km160	-71.98	351.28	(Oerter et al., 1999)	-
❍	Potsdam Gletscher. FB0401	-71.11	1.65	(Masson-Delmotte et al., 2008)	-
❖	ITS7	-74.70	159.70	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	3.00	-67.86	93.75	(Petit et al., 1991)	-
❍	Potsdam Gletscher. FB0403	-71.25	11.12	(Masson-Delmotte et al., 2008)	-
❖	VL1 16	-71.18	158.28	(Becagli et al., 2004; Magand et al., 2004)	-
❖	ITS9	-74.69	159.37	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	LGB01	-68.94	61.11	(Delmotte et al., 1997)	-
❖	MirnyVostokVK 1233	-67.88	94.77	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	Ritscherflya. km180	-72.16	351.18	(Oerter et al., 1999)	-
❍	Ritscherflya. km180	-72.16	351.18	(Oerter et al., 1999)	-

	Ronne Ice Shelf. D236 (B15)	-77.94	304.06	(Graf et al., 1994)	-
❖	VL1 14	-71.25	158.46	(Becagli et al., 2004; Magand et al., 2004)	-
❖	D236	-77.94	304.02	(Graf et al., 1994)	-
❖	MB15/6 in Wilhelm II Land	-67.91	88.35	(Smith et al., 2002)	-
❖	ITS10	-74.69	159.19	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	Ritscherflya. BC-1	-72.50	350.91	(Oerter et al., 1999)	-
❑	Ritscherflya. B08_BC-1	-72.50	350.91	(Oerter et al., 1999)	-
❖	ITS11	-74.68	159.02	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	LGB69 (LT 940)	-70.83	77.08	(Morgan, 1982)	-
❖	LGB69 30/1/97	-70.83	77.08	(Morgan, 1982)	-
❖	LGB69	-70.84	77.08	(Delmotte et al., 1997)	-
❖	VL 12	-71.33	158.56	(Becagli et al., 2004; Magand et al., 2004)	-
❖	MB18/8 in Wilhelm II Land	-68.00	92.56	(Smith et al., 2002)	-
❑	D231	-77.68	302.67	(Graf et al., 1994)	-
❖	ITS12	-74.68	158.87	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	19.00	-70.42	295.27	(Dahe et al., 1994)	-
❖	Frei Station	-62.20	301.05	(Simões et al., 2004)	-
❖	LGBUW450	-68.97	60.03	(Delmotte et al., 1997)	-
❖	D231	-77.71	302.56	(Graf et al., 1988)	-
❖	20.00	-70.97	295.32	(Dahe et al., 1994)	-
❖	Ritscherflya. km270	-72.92	350.33	(Oerter et al., 1999)	-
❑	Ritscherflya. km270	-72.92	350.33	(Oerter et al., 1999)	-
❖	ITS13	-74.68	158.68	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-

❖	U2 in Wilhelm II Land	-69.68	81.42	(Smith et al., 2002)	-
❖	Dyer Plateau	-70.67	295.13	(Thompson et al., 1994)	-
❖	VL1 10	-71.42	158.59	(Becagli et al., 2004; Magand et al., 2004)	-
❖	King George Island I	-58.63	297.87	(Simões et al., 2004)	-
❖	King George Island II	-58.61	297.87	(Masson-Delmotte et al., 2008)	-
❖	ITS14	-74.68	158.51	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	102.00	-68.08	93.83	(Dahe et al., 1994)	-
❖	28.00	-74.77	287.23	(Dahe et al., 1994)	-
❖	ITS15	-74.66	158.34	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	U1- in Wilhelm II Land	-70.45	79.32	(Smith et al., 2002)	-
❖	Priestley Névé	-73.63	160.15	(Stenni et al., 2000)	-
❖	26.00	-73.93	292.50	(Dahe et al., 1994)	-
❖	22.00	-71.98	294.70	(Dahe et al., 1994)	-
❖	VL1 8	-71.52	158.62	(Becagli et al., 2004; Magand et al., 2004)	-
❖	B25-South Dome-Berkner Island	-79.62	314.28	(Ruth et al., 2004)	-
❖	MB18/4 in Wilhelm II Land	-68.78	84.30	(Smith et al., 2002)	-
❖	LGB02	-69.22	61.09	(Delmotte et al., 1997)	-
❖	Thyssenhöhe/South dome	-79.66	314.38	(Wagenbach et al., 1994)	-
❖	23.00	-72.23	294.52	(Dahe et al., 1994)	-
❖	VL 6	-71.61	158.65	(Becagli et al., 2004; Magand et al., 2004)	-
❖	GL14/345	-78.84	306.53	(Graf et al., 1999)	-
❖	LGB68	-71.10	77.29	(Delmotte et al., 1997)	-
❖	25.00	-73.23	293.20	(Dahe et al., 1994)	-
❖	D345	-78.87	306.60	(Graf et al., 1988)	-

❖	D340	-78.60	304.59	(Graf et al., 1988)	-
❖	D340	-78.61	304.57	(Graf et al., 1988)	-
❖	Ronne Ice Shelf. D340 (B08)	-78.61	304.57	(Graf et al., 1988)	-
❖	VL 4	-71.69	158.64	(Becagli et al., 2004; Magand et al., 2004)	-
❖	29.00	-74.85	284.25	(Dahe et al., 1994)	-
❑	D335/Flugdepot2	-78.30	303.02	(Graf et al., 1994)	-
❖	ITS20	-74.64	157.50	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	GF02	-68.48	109.66	(Morgan, 1982)	-
❖	GPS2	-74.64	157.50	(Frezzotti et al., 2005; Proposito et al., 2002)	-
❖	MB18/6 in Wilhelm II Land	-68.39	88.60	(Smith et al., 2002)	-
❖	D335	-78.31	302.87	(Graf et al., 1988)	-
❖	Ritscherflya. FB96K02	-73.36	350.30	(Oerter et al., 1999)	-
❖	VL 2	-71.78	158.59	(Becagli et al., 2004; Magand et al., 2004)	-
❖	ITS21	-74.60	157.34	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	21.00	-71.28	294.28	(Dahe et al., 1994)	-
❖	24.00	-72.55	294.08	(Dahe et al., 1994)	-
❖	ITS22	-74.57	157.22	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	U8 in Wilhelm II Land	-68.43	92.87	(Smith et al., 2002)	-
❖	GF01	-68.50	110.85	(Morgan, 1982)	-
❖	D330	-78.03	301.31	(Graf et al., 1994)	-
❖	A	-71.90	4.60	(Isaksson et al., 1999)	-
❖	LGBUW400	-69.41	60.03	(Delmotte et al., 1997)	-

❖ ITS23	-74.54	157.10	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ MGV 212	-71.89	158.54	(Becagli et al., 2004; Magand et al., 2004)	-
❖ GV5	-71.89	158.53	(Becagli et al., 2004; Magand et al., 2004)	-
❖ GC21	-68.16	113.26	(Morgan, 1982)	-
❖ D330	-78.06	301.22	(Graf et al., 1988)	-
❖ MirnyVostokVK 1182	-68.40	95.36	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖ W200	-69.58	48.83	(Satow and Watanabe, 1990)	-
❖ LGB03	-69.50	61.12	(Delmotte et al., 1997)	-
❖ VL 34	-71.93	158.52	(Becagli et al., 2004; Magand et al., 2004)	-
❖ MGV 211	-71.91	158.42	(Becagli et al., 2004; Magand et al., 2004)	-
❖ GC23	-68.33	114.38	(Morgan, 1982)	-
❖ LGB67	-71.36	77.51	(Delmotte et al., 1997)	-
❖ VL 36	-72.02	158.51	(Becagli et al., 2004; Magand et al., 2004)	-
❖ AO28	-68.41	112.21	(Morgan, 1982)	-
❖ A028	-68.41	112.21	(Delmotte et al., 1997)	-
❖ ITS26	-74.44	156.74	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ W46	-69.54	49.93	(Kato et al., 1977)	-
❖ U4 in Wilhelm II Land	-69.28	84.56	(Smith et al., 2002)	-
❖ GF13	-68.50	95.95	(Morgan, 1982)	-
❖ ITS27	-74.41	156.62	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-

