

**MÝRDALSJÖKULL AND EYJAFJALLAJÖKULL
BOUGUER GRAVITY DATA**

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1. Introduction

This internal report describes the gravity data collected over the period 1991-2000 at the volcanoes Katla (Mýrdalsjökull) and Eyjafjallajökull in south Iceland. These data were to a varying degree tied to radio-echo sounding surveys of the ice caps, since a meaningful Bouguer anomaly cannot be determined for an ice-covered region without knowledge of bedrock topography. The descriptions are mainly extracts from an earlier report (Gudmundsson and Högnadóttir, 2001).

The distribution of gravity points is shown on Figure 1. Figure 1a shows data collected by IES (formerly Science Institute, University of Iceland) and 1b shows the existing regional data outside the ice caps. These data were collected in 1968-71 and 1985 and have a typical point spacing of 8 km (Thorbergsson et al., 1993).

2. Mýrdalsjökull 1991 and 1998

This survey was carried out alongside the radio echo survey of the Science Institute when the ice surface and bedrock were mapped (Björnsson et al. 2000). The work on the ice cap was done in May 1991 by Magnús T. Guðmundsson and Torfi Hjaltason. In late June several more points were collected to the south of Mýrdalsjökull, but particularly in the Þórsmörk area to the west of the ice cap. In April 1998 further surveying was done at Fimmvörðuháls.

A line of benchmarks was optically levelled (by surveyor Axel Einarsson) across the ice cap from geodetic fixed point M-35 on Mælifellssandur to the north of the ice cap to geodetic fixed point VR11550 in Mýrdalur on its south side. The benchmarks provided elevation control for the barometric levelling which was done using a Baromec field barometer with an automatic recording of air pressure and temperature at temporary bases on the ice cap. The station 5212 Skógar was used as gravity base. Since the fieldwork was done in two stretches of several days on the ice cap, two temporary gravity bases (MBASE1 and MBASE2) were established at the two field camps within the caldera. Since these were points on a firn surface that experiences annual elevation fluctuations of a few meters, the values only apply to the 1991 survey.

Table 1: Temporary bases on Mýrdalsjökull in 1991.

	Latitude	Longitude	m a.s.l.	g_{abs} (mGal)
MBASE1	63°36.717'N	19°06.884'W	1296.3	981956.82±0.10
MBASE2	63°40.768'N	19°07.508'W	1391.3	981913.71±0.10

The survey was funded by a grant from the Icelandic Science Fund but logistical support was obtained through combining the survey with the radio echo work.

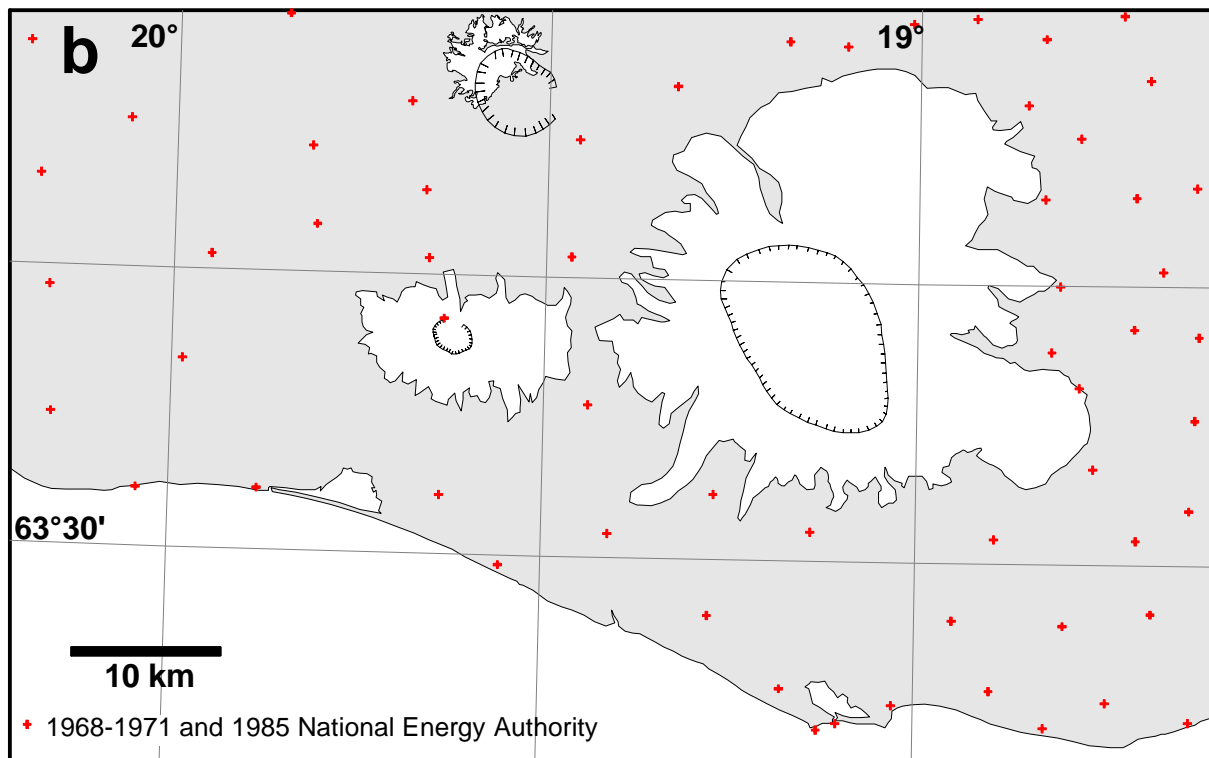
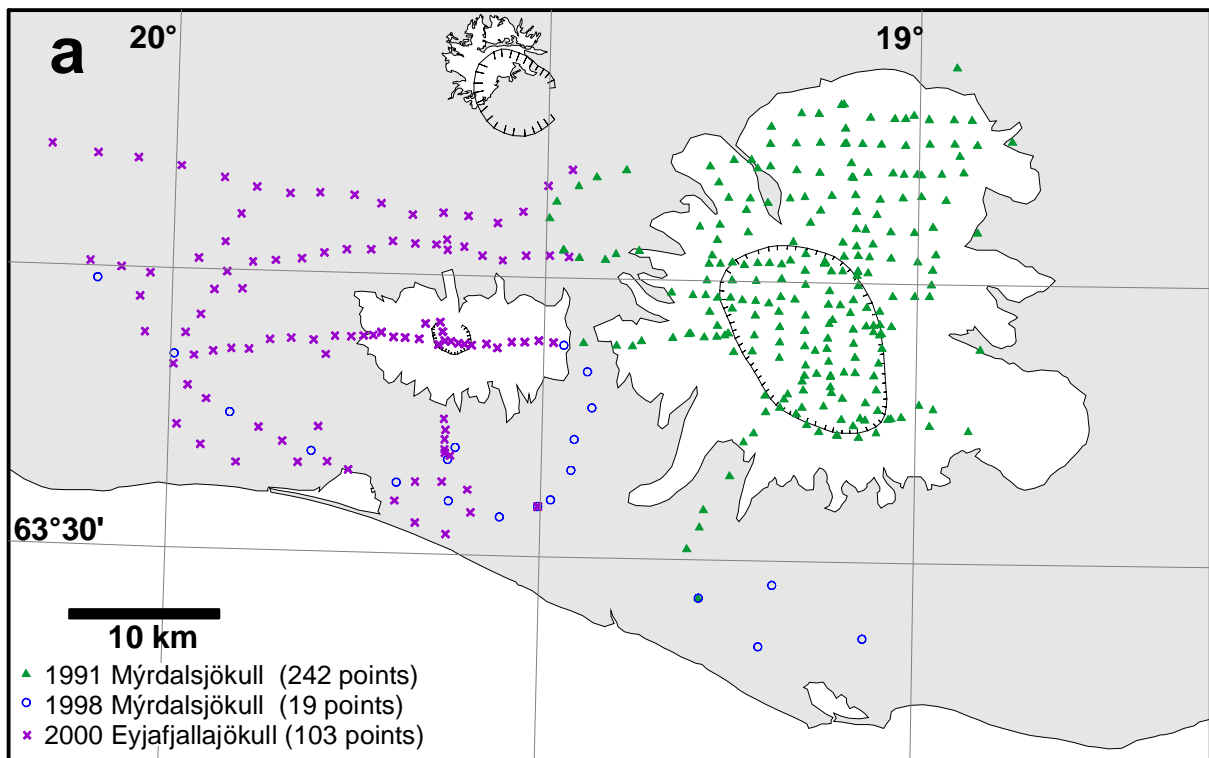


Figure 1. Gravity data in the Katla region.

