

Absolute gravity measurements in Denmark and Greenland

J. Emil Nielsen, Gabriel Strykowski, Rene Forsberg
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National Space Institute

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Technical report by DTU Space - National Space Institute, Technical University of Denmark.

Absolute gravity measurements conducted in Denmark and Greenland, covering the period from 2003 up to 2017.

<http://www.space.dtu.dk>

Version history

Version 1.0 - 2016/January

First version of the document.

Version 1.1 - 2016/October

Added new measurements at ILUL, KAGA and GODH in Greenland and FYNH, HJKR and ESG in Denmark. A point description for the new GODH site is also included.

Version 1.2 - 2017/November

The laser frequencies and the rubidium clock were calibrated at BKG in Frankfurt. This was done in May 18-19th. These new calibration values can be found in Table A. A measurement at Bad Homburg showed that it was, after the calibration, at the expected value within the uncertainties. The new frequencies have been used to correct all measurements up to this date.

In Denmark the A10 has this year measured at Helsingør (HELS), Gedser (GEDS), Vestvolden (VVOL) and Havnebyen (HVBY). A new point has been established on Anholt (ANHT).

Swedish measurement at DTU Space (DTUS) and Tejn (TEJN) with their upgraded FG5X-233 from Lantmäteriet.

In Greenland the A10 has been on the East coast, where the gravity network has been expanded with new points. One existing point has also been remeasured, Daneborg (DANE). The new points are: Constable Pynt (CNPT), Vestfjord glacier - GNET (VFDG), Daugaard Jensen glacier - GNET (DGJG), Mestersvig - GNET (MSVG), Mestersvig (MSVT), Hamberg glacier - GNET (HMBG), Daneborg (DNBG) and Scorsbysund (SCBY). The fieldwork were done along with maintenance of the GNET GNSS stations.

Introduction

This report gives an overview of all absolute gravity measurements made in Denmark and Greenland in the period from 2003-2017. This period covers the measurements done with different FG5s and A10s.

The first absolute measurements in Denmark were done with the Italian IMGC rise-fall instrument in 1978. In 1986 to 1988 the German JILAg-3 instrument occupied sites in Denmark and Greenland. These measurements are not included in this report, see Andersen and Forsberg (1996). The sites at Kellyville (KELY) and Kulusuk (KULU) in Greenland have also been measured by NOAA/NGS in 1995 and 1996.

Later, with the first measurement in 2003, different FG5s have occupied different sites in Denmark and Greenland, see Strykowski et al. (2006) and Timmen et al. (2008).

In Greenland have some absolute measurements been made by Olivier Francis from the University of Luxembourg, see Francis (2006), Francis (2015b) and Francis (2015a). A few scientific publications have been made on absolute gravity data in Greenland, see van Dam et al. (2000) and Nielsen et al. (2013).



Figure 1: The A10-019 at the Thule GNET GNSS antenna (THU3) in 2009.

The department of Geodynamics at DTU Space acquired in 2008 an absolute gravimeter, model A10 serial number 019, from Micro-g LaCoste. This instrument was acquired with the purpose of expanding and maintaining the gravity networks in Denmark and Greenland, and to establish time series at selected sites for geodynamic studies. The times series are established through repeated measurements at different time intervals. In Denmark this is done on regular intervals whereas in Greenland it is done in an ad hoc manner e.g. by using flight opportunities of other campaigns.

With the A10-019 the number of absolute gravity sites have steadily increased in Denmark and Greenland. Therefore, is it time for a report where interested can find the information on these sites.

The A10 absolute gravimeter determines the gravity by the principle of free fall using a laser and an atomic clock for positioning the falling object. By design the laser wavelength and the atomic clock frequency can drift and needs to be calibrated at regular intervals. The results of the instrument calibrations over time can be found in Appendix A.

The measured gravity, in between calibrations, can be corrected for the instrument drift by assuming a linear change over time. The values in this report have been corrected for these drifts and the estimated drifts are presented in Table 1.

Date (from/to)	Drift [$\mu\text{Gal}/\text{day}$]
2008 JUL 11 - 2009 MAY 04	-0.0280 ^a
2009 MAY 04 - 2010 MAR 12	-0.0393
2010 MAR 12 - 2010 AUG 31	-0.0215
2010 AUG 31 - 2011 SEP 19	-0.0215 ^b
2011 SEP 19 - 2012 JUL 24	-0.0109
2012 JUL 24 - 2013 MAR 23	-0.0229
2013 MAR 23 - 2017 MAY 19	-0.0051
2017 MAY 19 -	-0.0051 ^c

Table 1: The laser drift in the period from June 2008 to May 2017.

^a This value is estimated from the AG measurements at the site in the Rockefeller building, Copenhagen.

^b This value is a continuation of the drift in the period from March 12, 2010 to September 19, 2011.

^c This value is used until next calibration has taken place.



Figure 2: The A10-019 at the permanent GNSS site at Ferring (FERG).

The appendixes in this report contains the following:

- A: A10-019 Calibrations, pp. 4.
- B: Danish sites - map, pp. 5.
- C: Danish point descriptions, pp. 6.
- D: Danish measurements 2003-2017, pp. ??.
- E: Greenlandic sites - map, pp. 93.
- F: Greenlandic point descriptions, pp. 94.
- G: Greenlandic measurements 2005-2017, pp. ??.

References

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- Francis, O. (2006). Absolute and relative gravity measurements in nuuk (greenland) in july 2005. Technical report, University of Luxembourg and ECGS.
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A A10-019 Calibrations

Date	Mode	Frequency [MHz]	Wavelength [nm]	Rubidium clock frequency [Hz]	Instrument height [m]	Comment
2008 JUL 11	Red	473 611 824.919	632.9919192	± 0.0	0.700	
	Blue	473 612 579.544	632.9909106	$\pm 2.0e^{-7}$		
	Center	473 612 202.232				
2009 MAY 04	Red	473 611 843.738	632.9918940	$\pm 2.0e^{-7}$	0.718	New laser tube
	Blue	473 612 575.095	632.9909166	$\pm 1.0e^{-7}$		
	Center	473 612 209.417				
2010 MAR 12	Red	473 611 845.967	632.9918910	$\pm 2.0e^{-7}$	0.718	New laser tube
	Blue	473 612 561.181	632.9909351	$\pm 5.0e^{-7}$		
	Center	473 612 203.574				
2010 AUG 31	Red	473 611 843.232	632.9918947		0.718	Calibration at BKG
	Blue	473 612 560.394	632.9909362			
	Center	473 612 201.813				
2011 SEP 19	Red	473 611 836.052	632.9919043	$\pm 2.0e^{-7}$	0.718	New laser tube
	Blue	473 612 573.495	632.9909187	$\pm 2.0e^{-7}$		
	Center	473 612 204.774				
2012 JUL 24	Red	473 611 879.609	632.9918461	$\pm 2.0e^{-7}$	0.718	
	Blue	473 612 526.724	632.9909812	$\pm 1.0e^{-7}$		
	Center	473 612 203.167				
2013 MAR 14	Red	473 611 848.238	632.9918880	$\pm 7.0e^{-7}$	0.718	
	Blue	473 612 565.109	632.9909299	$\pm 5.3e^{-7}$		
	Center	473 612 206.674				
2017 MAY 19	Red	473 611 872.413	632.9918557	$\pm 4.0e^{-7}$	0.718	Calibration at BKG
	Blue	473 612 533.533	632.9909721	$\pm 3.0e^{-7}$		
	Center	473 612 202.973				

Table 2: The A10-019 calibrations in the period from 2008 to 2017.

B Danish sites - map

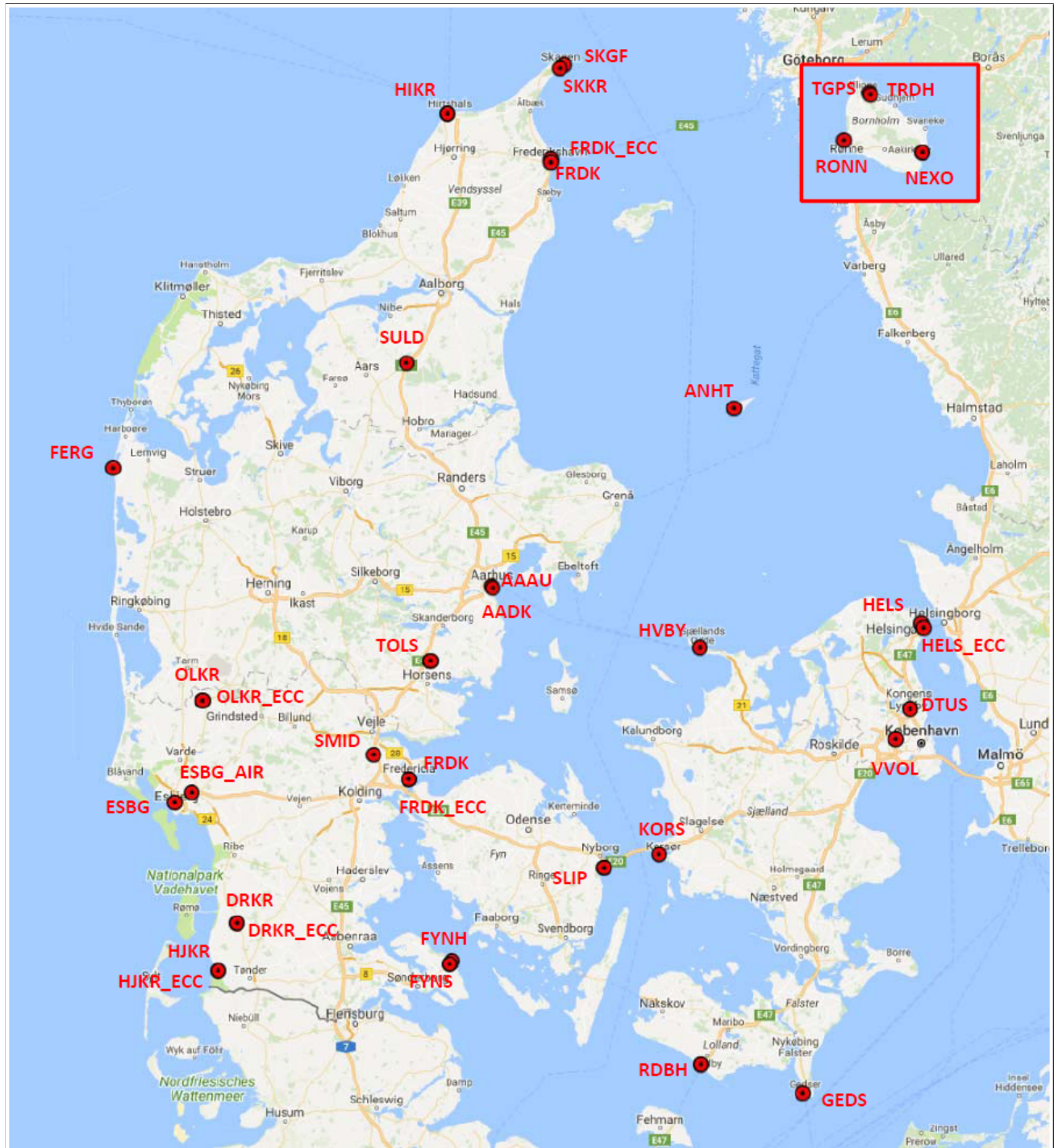


Figure 3: Location of absolute gravity sites in Denmark.

C Danish point descriptions

On the following pages are the point descriptions of the absolute points in Denmark. They are arranged as presented in the table below.

Location	Code	Lat. [°]	Long. [°]	Elev. [m]	dg/dz [$\mu\text{Gal}/\text{m}$]
Anholt	ANHT	56.70349	11.54428	10.00	-301.0
DTU Space	DTUS	55.78323	12.51599	61.41	-286.1
Døstrup	DRKR	55.11492	8.799250	3.00	-288.9
Døstrup	DRKR_ECC	55.11492	8.799250	3.00	-302.1
Esbjerg (GNSS)	ESBG	55.49355	8.456750	14.89	-310.0
Esbjerg Airport	ESBG_AIR	55.52216	8.547880	69.44	-305.9
Ferring (GNSS)	FERG	56.52302	8.118230	23.07	-322.0
Fredericia	FRDK	55.56454	9.752920	11.00	-307.5
Fredericia	FRDK_ECC	55.56488	9.753520	11.00	-293.0
Frederikshavn	FRHV	57.44077	10.53810	22.00	-224.2
Frederikshavn	FRHV_ECC	57.45047	10.53459	11.00	-293.6
Fynshav	FYNS	54.98566	9.977020	11.00	-295.4
Fynshav	FYNH_ECC	54.98601	9.976920	11.00	-319.5
Fynshav (GNSS)	FYNH	54.99365	9.986240	2.17	-316.3
Gedser (GNSS)	GEDS	54.57443	11.92289	2.20	-310.7
Havneby (GNSS)	HVBY	55.97188	11.35535	21.35	-300.1
Helsingør	HELS	56.04528	12.57972	31.97	-265.0
Helsingør	HELS_ECC	56.03323	12.58963	30.26	-304.5
Hirtshals	HIKR	57.58730	9.962990	20.00	-223.4
Hirtshals	HIKR_ECC	57.58730	9.962990	20.00	-323.7
Højer	HJKR	54.96460	8.699020	2.00	-293.9
Højer	HJKR_ECC	54.96460	8.699020	2.00	-306.3
Korsør	KORS	55.33019	11.13629	0.00	-304.3
Nexø	NEXO	55.06081	15.13239	2.75	-304.5
Nexø	NEXO_ECC	55.06061	15.13217	0.00	-289.8
Rødbyhavn	RDBH	54.66547	11.35975	0.00	-234.7
Rødbyhavn	RDBH_ECC	54.66667	11.36175	0.00	-308.2
Rønne	RONN	55.09910	14.69772	12.00	-302.1
Skagen	SKKR	57.72140	10.58505	27.00	-304.3
Skagen	SKGF	57.72912	10.60663	1.00	-317.1
Slipshavn	SLIP	55.28742	10.82622	0.00	-312.4
Slipshavn	SLIP_ECC	55.28799	10.82637	0.00	-309.0
Smidstrup (GNSS)	SMID	55.64078	9.559270	79.11	-322.0
Suldrup (GNSS)	SULD	56.84166	9.742140	76.82	-319.4
Tejn (GNSS)	TGPS	55.24843	14.83934	3.32	-283.6
Tejn	TRDH	55.24380	14.84730	15.00	-266.0
Tolstrup	TOLS	55.92993	9.868920	41.71	-305.2
Tolstrup	TOLS_ECC	55.92993	9.868920	41.71	-305.2
Vestvolden	VVOL	55.68766	12.43530	24.00	-283.0
Ølgod	OLKR	55.80915	8.608830	43.08	-296.4
Ølgod	OLKR_ECC	55.80915	8.608830	43.08	-310.8
Aarhus Cathedral	AADK	56.15679	10.21138	5.60	-284.7
Aarhus University	AAUN	56.16336	10.20934	15.00	-277.0

Absolute gravity point description.

Location/Code:	Anholt kirke / ANHT				
Lat:	56.70349	Long:	11.54428	Height [m] (orto):	10.0

g [μ Gal] @ 0m:	981 660 968 +/- 12	dg/dh [μ Gal/m]:	-301.0
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Description:

Point at the entrance to Anholt church. Point established in November 2017.

Point is unmarked.





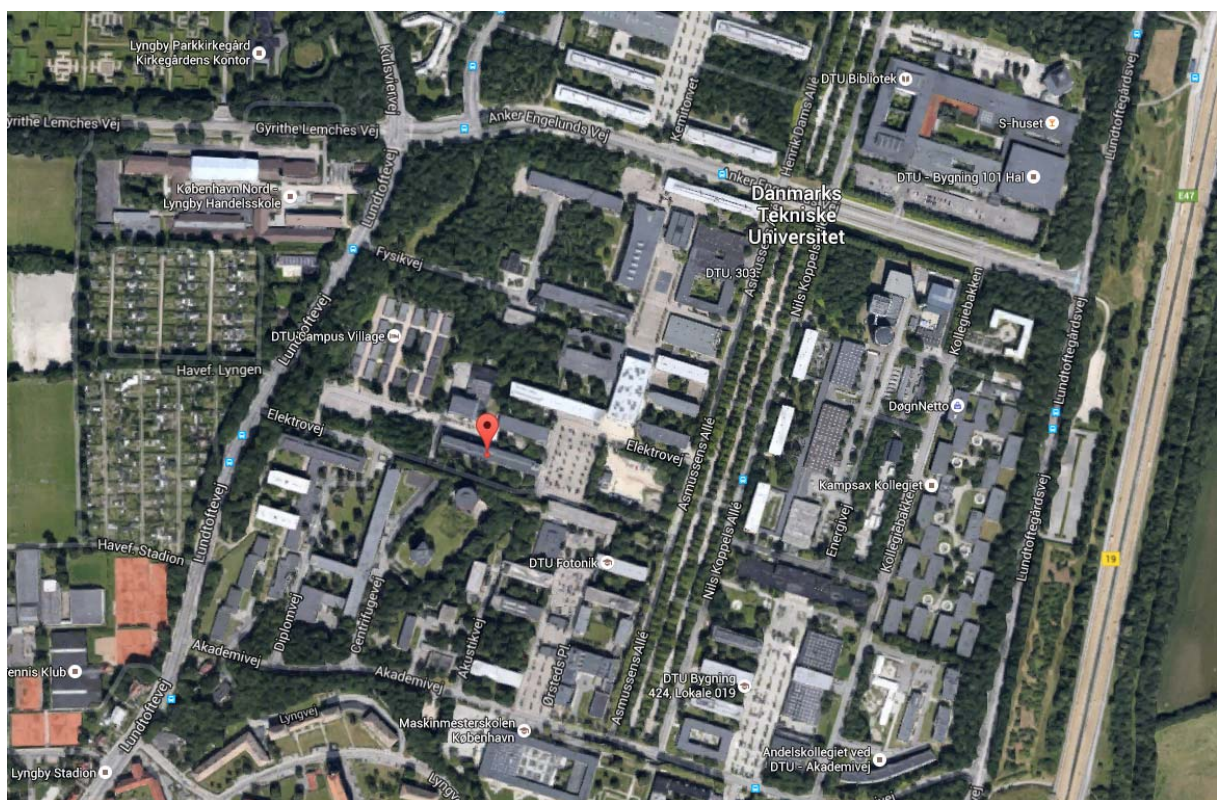
Absolute gravity point description.

Location/Code:	DTU Space – Kgs. Lyngby / DTUS				
Lat:	55.783235	Long:	12.515995	Height [m] (orto):	61.41

g [μGal] @ 0m:	981 545 977 +/- 11	dg/dh [μGal/m]:	-286.1
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Description:
Point in the basement of DTU Space building 328 at DTU Campus in Kgs. Lyngby.
Point is marked with a bolt.





Absolute gravity point description.