❖	VL 38	-72.11	158.49	(Becagli et al., 2004; Magand et al., 2004)	-
❖	GL13	-79.27	305.80	(Graf et al., 1999)	-
❖	GD13	-68.99	128.23	(Morgan, 1982)	-
❖	ITS28	-74.38	156.50	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	VL 40	-72.20	158.57	(Becagli et al., 2004; Magand et al., 2004)	-
❖	D336	-78.72	302.15	(Graf et al., 1994)	-
❖	D61	-68.55	137.07	(Delmotte et al., 1997)	-
❖	U6 in Wilhelm II Land	-68.83	88.93	(Smith et al., 2002)	-
❖	B	-72.13	4.18	(Isaksson et al., 1999)	-
❖	GD14	-69.02	129.51	(Morgan, 1982)	-
❖	D341	-78.94	303.18	(Graf et al., 1988)	-
❖	GD05	-69.02	117.99	(Morgan, 1982)	-
❖	D341	-78.95	303.16	(Graf et al., 1988)	-
❖	GD04	-69.01	116.75	(Morgan, 1982)	-
❖	VL 42	-72.28	158.66	(Becagli et al., 2004; Magand et al., 2004)	-
❖	ITS29	-74.32	156.39	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	GD12	-68.99	126.94	(Morgan, 1982)	-
❖	MGV 205	-72.05	157.67	(Becagli et al., 2004; Magand et al., 2004)	-
❖	30.00	-75.43	281.52	(Dahe et al., 1994)	-
❖	LGB04	-69.79	61.12	(Delmotte et al., 1997)	-
❖	GD06	-69.00	119.28	(Morgan, 1982)	-
❖	ST556	-72.37	158.75	[Stenni et al. 2004]	-

❖	VL 44	-72.37	158.74	(Becagli et al., 2004; Magand et al., 2004)	-
❖	ITS30	-74.28	156.33	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	LGB66	-71.62	77.73	(Delmotte et al., 1997)	-
❖	GF12	-68.49	97.19	(Morgan, 1982)	-
❖	MirnyVostokVK 1135	-68.71	95.72	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	5.00	-68.78	94.30	(Petit et al., 1991)	-
❖	GD15	-69.01	130.81	(Morgan, 1982)	-
❖	GD15	-69.01	130.81	(Masson-Delmotte et al., 2008)	-
❖	ITS31	-74.23	156.27	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	C	-72.25	2.89	(Isaksson et al., 1999)	-
❖	GD07	-69.01	120.55	(Morgan, 1982)	-
❖	GF06	-68.50	104.68	(Morgan, 1982)	-
❖	VL 46	-72.45	158.80	(Becagli et al., 2004; Magand et al., 2004)	-
❖	VL 60	-73.05	158.50	(Becagli et al., 2004; Magand et al., 2004)	-
❖	VL 62	-73.13	158.30	(Becagli et al., 2004; Magand et al., 2004)	-
❖	VL 58	-72.99	158.67	(Becagli et al., 2004; Magand et al., 2004)	-
❖	VL 64	-73.20	158.12	(Becagli et al., 2004; Magand et al., 2004)	-
❖	GD03	-69.00	115.50	(Morgan, 1982)	-
❖	VL 66	-73.28	157.95	(Becagli et al., 2004; Magand et al., 2004)	-

❖ MBS in Wilhelm II Land	-69.13	86.00	(Smith et al., 2002)	-
❖ VL 56	-72.91	158.84	(Becagli et al., 2004; Magand et al., 2004)	-
❖ GD01	-68.59	113.33	(Morgan, 1982)	-
❖ VL 68	-73.35	157.76	(Becagli et al., 2004; Magand et al., 2004)	-
❖ VL 54	-72.84	159.01	(Becagli et al., 2004; Magand et al., 2004)	-
❖ MGV 202	-72.12	157.30	(Becagli et al., 2004; Magand et al., 2004)	-
❖ GD02	-68.80	114.41	(Morgan, 1982)	-
❖ Talos Dome	-72.80	159.10	[Stenni et al. 2004]	-
❖ VL 70	-73.42	157.57	(Becagli et al., 2004; Magand et al., 2004)	-
❖ 101.00	-68.85	94.62	(Dahe et al., 1994)	-
❖ VL 48	-72.54	158.88	(Becagli et al., 2004; Magand et al., 2004)	-
❖ VL 98	-74.47	155.27	(Becagli et al., 2004; Magand et al., 2004)	-
❖ ITS33	-74.15	156.15	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ TDN	-72.77	159.07	(Becagli et al., 2004; Magand et al., 2004)	-
❖ VL 72	-73.49	157.38	(Becagli et al., 2004; Magand et al., 2004)	-
❖ LGBUW350	-69.86	59.80	(Delmotte et al., 1997)	-
❖ VL 96	-74.39	155.41	(Becagli et al., 2004; Magand et al., 2004)	-
❖ GD08	-69.01	121.81	(Morgan, 1982)	-

❖	VL 94	-74.30	155.57	(Becagli et al., 2004; Magand et al., 2004)	-
❖	VL 74	-73.56	157.19	(Becagli et al., 2004; Magand et al., 2004)	-
❖	Ritscherflya. DML74 (FB0504)	-74.06	350.14	(Masson-Delmotte et al., 2008)	-
❖	VL 92	-74.21	155.74	(Becagli et al., 2004; Magand et al., 2004)	-
❖	ITS34	-74.11	156.08	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	VL 50	-72.63	158.95	(Becagli et al., 2004; Magand et al., 2004)	-
❖	VL 76	-73.64	157.00	(Becagli et al., 2004; Magand et al., 2004)	-
❖	GD11	-68.98	125.64	(Morgan, 1982)	-
❖	GD09	-69.01	123.06	(Morgan, 1982)	-
❖	VL 52	-72.71	159.03	(Becagli et al., 2004; Magand et al., 2004)	-
❖	VL 78	-73.71	156.80	(Becagli et al., 2004; Magand et al., 2004)	-
❖	VL 90	-74.13	155.81	(Becagli et al., 2004; Magand et al., 2004)	-
❖	D47	-74.88	154.04	(Masson-Delmotte et al., 2008)	-
❖	ITS35	-74.07	156.02	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	VL 80	-73.78	156.63	(Becagli et al., 2004; Magand et al., 2004)	-
❖	GD10	-69.00	124.35	(Morgan, 1982)	-
❖	VL 88	-74.05	155.91	(Becagli et al., 2004; Magand et al., 2004)	-