3. Eyjafjallajökull 2000

In the year 2000, work started on Eyjafjallajökull. The surveying was done on a 4WD truck on April 29, on a car and snowmobiles (the ice cap accessed from Fimmvörðuháls) on May 25-26 and on June 3 the lowlands to the northwest were surveyed. A total of 103 points were collected. Participants in this survey were Magnús T. Guðmundsson, Snævarr Guðmundsson and Þórdís Högnadóttir. The ice surface DEM used for gravity reductions was compiled from the submeter DGPS gravity station elevations and the Icelandic Geodetic Survey 1:50,000 contour map. Ice thickness measurements done with radio-echo soundings by Sara Strachan (Strachan, 2001) was used to construct a bedrock DEM for the ice cap. Financial support for the gravity work was came from the University of Iceland Research Fund.

4. The gravity data

4.1. Topographic corrections

Since glaciers cover a substantial part of the survey area, a two layer correction is applied:

δg_{TU} : Correction for mass between ice surface and sea level, density $\rho = 900 \text{ kg m}^{-3}$

δg_{TL} : Correction for mass of bedrock above sea level, density $\rho = \rho_i = 900 \text{ kg m}^{-3}$

Outside glaciers the two surfaces are identical. δg_{TU} and δg_{TL} can be found as entries in data list on pages 5-10. The tabulated values can be used to calculate full topographic corrections, δg_{total} (complete Bouguer corrections) assuming some realistic density ρ_b for the bedrock, by using the equation

$$dg_{total} = dg_{TU} + \frac{r_b - r_i}{r_i} dg_{TL} - T_{B-C} \quad (1)$$

The complete Bouguer anomaly is calculated using:

$$g_{Bou} = g_{FA} - dg_{total} \quad (2)$$

In the ocean region to the south of the survey area the topography is assumed to be flat and at sea level. 2-D forward models indicate that the effect of ignoring the mass deficiency in the ocean is less than about 0.5 mGal where it is greatest near the coast and on the top of Mýrdalsjökull.

The gravity data file with the full Bouguer reductions on land is available to VOLUME members when requested.

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Þórdís Högnadóttir, research associate, disah@raunvis.hi.is

4.2. Explanations to list on p. 5-10.

g_{abs}	Absolute value of gravitational acceleration in mGal
Δh	Uncertainty in station elevation
$T_{\text{B-C}}$	Terrain corrections for Hammer Zones B-C where smallest grid spacing of DEMs is 200 m.

Reference Bases:

SKÓGAR	5212	Skógar
HELLA	5211	Hella
HAGI	(403)	Hagi

Surveyor:

MTG	Magnús Tumi Guðmundsson
PH	Pórdís Högnadóttir

Gravity meters:

G-445	LaCoste-Romberg G-445
CG-3M	Scintrex CG-3M

5. References

- Björnsson, H., F. Pálsson, M.T. Guðmundsson. 2000. *Surface and bedrock topography of Mýrdalsjökull ice cap, Iceland: The Katla caldera, eruption sites and routes of Jökulhlaups*. Jökull, 49, 29-46.
- Guðmundsson, M.T., and Högnadóttir, Þ. 2001. *Gravity surveying 1988-2001: Central volcanoes in the Eastern Volcanic Zone and hyaloclastite mountains in the Western Volcanic Zone*. Raunvísindastofnun Háskólans, RH-22-2001. 57 bls.
http://www.raunvis.hi.is/~mtg/pdf/RH-2001-22_Gravity_surveying_1988-2001.pdf
- Strachan, S. 2001. *A geophysical investigation of the Eyjafjallajökull glaciovolcanic system, South Iceland, using radio echo sounding*. University of Edinburgh, PhD-thesis (unpubl.). 200 pp.
- Thorbergsson, G., Magnússon, I.Þ., Pálmason, G., 1993. *Gravity data and gravity map of Iceland*. Report, National Energy Authority OS-93027/JHD-07, 38 pp. + 1 map.