Location/Code:	Døstrup Church / DRKR				
Lat:	55.11492	Long:	8.79925	Height [m] (orto):	3.00

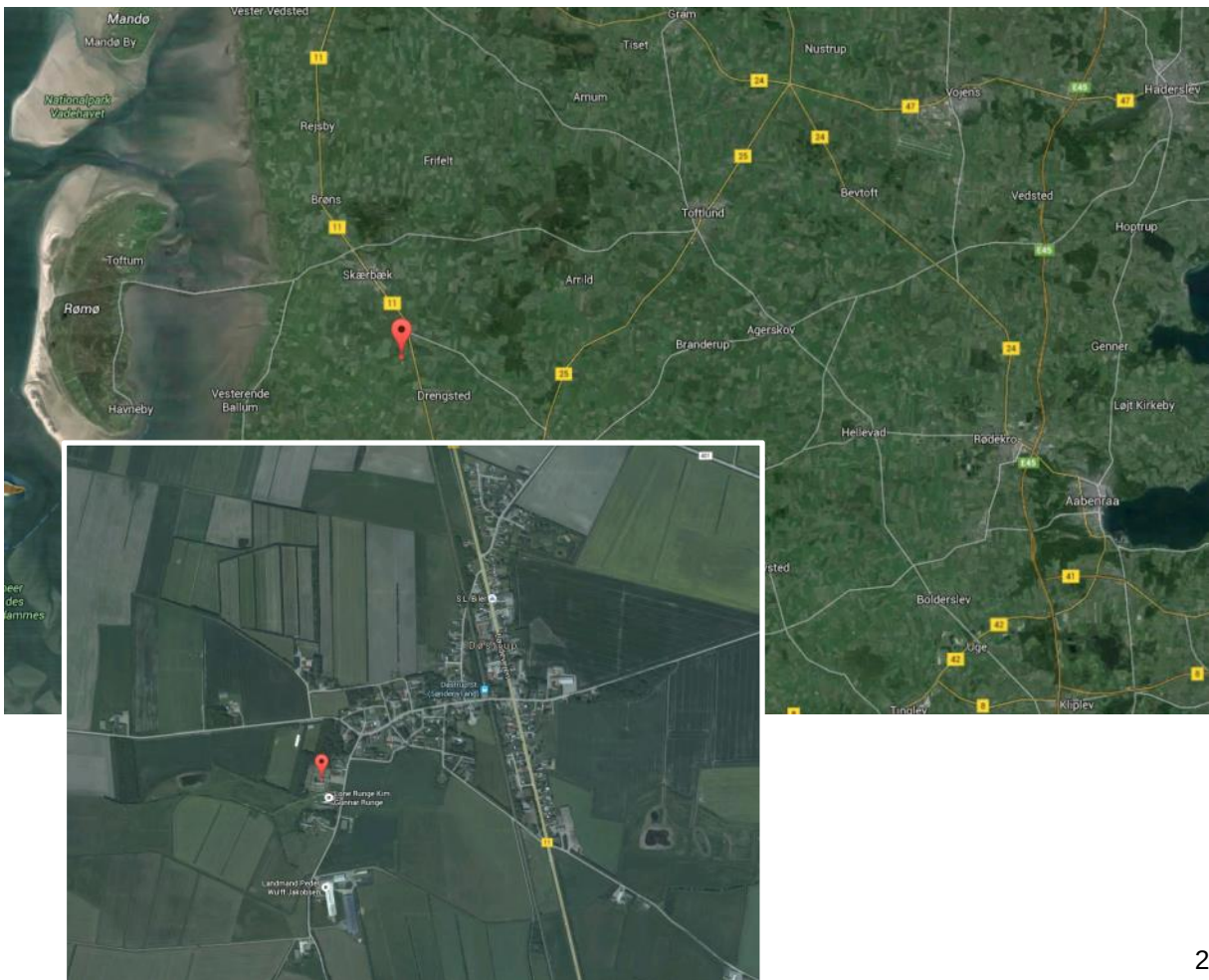
g [μ Gal] @ 0m:	981 532 997 +/- 11	dg/dh [μ Gal/m]:	-288.9
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Description:

Point in Døstrup Church. First measured in October 2010.

Point is unmarked in the entry doorway to the church.





Absolute gravity point description.

Location/Code:	Døstrup Church / DRKR_Ecc				
Lat:	55.11492	Long:	8.79925	Height [m] (orto):	3.00

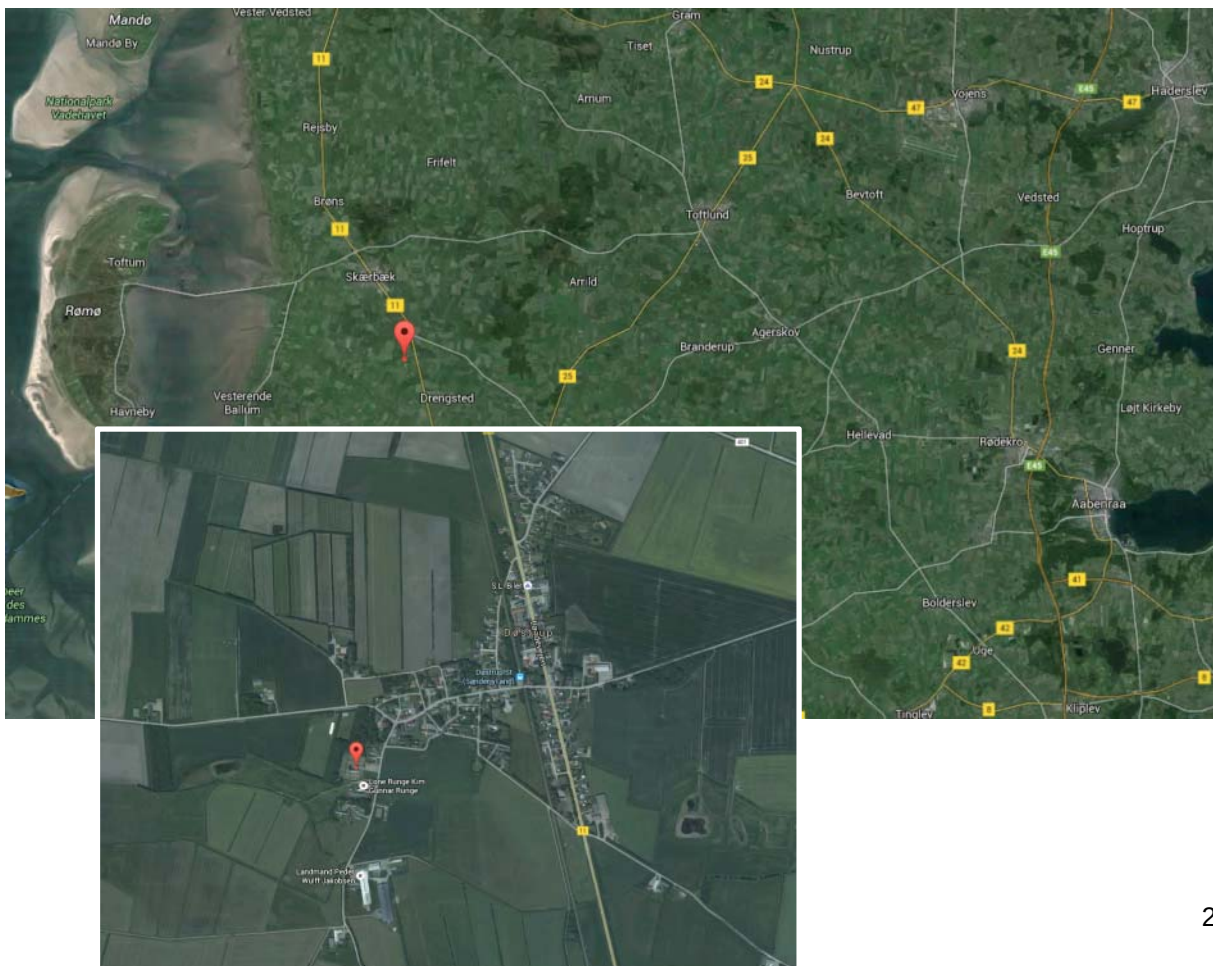
g [μ Gal] @ 0m:	981 533 000 +/- 11	dg/dh [μ Gal/m]:	-302.1
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Description:

Eccenter point at Døstrup Church. Established in October 2010 in the door entry the the tower.

Point is unmarked.





Absolute gravity point description.

Location/Code:	Esbjerg GNSS / ESBG / 135-08-09881				
Lat:	55.49355	Long:	8.45675	Height [m] (orto):	14.89

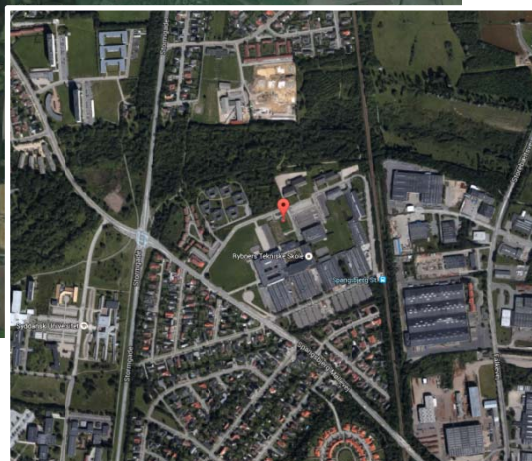
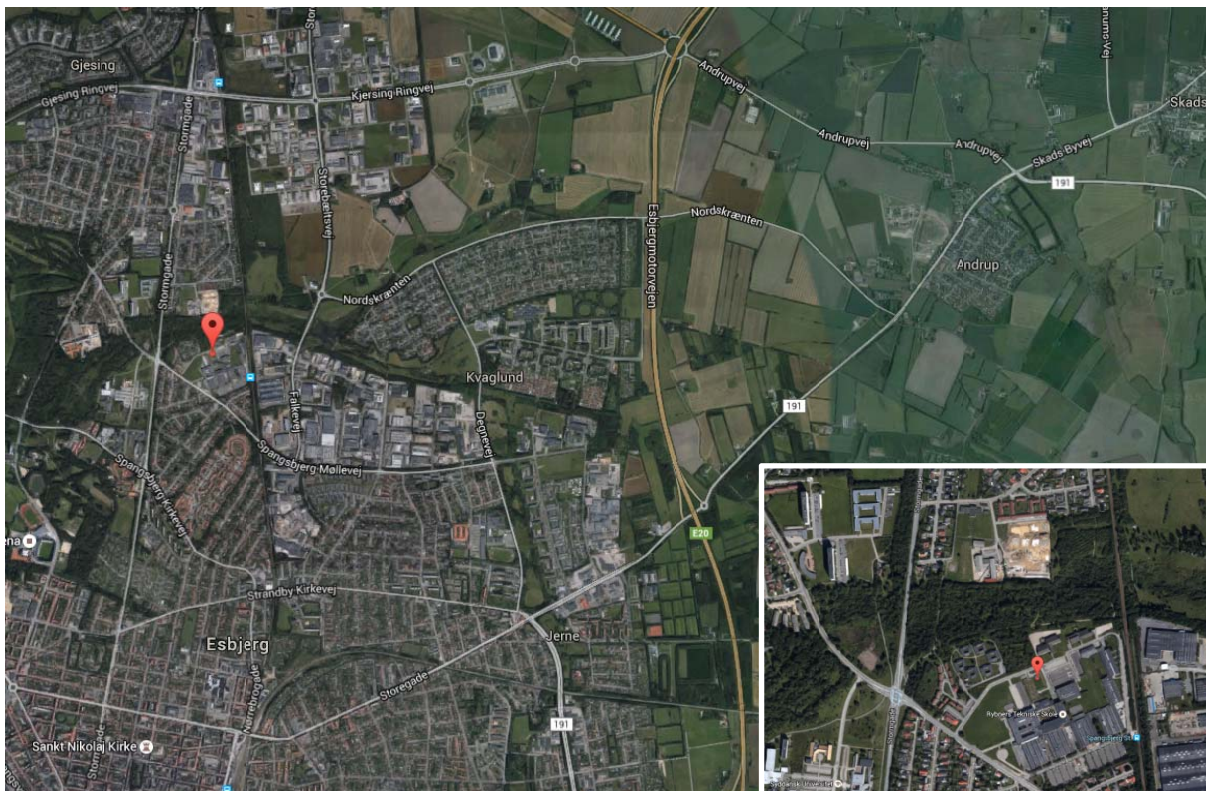
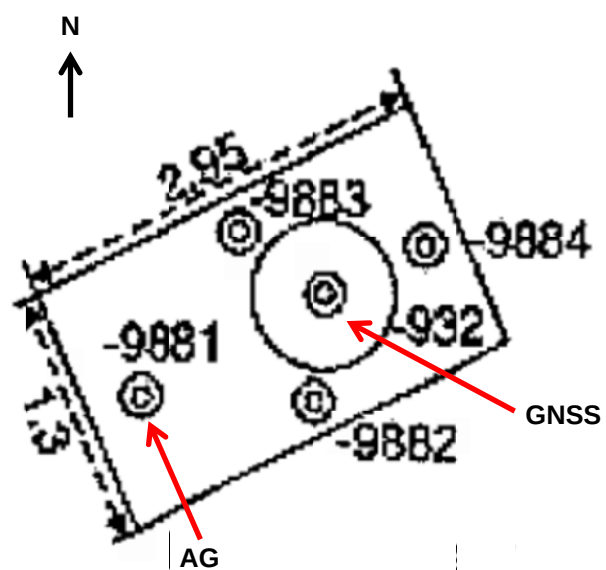
g [μ Gal] @ 0m:	981 556 004 +/- 11	dg/dh [μ Gal/m]:	-310.0
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Description:

Point at the permanent GNSS antenna in Esbjerg near the education center, Rybners Tekniske Skole. First time measured with the A10-019 in November 2011.

Point is marked with a bolt.





Absolute gravity point description.

Location/Code:	Esbjerg Airport / ESGB_AIR				
Lat:	55.52216	Long:	8.54788	Height [m] (orto):	69.44

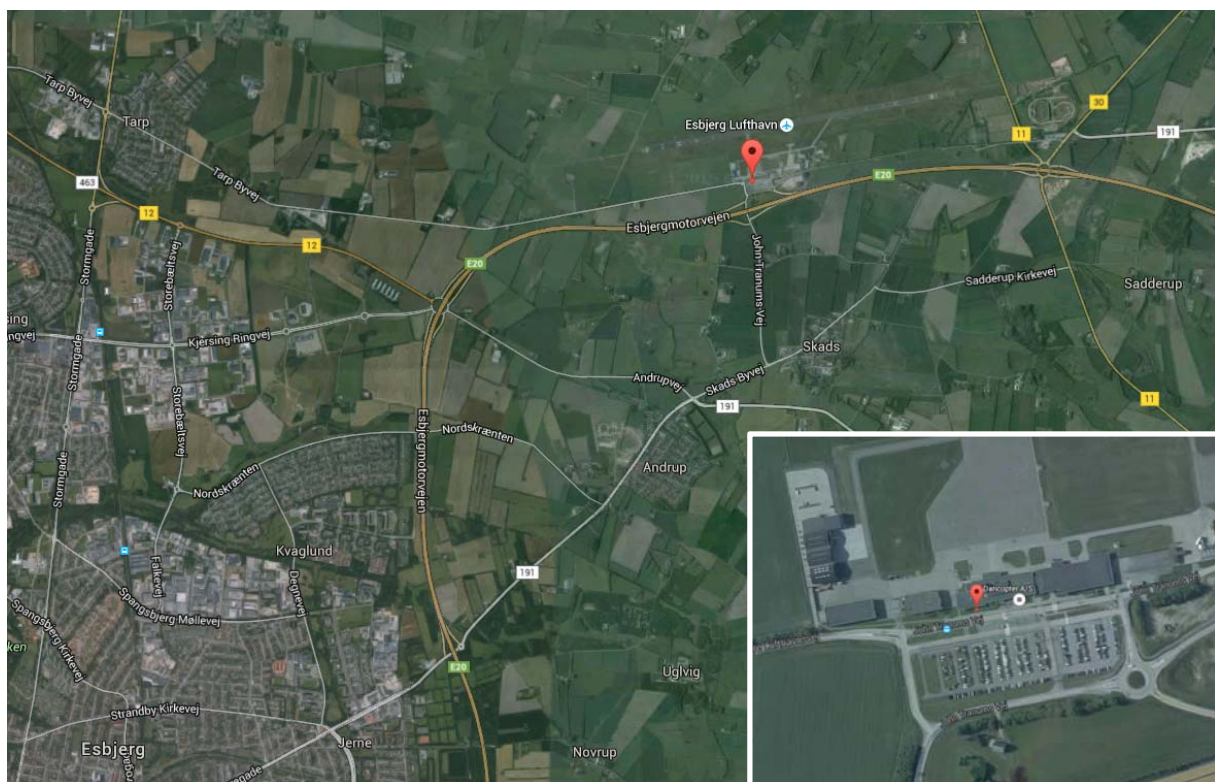
g [μ Gal] @ 0m:	981 555 482 +/- 15	dg/dh [μ Gal/m]:	-305.9
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Description:

Point outside the office building at Esbjerg Airport. It is placed on a large concrete plate, close to the building next to the road. First time measured with the A10-019 in November 2009.

Point is marked with a bolt.





Absolute gravity point description.

Location/Code:	Ferring GNSS / FERG / 125-03-09030				
Lat:	56.52302	Long:	8.11823	Height [m] (orto):	23.07

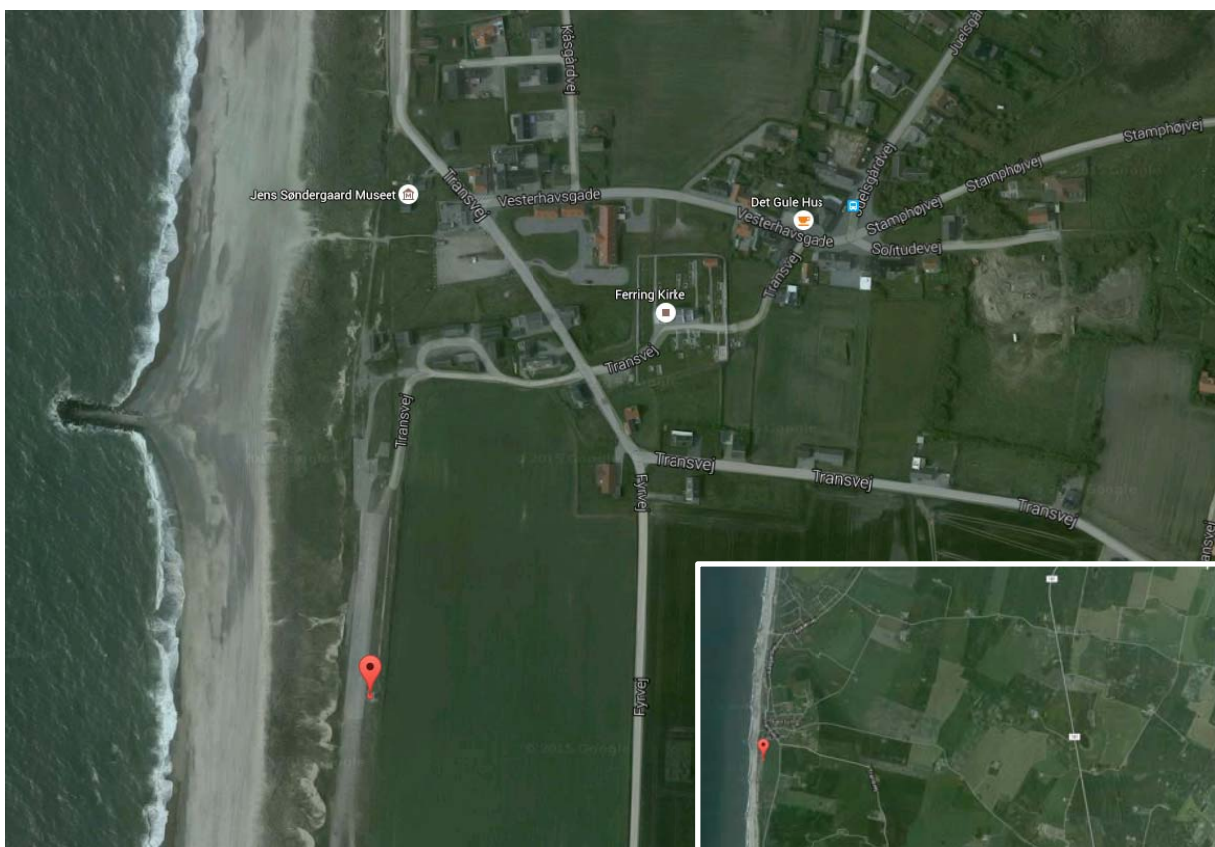
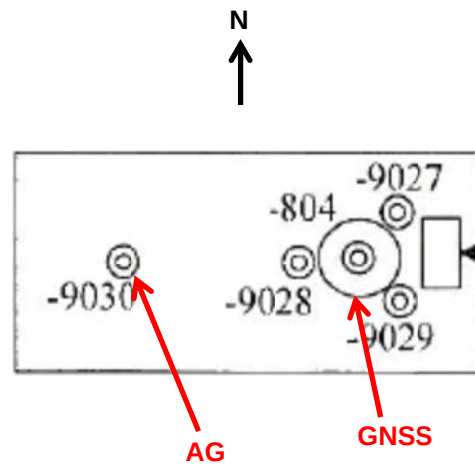
g [μ Gal] @ 0m:	981 637 697 +/- 11	dg/dh [μ Gal/m]:	-322.0
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Description:

Point at the permanent GNSS site near Ferring. First measured in 2010.

Point is marked with a bolt.





Absolute gravity point description.