❖	Zhong shan-Dome A traverse DT001	-71.88	77.43	(Xiao et al., 2004)	-
❖	W280	-70.22	46.57	(Kato et al., 1977)	-
❖	ITS36	-74.03	155.96	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	LGB05	-70.07	61.13	(Delmotte et al., 1997)	-
❖	Ritscherflya. DML71 (FB0501)	-74.14	350.32	(Masson-Delmotte et al., 2008)	-
❖	31DPT	-74.02	155.95	(Frezzotti et al., 2005; Proposito et al., 2002)	-
❖	VL 86	-73.99	156.04	(Becagli et al., 2004; Magand et al., 2004)	-
❖	GF07	-68.50	103.42	(Morgan, 1982)	-
❖	GL12	-79.67	305.11	(Graf et al., 1999)	-
❖	GF11	-68.51	98.44	(Morgan, 1982)	-
❖	ITS40	-74.04	155.83	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	VL 82	-73.85	156.42	(Becagli et al., 2004; Magand et al., 2004)	-
❖	U5 in Wilhelm II Land	-68.97	87.29	(Smith et al., 2002)	-
❖	VL 84	-73.92	156.22	(Becagli et al., 2004; Magand et al., 2004)	-
❖	ITS41	-74.07	155.69	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	ITS42	-74.09	155.57	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	LGB65	-71.88	77.95	(Delmotte et al., 1997)	-
❖	D	-72.50	3.00	(Isaksson et al., 1999)	-
❖	ITS43	-74.12	155.42	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-

❖	Ritscherflya. DML73 (FB0503)	-74.16	350.60	(Masson-Delmotte et al., 2008)	-
❖	GV 15	-68.86	136.37	(Becagli et al., 2004; Magand et al., 2004)	-
❖	D66	-68.94	136.93	(Becagli et al., 2004; Magand et al., 2004)	-
❖	Ritscherflya. KottasCamp (FB9802)	-74.21	350.26	(Masson-Delmotte et al., 2008)	-
❖	GV 12	-68.91	136.71	(Becagli et al., 2004; Magand et al., 2004)	-
❖	ITS44	-74.14	155.29	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	D10	-74.11	155.36	(Masson-Delmotte et al., 2008)	-
❖	DT002	-71.91	77.99	(Morgan, 1982)	-
❖	D60	-76.24	152.45	(Masson-Delmotte et al., 2008)	-
❖	MGV 196	-72.25	156.53	(Becagli et al., 2004; Magand et al., 2004)	-
❖	ITS46	-74.20	155.02	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	GV 6	-68.73	135.31	(Becagli et al., 2004; Magand et al., 2004)	-
❖	D21	-74.14	155.17	(Masson-Delmotte et al., 2008)	-
❖	AWS6	-74.48	348.48	(Helsen et al., 2006)	-
❖	D57	-75.77	152.84	(Masson-Delmotte et al., 2008)	-
❖	GV 3	-68.76	135.67	(Becagli et al., 2004; Magand et al., 2004)	-
❖	D40	-74.26	154.78	(Masson-Delmotte et al., 2008)	-
❖	ITS47	-74.22	154.88	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-

❖ ITS48	-74.24	154.74	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ Ritscherflya. DML72 (FB0502)	-74.19	350.84	(Masson-Delmotte et al., 2008)	-
❖ D62	-76.24	152.19	(Masson-Delmotte et al., 2008)	-
❖ ITS49	-74.27	154.60	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ ITS50	-74.29	154.48	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ E	-72.60	12.43	(Isaksson and Karlén, 1994)	-
❖ MGV 193	-72.30	156.08	(Becagli et al., 2004; Magand et al., 2004)	-
❖ ITS53	-74.36	154.04	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ GC30	-69.35	110.85	[Qin and Wang 1990]	-
❖ E	-72.68	3.66	(Isaksson et al., 1999)	-
❖ ITS54	-74.39	153.90	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ MGV 22	-69.14	137.18	(Becagli et al., 2004; Magand et al., 2004)	-
❖ GF08	-68.49	102.18	(Morgan, 1982)	-
❖ ITS56	-74.44	153.61	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ 31.00	-75.78	278.33	(Dahe et al., 1994)	-
❖ MirnyVostokVK 1085	-69.17	96.24	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖ LGB06	-70.35	61.12	(Delmotte et al., 1997)	-
❖ MGV 25	-69.22	137.42	(Becagli et al., 2004; Magand et al., 2004)	-

❖ ITS57	-74.46	153.47	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ LGB64	-72.15	77.95	(Delmotte et al., 1997)	-
❖ ITS58	-74.48	153.33	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ MGV 31	-69.29	138.15	(Becagli et al., 2004; Magand et al., 2004)	-
❖ GF10	-68.52	99.69	(Morgan, 1982)	-
❖ LGBUW300	-70.31	59.77	(Delmotte et al., 1997)	-
❖ ITS59	-74.51	153.19	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ GC30	-69.35	111.86	(Morgan, 1982)	-
❖ MGV 34	-69.33	138.53	(Becagli et al., 2004; Magand et al., 2004)	-
❖ GC30	-69.35	111.85	(Delmotte et al., 1997)	-
❖ GL11/400	-80.00	304.50	(Graf et al., 1999)	-
❖ DML24 (FB9818)	-74.45	350.82	(Masson-Delmotte et al., 2008)	-
❖ D68	-69.15	136.22	(Delmotte et al., 1997)	-
❖ ITS60	-74.53	153.03	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ GF09	-68.51	100.93	(Morgan, 1982)	-
❖ F	-72.82	347.80	(Isaksson and Karlén, 1994)	-
❖ 6.00	-69.35	95.00	(Petit et al., 1991)	-
❖ ITS61	-74.55	152.89	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ MGV 187	-72.35	155.21	(Becagli et al., 2004; Magand et al., 2004)	-
❖ MGV 43	-69.49	139.60	(Becagli et al., 2004; Magand et al., 2004)	-

❖ ITS62	-74.58	152.74	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ MGV 40	-69.41	139.23	(Becagli et al., 2004; Magand et al., 2004)	-
❖ J364	-71.83	44.76	(Kato et al., 1977)	-
❖ ITS63	-74.60	152.59	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ ITS64	-74.62	152.45	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ MGV 49	-69.74	140.04	(Becagli et al., 2004; Magand et al., 2004)	-
❖ 100.00	-69.43	95.12	(Dahe et al., 1994)	-
❖ ITS65	-74.65	152.31	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ MGV 52	-69.84	140.22	(Becagli et al., 2004; Magand et al., 2004)	-
❖ MGV 184	-72.37	154.77	(Becagli et al., 2004; Magand et al., 2004)	-
❖ Ritscherflya. DML75 (FB9505)	-73.43	355.27	(Masson-Delmotte et al., 2008)	-
❖ ITS67	-74.70	152.02	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ LGB63	-72.41	77.72	(Delmotte et al., 1997)	-
❖ G	-73.04	5.06	(Isaksson et al., 1999)	-
❖ Y'100	-71.28	46.31	(Kato et al., 1977)	-
❖ ITS68	-74.72	151.87	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ MGV 58	-70.06	140.64	(Becagli et al., 2004; Magand et al., 2004)	-
❖ LGB07	-70.61	60.78	(Delmotte et al., 1997)	-