STATION NAME	LATITUDE °N	LONGITUDE °W	HEIGHT m a.s.l.	g_{abs} mGal	DATE Y M D	REF. BASE	SUR- VEYOR	GRAV. METER	Δh m	dg_{TU} mGal	dg_{TL} mGal	g_{FA} mGal	$T_{\text{B-C}}$ mGal
Mýrdalsjökull 1991													
my1	63,52028	19,28649	421,5	982139,66	910509	SKOGAR	MTG	G-445	2	14,63	14,67	85,77	0,10
my2	63,50690	19,30261	221,5	982180,02	910509	SKOGAR	MTG	G-445	2	7,49	7,62	65,38	0,00
my3	63,61195	19,11474	1296,3	981956,79	910509	SKOGAR	MTG	G-445	2	46,89	33,14	166,23	0,00
my4	63,64317	19,11767	1339,2	981927,86	910510	SKOGAR	MTG	G-445	2	48,61	28,42	148,28	0,00
my5	63,63417	19,11933	1330,3	981933,26	910510	SKOGAR	MTG	G-445	2	48,21	30,28	151,59	0,00
my6	63,62820	19,12034	1314,9	981940,89	910510	SKOGAR	MTG	G-445	2	47,68	30,99	154,90	0,00
my7	63,62048	19,11767	1309,4	981946,77	910510	SKOGAR	MTG	G-445	2	47,46	31,53	159,64	0,00
my8	63,61200	19,11468	1296,3	981956,79	910510	SKOGAR	MTG	G-445	2	46,90	33,13	166,23	0,00
my9	63,61195	19,11474	1296,3	981956,79	910510	SKOGAR	MTG	G-445	2	46,89	33,14	166,23	0,00
my10	63,61303	19,13336	1341,8	981944,62	910510	SKOGAR	MTG	G-445	2	48,49	33,09	168,02	0,00
my11	63,61818	19,14838	1352,3	981935,92	910510	SKOGAR	MTG	G-445	2	48,91	30,87	162,19	0,00
my14	63,62963	19,15016	1351,5	981929,87	910512	SKOGAR	MTG	G-445	2	48,99	30,50	155,07	0,00
my15	63,63877	19,15052	1354,9	981925,28	910512	SKOGAR	MTG	G-445	2	49,17	30,09	150,87	0,00
my16	63,64776	19,14955	1368,4	981919,56	910512	SKOGAR	MTG	G-445	2	49,68	28,40	148,66	0,00
my17	63,64058	19,18404	1392,3	981913,60	910512	SKOGAR	MTG	G-445	2	50,41	32,56	150,60	0,00
my18	63,63162	19,18344	1375,1	981930,33	910512	SKOGAR	MTG	G-445	2	49,77	32,48	162,67	0,00
my19	63,62237	19,18380	1354,5	981935,85	910512	SKOGAR	MTG	G-445	2	48,99	30,72	162,50	0,00
my20	63,60052	19,17176	1347,2	981937,46	910512	SKOGAR	MTG	G-445	2	48,23	34,81	163,43	0,00
my23	63,60175	19,11334	1337,9	981946,87	910512	SKOGAR	MTG	G-445	2	48,13	33,25	169,88	0,00
my25	63,64066	19,26751	1468,4	981913,98	910527	SKOGAR	MTG	G-445	2	52,21	43,78	174,46	0,00
my26	63,63622	19,25297	1479,5	981917,42	910527	SKOGAR	MTG	G-445	2	52,70	43,93	181,64	0,00
my27	63,63424	19,26811	1477,4	981916,46	910527	SKOGAR	MTG	G-445	2	52,15	43,46	180,18	0,00
my28	63,64743	19,21742	1419,4	981916,59	910527	SKOGAR	MTG	G-445	2	51,30	32,96	161,46	0,00
my29	63,63552	19,21794	1406,0	981933,24	910528	SKOGAR	MTG	G-445	2	50,74	37,46	174,83	0,00
my30	63,62594	19,22014	1361,4	981946,67	910528	SKOGAR	MTG	G-445	2	49,07	38,07	175,19	0,00
my31	63,63375	19,28511	1371,8	981940,74	910528	SKOGAR	MTG	G-445	2	48,71	42,37	171,90	0,00
my32	63,63544	19,30590	1280,0	981958,30	910528	SKOGAR	MTG	G-445	5	45,63	40,69	161,01	0,00
my33	63,62772	19,40250	1099,4	981995,17	910528	SKOGAR	MTG	G-445	5	39,32	38,03	142,71	0,00
my34	63,62866	19,44666	1009,7	982020,62	910528	SKOGAR	MTG	G-445	5	36,36	36,16	140,41	0,05
my35	63,62761	19,38090	1109,6	981986,92	910528	SKOGAR	MTG	G-445	5	39,74	33,41	137,61	0,00
my36	63,63070	19,36919	1175,0	981970,96	910528	SKOGAR	MTG	G-445	5	41,46	34,17	141,61	0,00
my37	63,63307	19,32725	1221,8	981965,57	910528	SKOGAR	MTG	G-445	5	43,56	36,68	150,49	0,00
my38	63,63575	19,30360	1281,4	981958,32	910528	SKOGAR	MTG	G-445	5	45,73	41,39	161,44	0,00
my39	63,63508	19,25772	1505,4	981910,58	910528	SKOGAR	MTG	G-445	2	53,32	44,09	182,88	0,00
my40	63,62517	19,24534	1424,2	981937,56	910528	SKOGAR	MTG	G-445	2	50,70	42,81	185,51	0,00
my41	63,59983	19,20183	1291,8	981967,03	910528	SKOGAR	MTG	G-445	2	46,38	36,02	175,96	0,00
my42	63,58977	19,20057	1337,8	981960,87	910528	SKOGAR	MTG	G-445	2	47,37	40,41	184,72	0,00
my43	63,59772	19,17664	1362,4	981953,88	910528	SKOGAR	MTG	G-445	2	48,79	35,30	184,75	0,00
my44	63,58877	19,15989	1397,4	981939,43	910528	SKOGAR	MTG	G-445	2	49,60	39,38	181,74	0,00
my45	63,58246	19,14558	1427,8	981930,84	910528	SKOGAR	MTG	G-445	2	50,13	41,87	182,99	0,00
my46	63,57863	19,12918	1460,3	981921,56	910528	SKOGAR	MTG	G-445	2	50,54	43,51	184,02	0,00
my47	63,60528	19,11473	1296,1	981956,99	910528	SKOGAR	MTG	G-445	2	46,78	34,00	166,85	0,00
my48	63,59368	19,12334	1369,3	981937,84	910528	SKOGAR	MTG	G-445	2	49,01	33,33	171,13	0,00
my49	63,59293	19,15241	1394,4	981936,28	910528	SKOGAR	MTG	G-445	2	49,79	36,14	177,37	0,00
my50	63,60316	19,15110	1377,3	981942,34	910528	SKOGAR	MTG	G-445	2	49,51	35,13	177,41	0,00
my51	63,61207	19,14959	1358,1	981940,86	910528	SKOGAR	MTG	G-445	2	49,02	32,83	169,36	0,00
my52	63,62695	19,13596	1333,7	981937,49	910528	SKOGAR	MTG	G-445	2	48,38	31,45	157,39	0,00
my53	63,64542	19,11332	1334,5	981928,70	910528	SKOGAR	MTG	G-445	2	48,47	28,00	147,51	0,00
my54	63,60850	19,15266	1365,1	981944,03	910601	SKOGAR	MTG	G-445	2	49,22	34,41	174,95	0,00
my55	63,59246	19,18190	1363,8	981956,20	910601	SKOGAR	MTG	G-445	2	48,57	40,63	187,88	0,00
my56	63,57692	19,21625	1148,7	981999,70	910601	SKOGAR	MTG	G-445	2	40,67	37,16	166,12	0,00
my57	63,57161	19,22969	1066,8	982014,82	910601	SKOGAR	MTG	G-445	2	37,56	33,28	156,35	0,00
my58	63,55125	19,24726	782,6	982074,10	910601	SKOGAR	MTG	G-445	2	27,73	27,80	129,40	0,00
my59	63,53050	19,28159	535,1	982117,38	910601	SKOGAR	MTG	G-445	2	18,85	18,98	97,81	0,00
my60	63,47786	19,28637	50,9	982211,81	910601	SKOGAR	MTG	G-445	2	1,39	1,48	46,63	0,00
my61	63,67437	19,11594	1378,0	981918,04	910510	SKOGAR	MTG	G-445	2	49,95	31,63	148,19	0,00
my62	63,66267	19,11768	1361,1	981921,77	910510	SKOGAR	MTG	G-445	2	49,42	29,18	147,54	0,00
my63	63,65442	19,11929	1349,6	981923,42	910510	SKOGAR	MTG	G-445	2	49,03	27,80	146,24	0,00
my64	63,65748	19,16432	1377,2	981914,51	910512	SKOGAR	MTG	G-445	2	49,98	27,68	145,63	0,00
my65	63,66604	19,15034	1382,0	981912,07	910512	SKOGAR	MTG	G-445	2	50,16	28,28	144,05	0,00