Location/Code:	Fredericia / FRDK				
Lat:	55.56454	Long:	9.75292	Height [m] (orto):	11.00

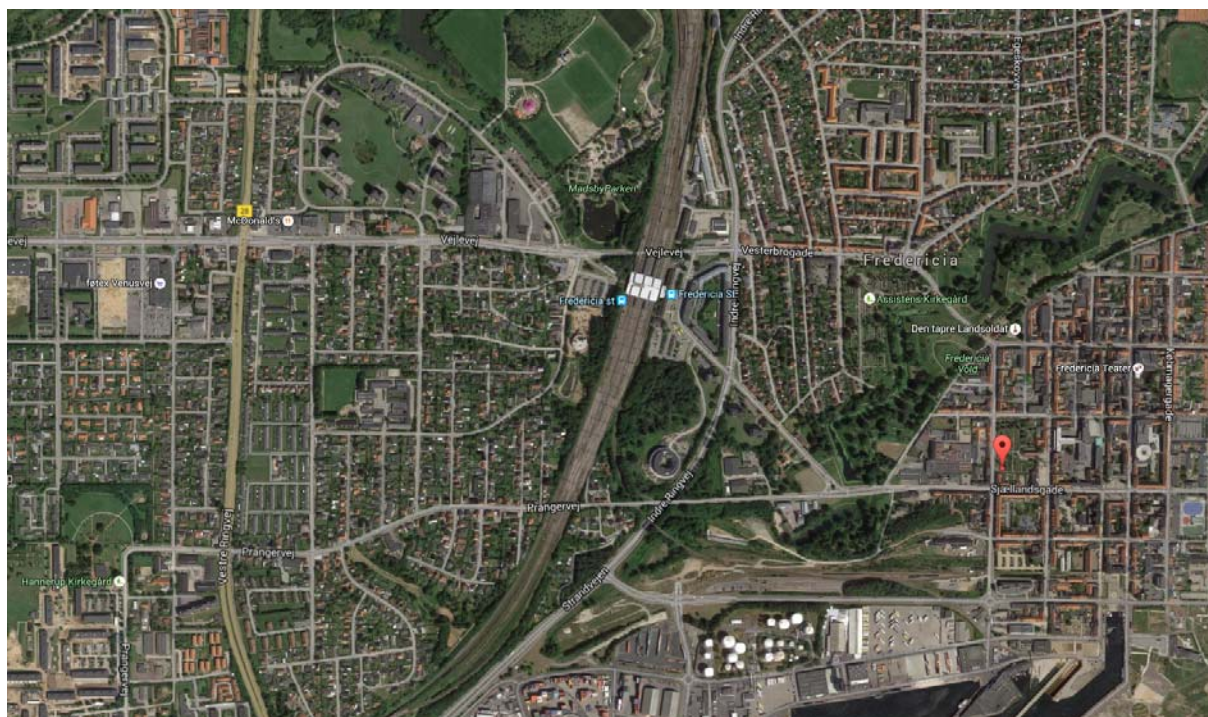
g [μ Gal] @ 0m:	981 564 267 +/- 11	dg/dh [μ Gal/m]:	-307.5
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Description:

Point near Sct. Michealils Church, in the garage belong to the cemetery workers. Point established in 2010.

Point is marked with a bolt.





Absolute gravity point description.

Location/Code:	Fredericia Church, Eccenter / FRDK_ECC				
Lat:	55.56488	Long:	9.75352	Height [m] (orto):	11.00

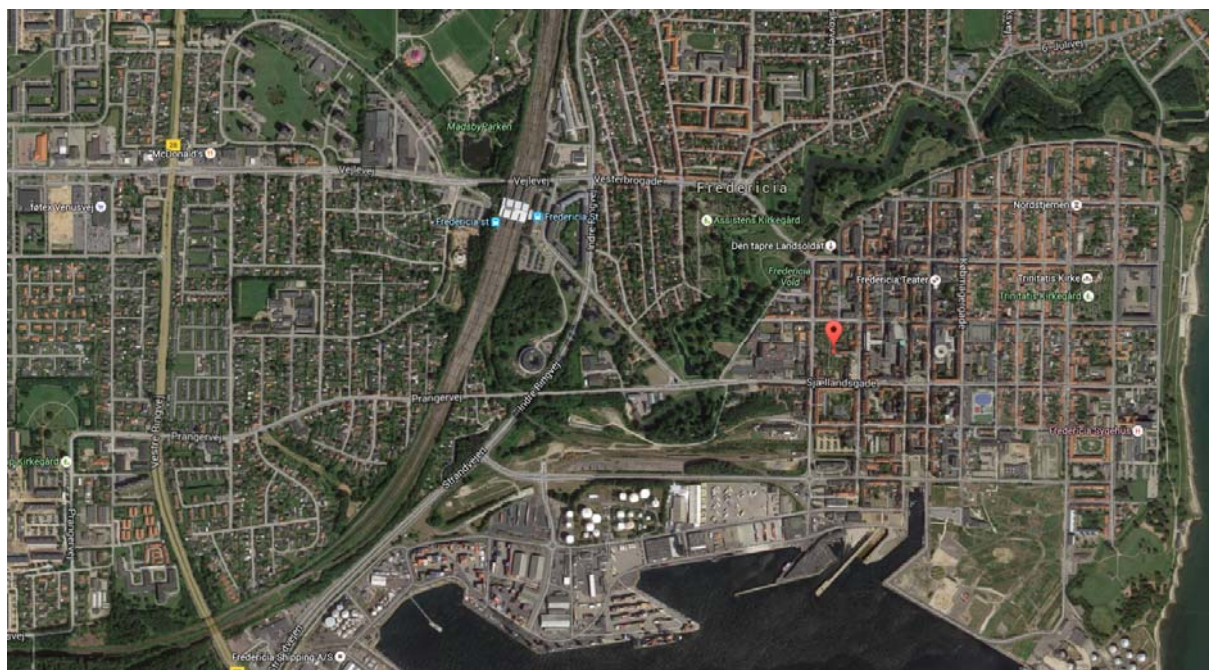
g [μ Gal] @ 0m:	981 564 544 +/- 11	dg/dh [μ Gal/m]:	-293.0
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Description:

Point in doorway of main entrance to Sct. Michealils Church in Fredericia. First measured in 2010.

Point is unmarked.





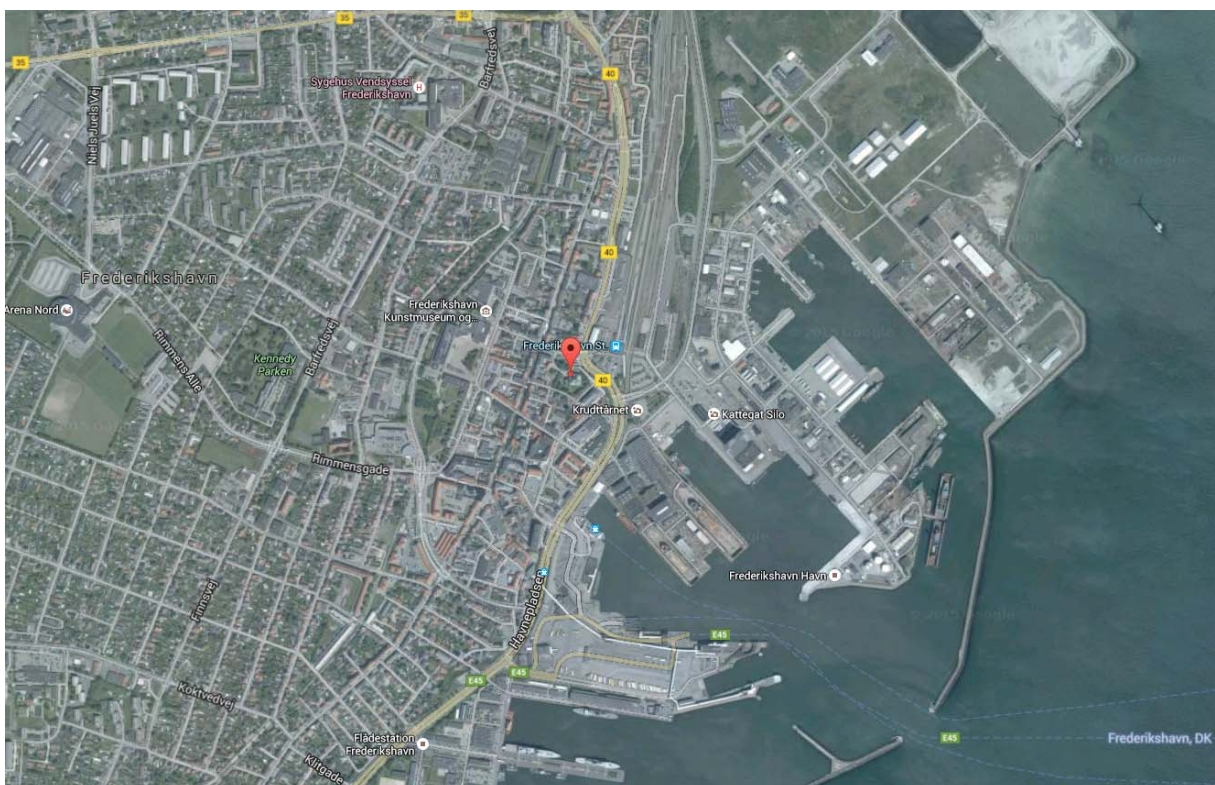
Absolute gravity point description.

Location/Code:	Frederikshavn Church / FRHV				
Lat:	57.44077	Long:	10.53810	Height [m] (orto):	22.00

g [μ Gal] @ 0m:	981 724 012 +/- 11	dg/dh [μ Gal/m]:	-224.2
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Description:
Point at the main entrance of the Frederikshavn Church. Point established in June 2013.
Point is unmarked.





Absolute gravity point description.

Location/Code:	Frederikshavn – Fladestrånd Church / FRHV_ECC				
Lat:	57.45047	Long:	10.53459	Height [m] (orto):	25.00

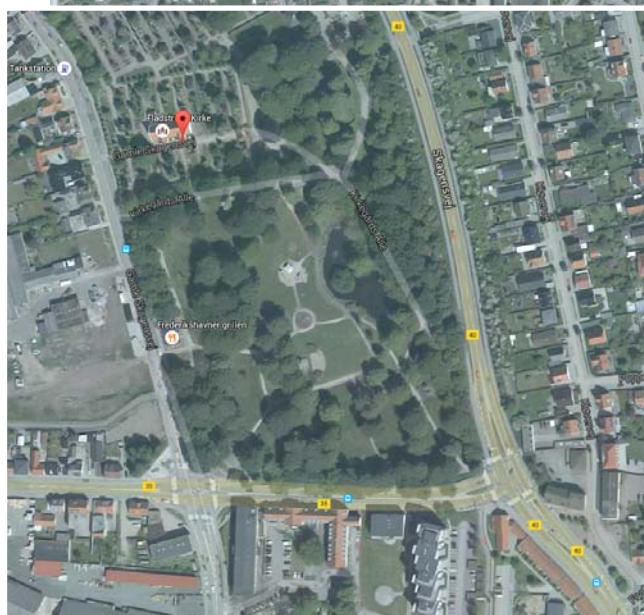
g [μ Gal] @ 0m:	981 721 990 +/- 11	dg/dh [μ Gal/m]:	-293.6
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Description:

Point on stairs at the south side of Fladestrånd Church. Point is eccenter. Established in 2013.

Point is unmarked.





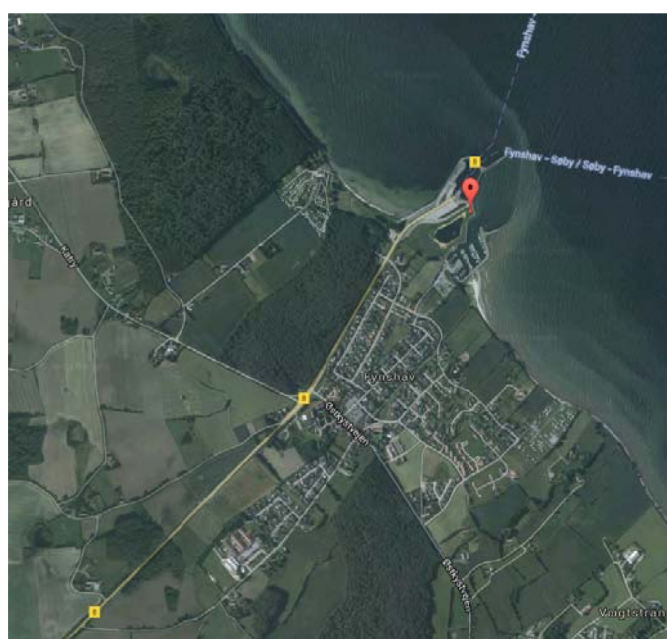
Absolute gravity point description.

Location/Code:	Fynshav GNSS / FYNH / 155-06-09078				
Lat:	54.99365	Long:	9.98624	Height [m] (orto):	2.17

g [μ Gal] @ 0m:	981 525 135 +/- 11	dg/dh [μ Gal/m]:	-316.3
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Description:
Point at the permanent GNSS site in Fynshav. First measured in October 2013.
Point marked with a bolt.





Absolute gravity point description.

Location/Code:	Fynshav Boarding school / FYNS				
Lat:	54.98566	Long:	9.97702	Height [m] (orto):	11.00

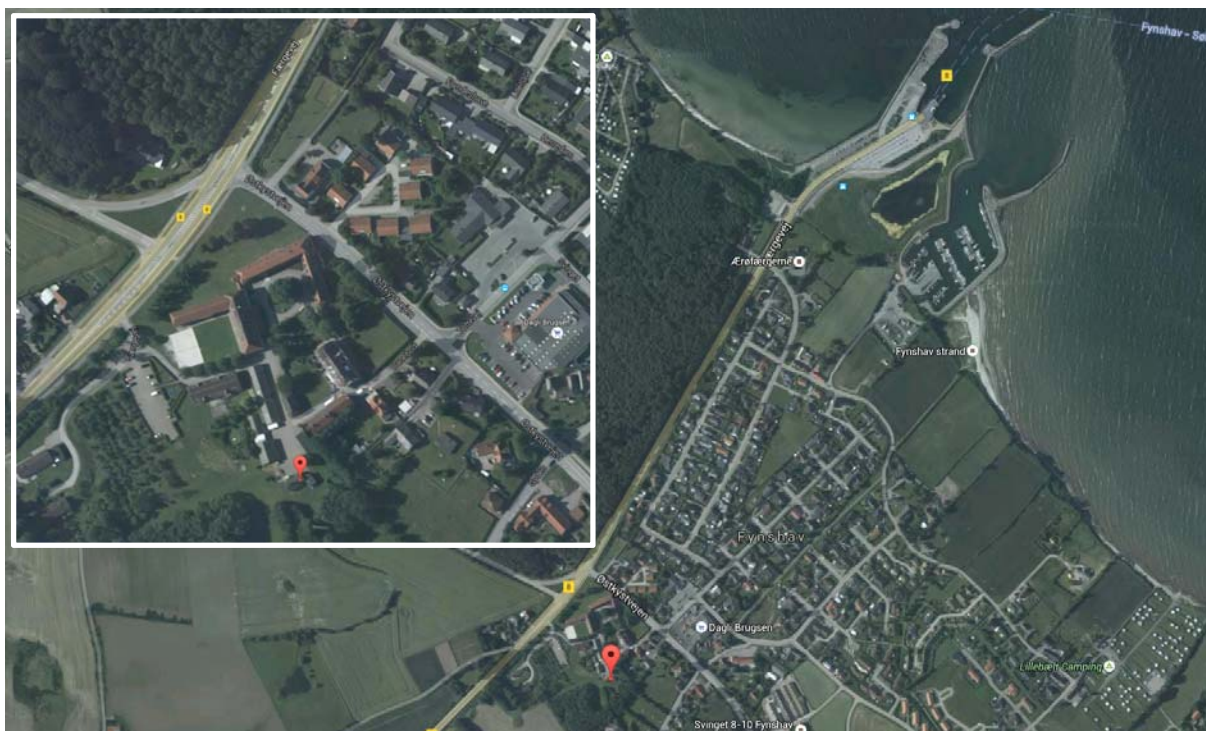
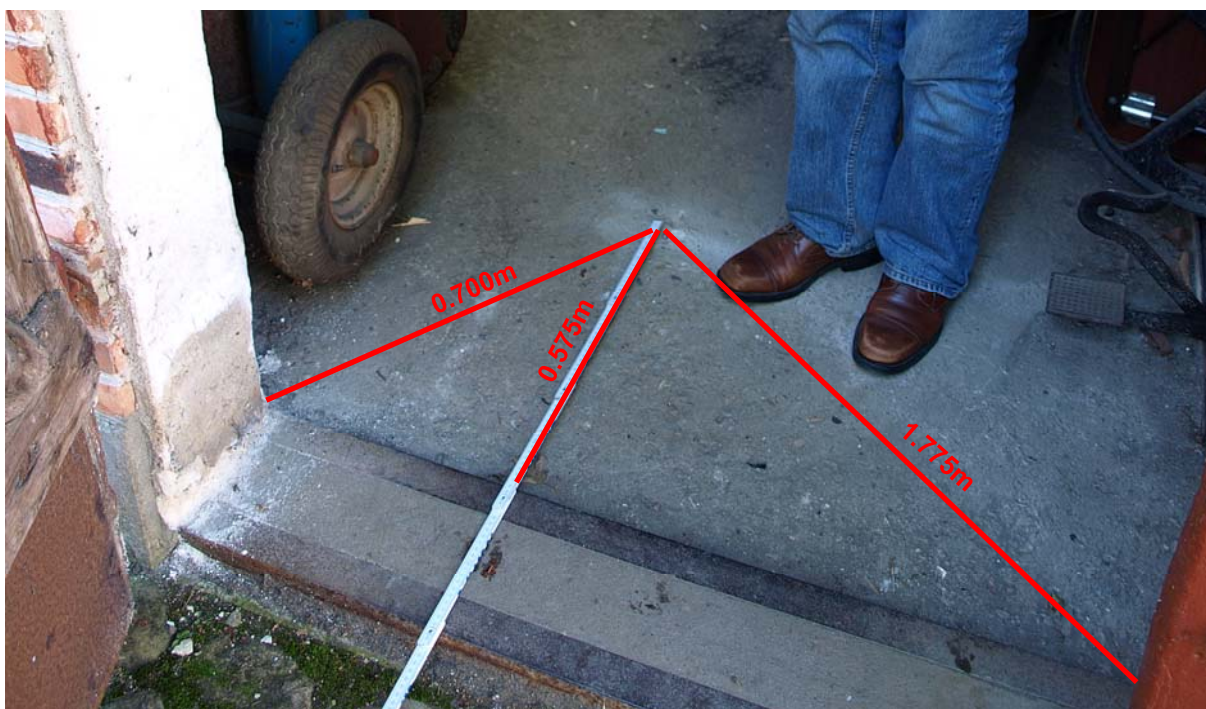
g [μ Gal] @ 0m:	981 516 992 +/- 11	dg/dh [μ Gal/m]:	-295.4
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Description:

Point in the old smithy building at the former Fynshav Boarding school. Point established in 2010.

Point is marked with a bolt.





Absolute gravity point description.

Location/Code:	Fynshav Eccenter / FYN_S_ECC				
Lat:	54.98601	Long:	9.97692	Height [m] (orto):	11.00

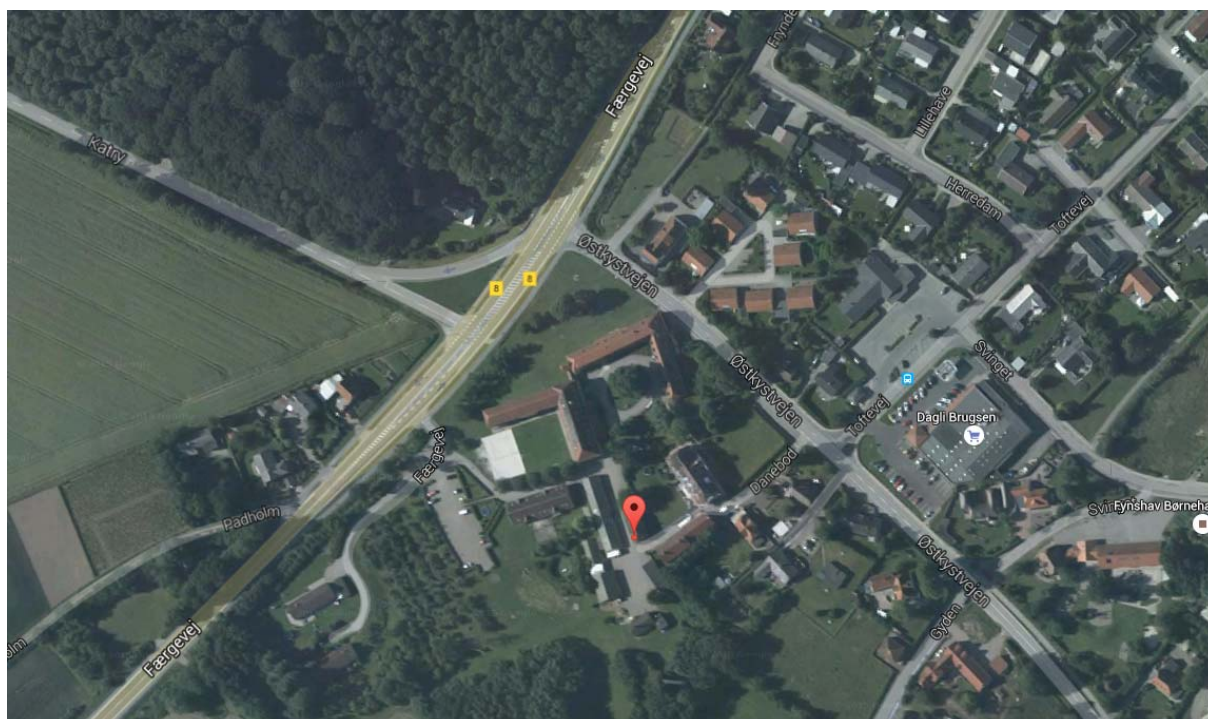
g [μ Gal] @ 0m:	981 516 794 +/- 11	dg/dh [μ Gal/m]:	-319.5
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Description:

Eccenter point at Fynshav Boarding school. On stairs to wood shop. Established in 2010.