❖ GV4	-72.39	154.48	(Becagli et al., 2004; Magand et al., 2004)	-
❖ ITS69	-74.74	151.72	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ ITS70	-74.76	151.57	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ D80	-77.81	149.80	(Masson-Delmotte et al., 2008)	-
❖ MGV 61	-70.18	140.85	(Becagli et al., 2004; Magand et al., 2004)	-
❖ Siple Station	-75.92	275.75	(Mosley-Thompson, 1996)	-
❖ ITS71	-74.78	151.42	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ ITS72	-74.80	151.27	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ ITS73	-74.82	151.14	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ MGV 178	-72.43	153.90	(Becagli et al., 2004; Magand et al., 2004)	-
❖ ITS74	-74.85	151.00	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ GL10	-80.43	304.02	(Graf et al., 1999)	-
❖ ITS75	-74.87	150.85	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ LGBUW250	-70.69	59.07	(Delmotte et al., 1997)	-
❖ MirnyVostokVK 1033	-69.61	96.74	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖ GC36	-69.80	112.01	(Delmotte et al., 1997)	-
❖ LGB62	-72.67	77.49	(Delmotte et al., 1997)	-

❖ MirnyVostok Pionerskaya	-69.73	95.50	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖ MGV 67	-70.43	141.10	(Becagli et al., 2004; Magand et al., 2004)	-
❖ DML11C98_03	-74.85	351.50	(Graf et al., 2002)	-
❖ 8.00	-69.75	95.53	(Petit et al., 1991)	-
❖ 99.00	-69.77	95.37	(Dahe et al., 1994)	-
❖ ITS77	-74.92	150.55	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ MGV 175	-72.46	153.47	(Becagli et al., 2004; Magand et al., 2004)	-
❖ LGB08	-70.85	60.31	(Delmotte et al., 1997)	-
❖ ITS78	-74.94	150.40	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ ITS79	-74.96	150.25	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ MGV 70	-70.56	141.19	(Becagli et al., 2004; Magand et al., 2004)	-
❖ ITS80	-74.98	150.11	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ ITS81	-75.00	149.96	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ ITS82	-75.03	149.81	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ LGB61	-72.93	77.26	(Delmotte et al., 1997)	-
❖ ITS84	-75.07	149.50	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ LGB09	-71.04	59.66	(Delmotte et al., 1997)	-

❖	MGV 76	-70.81	141.35	(Becagli et al., 2004; Magand et al., 2004)	-
❖	ITS85	-75.09	149.35	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	MGV 169	-72.51	152.59	(Becagli et al., 2004; Magand et al., 2004)	-
❑	GL09/500	-80.83	303.41	(Graf et al., 1999)	-
❖	GC37	-70.15	111.83	(Delmotte et al., 1997)	-
❖	GV1	-70.87	141.38	(Becagli et al., 2004; Magand et al., 2004)	-
❖	GC37	-70.16	111.84	(Morgan, 1982)	-
❖	ITS86	-75.11	149.19	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	MGV 79	-70.93	141.51	(Becagli et al., 2004; Magand et al., 2004)	-
❖	MirnyVostokVK 993	-69.94	97.11	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	GV2	-71.71	145.26	(Becagli et al., 2004; Magand et al., 2004)	-
❖	MGV 112	-71.71	145.26	(Becagli et al., 2004; Magand et al., 2004)	-
❖	MGV 103	-71.55	144.09	(Becagli et al., 2004; Magand et al., 2004)	-
❖	MGV 106	-71.60	144.46	(Becagli et al., 2004; Magand et al., 2004)	-
❖	MGV 109	-71.66	144.87	(Becagli et al., 2004; Magand et al., 2004)	-
❖	MGV 100	-71.50	143.70	(Becagli et al., 2004; Magand et al., 2004)	-

❖ E	-73.60	347.57	Isaksson 1996	-
❖ MGV 97	-71.44	143.31	(Becagli et al., 2004; Magand et al., 2004)	-
❖ MGV 85	-71.15	141.99	(Becagli et al., 2004; Magand et al., 2004)	-
❖ 32.00	-76.42	274.83	(Dahe et al., 1994)	-
❖ MGV 94	-71.39	142.96	(Becagli et al., 2004; Magand et al., 2004)	-
❖ DML12C98_17	-75.00	353.50	(Graf et al., 2002)	-
❖ MGV 115	-71.81	145.57	(Becagli et al., 2004; Magand et al., 2004)	-
❖ MGV 88	-71.25	142.25	(Becagli et al., 2004; Magand et al., 2004)	-
❖ ITS89	-75.18	148.74	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ LGBUW200	-71.07	58.31	(Delmotte et al., 1997)	-
❖ MGV 165	-72.54	152.06	(Becagli et al., 2004; Magand et al., 2004)	-
❖ 98.00	-70.18	95.58	(Dahe et al., 1994)	-
❖ I	-73.72	7.94	(Isaksson et al., 1999)	-
❖ ITS91	-75.22	148.40	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ LGB60	-73.19	77.03	(Delmotte et al., 1997)	-
❖ MGV 121	-72.00	146.20	(Becagli et al., 2004; Magand et al., 2004)	-
❖ LGB10	-71.29	59.21	(Delmotte et al., 1997)	-
❖ 9.00	-70.18	97.03	(Petit et al., 1991)	-
❖ MGV 124	-72.09	146.53	(Becagli et al., 2004; Magand et al., 2004)	-

❖	D79	-70.02	134.84	(Delmotte et al., 1997)	-
❖	GC38	-70.44	111.74	(Delmotte et al., 1997)	-
❖	GC38	-70.44	111.74	(Morgan, 1982)	-
❖	MGV 160	-72.58	151.32	(Becagli et al., 2004; Magand et al., 2004)	-
❖	ITS95	-75.30	147.79	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	MGV 127	-72.18	146.85	(Becagli et al., 2004; Magand et al., 2004)	-
❖	Y'200	-71.73	48.68	(Kato et al., 1977)	-
❑	GL08	-81.22	302.80	(Graf et al., 1999)	-
❖	ITS96	-75.32	147.64	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	Zhong shan-Dome A traverse DT085	-73.37	77.02	(Xiao et al., 2004)	-
❖	MGV 130	-72.27	147.18	(Becagli et al., 2004; Magand et al., 2004)	-
❖	MGV 133	-72.33	147.51	(Becagli et al., 2004; Magand et al., 2004)	-
❖	ITS98	-75.36	147.31	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	DML13C98_16	-75.00	355.50	(Graf et al., 2002)	-
❖	D80	-70.21	134.82	(Delmotte et al., 1997)	-
❖	MGV 157	-72.60	150.88	(Becagli et al., 2004; Magand et al., 2004)	-
❖	LGB59	-73.45	76.79	(Delmotte et al., 1997)	-
❖	ITS99	-75.37	147.15	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	G	-74.00	348.00	(Isaksson and Karlén, 1994)	-

❖	MGV 139	-72.43	148.35	(Becagli et al., 2004; Magand et al., 2004)	-
❖	MirnyVostokVK 942	-70.38	97.61	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	97.00	-70.55	95.72	(Dahe et al., 1994)	-
❖	MGV 142	-72.48	148.77	(Becagli et al., 2004; Magand et al., 2004)	-
❖	J225	-73.02	46.36	(Kato et al., 1977)	-
❖	LGB11	-71.57	59.16	(Delmotte et al., 1997)	-
❖	LGBUW150	-71.47	57.81	(Delmotte et al., 1997)	-
❖	GC39	-70.75	111.56	(Delmotte et al., 1997)	-
❖	GC39	-70.76	111.57	(Morgan, 1982)	-
❖	10.00	-70.45	97.85	(Petit et al., 1991)	-
❖	MGV 148	-72.57	149.61	(Becagli et al., 2004; Magand et al., 2004)	-
❖	33.00	-76.93	273.75	(Dahe et al., 1994)	-
❖	GV3	-72.63	150.17	(Becagli et al., 2004; Magand et al., 2004)	-
❖	MGV 151	-72.62	150.03	(Becagli et al., 2004; Magand et al., 2004)	-
❖	ITS104	-75.48	146.31	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	ITS105	-75.50	146.15	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	DML01C96_00	-74.86	357.45	(Graf et al., 2002)	-
❖	GL07/600	-81.61	302.11	(Graf et al., 1999)	-
❖	LGB58	-73.72	76.87	(Delmotte et al., 1997)	-
❑	BAS site6	-81.62	302.08	(Graf et al., 1994)	-