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my66	63,67478	19,15133	1392,4	981911,07	910512	SKOGAR	MTG	G-445	2	50,46	29,73	145,63	0,00
my67	63,68437	19,15087	1389,4	981916,95	910512	SKOGAR	MTG	G-445	2	50,22	34,26	149,89	0,00
my68	63,68043	19,17146	1376,1	981917,48	910512	SKOGAR	MTG	G-445	2	49,85	32,02	146,60	0,00
my69	63,67820	19,18276	1362,5	981918,44	910512	SKOGAR	MTG	G-445	2	49,42	30,53	143,53	0,00
my70	63,67868	19,19943	1346,1	981921,60	910512	SKOGAR	MTG	G-445	2	48,85	30,21	141,59	0,00
my71	63,67857	19,21528	1345,5	981923,60	910512	SKOGAR	MTG	G-445	2	48,74	31,50	143,41	0,00
my72	63,67727	19,23314	1354,7	981925,31	910512	SKOGAR	MTG	G-445	2	48,97	34,49	148,06	0,00
my73	63,67859	19,24934	1360,1	981926,28	910512	SKOGAR	MTG	G-445	2	48,91	37,27	150,60	0,00
my74	63,67800	19,26530	1416,0	981913,99	910512	SKOGAR	MTG	G-445	2	50,48	40,53	155,60	0,00
my75	63,67764	19,28049	1403,3	981913,09	910512	SKOGAR	MTG	G-445	2	49,75	40,52	150,81	0,00
my76	63,66775	19,28297	1424,4	981912,13	910512	SKOGAR	MTG	G-445	2	50,45	40,58	157,07	0,00
my77	63,65898	19,28422	1430,3	981912,55	910512	SKOGAR	MTG	G-445	2	50,72	39,42	159,95	0,00
my78	63,65747	19,26798	1429,6	981915,57	910512	SKOGAR	MTG	G-445	2	51,13	39,81	162,86	0,00
my79	63,65760	19,25087	1379,7	981925,65	910512	SKOGAR	MTG	G-445	2	49,75	34,32	157,53	0,00
my80	63,65616	19,23476	1411,3	981913,54	910512	SKOGAR	MTG	G-445	2	50,93	32,48	155,28	0,00
my81	63,65615	19,21706	1408,5	981911,42	910512	SKOGAR	MTG	G-445	2	50,96	30,03	152,29	0,00
my82	63,65468	19,19929	1402,5	981911,37	910512	SKOGAR	MTG	G-445	2	50,83	29,08	150,50	0,00
my83	63,65855	19,18318	1393,0	981909,21	910512	SKOGAR	MTG	G-445	2	50,50	27,95	145,13	0,00
my84	63,64975	19,18560	1400,7	981914,64	910512	SKOGAR	MTG	G-445	2	50,74	30,13	153,57	0,00
my85	63,67947	19,12513	1391,3	981913,66	910527	SKOGAR	MTG	G-445	2	50,35	32,23	147,54	0,00
my86	63,69168	19,16783	1374,5	981928,16	910527	SKOGAR	MTG	G-445	2	49,50	41,04	155,98	0,00
my87	63,68262	19,27648	1432,5	981904,89	910527	SKOGAR	MTG	G-445	2	50,56	41,58	151,26	0,00
my88	63,69200	19,27009	1398,3	981908,19	910527	SKOGAR	MTG	G-445	2	49,27	42,10	143,33	0,00
my89	63,70100	19,26708	1336,4	981920,46	910527	SKOGAR	MTG	G-445	2	45,94	43,82	135,85	0,00
my90	63,69973	19,29383	1293,1	981930,93	910527	SKOGAR	MTG	G-445	2	45,04	37,74	133,05	0,00
my91	63,64917	19,27833	1427,0	981919,41	910527	SKOGAR	MTG	G-445	2	50,80	42,40	166,50	0,00
my94	63,66930	19,18263	1379,7	981910,55	910528	SKOGAR	MTG	G-445	2	50,04	27,42	141,59	0,00
my95	63,66790	19,21670	1378,1	981913,45	910528	SKOGAR	MTG	G-445	2	49,93	29,15	144,09	0,00
my96	63,66802	19,24930	1382,0	981920,40	910528	SKOGAR	MTG	G-445	2	49,73	33,89	152,24	0,00
my97	63,65109	19,24824	1425,5	981918,12	910528	SKOGAR	MTG	G-445	2	51,25	36,53	164,60	0,00
my100	63,65877	19,30146	1376,5	981927,73	910528	SKOGAR	MTG	G-445	2	48,22	40,91	158,54	0,00
my105	63,75133	19,13367	948,8	981991,96	910529	SKOGAR	MTG	G-445	2	34,89	25,60	84,11	0,00
my106	63,76850	19,13617	844,1	982018,26	910529	SKOGAR	MTG	G-445	2	31,10	24,10	76,86	0,00
my107	63,76850	19,15982	813,8	982028,26	910529	SKOGAR	MTG	G-445	2	29,98	23,55	77,51	0,00
my108	63,76033	19,20017	790,5	982036,80	910529	SKOGAR	MTG	G-445	5	29,08	23,39	79,45	0,00
my109	63,74983	19,20083	825,0	982028,48	910529	SKOGAR	MTG	G-445	5	30,24	24,70	82,53	0,00
my110	63,74000	19,22600	760,9	982046,40	910529	SKOGAR	MTG	G-445	5	27,54	24,56	81,38	0,00
my111	63,73984	19,24983	740,3	982051,20	910529	SKOGAR	MTG	G-445	5	26,90	21,85	79,83	0,00
my112	63,73600	19,28134	691,6	982061,49	910529	SKOGAR	MTG	G-445	5	25,05	20,13	75,37	0,00
my113	63,72633	19,26966	772,0	982043,22	910529	SKOGAR	MTG	G-445	5	27,93	23,15	82,61	0,00
my114	63,71716	19,25584	881,9	982021,26	910529	SKOGAR	MTG	G-445	5	31,83	27,24	95,22	0,00
my115	63,71033	19,23150	1011,1	981991,26	910529	SKOGAR	MTG	G-445	2	36,58	30,33	105,59	0,00
my116	63,69683	19,22883	1147,2	981968,16	910529	SKOGAR	MTG	G-445	2	41,47	33,67	125,46	0,00
my117	63,71733	19,22700	938,7	982010,14	910529	SKOGAR	MTG	G-445	2	33,95	28,87	101,62	0,00
my118	63,73534	19,21750	808,3	982036,88	910529	SKOGAR	MTG	G-445	2	29,49	26,72	86,82	0,00
my119	63,73650	19,20034	873,5	982022,08	910529	SKOGAR	MTG	G-445	2	31,63	24,38	92,06	0,00
my120	63,73450	19,16516	994,8	981985,75	910529	SKOGAR	MTG	G-445	2	36,50	25,48	93,31	0,00
my121	63,73316	19,13383	1024,2	981977,66	910529	SKOGAR	MTG	G-445	2	37,62	26,58	94,38	0,00
my122	63,71966	19,11683	1088,2	981968,87	910529	SKOGAR	MTG	G-445	2	39,87	29,06	106,32	0,00
my123	63,71850	19,15332	1074,0	981970,04	910529	SKOGAR	MTG	G-445	2	39,32	27,79	103,19	0,00
my124	63,71767	19,17318	1046,0	981980,98	910529	SKOGAR	MTG	G-445	2	38,19	29,73	105,55	0,00
my125	63,70317	19,14517	1120,1	981975,50	910529	SKOGAR	MTG	G-445	2	40,71	31,76	123,98	0,00
my126	63,71083	19,13167	1108,1	981971,61	910529	SKOGAR	MTG	G-445	2	40,52	30,98	115,83	0,00
my129	63,75065	19,16609	910,3	982005,41	910529	SKOGAR	MTG	G-445	2	33,46	24,96	85,73	0,00
my133	63,68366	19,47609	239,3	982169,15	910629	SKOGAR	MTG	G-445	2	7,18	7,03	47,22	0,00
my134	63,70279	19,49610	222,5	982173,09	910629	SKOGAR	MTG	G-445	2	7,25	7,34	44,60	0,00
my135	63,71293	19,48681	242,4	982167,72	910629	SKOGAR	MTG	G-445	2	8,16	8,21	44,64	0,00
my136	63,72218	19,45784	280,9	982157,67	910629	SKOGAR	MTG	G-445	2	9,69	9,75	45,80	0,00
my137	63,72803	19,43380	318,8	982146,08	910629	SKOGAR	MTG	G-445	5	11,10	11,17	45,49	0,00
my138	63,73233	19,39392	437,5	982119,03	910629	SKOGAR	MTG	G-445	5	15,70	15,82	54,76	0,00
my141	63,67852	19,41995	272,1	982158,01	910630	SKOGAR	MTG	G-445	2	7,65	7,94	46,58	0,00
my142	63,68233	19,40584	303,0	982150,07	910630	SKOGAR	MTG	G-445	2	8,72	8,64	47,90	0,00
my143	63,68447	19,37448	350,5	982137,53	910630	SKOGAR	MTG	G-445	2	9,40	8,57	49,86	0,00