Point is unmarked.





Absolute gravity point description.

Location/Code:	Gedser GNSS / GEDS / 52-03-09089				
Lat:	54.57443	Long:	11.92289	Height [m] (orto):	2.20

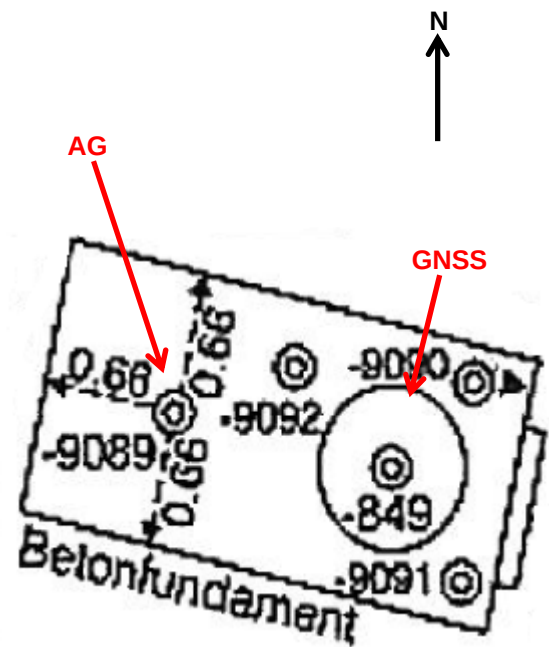
g [μ Gal] @ 0m:	981 471 687 +/- 11	dg/dh [μ Gal/m]:	-310.7
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Description:

Point at the permanent GNSS site in Gedser. First measured with the A10-019 in February 2009.

Point is marked with a bolt.





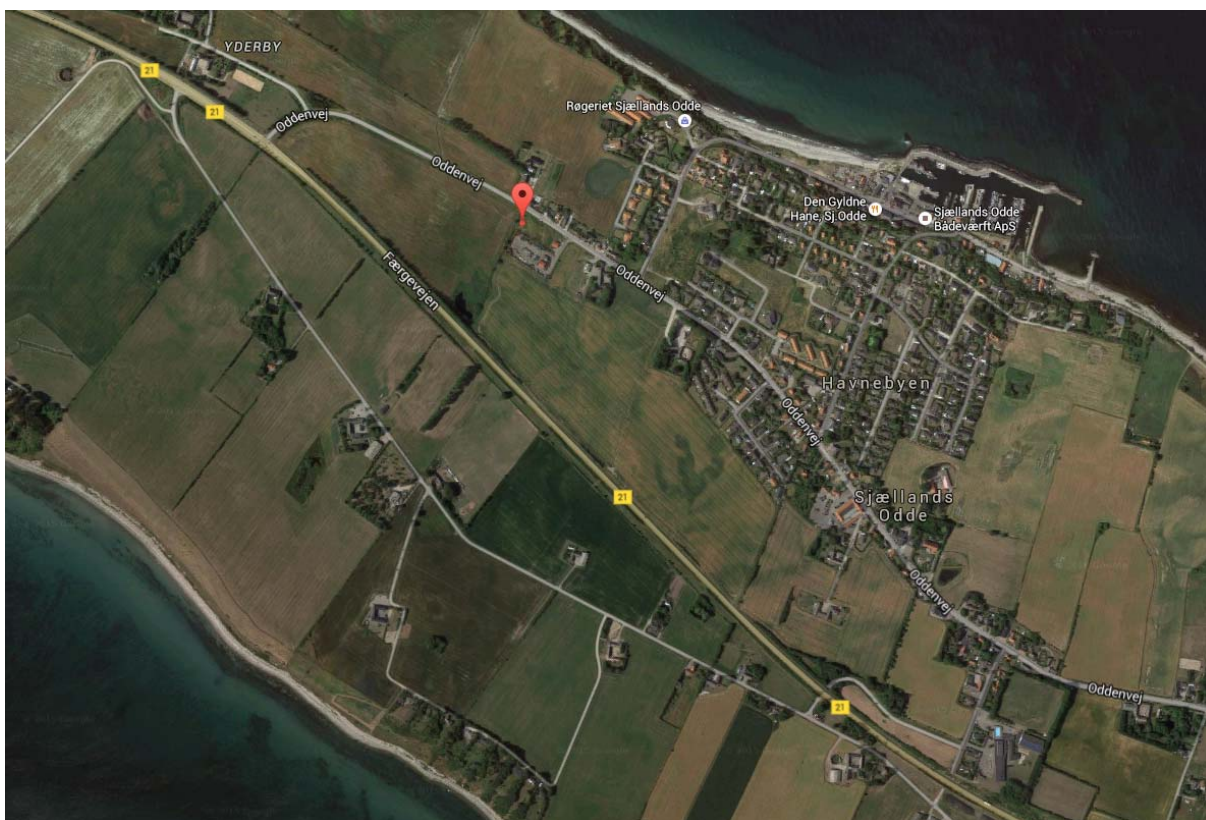
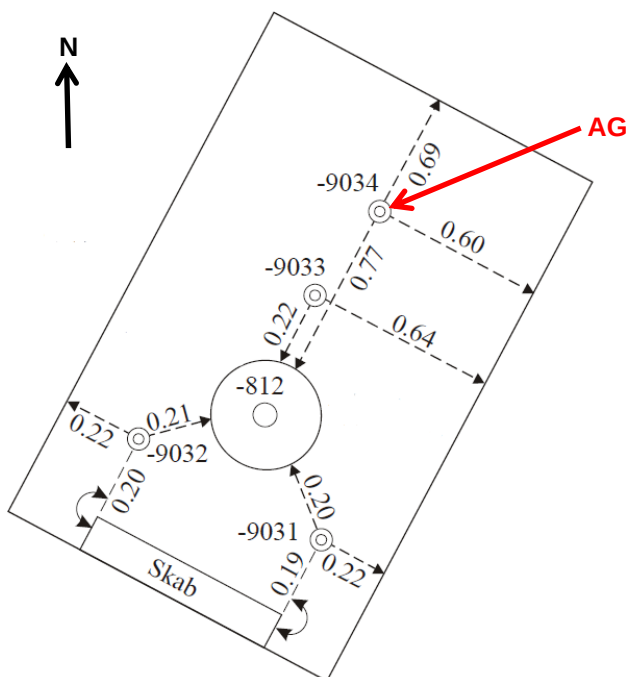
Absolute gravity point description.

Location/Code:	Havnebyen GNSS / HVBV / 16-08-09034				
Lat:	55.97188	Long:	11.35535	Height [m] (orto):	21.35

g [μ Gal] @ 0m:	981 577 411 +/- 11	dg/dh [μ Gal/m]:	-300.1
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Description:
Point on concrete pillar for the Havnebyen GNSS site. Station number: 16-08-09034
Point is marked with a bolt.





Absolute gravity point description.

Location/Code:	Helsingør / HELS / K-06-09206				
Lat:	56.04495	Long:	12.57884	Height [m] (orto):	31.97

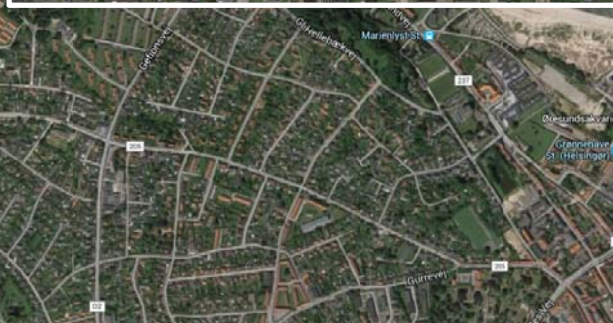
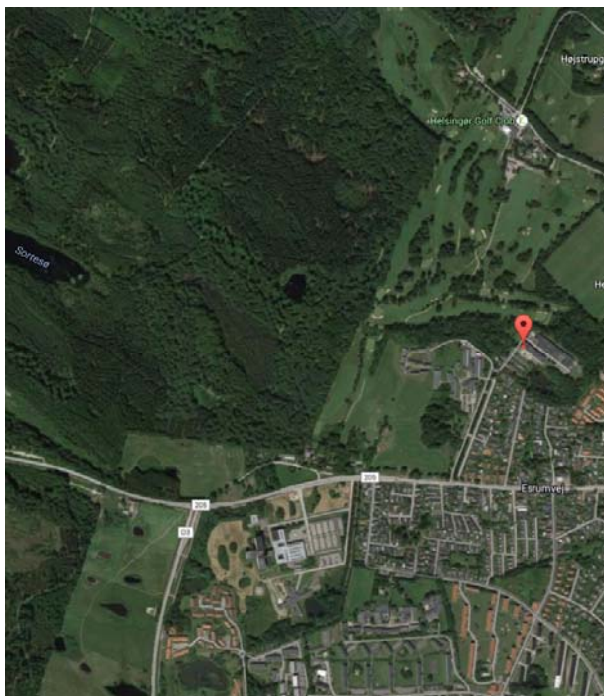
g [μ Gal] @ 0m:	981 580 390 +/- 11	dg/dh [μ Gal/m]:	-265.0
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Description:

Point at the 10 grade school in Helsingør, Rasmus Knudsensvej 50. First measured in 1986 with JILA-3 and since in 2003 and 2005 with FG5-220. First measured with A10-019 in 2008.

Point is marked with a bolt.





Absolute gravity point description.

Location/Code:	Helsingør Eccenter / HELS ECC / K-06-09205				
Lat:	56.03333	Long:	12.58952	Height [m] (orto):	30.26

g [μ Gal] @ 0m:	981 579 098 +/- 11	dg/dh [μ Gal/m]:	-304.5
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Description:

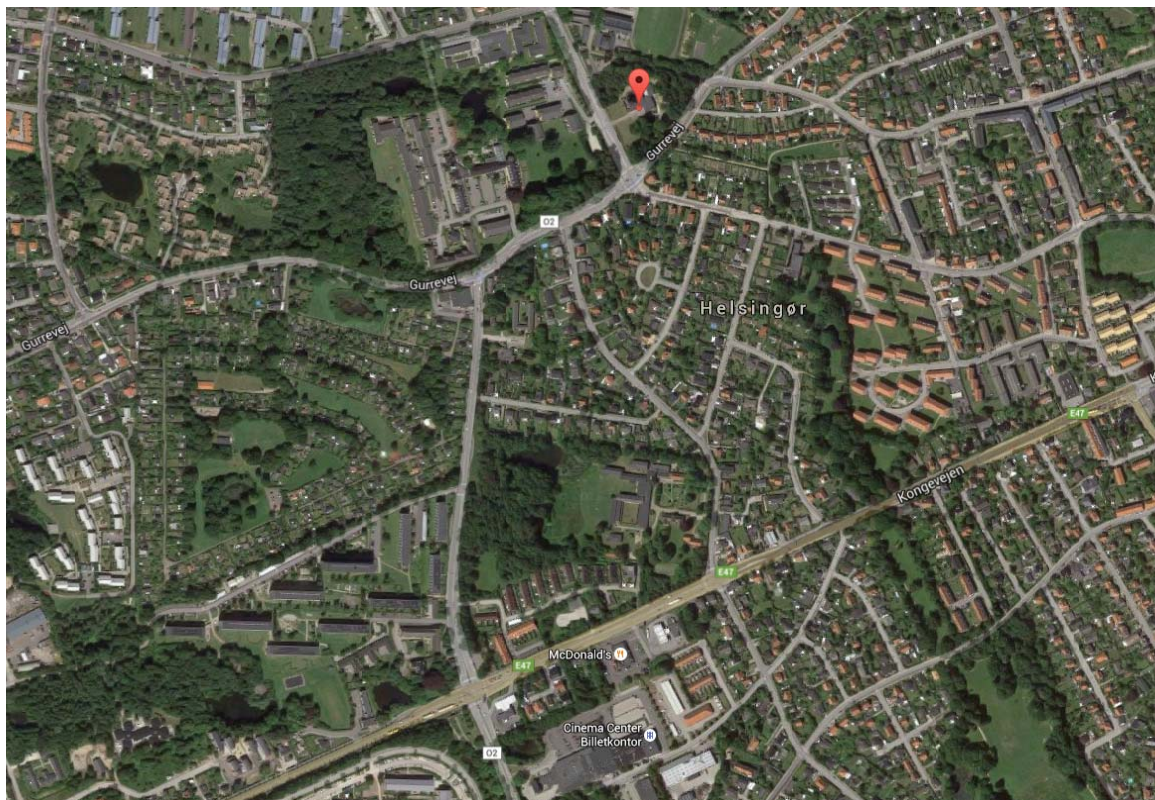
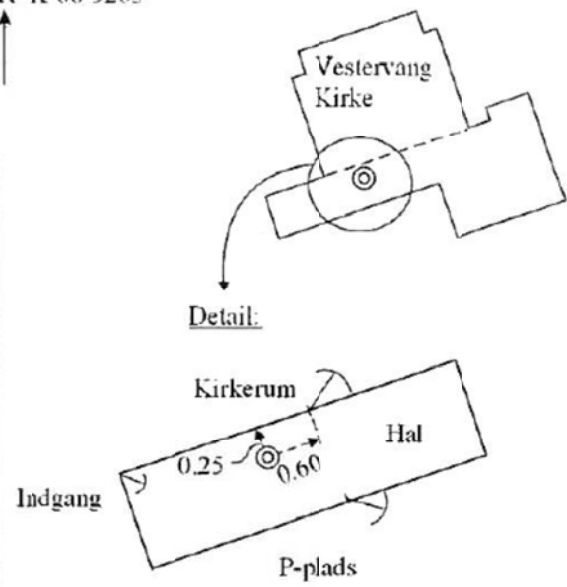
Eccenter point in Vestervang Church in Helsingør. First measured in 2011 with the A10-020.

Point is unmarked.





N K-06-9205



Absolute gravity point description.

Location/Code:	Hirtshals Church / HIKR				
Lat:	57.58730	Long:	9.96299	Height [m] (orto):	20.00

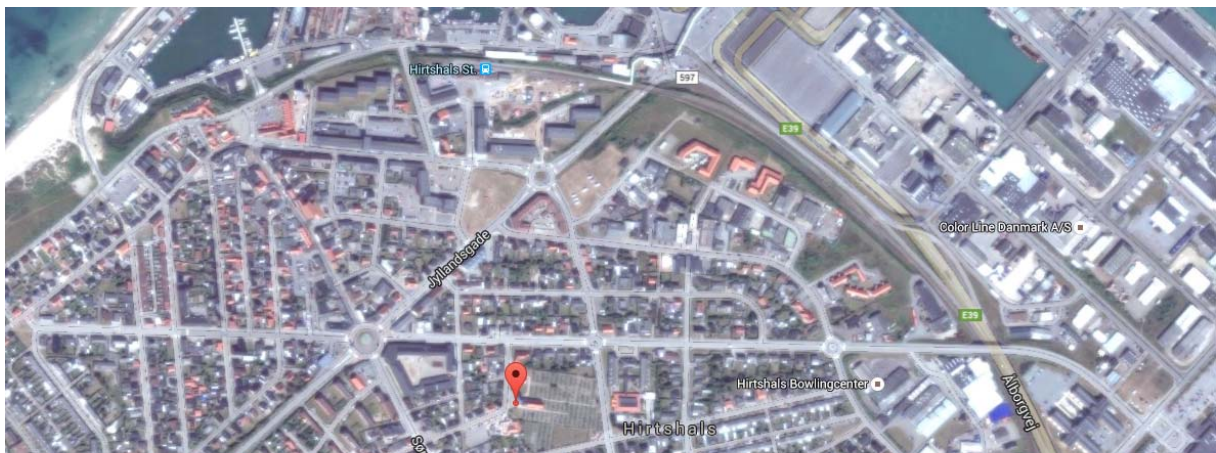
g [μ Gal] @ 0m:	981 722 221 +/- 11	dg/dh [μ Gal/m]:	-223.4
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Description:

Point inside the Porch of Hirtshals Church. First measured in June 2013.

Point is unmarked.





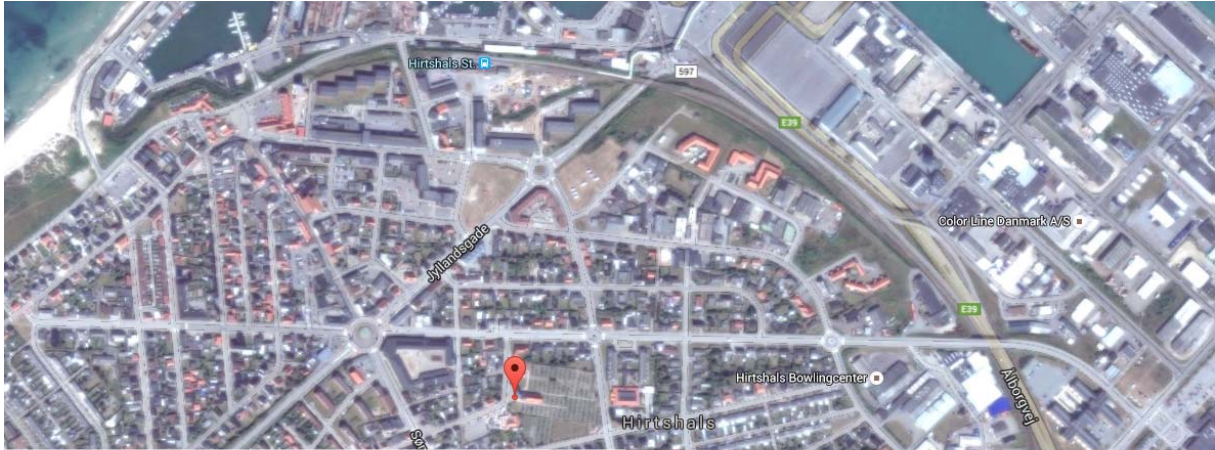
Absolute gravity point description.

Location/Code:	Hirtshals Church Eccenter / HIKR_ECC				
Lat:	57.58730	Long:	9.96299	Height [m] (orto):	20.00

g [μ Gal] @ 0m:	981 722 312 +/- 11	dg/dh [μ Gal/m]:	-323.7
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Description:
Point on the stairway to Hirtshals Church. First measured in June 2013.
Point is unmarked.





Absolute gravity point description.