❖	MPTA	-75.54	145.86	(Frezzotti et al., 2005; Proposito et al., 2002)	-
❖	Siple Dome	-81.66	211.18	(Brook et al., 2005)	-
❖	LGB12	-71.85	59.31	(Delmotte et al., 1997)	-
❖	DML04C97_00	-74.40	7.22	(Graf et al., 2002)	-
❖	H	-74.35	348.28	(Isaksson and Karlén, 1994)	-
❖	K	-74.35	11.10	(Isaksson et al., 1999)	-
❖	BAS site5	-81.46	299.39	(Graf et al., 1994)	-
❖	96.00	-70.95	95.90	(Dahe et al., 1994)	-
❖	ITS111	-75.56	145.02	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	MirnyVostokVK 894	-70.79	98.08	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	GC40	-71.17	111.36	(Delmotte et al., 1997)	-
❖	GC40	-71.17	111.37	(Morgan, 1982)	-
❖	LGB57	-73.97	76.55	(Delmotte et al., 1997)	-
❖	ITS112	-75.57	144.83	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	US_ITASE_2000_1	-79.38	248.76	(Steig et al., 2005)	-
❖	DML14C98_15	-74.95	358.51	(Graf et al., 2002)	-
❖	LGBUW100	-71.90	57.49	(Delmotte et al., 1997)	-
❖	DML03C98_09	-74.50	1.96	(Graf et al., 2002)	-
❖	DML03C97_00	-74.50	1.96	(Graf et al., 2002)	-
❖	ITS113	-75.57	144.66	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	D95	-71.24	132.60	(Delmotte et al., 1997)	-
❖	DML07C98_31	-75.58	356.57	(Graf et al., 2002)	-
❖	DML07C97_00	-75.58	356.57	(Graf et al., 2002)	-

❖ ITS114	-75.57	144.48	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ LGB13	-72.09	58.83	(Delmotte et al., 1997)	-
❖ 34.00	-77.60	272.88	(Dahe et al., 1994)	-
❖ DML21C98_10	-74.67	4.00	(Graf et al., 2002)	-
❖ ITS116	-75.58	144.12	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ L	-74.65	12.79	(Isaksson et al., 1999)	-
❖ ITS117	-75.58	143.94	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ 11.00	-70.90	99.16	(Petit et al., 1991)	-
❖ DML20C98_08	-74.75	1.00	(Graf et al., 2002)	-
❖ DML26 (FB9903)	-74.84	0.01	(Masson-Delmotte et al., 2008)	-
❖ DML19C98_05	-75.17	359.01	(Graf et al., 2002)	-
❖ DML19S98_04	-75.17	359.01	(Graf et al., 2002)	-
❖ LGB56	-74.26	76.17	(Delmotte et al., 1997)	-
❖ GL06/700	-82.34	302.17	(Graf et al., 1999)	-
❖ 35.00	-78.20	272.35	(Dahe et al., 1994)	-
❖ 95.00	-71.33	96.02	(Dahe et al., 1994)	-
❖ LGB14	-72.33	58.33	(Delmotte et al., 1997)	-
❖ ITS121	-75.60	143.22	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ AWS9	-75.00	0.01	(Helsen et al., 2006)	-
❖ DML05C98_32	-75.00	0.01	(Graf et al., 2002)	-
❖ DML05C97_00	-75.00	0.01	(Graf et al., 2002)	-
❖ DML05C98_07	-75.00	0.04	(Graf et al., 2002)	-
❖ D101	-71.65	131.82	(Delmotte et al., 1997)	-
❖ B32 EDML	-75.00	0.07	(Oerter et al., 2004)	-
❖ Kohnen/DML76	-75.00	0.08	(Masson-Delmotte et al., 2008)	-

❖	DML25S02_03	-75.01	0.08	(Oerter et al., 2004)	-
❖	MirnyVostokVK 846	-71.19	98.54	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	GC41 22	-71.60	111.25	(Delmotte et al., 1997)	-
❖	GC41	-71.60	111.25	(Morgan, 1982)	-
❖	DML02C96_00	-74.97	3.92	(Graf et al., 2002)	-
❖	LGBUW050	-72.28	56.73	(Delmotte et al., 1997)	-
❖	ITS124	-75.61	142.68	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	DML06C97_00	-75.00	8.01	(Graf et al., 2002)	-
❖	S12	-71.48	96.16	(Petit et al., 1991)	-
❖	LGB55	-74.48	75.88	(Delmotte et al., 1997)	-
❖	DML77	-75.06	0.72	(Masson-Delmotte et al., 2008)	-
❖	I235	-73.81	48.40	(Kato et al., 1977)	-
❖	DML22C98_11	-75.08	6.50	(Graf et al., 2002)	-
❖	ITS126	-75.61	142.31	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	M	-75.00	15.00	(Isaksson et al., 1999)	-
❖	DML15C98_14	-75.08	2.50	(Graf et al., 2002)	-
❖	DML17C98_33	-75.17	6.50	(Graf et al., 2002)	-
❖	DML16C98_13	-75.17	5.00	(Graf et al., 2002)	-
❖	DML78	-75.15	1.34	(Masson-Delmotte et al., 2008)	-
❖	LGB15	-72.57	57.85	(Delmotte et al., 1997)	-
❖	D105	-71.99	131.18	(Delmotte et al., 1997)	-
❖	DML89	-75.14	9.03	(Masson-Delmotte et al., 2008)	-
❖	DML88	-75.18	8.34	(Masson-Delmotte et al., 2008)	-
❖	ITS129	-75.62	141.78	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	DML90	-75.12	9.72	(Masson-Delmotte et al., 2008)	-

❖ DML87	-75.23	7.66	(Masson-Delmotte et al., 2008)	-
❖ DML23C98_12	-75.25	6.50	(Graf et al., 2002)	-
❖ DML82	-75.23	4.13	(Masson-Delmotte et al., 2008)	-
❖ DML83	-75.25	4.83	(Masson-Delmotte et al., 2008)	-
❖ DML86	-75.26	6.96	(Masson-Delmotte et al., 2008)	-
❖ DML85	-75.27	6.25	(Masson-Delmotte et al., 2008)	-
❖ 94.00	-71.70	96.28	(Dahe et al., 1994)	-
❖ DML84	-75.27	5.54	(Masson-Delmotte et al., 2008)	-
❖ DML79	-75.20	2.01	(Masson-Delmotte et al., 2008)	-
❖ GL03/800	-82.75	301.31	(Graf et al., 1999)	-
❖ DML10C97_00	-75.22	11.35	(Graf et al., 2002)	-
❖ DML81	-75.24	3.42	(Masson-Delmotte et al., 2008)	-
❖ DML80	-75.23	2.71	(Masson-Delmotte et al., 2008)	-
❖ LGB54	-74.73	75.53	(Delmotte et al., 1997)	-
❖ ITS131	-75.62	141.42	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ 36.00	-78.82	272.77	(Dahe et al., 1994)	-
❖ ITS132	-75.62	141.24	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ GC42 26	-72.04	110.92	(Delmotte et al., 1997)	-
❖ GC42	-72.04	110.92	(Morgan, 1982)	-
❖ MirnyVostokVK 797	-71.61	99.01	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖ LGB16W50	-72.65	55.93	(Delmotte et al., 1997)	-
❖ LGB16	-72.81	57.33	(Delmotte et al., 1997)	-
❖ LGB16	-72.82	57.33	(Xiao et al., 2004)	-
❖ Vinson Massif	-78.58	274.58	(Masson-Delmotte et al., 2008)	-
❖ LGB53	-74.90	75.25	(Delmotte et al., 1997)	-