STATION NAME	LATITUDE °N	LONGITUDE °W	HEIGHT m a.s.l.	G _{abs} mGal	DATE Y M D	REF. BASE	SUR- VEYOR	GRAV. METER	Δh m	dg _{TU} mGal	dg _{TL} mGal	G _{FA} mGal	T _{B-C} mGal
my144	63,67935	19,45499	250,4	982165,28	910630	SKOGAR	MTG	G-445	2	7,08	7,02	47,09	0,00
my145	63,68366	19,47609	239,5	982169,15	910630	SKOGAR	MTG	G-445	2	7,19	7,03	47,28	0,00
my146	63,61420	19,09664	1262,3	981957,89	910510	SKOGAR	MTG	G-445	2	45,74	30,46	156,67	0,00
my147	63,61390	19,08168	1240,7	981958,74	910510	SKOGAR	MTG	G-445	2	44,91	28,98	150,88	0,00
my148	63,62313	19,08236	1238,0	981957,22	910510	SKOGAR	MTG	G-445	2	44,90	28,67	147,86	0,00
my149	63,63140	19,08451	1256,7	981951,01	910510	SKOGAR	MTG	G-445	2	45,62	28,98	146,82	0,00
my150	63,64005	19,08559	1284,2	981941,94	910510	SKOGAR	MTG	G-445	2	46,61	28,09	145,62	0,00
my151	63,65000	19,08951	1308,3	981934,98	910510	SKOGAR	MTG	G-445	2	47,51	27,59	145,37	0,00
my152	63,59850	19,09851	1348,6	981942,57	910512	SKOGAR	MTG	G-445	2	48,30	33,88	169,12	0,00
my153	63,58611	19,09919	1392,6	981929,91	910512	SKOGAR	MTG	G-445	2	49,47	35,80	170,94	0,00
my154	63,57663	19,10480	1472,5	981916,54	910512	SKOGAR	MTG	G-445	2	51,08	43,81	182,91	0,00
my155	63,58208	19,08323	1395,9	981927,37	910512	SKOGAR	MTG	G-445	2	49,32	38,73	169,71	0,00
my156	63,58583	19,06749	1369,5	981933,33	910512	SKOGAR	MTG	G-445	2	48,54	37,67	167,25	0,00
my157	63,59150	19,05083	1329,3	981945,81	910512	SKOGAR	MTG	G-445	2	47,25	37,60	166,91	0,00
my158	63,60384	19,05300	1213,4	981968,27	910512	SKOGAR	MTG	G-445	2	43,70	32,53	152,71	0,00
my159	63,61233	19,05667	1207,6	981964,56	910512	SKOGAR	MTG	G-445	2	43,70	29,91	146,60	0,00
my160	63,62000	19,05066	1199,0	981968,87	910512	SKOGAR	MTG	G-445	2	43,41	30,23	147,70	0,00
my161	63,62883	19,04634	1214,6	981968,44	910512	SKOGAR	MTG	G-445	2	43,98	31,30	151,45	0,00
my162	63,63750	19,04767	1244,0	981964,26	910512	SKOGAR	MTG	G-445	2	45,02	32,90	155,71	0,00
my163	63,64200	19,03416	1296,5	981957,08	910512	SKOGAR	MTG	G-445	2	46,33	38,89	164,41	0,00
my164	63,64233	19,05800	1279,2	981950,92	910512	SKOGAR	MTG	G-445	2	46,30	31,95	152,89	0,00
my165	63,57645	19,10435	1468,9	981916,35	910528	SKOGAR	MTG	G-445	2	50,98	43,96	181,62	0,00
my166	63,57556	19,07586	1489,3	981906,03	910528	SKOGAR	MTG	G-445	2	51,22	43,98	177,66	0,00
my167	63,57833	19,05243	1454,4	981913,98	910528	SKOGAR	MTG	G-445	2	50,27	43,92	174,64	0,00
my168	63,58633	19,03682	1404,0	981927,37	910528	SKOGAR	MTG	G-445	2	48,88	42,02	171,90	0,00
my169	63,58777	19,01918	1312,4	981948,16	910528	SKOGAR	MTG	G-445	5	45,92	39,10	164,32	0,00
my170	63,59495	18,99565	1137,1	981986,49	910528	SKOGAR	MTG	G-445	5	40,23	35,14	148,03	0,00
my171	63,59242	18,97669	1068,7	981999,75	910528	SKOGAR	MTG	G-445	5	37,77	31,78	140,36	0,00
my172	63,58272	18,98117	1063,0	981999,73	910528	SKOGAR	MTG	G-445	5	37,57	32,87	139,29	0,00
my173	63,59627	19,06750	1251,4	981964,84	910528	SKOGAR	MTG	G-445	2	44,80	33,53	161,56	0,00
my174	63,58687	19,07424	1370,3	981933,10	910528	SKOGAR	MTG	G-445	2	48,65	36,52	167,19	0,00
my175	63,64303	19,04959	1271,4	981958,22	910531	SKOGAR	MTG	G-445	2	45,98	35,54	157,73	0,00
my176	63,64199	19,06803	1276,7	981946,89	910531	SKOGAR	MTG	G-445	2	46,30	29,20	148,11	0,00
my177	63,63867	19,05816	1229,6	981963,27	910531	SKOGAR	MTG	G-445	2	44,57	30,90	150,20	0,00
my178	63,63669	19,04988	1237,2	981963,14	910531	SKOGAR	MTG	G-445	2	44,81	32,03	152,55	0,00
my179	63,65765	19,08597	1324,3	981932,40	910510	SKOGAR	MTG	G-445	2	48,04	28,64	147,18	0,00
my180	63,66583	19,07960	1323,0	981937,36	910510	SKOGAR	MTG	G-445	2	47,86	32,47	151,15	0,00
my181	63,67191	19,08151	1341,0	981933,87	910510	SKOGAR	MTG	G-445	2	48,52	35,08	152,77	0,00
my182	63,67483	19,08015	1372,8	981933,01	910510	SKOGAR	MTG	G-445	2	49,45	37,50	161,52	0,30
my183	63,67447	19,10078	1357,5	981926,86	910510	SKOGAR	MTG	G-445	2	49,12	33,08	150,67	0,00
my184	63,65300	19,06766	1303,5	981940,94	910512	SKOGAR	MTG	G-445	2	47,19	29,80	149,64	0,00
my185	63,67434	19,08049	1371,9	981932,91	910512	SKOGAR	MTG	G-445	2	49,43	36,93	161,18	0,00
my186	63,65435	19,10336	1333,7	981928,35	910528	SKOGAR	MTG	G-445	2	48,42	27,85	146,27	0,00
my187	63,68965	19,08286	1316,9	981928,14	910528	SKOGAR	MTG	G-445	2	47,71	35,07	138,33	0,00
my188	63,68333	19,09916	1365,9	981920,69	910529	SKOGAR	MTG	G-445	2	49,43	33,93	146,45	0,00
my189	63,68383	19,08033	1315,0	981933,23	910529	SKOGAR	MTG	G-445	2	47,69	35,04	143,25	0,00
my190	63,70000	19,08334	1232,2	981946,27	910529	SKOGAR	MTG	G-445	2	44,83	33,33	129,57	0,00
my191	63,71033	19,08350	1192,4	981947,69	910529	SKOGAR	MTG	G-445	2	43,47	31,11	117,97	0,00
my192	63,72033	19,08500	1121,5	981958,29	910529	SKOGAR	MTG	G-445	2	41,02	29,09	105,97	0,00
my194	63,73917	19,09166	1019,9	981976,34	910529	SKOGAR	MTG	G-445	2	37,47	26,59	91,30	0,00
my196	63,76000	19,10001	926,2	981997,53	910529	SKOGAR	MTG	G-445	2	34,12	24,74	82,08	0,00
my199	63,73050	19,08832	1087,7	981963,22	910529	SKOGAR	MTG	G-445	2	39,82	28,05	99,73	0,00
my200	63,69184	19,10117	1335,0	981930,05	910529	SKOGAR	MTG	G-445	2	48,23	37,24	145,67	0,00
my201	63,77426	19,10286	846,9	982014,74	910530	SKOGAR	MTG	G-445	2	31,17	24,32	73,79	0,00
my202	63,76679	19,06690	899,1	982002,51	910530	SKOGAR	MTG	G-445	2	33,15	23,28	78,21	0,00
my203	63,76620	19,03401	891,0	982006,35	910530	SKOGAR	MTG	G-445	2	32,84	22,52	79,59	0,00
my204	63,76613	19,01929	880,9	982010,53	910530	SKOGAR	MTG	G-445	2	32,43	23,15	80,66	0,00
my205	63,76822	19,00810	871,8	982016,74	910530	SKOGAR	MTG	G-445	2	31,84	23,98	83,91	0,70
my206	63,76585	18,98757	809,1	982028,51	910530	SKOGAR	MTG	G-445	5	29,81	23,50	76,50	0,00
my207	63,76590	18,95393	795,4	982033,14	910530	SKOGAR	MTG	G-445	5	29,27	21,00	76,90	0,00
my208	63,75075	18,92198	780,5	982041,99	910530	SKOGAR	MTG	G-445	5	28,62	21,31	82,24	0,00
my209	63,75143	18,95263	863,8	982014,22	910530	SKOGAR	MTG	G-445	5	31,75	19,48	80,13	0,00
my210	63,75131	18,98614	897,2	982007,02	910530	SKOGAR	MTG	G-445	5	33,00	22,32	83,25	0,00