Location/Code:	Højer / HJKR				
Lat:	54.96460	Long:	8.69902	Height [m] (orto):	2.00

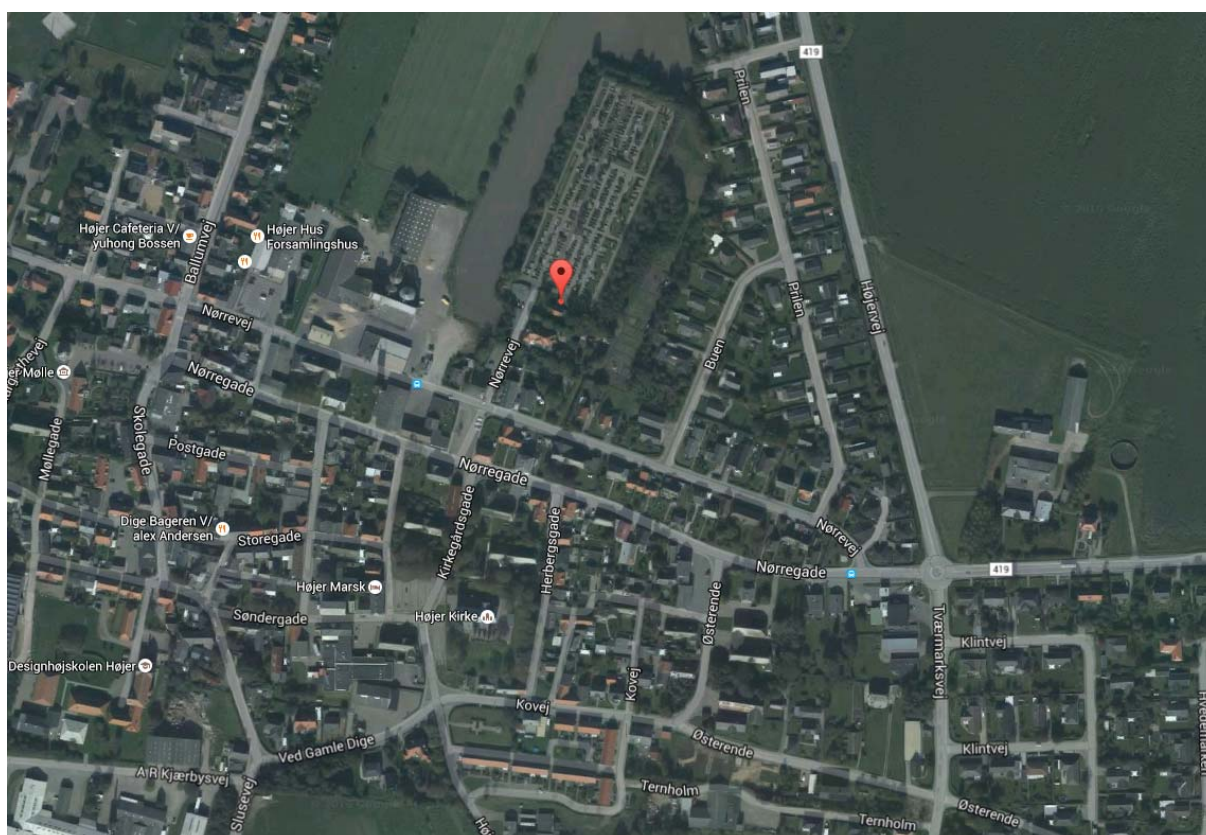
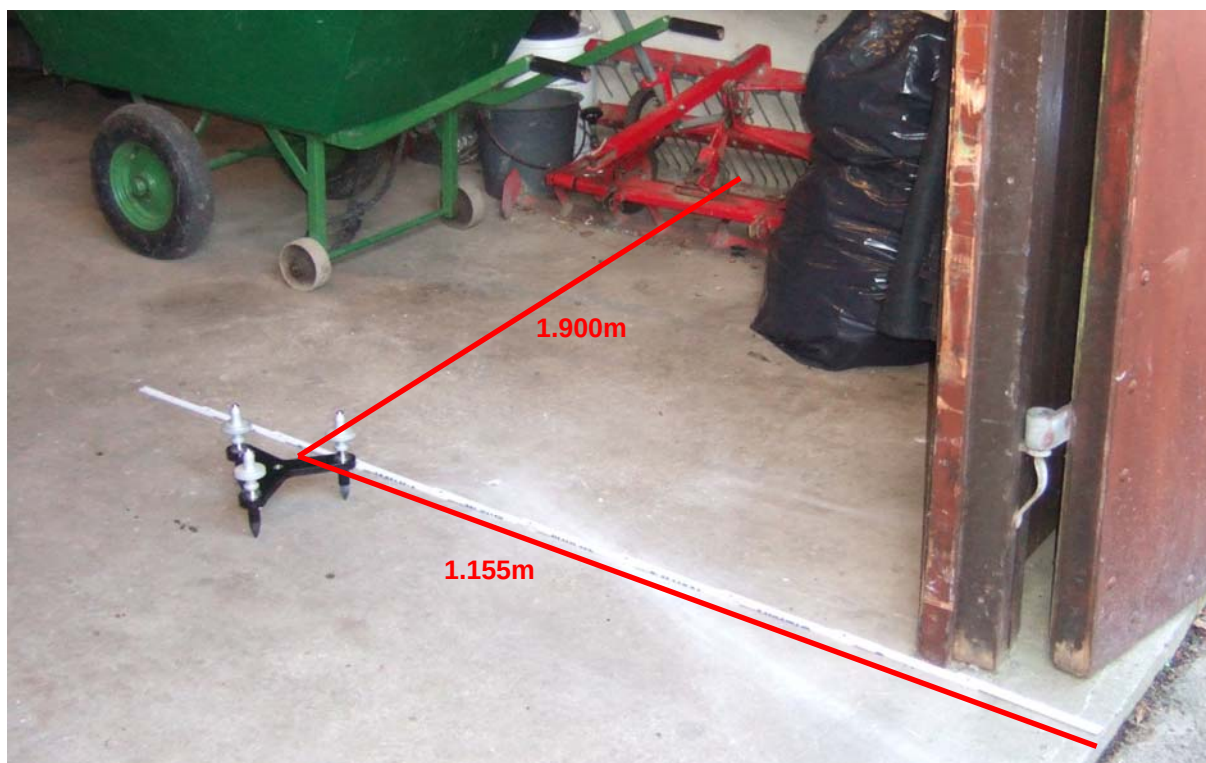
g [μ Gal] @ 0m:	981 509 151 +/- 11	dg/dh [μ Gal/m]:	-293.9
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Description:

Point the garage of the cemetery worker at Højer cemetery. First measured in October 2011.

Point is marked with a bolt.





Absolute gravity point description.

Location/Code:	Højer Eccenter / HJKR_ECC				
Lat:	54.96460	Long:	8.69902	Height [m] (orto):	2.00

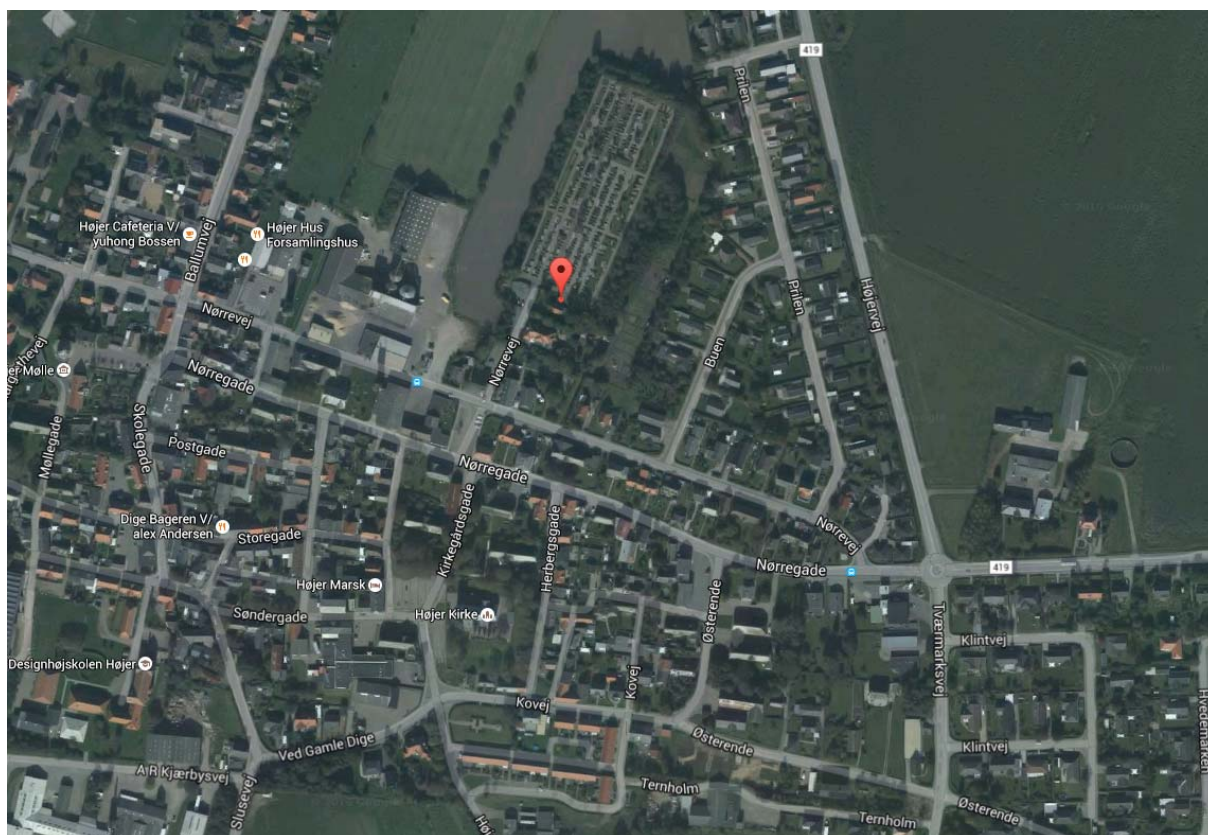
g [μ Gal] @ 0m:	981 509 118 +/- 11	dg/dh [μ Gal/m]:	-306.3
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Description:

Point at Højer cemetery at the cemetery workers garage. First measured in October 2010.

Point is unmarked.





Absolute gravity point description.

Location/Code:	Korsør Church / KORS / K-11-9328				
Lat:	55.33014	Long:	11.13628	Height [m] (orto):	0.00

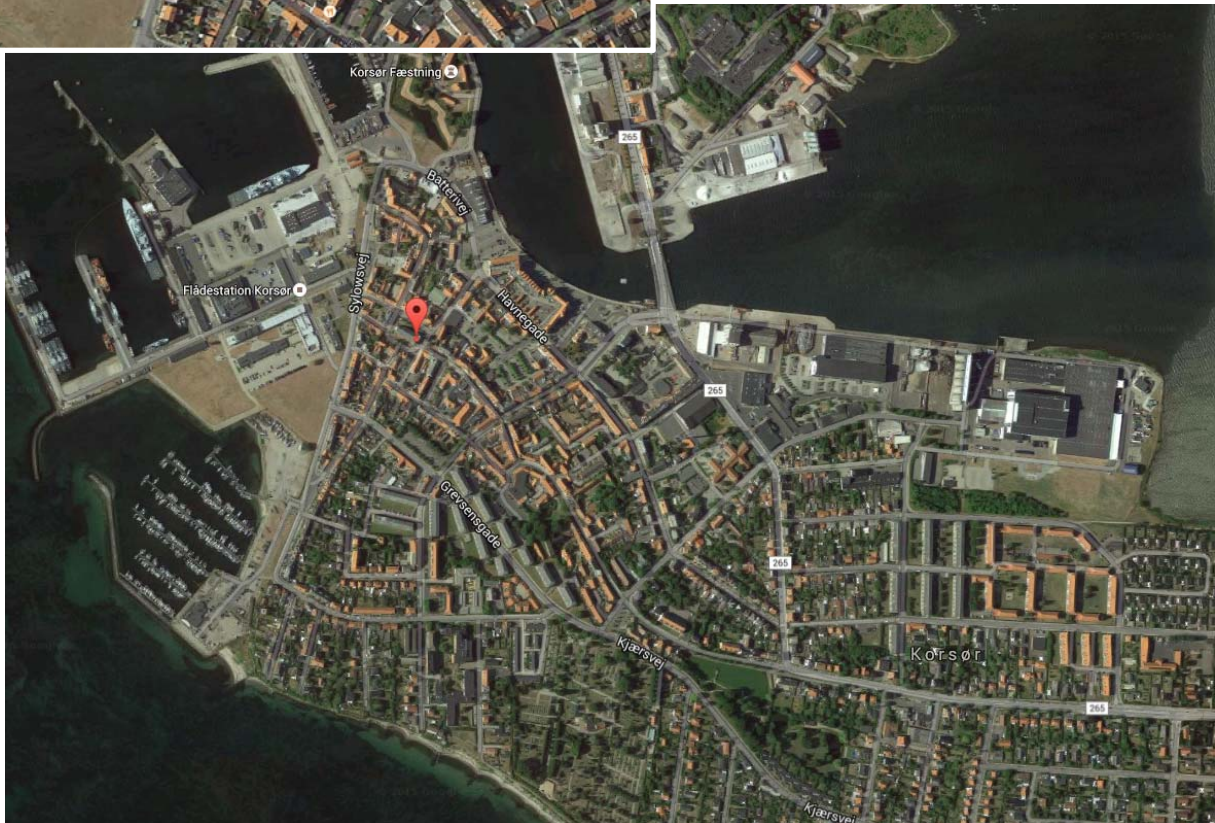
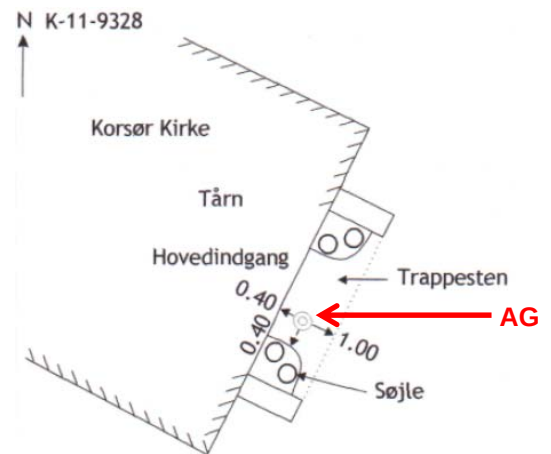
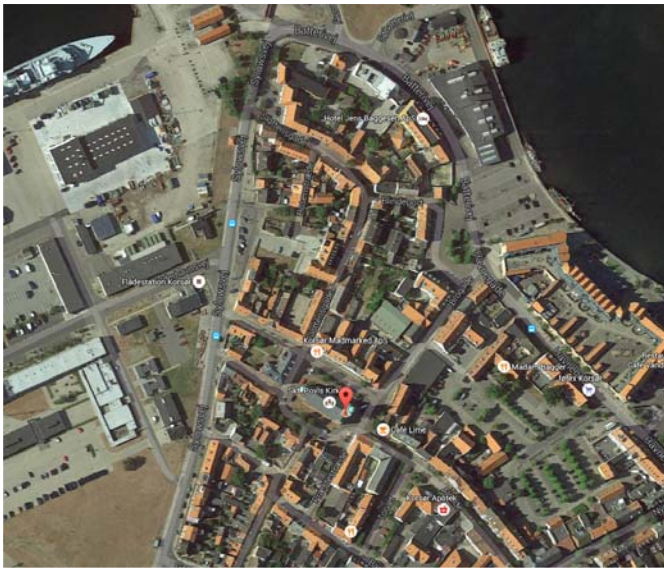
g [μ Gal] @ 0m:	981 533 427 +/- 11	dg/dh [μ Gal/m]:	-304.3
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Description:

Point at Korsør Church, at the steps of the main entrance. The right-side door on the picture below. First measured with the A10-020 in November 2011.

Point is unmarked.





Absolute gravity point description.

Location/Code:	Nexø Church / NEXO / K-24-09065				
Lat:	55.06081	Long:	15.13239	Height [m] (orto):	2.75

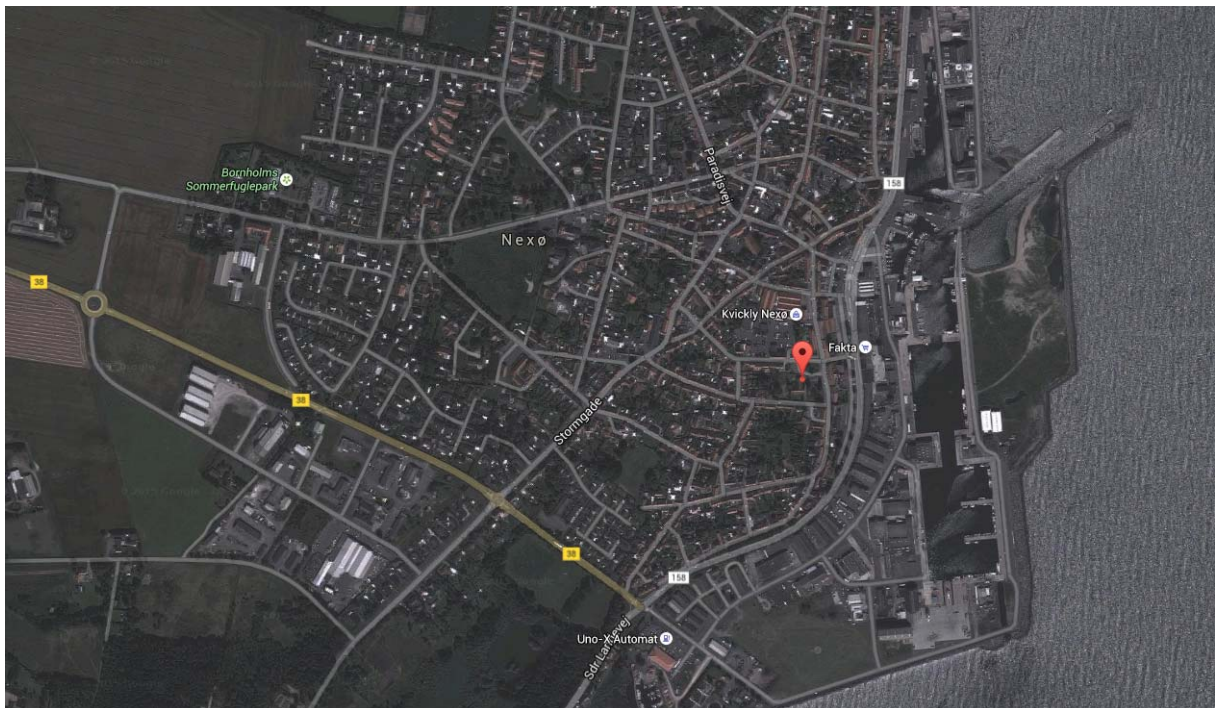
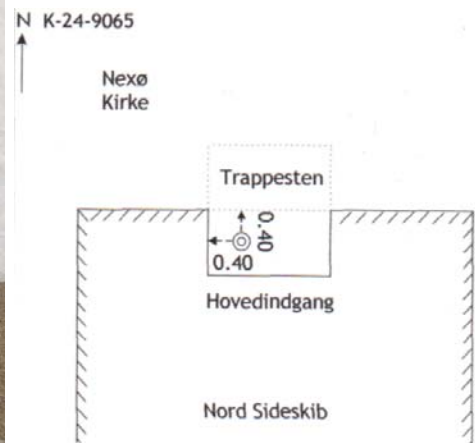
g [μ Gal] @ 0m:	981 543 243 +/- 11	dg/dh [μ Gal/m]:	-304.5
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Description:

Point at Nexø Church. At the main entry. First measured in November 2011 with the A10-020.

Point is unmarked.





Absolute gravity point description.

Location/Code:	Nexø Church Eccenter / NEXO_ECC / K-24-09066				
Lat:	55.06061	Long:	15.13217	Height [m] (orto):	2.65

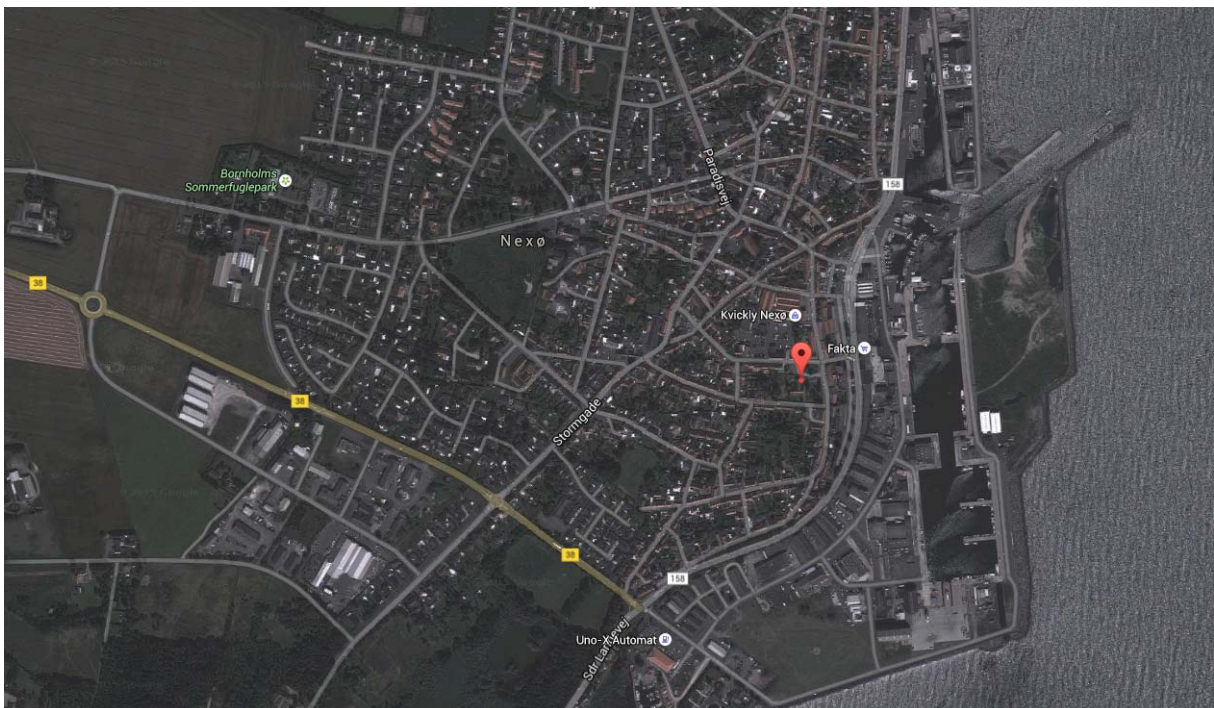
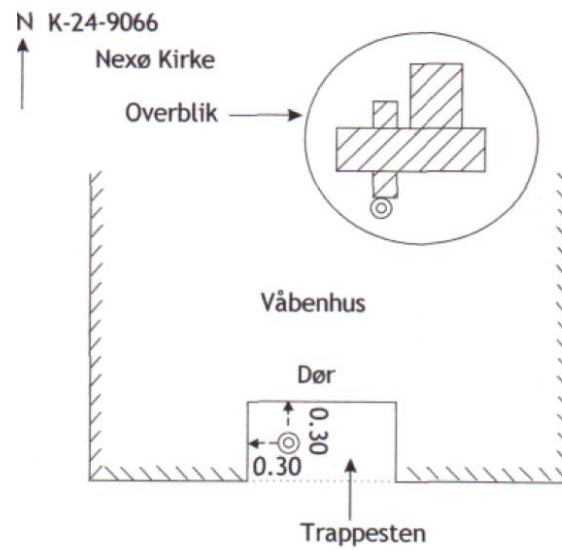
g [μ Gal] @ 0m:	981 543 297 +/- 11	dg/dh [μ Gal/m]:	-289.8
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Description:

Eccenter point at south side of Nexø Church, first measured with the A10-020 in November 2011.