❖	D2	-75.62	140.63	(Frezzotti et al., 2005; Proposito et al., 2002)	-
❖	13.00	-71.64	101.83	(Petit et al., 1991)	-
❖	14.00	-71.90	103.31	(Petit et al., 1991)	-
❖	14.00	-71.90	103.31	(Petit et al., 1991)	-
❖	37.00	-79.17	273.15	(Dahe et al., 1994)	-
❖	15.00	-72.19	105.39	(Petit et al., 1991)	-
❖	LGB52	-75.09	74.52	(Delmotte et al., 1997)	-
❖	GL01/930	-83.17	300.43	(Graf et al., 1999)	-
❖	GC43 50	-72.38	110.74	(Delmotte et al., 1997)	-
❖	MirnyVostok Vostok1	-72.13	96.58	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	LGB17	-73.05	56.84	(Delmotte et al., 1997)	-
❖	GC44 30	-72.43	110.70	(Delmotte et al., 1997)	-
❖	Byrd	-80.02	240.48	(Masson-Delmotte et al., 2008)	-
❖	ITS142	-75.62	139.44	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	LGBOS17	-72.97	55.39	(Delmotte et al., 1997)	-
❖	DML08C97_00	-75.75	3.28	(Graf et al., 2002)	-
❖	US_ITASE_Byrd_1	-80.00	240.00	(Steig et al., 2005)	-
❖	LGB51	-75.28	73.78	(Delmotte et al., 1997)	-
❖	D115	-72.70	129.62	(Delmotte et al., 1997)	-
❖	MirnyVostokVK 747	-72.04	99.49	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	I365	-74.92	47.94	(Kato et al., 1977)	-
❖	16.00	-72.54	107.06	(Petit et al., 1991)	-
❑	GL02/950	-83.39	299.94	(Graf et al., 1999)	-
❖	D116	-72.77	129.47	(Delmotte et al., 1997)	-

❖	ITS146	-75.63	138.72	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	DML09S97_13	-75.93	7.21	(Graf et al., 2002)	-
❖	ITS147	-75.62	138.54	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	LGB18	-73.31	56.47	(Delmotte et al., 1997)	-
❖	ITS148	-75.62	138.36	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	LGB50	-75.47	73.03	(Delmotte et al., 1997)	-
❖	93.00	-72.47	96.75	(Dahe et al., 1994)	-
❖	LGBOS16	-73.29	54.85	(Delmotte et al., 1997)	-
❖	James Ross Island	-58.26	295.78	(Aristarain, 1980)	-
❖	US_ITASE_1999_2	-81.20	233.83	(Steig et al., 2005)	-
❖	ITS152	-75.62	137.64	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	GC45 46	-72.87	110.49	(Delmotte et al., 1997)	-
❖	17.00	-72.89	108.79	(Petit et al., 1991)	-
❖	38.00	-79.75	274.70	(Dahe et al., 1994)	-
❖	ITS153	-75.61	137.45	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	LGB48	-75.66	72.27	(Delmotte et al., 1997)	-
❖	ITS154	-75.61	137.27	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	LGBOS15	-73.62	54.29	(Delmotte et al., 1997)	-
❖	LGBOS14	-73.76	54.03	(Delmotte et al., 1997)	-
❖	LGB19	-73.57	56.07	(Delmotte et al., 1997)	-
❖	ITS156	-75.61	136.91	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	US_ITASE_1999_1	-80.62	237.37	(Steig et al., 2005)	-

GL05/1000	-83.92	299.64	(Graf et al., 1999)	-
ITS157	-75.61	136.74	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
MirnyVostokVK 686	-72.57	100.10	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
92.00	-72.85	96.98	(Dahe et al., 1994)	-
LGB46	-75.85	71.50	(Delmotte et al., 1997)	-
LGBOS13	-74.15	54.08	(Delmotte et al., 1997)	-
ITS160	-75.61	136.19	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
LGB44	-75.86	70.40	(Delmotte et al., 1997)	-
D123	-73.39	128.19	(Delmotte et al., 1997)	-
GM13 34	-73.24	110.46	(Delmotte et al., 1997)	-
ITS161	-75.60	136.01	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
LGB20	-73.83	55.67	(Delmotte et al., 1997)	-
LGB42	-75.86	69.30	(Delmotte et al., 1997)	-
ITS162	-75.60	135.83	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
D4	-75.60	135.81	(Frezzotti et al., 2005; Proposito et al., 2002)	-
39.00	-80.30	278.65	(Dahe et al., 1994)	-
LGB40	-75.86	68.20	(Delmotte et al., 1997)	-
ITS164	-75.58	135.35	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
LGBOS12	-74.50	54.24	(Delmotte et al., 1997)	-
24.00	-73.44	111.00	(Petit et al., 1991)	-
40.00	-80.75	278.75	(Dahe et al., 1994)	-
I485	-75.99	48.10	(Kato et al., 1977)	-

❖ LGB21	-74.10	55.75	(Delmotte et al., 1997)	-
❖ ITS167	-75.58	134.81	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ LGB39	-76.02	67.41	(Delmotte et al., 1997)	-
❖ <	-73.30	97.15	(Dahe et al., 1994)	-
❖ ITS168	-75.58	134.63	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ MirnyVostokVK 631	-73.05	100.65	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖ LGB36	-75.87	65.43	(Delmotte et al., 1997)	-
❖ LGBOS11	-74.86	54.40	(Delmotte et al., 1997)	-
❖ GC47 38	-73.70	110.20	(Delmotte et al., 1997)	-
❖ GC47	-73.70	110.20	(Morgan, 1982)	-
❖ 41.00	-81.20	278.00	(Dahe et al., 1994)	-
❖ 18.00	-73.72	113.78	(Petit et al., 1991)	-
❖ LGB22	-74.36	55.91	(Delmotte et al., 1997)	-
❖ LGB38	-76.14	66.85	(Delmotte et al., 1997)	-
❖ LGB37	-76.08	66.15	(Delmotte et al., 1997)	-
❖ LGB35	-76.04	65.02	(Delmotte et al., 1997)	-
❖ GL04/1100	-84.82	300.37	(Graf et al., 1999)	-
❖ 19.00	-73.93	115.61	(Petit et al., 1991)	-
❖ LGB23	-74.63	56.04	(Delmotte et al., 1997)	-
❖ Dominion Range	-85.25	166.17	(Mayewski et al., 1990)	-
❖ LGBOS10	-75.21	54.57	(Delmotte et al., 1997)	-
❖ 90.00	-73.68	97.43	(Dahe et al., 1994)	-
❖ LGB34	-76.07	63.91	(Delmotte et al., 1997)	-
❖ MirnyVostokK1	-73.49	101.15	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖ 42.00	-81.80	277.17	(Dahe et al., 1994)	-