STATION NAME	LATITUDE °N	LONGITUDE °W	HEIGHT m a.s.l.	g_{abs} mGal	DATE Y M D	REF. BASE	SUR- VEYOR	GRAV. METER	Δh m	dg_{TU} mGal	dg_{TL} mGal	g_{FA} mGal	$T_{\text{B-C}}$ mGal
my211	63,75011	19,01871	957,6	981992,19	910530	SKOGAR	MTG	G-445	2	35,19	24,77	87,14	0,00
my212	63,75060	19,05131	982,2	981983,97	910530	SKOGAR	MTG	G-445	2	36,09	24,89	86,48	0,00
my213	63,75095	19,07689	987,6	981981,50	910530	SKOGAR	MTG	G-445	2	36,32	25,47	85,65	0,00
my214	63,75097	19,09868	978,6	981985,19	910531	SKOGAR	MTG	G-445	2	35,99	25,50	86,56	0,00
my215	63,73358	19,06907	1062,2	981966,62	910530	SKOGAR	MTG	G-445	2	38,95	27,69	95,04	0,00
my216	63,73370	19,03519	1032,5	981976,75	910530	SKOGAR	MTG	G-445	2	37,87	27,35	96,00	0,00
my217	63,73278	19,02024	1016,0	981980,07	910530	SKOGAR	MTG	G-445	2	37,27	25,36	94,29	0,00
my218	63,73292	19,00256	983,0	981988,32	910530	SKOGAR	MTG	G-445	2	36,02	23,91	92,35	0,00
my219	63,73278	18,99676	950,8	981996,69	910530	SKOGAR	MTG	G-445	2	34,88	23,33	90,79	0,00
my220	63,73325	18,96946	915,3	982003,85	910530	SKOGAR	MTG	G-445	5	33,59	20,17	86,96	0,00
my221	63,76555	18,92964	755,6	982044,37	910530	SKOGAR	MTG	G-445	5	27,52	21,12	75,87	0,00
my222	63,73439	18,93978	878,7	982017,31	910530	SKOGAR	MTG	G-445	5	32,14	20,06	89,04	0,00
my223	63,71782	18,96304	971,6	981994,42	910531	SKOGAR	MTG	G-445	5	35,45	20,89	96,02	0,00
my224	63,71981	18,99616	1004,7	981988,57	910530	SKOGAR	MTG	G-445	2	36,78	24,89	100,24	0,00
my225	63,71867	19,02129	1049,1	981978,36	910530	SKOGAR	MTG	G-445	2	38,40	27,82	103,81	0,00
my226	63,71788	19,05201	1127,7	981959,18	910530	SKOGAR	MTG	G-445	2	41,18	29,49	108,95	0,00
my227	63,70880	19,05569	1176,6	981952,34	910530	SKOGAR	MTG	G-445	2	42,90	31,75	117,85	0,00
my228	63,69990	19,07082	1236,4	981944,44	910530	SKOGAR	MTG	G-445	2	44,91	32,94	129,05	0,00
my229	63,69112	19,06087	1302,0	981927,57	910531	SKOGAR	MTG	G-445	2	47,11	32,22	133,05	0,00
my230	63,70137	18,98004	1046,8	981984,55	910531	SKOGAR	MTG	G-445	5	38,09	25,78	110,54	0,00
my231	63,69812	19,00493	1090,9	981977,32	910531	SKOGAR	MTG	G-445	2	39,68	27,93	117,15	0,00
my232	63,69862	19,03673	1135,8	981970,92	910531	SKOGAR	MTG	G-445	2	41,22	33,01	124,57	0,00
my233	63,68327	19,06500	1309,2	981929,25	910531	SKOGAR	MTG	G-445	2	47,41	31,96	137,52	0,00
my234	63,67380	19,06651	1270,5	981952,50	910531	SKOGAR	MTG	G-445	2	46,08	34,91	149,51	0,00
my235	63,68263	19,03606	1245,0	981948,82	910531	SKOGAR	MTG	G-445	2	45,07	32,81	137,33	0,00
my236	63,68520	18,97576	962,4	982016,26	910531	SKOGAR	MTG	G-445	5	34,79	28,56	117,37	0,00
my237	63,67590	18,97966	953,8	982018,90	910531	SKOGAR	MTG	G-445	2	34,50	27,17	118,03	0,00
my238	63,66717	18,98137	988,8	982011,71	910531	SKOGAR	MTG	G-445	2	35,86	26,15	122,27	0,00
my239	63,66030	18,98339	1029,2	982002,97	910531	SKOGAR	MTG	G-445	2	37,24	25,81	126,49	0,00
my240	63,66020	19,00341	1061,6	981997,58	910531	SKOGAR	MTG	G-445	2	38,46	27,47	131,11	0,00
my241	63,65998	19,03280	1174,0	981978,75	910531	SKOGAR	MTG	G-445	2	42,57	32,54	146,98	0,00
my242	63,65102	19,05037	1232,2	981968,60	910531	SKOGAR	MTG	G-445	2	44,63	33,00	155,44	0,00

Mýrdalsjökull 1998

M1	63,65964	20,10116	30,6	982226,83	980406	HELLA	MTG	G-445	2	1,05	1,04	42,21	0,00
M2	63,61562	19,99535	29,1	982220,95	980406	HELLA	MTG	G-445	2	0,53	0,51	39,06	0,00
M3	63,58162	19,91852	9,9	982221,53	980406	HELLA	MTG	G-445	2	-0,73	-0,72	36,21	0,00
M4	63,55986	19,80814	10,5	982223,98	980406	HELLA	MTG	G-445	2	-0,53	-0,53	40,41	0,00
M5	63,54231	19,69307	14,7	982227,57	980406	HELLA	MTG	G-445	2	-1,39	-1,38	46,55	0,00
M6	63,53202	19,62275	13,0	982230,40	980406	HELLA	MTG	G-445	2	-0,36	-0,37	49,60	0,02
M7	63,56403	19,61542	53,7	982223,13	980406	HELLA	MTG	G-445	10	-3,07	-3,50	52,57	0,00
M8	63,55667	19,62518	43,8	982227,81	980406	HELLA	MTG	G-445	2	-0,72	-0,84	54,70	0,00
M9	63,52317	19,55402	12,2	982227,21	980406	HELLA	MTG	G-445	2	-0,45	-0,56	46,79	0,00
M10	63,53408	19,48614	204,7	982191,12	980406	HELLA	MTG	G-445	2	6,64	5,24	69,35	0,05
M11	63,55197	19,45981	397,4	982153,65	980406	HELLA	MTG	G-445	2	13,96	13,20	90,03	0,02
M12	63,57040	19,45634	539,9	982127,05	980406	HELLA	MTG	G-445	2	19,21	19,22	106,04	0,00
M13	63,58951	19,43362	717,4	982090,60	980406	HELLA	MTG	G-445	2	25,85	25,24	122,99	0,05
M14	63,61099	19,44061	909,3	982046,38	980406	HELLA	MTG	G-445	2	32,82	31,37	136,49	0,00
M15	63,62646	19,47303	1062,3	982012,10	980406	HELLA	MTG	G-445	2	37,91	37,24	148,30	0,00
VR82	63,47734	19,28593	48,9	982211,89	980406	HELLA	MTG	G-445	2	1,32	1,36	46,11	0,00
M17	63,48580	19,18824	65,2	982210,72	980406	HELLA	MTG	G-445	2	1,52	0,58	49,40	0,05
M18	63,44905	19,20533	29,6	982214,49	980406	HELLA	MTG	G-445	2	0,77	-0,01	44,81	0,00
M19	63,45463	19,06658	22,7	982218,85	980406	HELLA	MTG	G-445	2	0,19	-1,01	46,67	0,05