Point is unmarked.





Absolute gravity point description.

Location/Code:	Rødbyhavn Church / RDBH				
Lat:	54.66547	Long:	11.35975	Height [m] (orto):	0.00

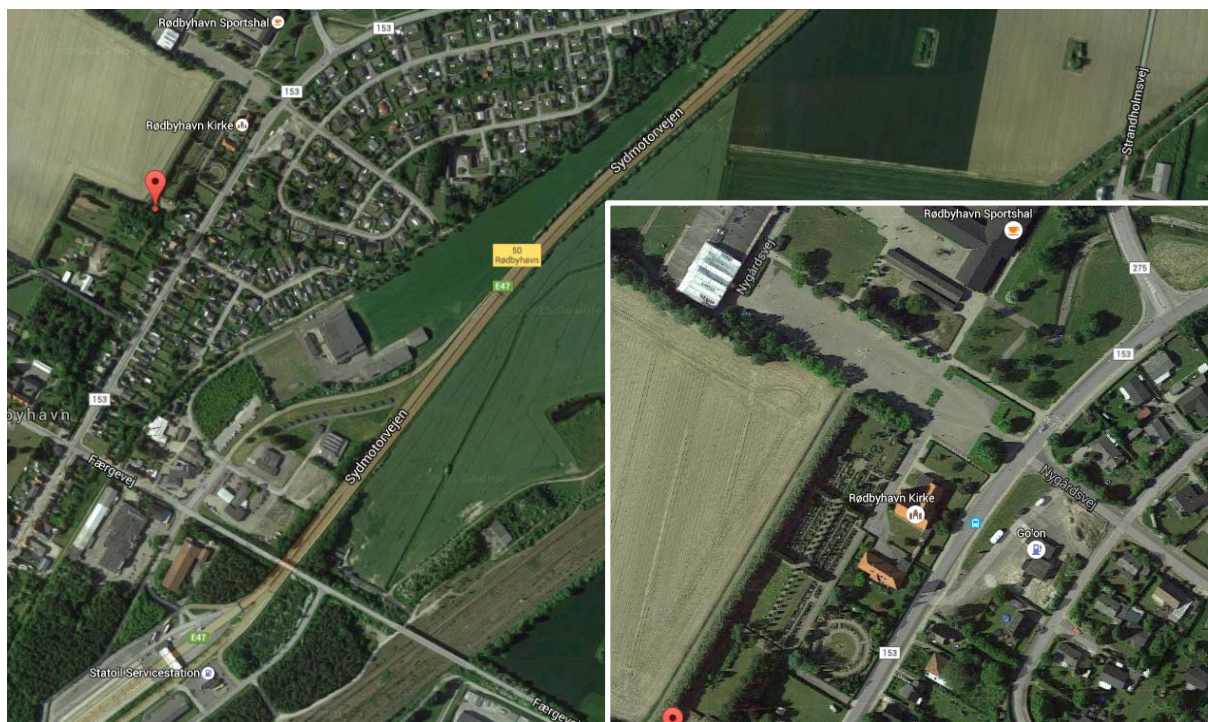
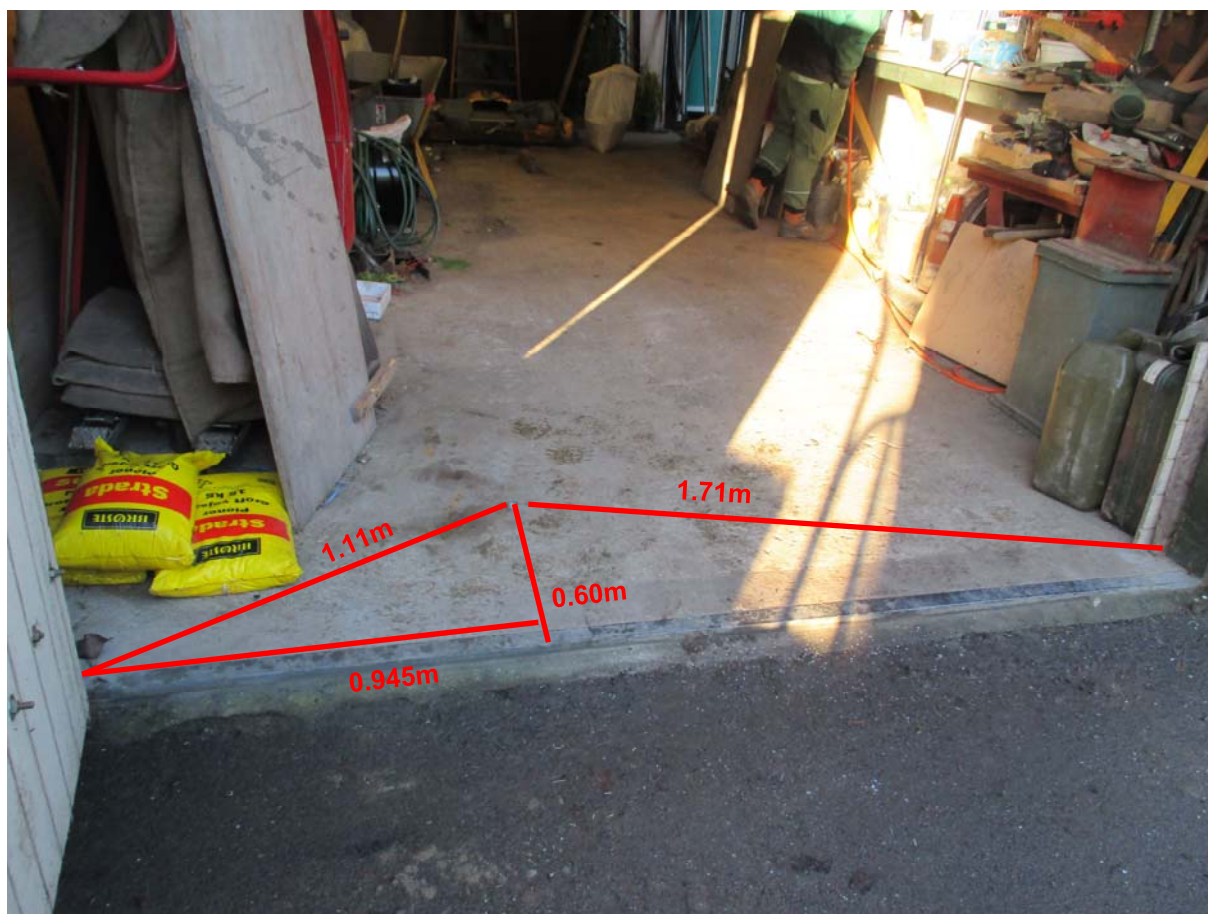
g [μ Gal] @ 0m:	981 480 698 +/- 19	dg/dh [μ Gal/m]:	-234.7
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Description:

Point in cemetery workers garage. First measured in November 2011 with the A10-020. First with the A10-019 in January 2015.

The point is unmarked.





Absolute gravity point description.

Location/Code:	Rødbyhavn Church Eccenter / RDBH_ECC				
Lat:	54.66667	Long:	11.36175	Height [m] (orto):	0.00

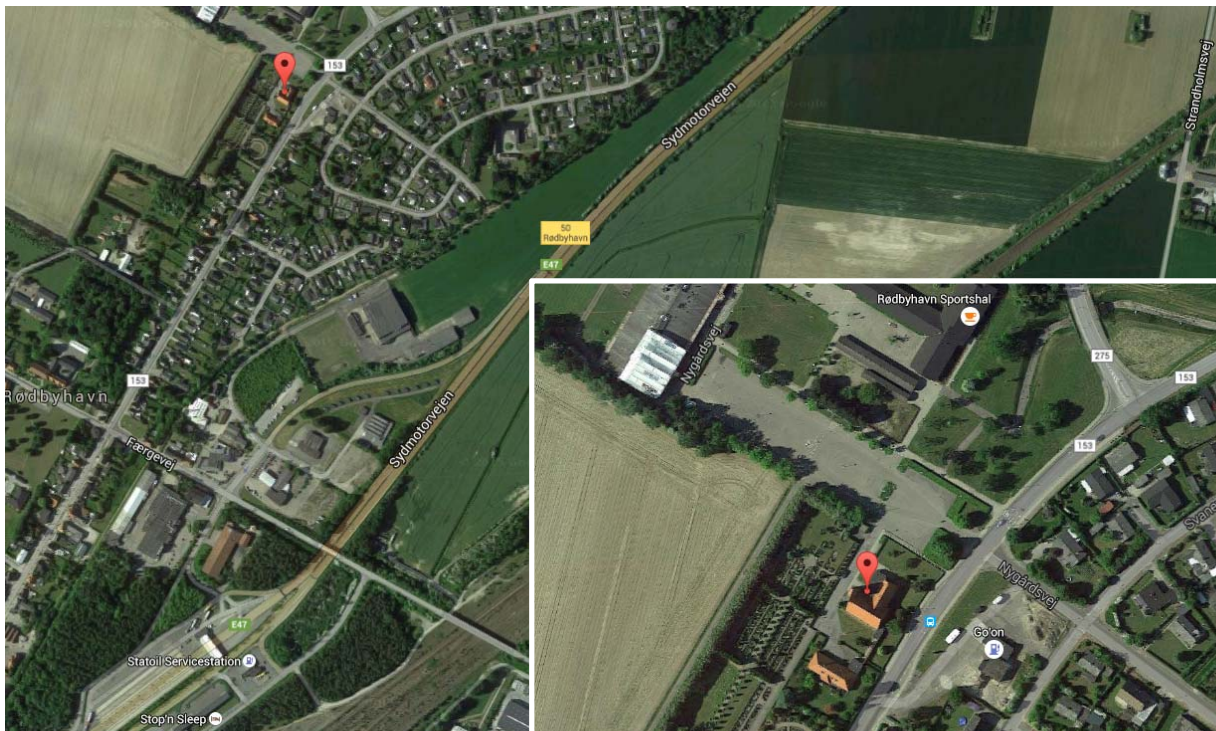
g [μ Gal] @ 0m:	981 481 131 +/- 11	dg/dh [μ Gal/m]:	-308.2
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Description:

Point at the bottom of an outside stair case at Rødbyhavn Church. First measured in November 2011 with A10-020.

Point is unmarked.





Absolute gravity point description.

Location/Code:	Rønne Church / RONN / K-25-9177				
Lat:	55.09910	Long:	14.69772	Height [m] (orto):	11.63

g [μ Gal] @ 0m:	981 517 205 +/- 13	dg/dh [μ Gal/m]:	-302.1
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Description:

Point outside Rønne Church, close to entrance on Østergade 20. Gravity station number: 252.

Point is unmarked.





Absolute gravity point description.

Location/Code:	Skagen Church / SKKR				
Lat:	57.72140	Long:	10.58505	Height [m] (orto):	27.00

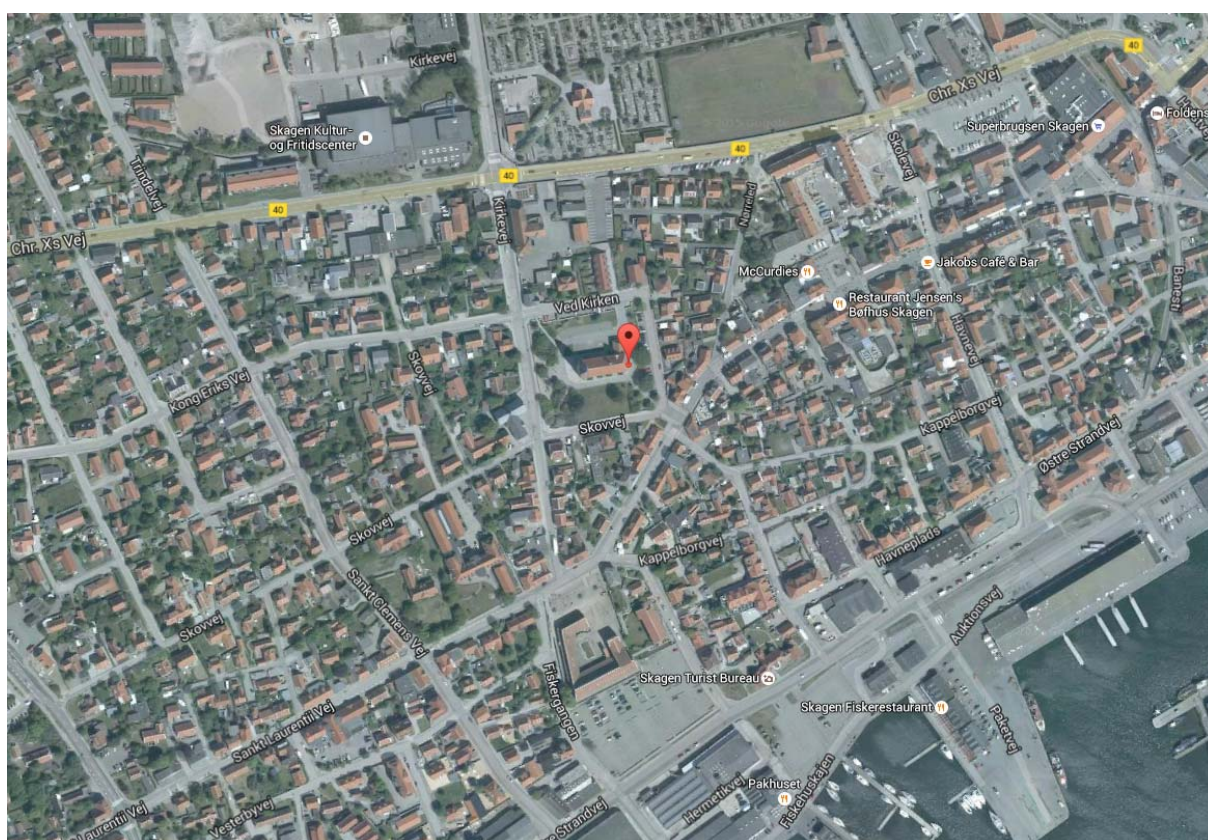
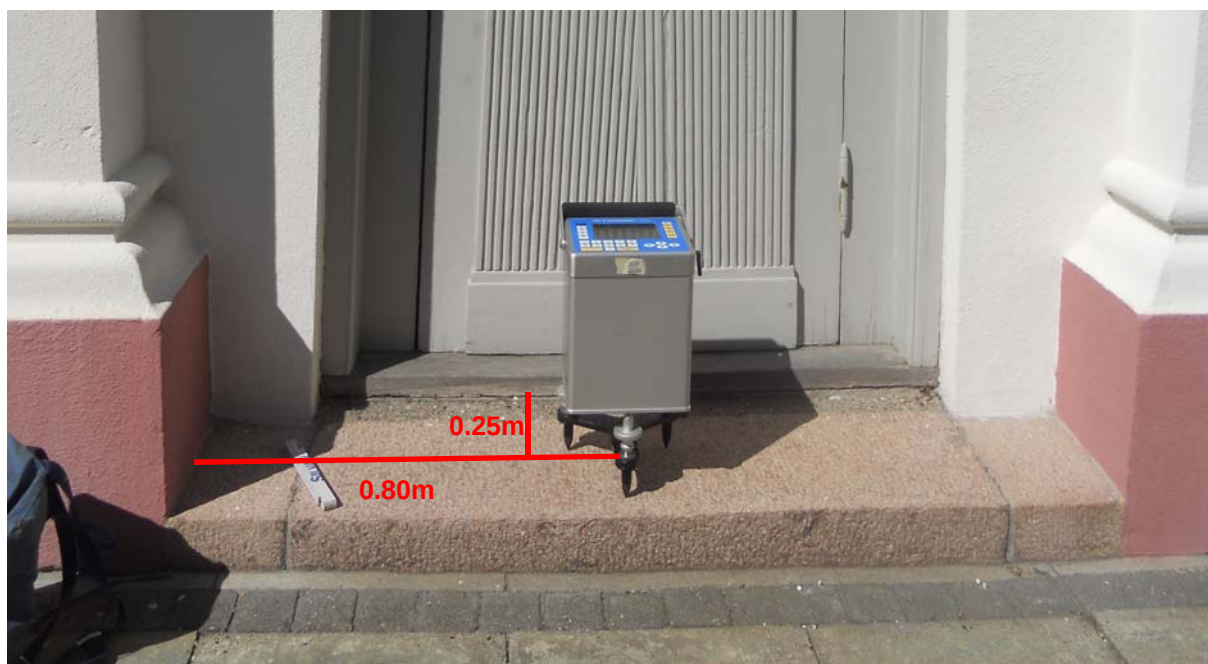
g [μ Gal] @ 0m:	981 731 600 +/- 12	dg/dh [μ Gal/m]:	-304.3
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Description:

Point on door step at Skagen Church. First measured in June 2013.

Point is unmarked.





Absolute gravity point description.