❖	21.00	-74.18	117.72	(Petit et al., 1991)	-
❖	LGB24	-74.90	56.17	(Delmotte et al., 1997)	-
❖	ITS180	-75.52	132.48	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	Dome F	-77.19	39.42	(Satow and Watanabe, 1990; Watanabe, 1977)	-
❖	Dome F	-77.19	39.42	(Fujita and Abe, 2006; Motoyama et al., 2005)	-
❖	20.00	-74.25	118.03	(Petit et al., 1991)	-
❖	43.00	-81.92	276.67	(Dahe et al., 1994)	-
❖	GC46 42	-74.14	109.83	(Delmotte et al., 1997)	-
❖	LGB33	-76.09	62.79	(Delmotte et al., 1997)	-
❖	ITS182	-75.52	132.12	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	LGBOS09	-75.52	54.92	(Delmotte et al., 1997)	-
❖	MirnyVostokKOMS	-73.75	101.44	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	DC	-74.15	123.10	(Delmotte et al., 1997)	-
❖	LGB25	-75.16	56.31	(Delmotte et al., 1997)	-
❖	D137	-74.36	125.46	(Delmotte et al., 1997)	-
❖	LGB32	-76.10	61.68	(Delmotte et al., 1997)	-
❖	ITS185	-75.51	131.59	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	LGBOS01	-76.52	63.91	(Delmotte et al., 1997)	-
❖	Komsomoskaia	-74.10	97.45	(Ciais and Jouzel, 1994)	-
❖	22.00	-74.49	120.96	(Petit et al., 1991)	-
❖	ITS188	-75.49	131.05	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	LGB26	-75.43	56.45	(Delmotte et al., 1997)	-

❖	LGB31	-76.11	60.56	(Delmotte et al., 1997)	-
❖	44.00	-82.68	276.00	(Dahe et al., 1994)	-
❖	MirnyVostokVK 168	-74.15	101.89	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	LGBOS08	-75.85	55.53	(Delmotte et al., 1997)	-
❖	ITS191	-75.47	130.52	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	LGBOS02	-76.54	62.18	(Delmotte et al., 1997)	-
❖	ITS192	-75.47	130.34	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	LGB27	-75.70	56.60	(Delmotte et al., 1997)	-
❖	LGB30	-76.11	59.44	(Delmotte et al., 1997)	-
❖	89.00	-74.35	98.00	(Dahe et al., 1994)	-
❖	23.00	-74.73	124.37	(Petit et al., 1991)	-
❖	LGB29	-75.98	58.48	(Delmotte et al., 1997)	-
❖	D6	-75.45	129.81	(Frezzotti et al., 2005; Proposito et al., 2002)	-
❖	45.00	-83.08	275.25	(Dahe et al., 1994)	-
❖	LGB28	-75.84	57.53	(Delmotte et al., 1997)	-
❖	LGBOS03	-76.56	60.84	(Delmotte et al., 1997)	-
❖	ITS196	-75.44	129.58	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	ITS197	-75.43	129.40	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖	LGBOS07	-76.17	56.15	(Delmotte et al., 1997)	-
❖	LGBOS04	-76.56	59.87	(Delmotte et al., 1997)	-
❖	MirnyVostokVK 150	-74.65	102.47	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	S11	-74.73	97.51	(Petit et al., 1991)	-

❖ LGBOS05	-76.55	58.89	(Delmotte et al., 1997)	-
❖ 88.00	-74.73	98.68	(Dahe et al., 1994)	-
❖ S10	-74.84	97.37	(Petit et al., 1991)	-
❖ EPICA Dome C	-75.10	123.35	[Stenni et al. 2001]	-
❖ LGBOS06	-76.36	57.51	(Delmotte et al., 1997)	-
❖ ITS205	-75.38	127.99	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ ITS221	-75.27	125.19	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ ITS218	-75.29	125.71	(Frezzotti et al., 2005; Proposito et al., 2002; Stenni et al., 2000)	-
❖ S9	-75.15	96.98	(Petit et al., 1991)	-
❖ 46.00	-83.78	272.58	(Dahe et al., 1994)	-
❖ S8	-75.40	96.65	(Petit et al., 1991)	-
❖ 47.00	-84.20	271.92	(Dahe et al., 1994)	-
❖ S6	-76.05	95.82	(Petit et al., 1991)	-
❖ S7	-76.06	95.81	(Petit et al., 1991)	-
❖ 48.00	-84.58	271.08	(Dahe et al., 1994)	-
❖ S5	-76.43	95.34	(Petit et al., 1991)	-
❖ S4	-76.54	95.19	(Petit et al., 1991)	-
❖ MirnyVostokVK 114	-75.54	103.47	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖ S3	-76.84	94.80	(Petit et al., 1991)	-
❖ 49.00	-85.18	271.03	(Dahe et al., 1994)	-
❖ 87.00	-75.55	100.52	(Dahe et al., 1994)	-
❖ S2	-77.08	94.50	(Petit et al., 1991)	-
❖ Dome B	-77.08	94.92	[Jouzel et al. 1995]	-
❖ 50.00	-85.88	271.83	(Dahe et al., 1994)	-

❖	MirnyVostok B96	-76.03	104.03	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	86.00	-75.90	100.52	(Dahe et al., 1994)	-
❖	51.00	-86.20	271.58	(Dahe et al., 1994)	-
❖	52.00	-86.57	271.05	(Dahe et al., 1994)	-
❖	MirnyVostok B78	-76.49	104.55	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	53.00	-86.90	269.68	(Dahe et al., 1994)	-
❖	85.00	-76.60	102.00	(Dahe et al., 1994)	-
❖	US_ITASE_2002_4	-86.50	252.01	(Steig et al., 2005)	-
❖	MirnyVostok B58	-76.99	105.12	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❑	Hercules Dome	-86.00	255.00	(Jacobel et al., 2005)	-
❖	84.00	-77.00	102.92	(Dahe et al., 1994)	-
❖	72.00	-83.73	106.40	(Dahe et al., 1994)	-
❖	54.00	-87.60	268.90	(Dahe et al., 1994)	-
❖	73.00	-83.00	106.20	(Dahe et al., 1994)	-
❖	74.00	-82.67	106.32	(Dahe et al., 1994)	-
❖	71.00	-84.12	106.28	(Dahe et al., 1994)	-
❖	70.00	-84.47	106.28	(Dahe et al., 1994)	-
❖	75.00	-81.83	106.47	(Dahe et al., 1994)	-
❖	69.00	-85.22	105.82	(Dahe et al., 1994)	-
❖	76.00	-81.08	106.43	(Dahe et al., 1994)	-
❖	55.00	-87.95	268.08	(Dahe et al., 1994)	-
❖	68.00	-85.55	105.67	(Dahe et al., 1994)	-
❖	Dome A	-80.37	77.37	(Masson-Delmotte et al., 2008)	-
❖	77.00	-80.70	106.20	(Dahe et al., 1994)	-
❖	MirnyVostok B37	-77.54	105.74	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-