EYjafjallajökull 2000

EY1	63,63170	19,71828	1123,8	981995,52	000429	HAGI	MTG	CG-3M	2	38,97	38,25	150,33	0,05
EY2	63,62978	19,72914	1041,1	982013,62	000429	HAGI	MTG	CG-3M	2	36,37	35,98	143,03	0,05
EY3	63,62939	19,74206	996,6	982023,33	000429	HAGI	MTG	CG-3M	2	34,98	34,93	139,01	0,05
EY4	63,62873	19,75863	948,9	982033,73	000429	HAGI	MTG	CG-3M	2	33,35	32,90	134,75	0,05
EY5	63,62878	19,78028	881,2	982047,05	000429	HAGI	MTG	CG-3M	2	30,95	30,45	127,17	0,10
EY6	63,61775	19,79190	743,0	982076,04	000429	HAGI	MTG	CG-3M	2	26,38	26,06	114,33	0,00
EY7	63,62613	19,80882	673,3	982089,86	000429	HAGI	MTG	CG-3M	2	23,84	23,83	106,01	0,00
EY8	63,62687	19,83880	669,3	982089,26	000429	HAGI	MTG	CG-3M	2	23,87	23,80	104,12	0,00

STATION NAME	LATITUDE °N	LONGITUDE °W	HEIGHT m a.s.l.	g_{abs} mGal	DATE Y M D	REF. BASE	SUR- VEYOR	GRAV. METER	Δh m	dg_{TU} mGal	dg_{TL} mGal	g_{FA} mGal	$T_{\text{B-C}}$ mGal
EY9	63,62561	19,86755	572,2	982109,71	000429	HAGI	MTG	CG-3M	2	20,34	20,19	94,73	0,05
EY10	63,61949	19,89498	430,3	982139,53	000429	HAGI	MTG	CG-3M	2	15,29	15,05	81,20	0,00
EY11	63,61964	19,91886	417,9	982140,33	000429	HAGI	MTG	CG-3M	2	14,81	14,77	78,17	0,00
EY12	63,61791	19,94310	323,2	982159,85	000429	HAGI	MTG	CG-3M	2	11,20	11,18	68,58	0,05
EY13	63,61500	19,96854	197,8	982184,91	000429	HAGI	MTG	CG-3M	2	6,60	6,40	55,14	0,10
EY14	63,66965	20,11158	36,1	982227,79	000525	HAGI	PH	CG-3M	2	1,27	1,26	44,18	0,00
EY15	63,66638	20,06948	37,4	982224,66	000525	HAGI	PH	CG-3M	2	1,28	1,27	41,70	0,00
EY16	63,66333	20,03044	40,7	982223,49	000525	HAGI	PH	CG-3M	2	1,35	1,34	41,73	0,00
EY17	63,64928	20,04343	36,6	982223,35	000525	HAGI	PH	CG-3M	2	1,21	1,20	41,33	0,00
EY18	63,62808	20,03551	33,0	982222,11	000525	HAGI	PH	CG-3M	2	1,04	1,02	40,54	0,00
EY19	63,62831	19,98080	39,6	982221,34	000525	HAGI	PH	CG-3M	2	0,85	0,82	41,81	0,00
EY20	63,63945	19,96111	46,1	982218,83	000525	HAGI	PH	CG-3M	2	1,10	1,10	40,49	0,05
EY21	63,65443	19,94391	53,1	982219,73	000525	HAGI	PH	CG-3M	2	1,47	1,44	42,43	0,00
EY22	63,66544	19,92763	59,9	982218,46	000525	HAGI	PH	CG-3M	2	1,77	1,77	42,51	0,00
EY23	63,67177	19,89320	71,9	982215,36	000525	HAGI	PH	CG-3M	2	2,05	1,86	42,61	0,00
EY24	63,67305	19,86243	78,8	982211,26	000525	HAGI	PH	CG-3M	2	1,92	1,91	40,58	0,00
EY25	63,67445	19,82762	95,0	982206,38	000525	HAGI	PH	CG-3M	2	1,61	1,48	40,57	0,10
EY26	63,67827	19,79799	105,2	982204,76	000525	HAGI	PH	CG-3M	2	2,55	2,52	41,85	0,00
EY27	63,68060	19,76739	118,1	982201,91	000525	HAGI	PH	CG-3M	2	2,92	2,87	42,80	0,00
EY28	63,68086	19,73496	119,5	982199,90	000525	HAGI	PH	CG-3M	2	2,47	2,40	41,22	0,00
EY29	63,68614	19,70607	131,0	982198,67	000525	HAGI	PH	CG-3M	2	3,37	3,42	43,16	0,00
EY30	63,68512	19,67601	142,9	982196,88	000525	HAGI	PH	CG-3M	2	3,67	3,71	45,11	0,00
EY31	63,68482	19,64742	157,1	982194,79	000525	HAGI	PH	CG-3M	2	4,21	4,29	47,40	0,00
EY32	63,68184	19,63215	174,9	982191,64	000525	HAGI	PH	CG-3M	2	4,71	4,76	49,99	0,00
EY33	63,68381	19,60986	172,0	982192,91	000525	HAGI	PH	CG-3M	2	4,80	4,84	50,18	0,00
EY34	63,67836	19,58538	181,0	982188,09	000525	HAGI	PH	CG-3M	2	4,43	4,39	48,57	0,10
EY35	63,67540	19,55779	198,8	982185,37	000525	HAGI	PH	CG-3M	2	5,03	4,78	51,53	0,00
EY36	63,67892	19,52628	215,5	982180,75	000525	HAGI	PH	CG-3M	2	6,12	6,18	51,82	0,00
EY37	63,67940	19,49480	229,0	982174,26	000525	HAGI	PH	CG-3M	10	6,43	6,18	49,50	0,05
EY38	63,67881	19,46874	245,5	982169,20	000525	HAGI	PH	CG-3M	2	7,25	7,28	49,53	0,00
EY39	63,68788	19,63333	158,2	982196,39	000525	HAGI	PH	CG-3M	2	4,47	4,45	49,15	0,00
EY40	63,65541	19,90635	91,8	982209,36	000525	HAGI	PH	CG-3M	2	2,58	2,58	43,94	0,00
EY41	63,60944	19,99597	27,9	982221,29	000525	HAGI	PH	CG-3M	2	0,56	0,36	39,46	0,05
EY42	63,59720	19,97580	19,1	982220,32	000525	HAGI	PH	CG-3M	2	0,02	-0,01	36,65	0,00
EY43	63,58923	19,95059	14,7	982221,06	000525	HAGI	PH	CG-3M	2	-0,36	-0,35	36,66	0,00
EY44	63,57306	19,87966	5,8	982222,58	000525	HAGI	PH	CG-3M	2	-0,91	-1,04	36,55	0,00
EY45	63,56530	19,84718	4,6	982223,34	000525	HAGI	PH	CG-3M	2	-0,67	-0,67	37,51	0,00
EY46	63,55363	19,78620	11,7	982224,23	000525	HAGI	PH	CG-3M	2	-0,83	-0,82	41,46	0,00
EY47	63,54917	19,75779	4,8	982225,94	000525	HAGI	PH	CG-3M	2	-2,13	-2,29	41,36	0,10
EY48	63,54303	19,66793	21,8	982227,88	000525	HAGI	PH	CG-3M	2	-0,78	-0,78	48,98	0,00
EY49	63,51220	19,62550	6,7	982228,30	000525	HAGI	PH	CG-3M	2	-0,25	-0,22	46,99	0,00
EY50	63,52544	19,59292	19,5	982228,22	000525	HAGI	PH	CG-3M	2	0,01	0,01	49,92	0,00
EY51	63,53900	19,59792	24,4	982229,18	000525	HAGI	PH	CG-3M	2	-0,39	-0,47	51,39	0,00
EY52	63,54328	19,63203	26,0	982230,48	000525	HAGI	PH	CG-3M	2	-0,29	-0,30	52,88	0,00
EY53	63,57444	19,79958	26,8	982220,13	000526	HAGI	PH	CG-3M	2	-1,10	-1,26	40,52	0,00
EY54	63,62806	19,48699	1153,7	981988,18	000526	SKÓGAR	PH	CG-3M	2	40,61	38,70	152,64	0,00
EY55	63,62895	19,50687	1215,9	981973,41	000526	SKÓGAR	PH	CG-3M	2	42,73	39,80	157,00	0,00
EY56	63,62777	19,52567	1251,5	981968,48	000526	SKÓGAR	PH	CG-3M	2	43,71	40,55	163,13	0,00
EY57	63,62757	19,54311	1292,0	981961,66	000526	SKÓGAR	PH	CG-3M	2	44,92	41,67	168,81	0,00
EY58	63,62404	19,56203	1376,5	981944,33	000526	SKÓGAR	PH	CG-3M	2	47,10	43,22	177,79	0,00
EY59	63,62631	19,57664	1417,4	981933,67	000526	SKÓGAR	PH	CG-3M	2	48,35	45,45	179,63	0,00
EY60	63,62531	19,59694	1576,1	981895,92	000526	SKÓGAR	PH	CG-3M	2	52,25	48,16	190,92	0,00
EY61	63,62577	19,60632	1524,0	981905,25	000526	SKÓGAR	PH	CG-3M	2	51,42	45,72	184,11	0,00
EY62	63,62630	19,61449	1525,4	981901,03	000526	SKÓGAR	PH	CG-3M	2	51,44	44,51	180,32	0,00
EY63	63,62720	19,62464	1538,9	981896,49	000526	SKÓGAR	PH	CG-3M	2	51,70	44,73	179,88	0,00
EY64	63,62740	19,63255	1554,7	981893,95	000526	SKÓGAR	PH	CG-3M	2	51,91	44,90	182,22	0,05
EY65	63,63293	19,63616	1440,8	981922,57	000526	SKÓGAR	PH	CG-3M	2	48,77	44,58	175,26	0,00
EY66	63,63856	19,63965	1455,2	981920,89	000526	SKÓGAR	PH	CG-3M	2	48,18	46,35	177,65	0,00
EY67	63,63760	19,65933	1444,6	981921,55	000526	SKÓGAR	PH	CG-3M	2	48,00	45,96	175,09	0,00
EY68	63,62831	19,66762	1422,4	981926,86	000526	SKÓGAR	PH	CG-3M	2	47,41	45,39	174,24	0,00
EY69	63,62881	19,68610	1283,7	981958,33	000526	SKÓGAR	PH	CG-3M	2	43,97	40,74	162,85	0,00
EY70	63,62898	19,70200	1182,5	981981,94	000526	SKÓGAR	PH	CG-3M	2	40,88	38,66	155,23	0,00
EY71	63,63152	19,71829	1123,4	981995,76	000526	SKÓGAR	PH	CG-3M	2	38,95	38,23	150,62	0,00