Location/Code:	Skagen Eccenter / SKGF				
Lat:	57.72912	Long:	10.60663	Height [m] (orto):	1.00

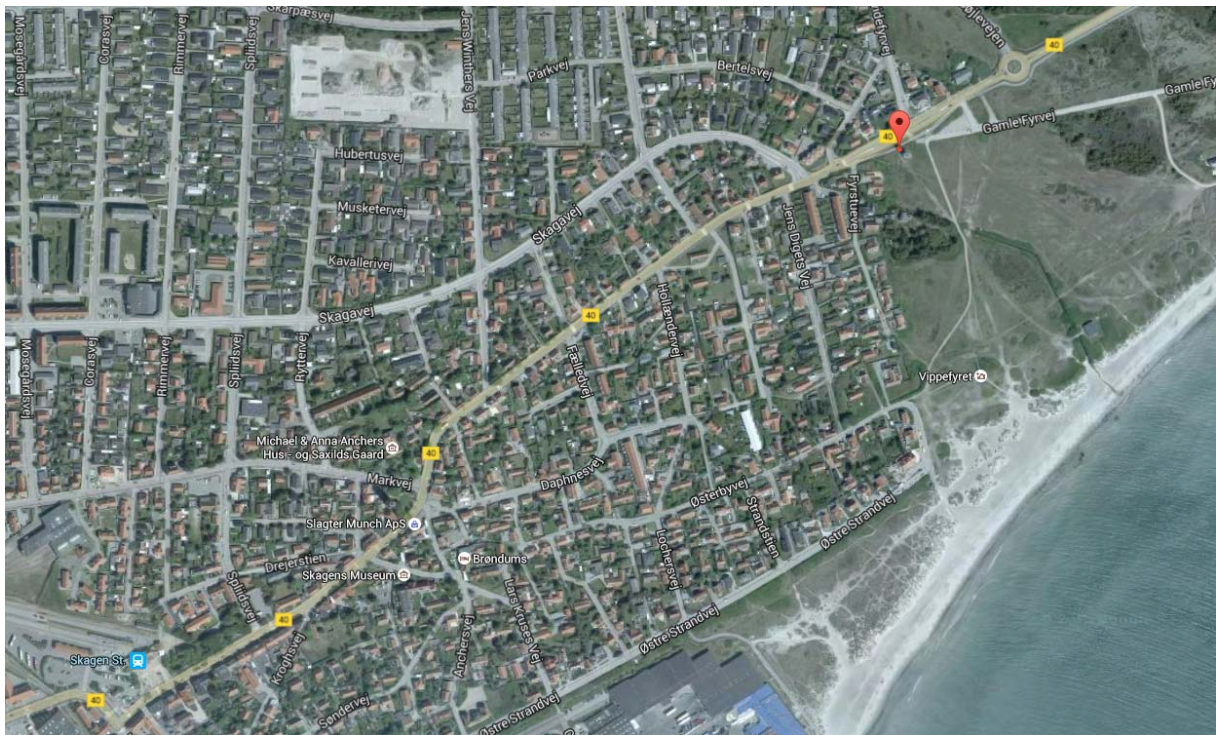
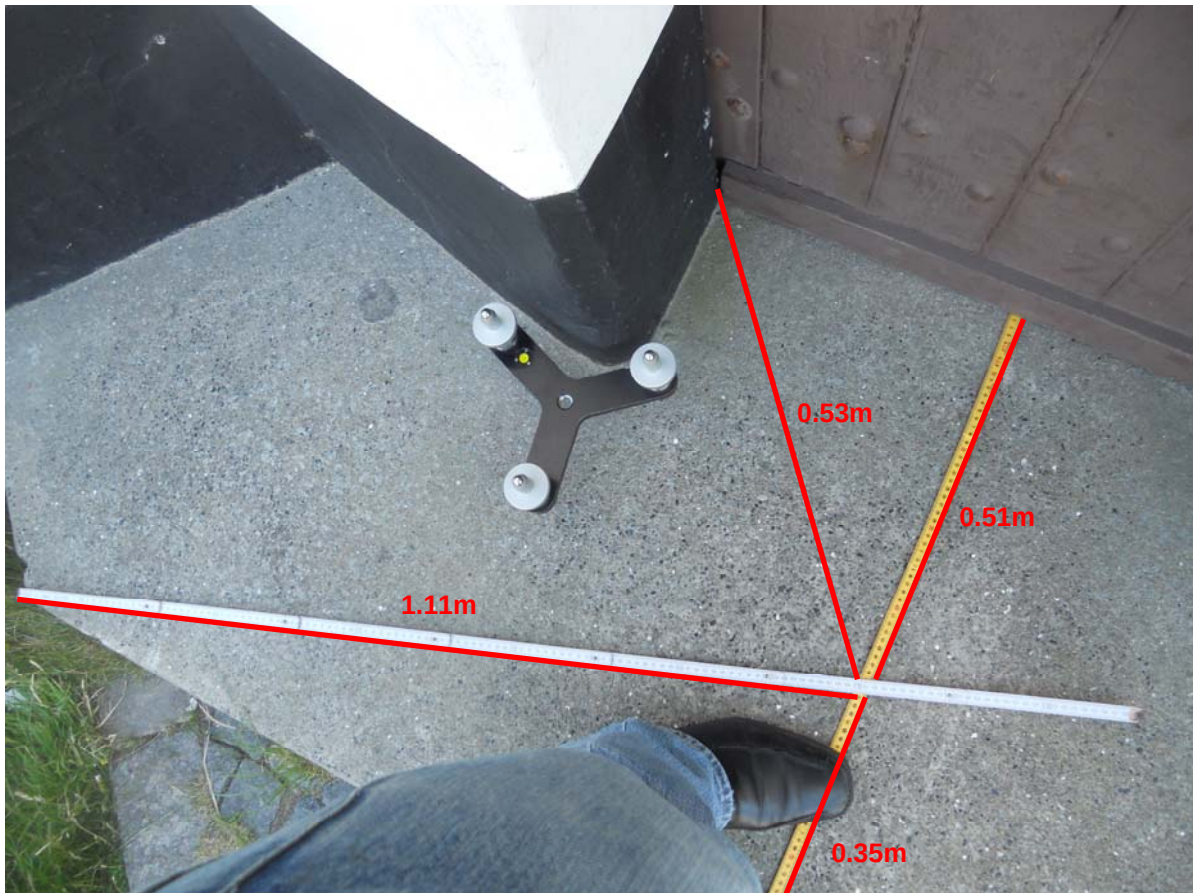
g [μ Gal] @ 0m:	981 731 792 +/- 11	dg/dh [μ Gal/m]:	-317.1
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Description:

Point at the entrance to the old lighthouse in Skagen. This is the Eccenter point in Skagen. First measured in June 2013.

The point is unmarked.





Absolute gravity point description.

Location/Code:	Slipshavn / SLIP				
Lat:	55.28742	Long:	10.82622	Height [m] (orto):	0.00

g [μ Gal] @ 0m:	981 541 017 +/- 11	dg/dh [μ Gal/m]:	-312.4
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Description:

Point at Slipshavn Hjemmeværnsskolen, Marinstationen, in the Motor Klasse building. First measured in November 2011 with the A10-020.

Point is unmarked.





Absolute gravity point description.

Location/Code:	Slipshavn Eccenter / SLIP_ECC				
Lat:	55.28799	Long:	10.82637	Height [m] (orto):	0.00

g [μ Gal] @ 0m:	981 541 057 +/- 11	dg/dh [μ Gal/m]:	-309.0
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Description:

Eccenter point at Slipshavn Hjemmeværnsskolen, Marinestationen. On door step, first measured in November 2011 with the A10-020.

Point is unmarked.





Absolute gravity point description.

Location/Code:	Smidstrup GNSS / SMID / 117-05-00811				
Lat:	55.64078	Long:	9.55927	Height [m] (orto):	79.11

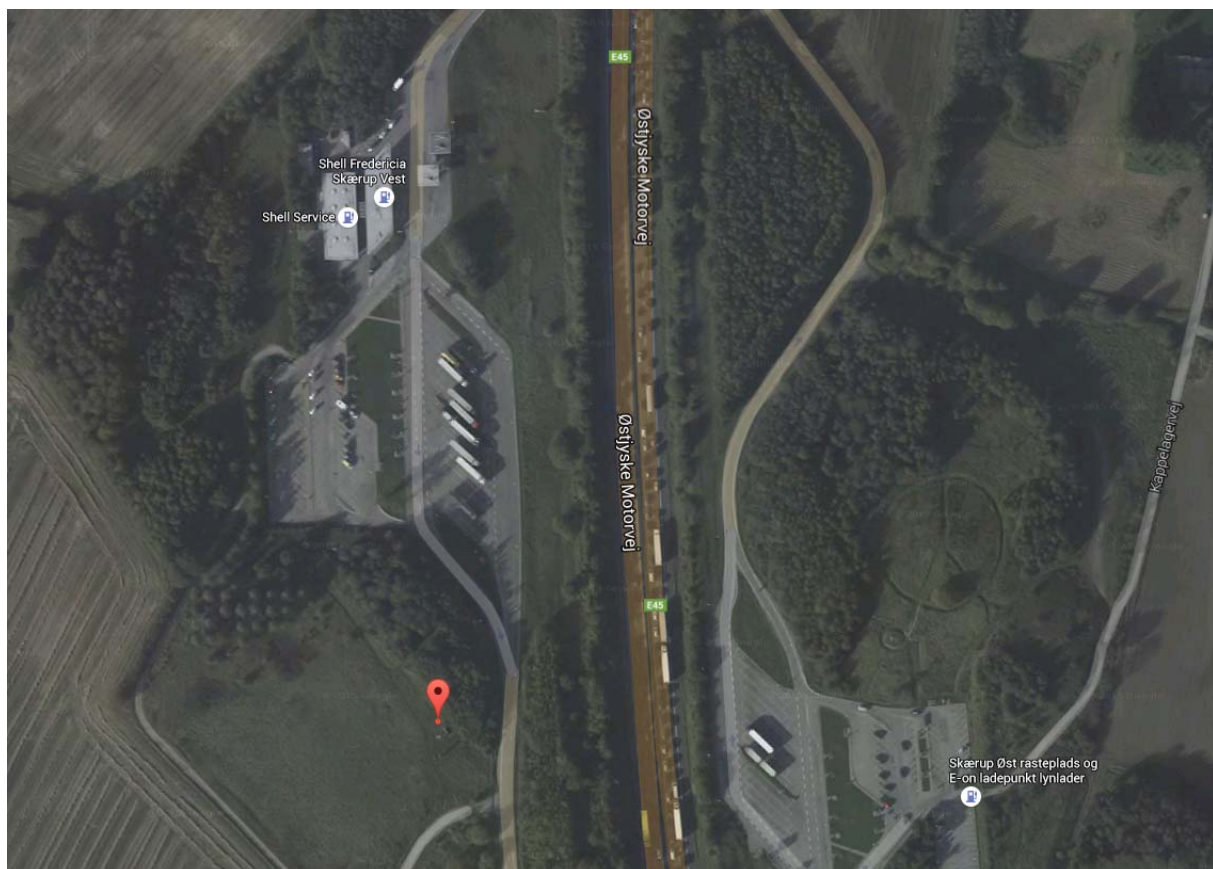
g [μ Gal] @ 0m:	981 557 250 +/- 11	dg/dh [μ Gal/m]:	-322.0
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Description:

Point at Smidstrup GNSS concrete pillar. First measured in June 2005 with the FG5-220. First measured with the A10-019 in July 2010.

Point is marked with a bolt.





Absolute gravity point description.

Location/Code:	Suldrup GNSS / SULD / 60-10-00009				
Lat:	56.84166	Long:	9.74214	Height [m] (orto):	76.82

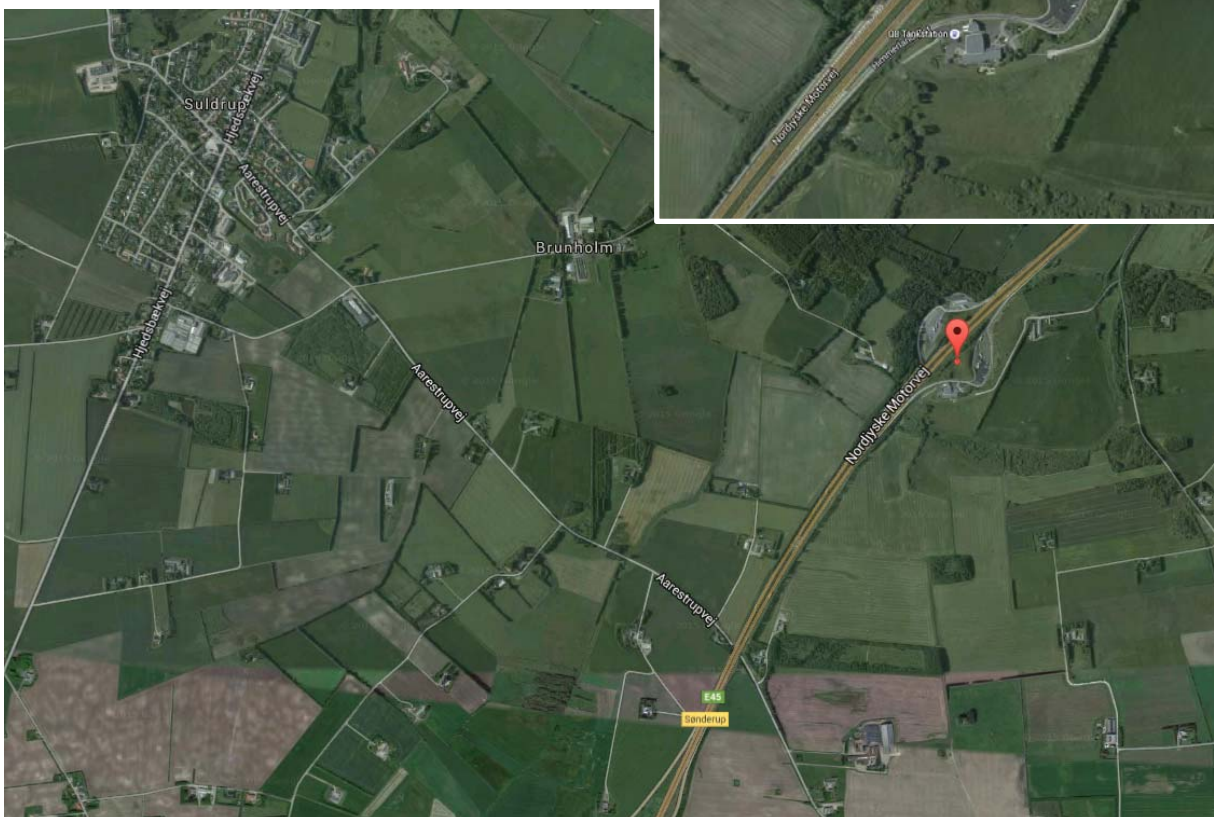
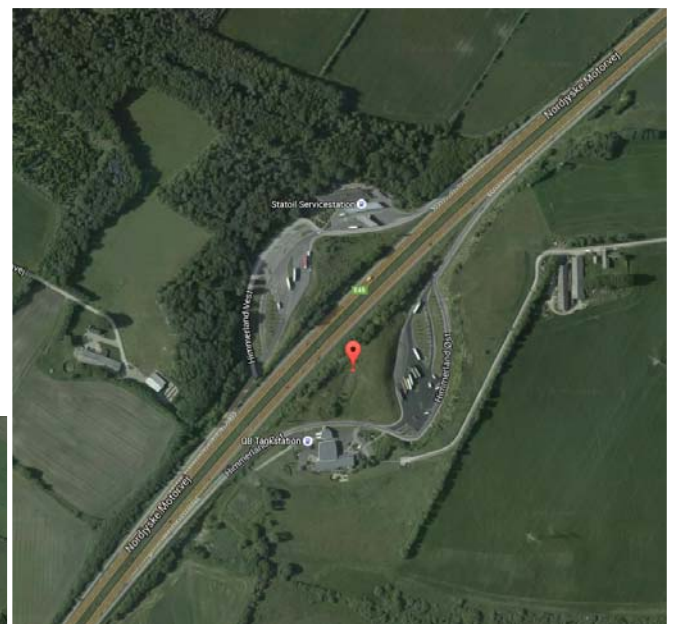
g [μ Gal] @ 0m:	981 638 686 +/- 11	dg/dh [μ Gal/m]:	-3.194
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Description:

Point at Suldrup GNSS site on concrete pillar next to hut. First measured with the FG5-220 in June 2005 and first with the A10-019 in July 2010.

Point is marked with a bolt.





Absolute gravity point description.

Location/Code:	Tejn GNSS / TGPS / 140-03-09103				
Lat:	55.24843	Long:	14.83934	Height [m] (orto):	3.32

g [μ Gal] @ 0m:	981 551 946 +/- 12	dg/dh [μ Gal/m]:	-283.6
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Description:
Point at the Tejn GNSS site. First measured with the A10-019 in June 2014.
Point is marked with a bolt.





Absolute gravity point description.

Location/Code:	Tejn / TRDH / 140-03-09095				
Lat:	55.24380	Long:	14.84730	Height [m] (orto):	17.68

g [μ Gal] @ 0m:	981 550 041 +/- 11	dg/dh [μ Gal/m]:	-266.0
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Description:

Point in the basement of Tejn town hall. First measured with the FG5-220 in October 2004, and first with the A10-019 in June 2014.

Point is marked with a plate.





Absolute gravity point description.

Location/Code:	Tolstrup Church / TOLS				
Lat:	55.92993	Long:	9.86892	Height [m] (orto):	41.71

g [μ Gal] @ 0m:	981 579 532 +/- 11	dg/dh [μ Gal/m]:	-305.2
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Description:

Point in the door of the entry to the Nave of Tolstrup Church. Gravity station number: 250. First measured with the A10-019 in June 2013.

Point is unmarked.





Absolute gravity point description.

Location/Code:	Tolstrup Church Eccenter / TOLS_ECC				
Lat:	55.92993	Long:	9.86892	Height [m] (orto):	41.71

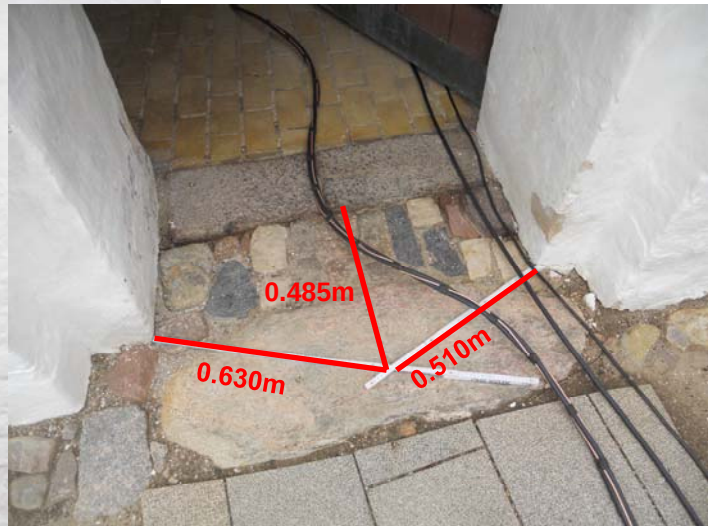
g [μ Gal] @ 0m:	981 579 542 +/- 11	dg/dh [μ Gal/m]:	-305.2
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Description:

Point at Tolstrup Church. Eccenter point located at the doorway to the entrance. First measured with the A10-019 in June 2013.

Point is unmarked.





Absolute gravity point description.

Location/Code:	Vestvolden / VVOL / 2-04-09193				
Lat:	55.68789	Long:	12.43490	Height [m] (orto):	18.32

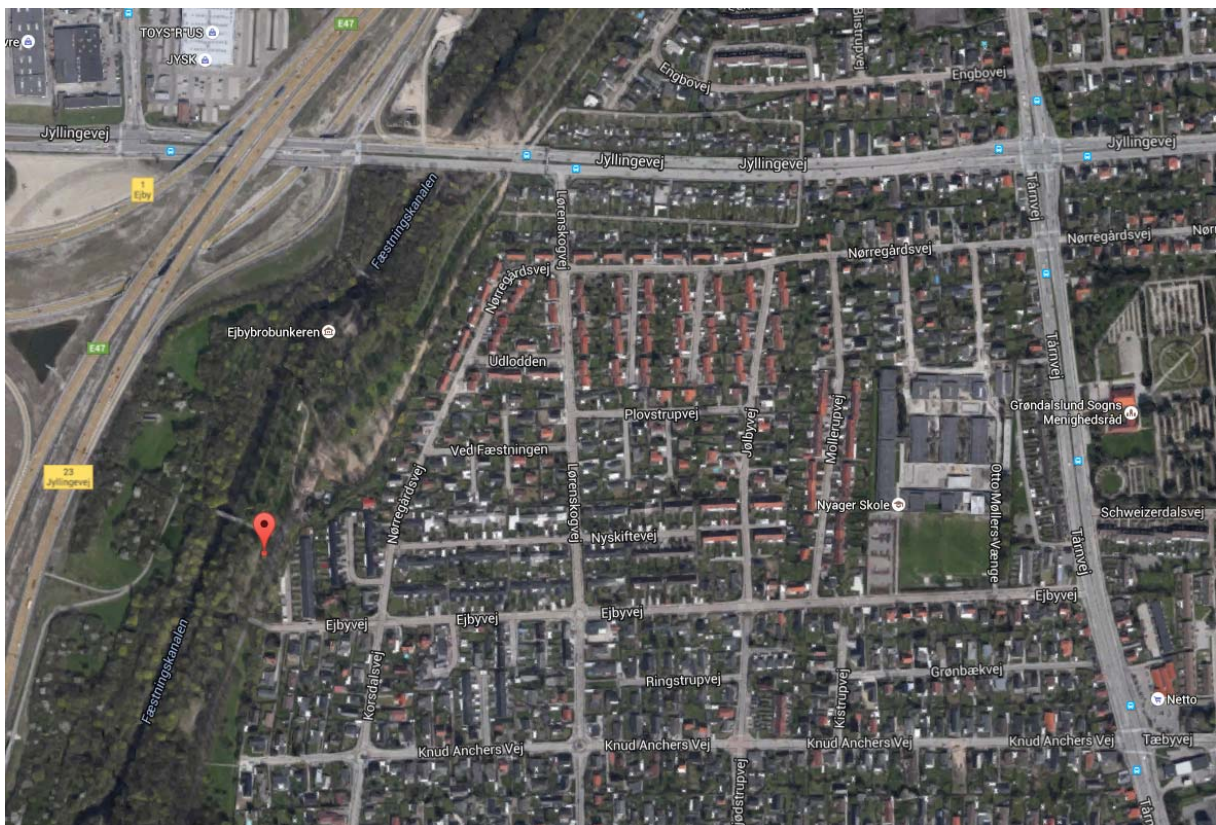
g [μ Gal] @ 0m:	981 547 612 +/- 11	dg/dh [μ Gal/m]:	-283.0
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Description:

Point in old bunker named Vestvolden in the Copenhagen region. First measured with FG5-220 in June 2003 and with the A10-019 in August 2008.

Point is marked with bolt.