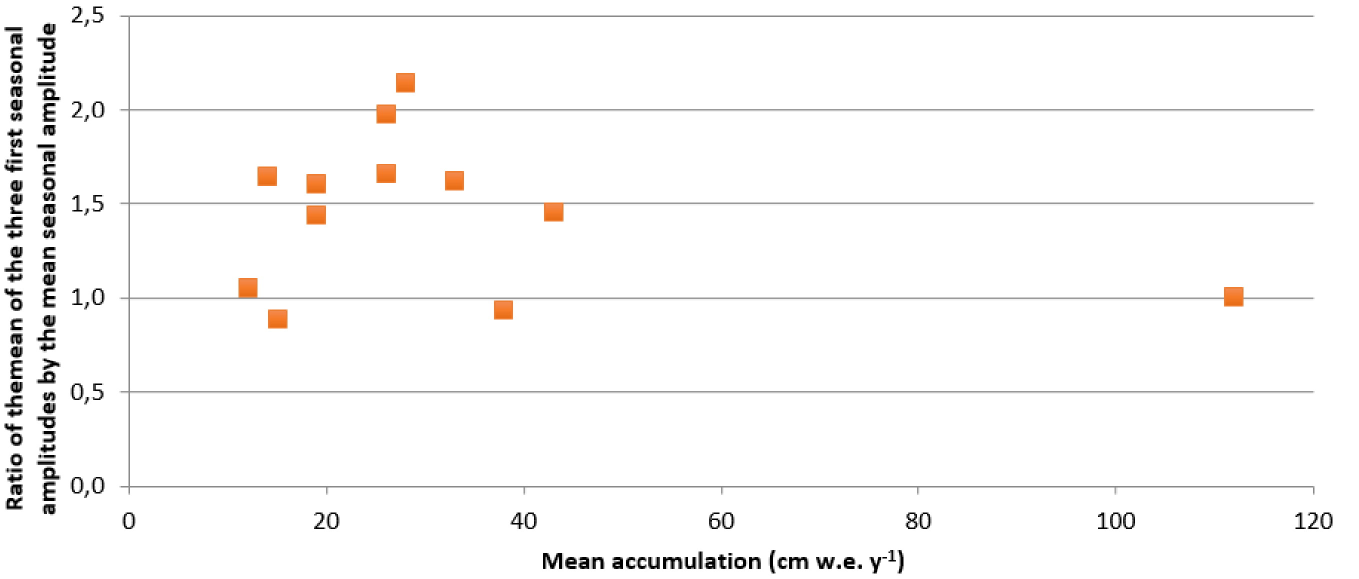
❖	78.00	-80.28	106.23	(Dahe et al., 1994)	-
❖	67.00	-86.60	104.95	(Dahe et al., 1994)	-
❖	83.00	-77.72	104.78	(Dahe et al., 1994)	-
❖	56.00	-88.63	267.57	(Dahe et al., 1994)	-
❖	79.00	-79.70	106.07	(Dahe et al., 1994)	-
❖	MirnyVostokVK26	-77.83	106.08	(Ekaykin et al., 2001; Lipenkov and Barkov, 1998)	-
❖	66.00	-87.33	104.42	(Dahe et al., 1994)	-
❖	US_ITASE_2001_5	-89.14	282.94	(Steig et al., 2005)	-
❖	80.00	-79.13	106.13	(Dahe et al., 1994)	-
❖	65.00	-87.70	104.65	(Dahe et al., 1994)	-
❖	57.00	-89.00	267.03	(Dahe et al., 1994)	-
❖	81.00	-78.77	106.68	(Dahe et al., 1994)	-
❖	64.00	-88.05	104.58	(Dahe et al., 1994)	-
❖	58.00	-89.37	268.35	(Dahe et al., 1994)	-
❖	82.00	-78.12	105.78	(Dahe et al., 1994)	-
❖	63.00	-88.43	104.45	(Dahe et al., 1994)	-
❖	Vostok	-78.47	106.84	(Ekaykin et al., 2002)	-
❖	Vostok BH8	-78.47	106.80	(Vimeux et al., 2001)	-
❖	62.00	-89.18	105.58	(Dahe et al., 1994)	-
❖	61.00	-89.53	108.30	(Dahe et al., 1994)	-
❖	60.00	-89.88	114.37	(Dahe et al., 1994)	-
❖	59.00	-90.00	0.00	(Dahe et al., 1994)	-
❖	South Pole	-90.00	0.00	(Jouzel et al., 1983)	-
❖	Plateau Remote	-84.00	43.00	(Mosley-Thompson, 1996)	-
❖	**Halley**	**-75.58**	**339.43**	**(Rozanski et al., 1993)**	**01/1965-31/12/2014**
❖	**Base tte. Marsh**	**-62.12**	**301.44**	**(Rozanski et al., 1993)**	**01/1990-12/1991**
❖	**Rothera Point**	**-67.57**	**291.87**	**(Rozanski et al., 1993)**	**01/1996-12/2014**
❖	**Vernadsky**	**-65.08**	**296.02**	**(Rozanski et al., 1993)**	**01/1964-12/2013**

❖	Vostok	-78.5	106.9	(Landais et al., 2012)	16/12/1999-11/10/2000
❖	DDU	-66.7	140.00	(Pers. Comm.. Jean Jouzel, 2016)	02/02/1973-27/11/1973
❖	Neumayer	-70.7	351.60	(Schlosser et al., 2008)	04.02/1999-28/09/2000
❖	Dome F	-77.3	39.7	(Fujita and Abe, 2006)	14/05/2003-19/01/2004
❖	Dome C	-75.1	123.4	(Stenni et al., 2016)	18/12/2007-30/11/2010
❖	Frei (south shetland islands)	-62.20	301.04	(Fernandoy et al., 2012)	02/2008-03/2009
❖	O'Higgins (north peninsula)	-63.32	302.10	(Fernandoy et al., 2012)	02/2008-03/2009

S2: Mean of the three first seasonal amplitudes (“3-points mean seasonal amplitude”, in ‰), mean seasonal amplitude (in ‰), ratio of the mean of the three first seasonal amplitudes by the mean seasonal amplitude over the whole available covered period of ice cores dated at the sub-annual scale (“ration”), and yearly mean accumulation (“Accumulation”, in cm w.e. y-1). Blank cells remain in the “Accumulation” column when no provided.

	3-points mean seasonal amplitude (‰)	Mean seasonal amplitude (‰)	Ratio	Accumulation (cm w.e. y-1)
USITASE-2000-1	6.46	3.92	1.65	14
USITASE-2000-2	8.43	4.27	1.98	26
USITASE-2000-3	**7.18**	**7.78**	**0.92**	
USITASE-2000-4	97.98	61.04	1.61	19
USITASE 2000-5	4.55	4.33	1.05	12
USITASE-2000-6	**2.40**	**5.64**	**0.43**	
USITASE-2001-1	4.23	2.55	1.66	26
USITASE-2001-2	9.80	6.73	1.46	43
USITASE-2001-3	11.02	6.80	1.62	33
USITASE-2001-4	67.36	46.87	1.44	19
USITASE-2001-5	**5.88**	**6.31**	**0.93**	**38**
USITASE-2002-1	11.06	6.13	1.80	
USITASE-2002-2	6.88	3.83	1.80	
USITASE-2002-4	**5.68**	**6.40**	**0.89**	**15**
NUS 08-7	6.65	5.15	1.29	
NUS 07-1	6.09	3.00	2.03	
WDC06A	**2.00**	**2.15**	**0.93**	
IND25	90.59	42.22	2.15	28
GIP	5.50	5.44	1.01	112

S3: Ratio of the mean of the three first seasonal amplitudes by the mean seasonal amplitude over the whole available covered period of ice cores dated at the sub-annual scale ("ration") in function of the yearly mean accumulation ("Accumulation", in cm w.e. y-1). Only data of sub-annual resolved ice cores provided with accumulation are displayed.



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