STATION NAME	LATITUDE °N	LONGITUDE °W	HEIGHT m a.s.l.	g_{abs} mGal	DATE Y M D	REF. BASE	SUR- VEYOR	GRAV. METER	Δh m	dg_{TU} mGal	dg_{TL} mGal	g_{FA} mGal	$T_{\text{B-C}}$ mGal
EY72	63,62514	19,64109	1573,4	981889,98	000526	SKÓGAR	PH	CG-3M	2	52,15	45,88	184,15	0,00
EY73	63,73895	20,16784	38,0	982231,48	000603	HAGI	MTG	CG-3M	2	1,26	1,26	43,45	0,00
EY74	63,73403	20,10538	51,0	982225,36	000603	HAGI	MTG	CG-3M	2	1,73	1,73	41,66	0,00
EY75	63,73172	20,05105	46,3	982225,00	000603	HAGI	MTG	CG-3M	2	1,48	1,32	40,04	0,00
EY76	63,72782	19,99289	68,3	982217,78	000603	HAGI	MTG	CG-3M	2	2,16	1,90	39,92	0,00
EY77	63,72154	19,93443	62,1	982219,30	000603	HAGI	MTG	CG-3M	2	1,55	1,22	39,97	0,00
EY78	63,71633	19,89077	75,6	982215,40	000603	HAGI	MTG	CG-3M	2	2,05	2,04	40,61	0,00
EY79	63,71309	19,84575	87,1	982210,09	000603	HAGI	MTG	CG-3M	2	2,40	2,37	39,10	0,00
EY80	63,71402	19,80562	97,4	982209,75	000603	HAGI	MTG	CG-3M	2	2,49	2,36	41,87	0,00
EY81	63,71324	19,75912	108,6	982205,60	000603	HAGI	MTG	CG-3M	2	2,85	2,80	41,17	0,00
EY82	63,70849	19,72260	122,1	982201,92	000603	HAGI	MTG	CG-3M	2	3,46	3,45	42,04	0,00
EY83	63,70228	19,68027	138,2	982197,45	000603	HAGI	MTG	CG-3M	2	3,78	3,65	42,97	0,00
EY84	63,70387	19,63892	154,5	982194,47	000603	HAGI	MTG	CG-3M	2	4,42	4,34	44,90	0,00
EY85	63,70233	19,60531	169,6	982190,92	000603	HAGI	MTG	CG-3M	2	5,22	5,25	46,14	0,00
EY86	63,69856	19,56584	187,7	982185,22	000603	HAGI	MTG	CG-3M	2	5,86	5,75	46,27	0,05
EY87	63,70565	19,53181	224,2	982175,28	000603	HAGI	MTG	CG-3M	2	7,44	7,44	47,09	0,05
EY88	63,72141	19,49849	257,1	982166,29	000603	HAGI	MTG	CG-3M	2	8,69	8,66	47,13	0,00
EY89	63,73122	19,46612	298,5	982157,29	000603	HAGI	MTG	CG-3M	2	10,21	10,22	50,22	0,00
EY90	63,70013	19,91062	72,0	982217,94	000603	HAGI	MTG	CG-3M	2	2,31	2,28	43,22	0,00
EY91	63,68320	19,93099	64,4	982218,40	000603	HAGI	MTG	CG-3M	2	2,06	2,06	42,52	0,00
EY92	63,67308	19,96619	55,3	982222,40	000603	HAGI	MTG	CG-3M	2	1,79	1,79	44,46	0,00
EY93	63,57367	19,98942	11,1	982220,17	000603	HAGI	MTG	CG-3M	2	0,17	0,18	35,78	0,00
EY94	63,56190	19,95677	6,1	982221,12	000603	HAGI	MTG	CG-3M	2	-0,05	-0,04	36,00	0,00
EY95	63,55196	19,90844	4,9	982222,27	000603	HAGI	MTG	CG-3M	2	-0,15	-0,14	37,53	0,00
EY96	63,55296	19,82566	5,1	982223,98	000603	HAGI	MTG	CG-3M	2	-0,45	-0,46	39,24	0,00
EY97	63,53134	19,69489	7,7	982229,31	000603	HAGI	MTG	CG-3M	2	-0,53	-0,51	46,93	0,00
EY98	63,51862	19,66681	5,2	982229,58	000603	HAGI	MTG	CG-3M	2	-0,34	-0,34	47,31	0,00
EY99	63,55909	19,62192	51,4	982226,32	000603	HAGI	MTG	CG-3M	2	-0,82	-0,80	55,43	0,00
EY100	63,56058	19,62920	139,7	982208,94	000603	HAGI	MTG	CG-3M	2	2,83	2,45	65,18	0,30
EY101	63,56269	19,62964	223,1	982192,60	000603	HAGI	MTG	CG-3M	2	5,91	5,69	74,39	0,10
EY102	63,56868	19,62997	330,0	982173,89	000603	HAGI	MTG	CG-3M	2	10,09	9,95	88,23	0,10
EY103	63,57430	19,62907	487,1	982140,80	000603	HAGI	MTG	CG-3M	2	15,58	15,07	103,24	0,20
EY104	63,58097	19,63145	629,2	982114,21	000603	HAGI	MTG	CG-3M	2	21,18	21,15	120,00	0,10