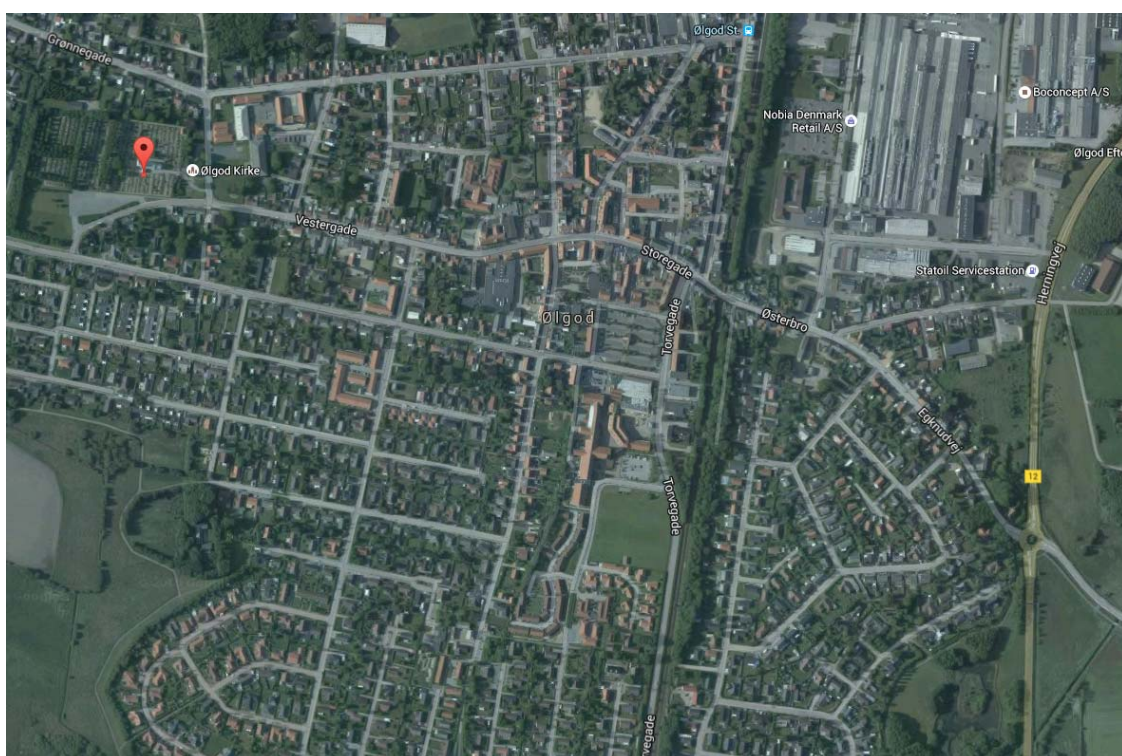
Absolute gravity point description.

Location/Code:	Ølgod Church / OLKR / 234				
Lat:	55.80915	Long:	8.60883	Height [m] (orto):	43.08

g [μ Gal] @ 0m:	981 580 509 +/- 11	dg/dh [μ Gal/m]:	-296.4
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Description:
Point in the entry of Ølgod Church. The point is under the entrance mat. Gravity station number: 234.
Point is marked with a bolt.





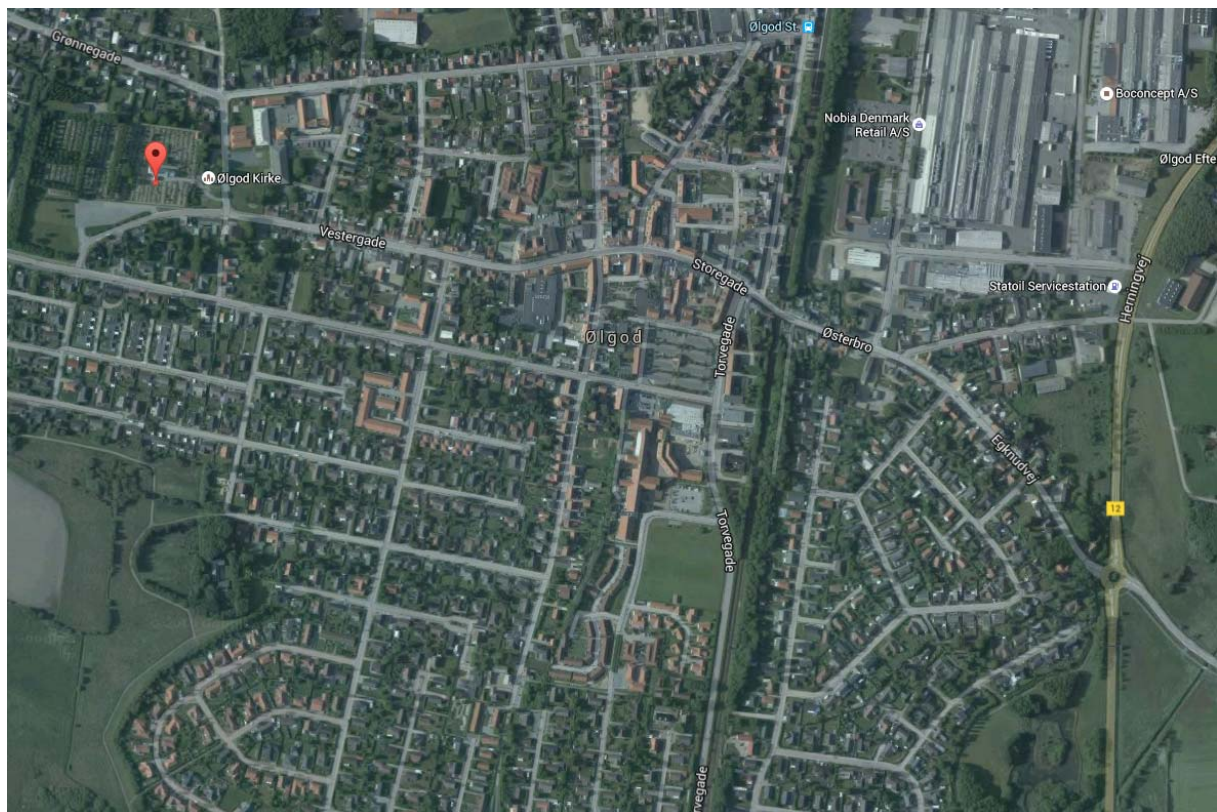
Absolute gravity point description.

Location/Code:	Ølgod Church / OLKR_ECC				
Lat:	55.80915	Long:	8.60883	Height [m] (orto):	43.08

g [μ Gal] @ 0m:	981 580 524 +/- 11	dg/dh [μ Gal/m]:	-310.8
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Description:
Point outside the entry to Ølgod Church on the granite steps.
Point is unmarked.





Absolute gravity point description.

Location/Code:	Aarhus Cathedral / AADK				
Lat:	56.15679	Long:	10.21138	Height [m] (orto):	5.60

g [μ Gal] @ 0m:	981 622 189 +/- 11	dg/dh [μ Gal/m]:	-284.7
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Description:
Point on the east side of Aarhus Cathedral. First measured in June 2013.
Point is unmarked.





Absolute gravity point description.

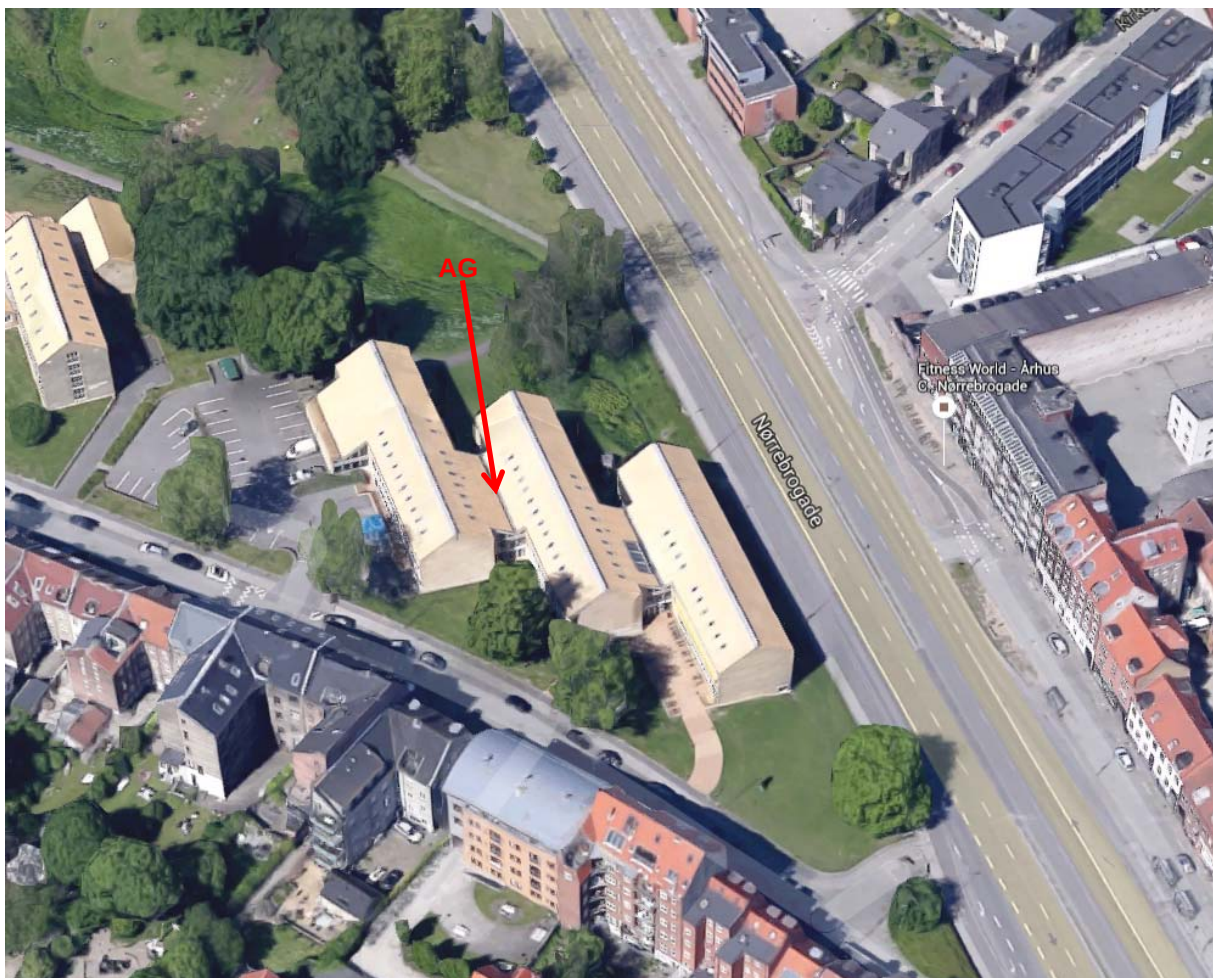
Location/Code:	Aarhus University / AAUN				
Lat:	56.16336	Long:	10.20934	Height [m] (orto):	15.00

g [μ Gal] @ 0m:	981 620 884 +/- 11	dg/dh [μ Gal/m]:	-277.0
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Description:

Point in the basement of the Geology Institute at Aarhus University. First measured in June 2013.

Point is marked with a bolt.



D Danish measurements 2003-2017

Denmark

Location	Code	Lat. [°]	Long. [°]	Elev. [m]	dg/dz [$\mu\text{Gal}/\text{m}$]
Instrument	Date	g @ 0m [μGal]	g @ h [μGal]	h [m]	#drops
Anholt	ANHT	56.70349	11.54428	10.00	-301.0
A10-019	20171120	981660961 $\pm$ 12	981660745 $\pm$ 12	0.718	480
A10-019	20171120	981660974 $\pm$ 11	981660758 $\pm$ 11	0.718	720
DTU Space	DTUS	55.783235	12.515995	61.41	-286.1
A10-019	20120802	981545984 $\pm$ 11	981545779 $\pm$ 11	0.718	1200
A10-019	20130618	981545980 $\pm$ 11	981545775 $\pm$ 11	0.718	1200
A10-019	20130927	981545987 $\pm$ 11	981545782 $\pm$ 11	0.718	5600
FG5-233	20130127	981545989 $\pm$ 02	981545646 $\pm$ 02	1.200	2600
A10-019	20140312	981545973 $\pm$ 11	981545768 $\pm$ 11	0.718	8400
A10-019	20151008	981545977 $\pm$ 11	981545772 $\pm$ 11	0.718	3600
A10-019	20160914	981545974 $\pm$ 11	981545769 $\pm$ 11	0.718	13477
A10-019	20170223	981545962 $\pm$ 11	981545757 $\pm$ 11	0.718	2750
FG5X-233	20170220	981545973 $\pm$ 02	981545630 $\pm$ 02	1.200	1192
FG5X-233	20170221	981545972 $\pm$ 02	981545629 $\pm$ 02	1.200	1191
A10-019	20170918	981545980 $\pm$ 11	981545775 $\pm$ 11	0.718	15610
Døstrup	DRKR	55.11492	8.79925	3.00	-288.9
A10-019	20101011	981532994 $\pm$ 11	981532787 $\pm$ 11	0.718	600
A10-019	20101011	981532999 $\pm$ 11	981532791 $\pm$ 11	0.718	600
A10-002	20101011	981532998 $\pm$ 11	981532791 $\pm$ 11	0.718	600
A10-002	20101011	981532978 $\pm$ 11	981532771 $\pm$ 11	0.718	600
Døstrup	DRKR_ECC	55.11492	8.79925	3.00	-302.1
A10-019	20101011	981533000 $\pm$ 11	981532756 $\pm$ 11	0.808	600
A10-019	20101011	981532999 $\pm$ 11	981532754 $\pm$ 11	0.815	600
Esbjerg (GNSS)	ESBG	55.49355	8.45675	14.89	-310.0
A10-019	20091119	981556018 $\pm$ 11	981555795 $\pm$ 11	0.718	600
A10-019	20091119	981556019 $\pm$ 15	981555796 $\pm$ 15	0.718	600
A10-019	20131001	981555999 $\pm$ 11	981555776 $\pm$ 11	0.718	1200
A10-019	20131001	981555999 $\pm$ 11	981555776 $\pm$ 11	0.718	960
A10-019	20160928	981555991 $\pm$ 11	981555762 $\pm$ 11	0.718	720
A10-019	20160928	981555998 $\pm$ 11	981555769 $\pm$ 11	0.718	720
Esbjerg Airport	ESBG_AIR	55.52216	8.54788	69.44	-305.9
A10-019	20091119	981555483 $\pm$ 13	981555263 $\pm$ 13	0.718	600
A10-019	20091119	981555480 $\pm$ 17	981555261 $\pm$ 17	0.718	600
Ferring (GNSS)	FERG	56.52302	8.11823	23.07	-322.0
A10-019	20100721	981637694 $\pm$ 11	981637463 $\pm$ 11	0.718	1000
A10-019	20100721	981637687 $\pm$ 11	981637456 $\pm$ 11	0.718	1000
A10-019	20130930	981637698 $\pm$ 11	981637467 $\pm$ 11	0.718	1200
A10-019	20130930	981637693 $\pm$ 11	981637462 $\pm$ 11	0.718	720
A10-019	20151014	981637708 $\pm$ 13	981637477 $\pm$ 13	0.718	960
A10-019	20151014	981637699 $\pm$ 11	981637468 $\pm$ 11	0.718	720
Fredericia	FRDK	55.56454	9.75292	11.00	-307.5
A10-019	20101216	981564262 $\pm$ 11	981564041 $\pm$ 11	0.718	800
A10-019	20101216	981564272 $\pm$ 11	981564051 $\pm$ 11	0.718	600
Fredericia	FRDK_ECC	55.56488	9.75352	11.00	-293.0
A10-019	20101010	981564545 $\pm$ 11	981564335 $\pm$ 11	0.718	600
A10-019	20101010	981564543 $\pm$ 11	981564332 $\pm$ 11	0.718	600

Denmark

Location	Code	Lat. [°]	Long. [°]	Elev. [m]	dg/dz [$\mu\text{Gal}/\text{m}$]
Instrument	Date	g @ 0m [μGal]	g @ h [μGal]	h [m]	#drops
Frederikshavn	FRHV	57.44077	10.53810	22.00	-224.2
A10-019	20130624	981724011 $\pm$ 11	981723850 $\pm$ 11	0.718	1200
A10-019	20130624	981724008 $\pm$ 11	981723847 $\pm$ 11	0.718	1200
A10-019	20151015	981724013 $\pm$ 11	981723852 $\pm$ 11	0.718	960
A10-019	20151015	981724014 $\pm$ 11	981723853 $\pm$ 11	0.718	720
Frederikshavn	FRHV_ECC	57.45047	10.53459	11.00	-293.6
A10-019	20130624	981722003 $\pm$ 11	981721792 $\pm$ 11	0.718	720
A10-019	20130624	981721981 $\pm$ 11	981721770 $\pm$ 11	0.718	720
A10-019	20130624	981721979 $\pm$ 11	981721768 $\pm$ 11	0.718	720
Fynshav	FYNS	54.98566	9.97702	11.00	-295.4
A10-019	20101010	981516989 $\pm$ 11	981516777 $\pm$ 11	0.718	600
A10-019	20101010	981516994 $\pm$ 11	981516781 $\pm$ 11	0.718	600
A10-019	20130619	981516994 $\pm$ 11	981516782 $\pm$ 11	0.718	800
A10-019	20130619	981516990 $\pm$ 11	981516778 $\pm$ 11	0.718	600
Fynshav	FYNH_ECC	54.98601	9.97692	11.00	-319.5
A10-019	20101010	981516790 $\pm$ 11	981516560 $\pm$ 11	0.718	600
A10-019	20101010	981516797 $\pm$ 11	981516568 $\pm$ 11	0.718	600
Fynshav (GNSS)	FYNH	54.99365	9.98624	2.17	-316.3
A10-019	20131002	981525155 $\pm$ 11	981524928 $\pm$ 11	0.718	1440
A10-019	20160928	981525115 $\pm$ 15	981524888 $\pm$ 15	0.718	480
Gedser (GNSS)	GEDS	54.57443	11.92289	2.20	-310.7
FG5-101	20060805	981471688 $\pm$ 07	981471300 $\pm$ 07	1.250	7200
A10-019	20090528	981471692 $\pm$ 15	981471469 $\pm$ 15	0.718	600
A10-019	20090528	981471697 $\pm$ 11	981471474 $\pm$ 11	0.718	1200
A10-020	20111125	981471671 $\pm$ 15	981471448 $\pm$ 15	0.7175	960
A10-019	20150127	981471698 $\pm$ 11	981471475 $\pm$ 11	0.718	720
A10-019	20150127	981471701 $\pm$ 11	981471478 $\pm$ 11	0.718	960
A10-019	20170517	981471678 $\pm$ 11	981471456 $\pm$ 11	0.718	1192
A10-019	20170517	981471684 $\pm$ 11	981471461 $\pm$ 11	0.718	1191
Havneby (GNSS)	HVBY	55.97188	11.35535	21.35	-300.1
A10-019	20100415	981577412 $\pm$ 11	981577196 $\pm$ 11	0.718	800
A10-019	20100415	981577410 $\pm$ 11	981577194 $\pm$ 11	0.718	600
A10-019	20111007	981577408 $\pm$ 12	981577193 $\pm$ 12	0.718	800
A10-019	20111007	981577415 $\pm$ 11	981577200 $\pm$ 11	0.718	800
A10-019	20120415	981577408 $\pm$ 11	981577193 $\pm$ 11	0.718	800
A10-019	20120415	981577411 $\pm$ 11	981577195 $\pm$ 11	0.718	600
A10-019	20150128	981577416 $\pm$ 11	981577201 $\pm$ 11	0.718	717
A10-019	20150128	981577421 $\pm$ 11	981577206 $\pm$ 11	0.718	960
A10-019	20171121	981577401 $\pm$ 11	981577186 $\pm$ 11	0.718	600
Helsingør	HELS	56.04495	12.57884	31.97	-265.0
FG5-220	20030607	981580391 $\pm$ 03	981580073 $\pm$ 03	1.200	2088
FG5-220	20050618	981580392 $\pm$ 03	981580077 $\pm$ 03	1.200	2600
A10-019	20080808	981580397 $\pm$ 11	981580209 $\pm$ 11	0.710	600
A10-020	20111123	981580395 $\pm$ 11	981580205 $\pm$ 11	0.7175	960
A10-020	20111123	981580388 $\pm$ 11	981580198 $\pm$ 11	0.7175	960
A10-019	20141218	981580382 $\pm$ 11	981580192 $\pm$ 11	0.718	960
A10-019	20141218	981580393 $\pm$ 11	981580203 $\pm$ 11	0.718	960
A10-019	20170613	981580383 $\pm$ 11	981580195 $\pm$ 11	0.718	1194
A10-019	20170613	981580392 $\pm$ 11	981580202 $\pm$ 11	0.718	1155
Helsingør	HELS_ECC	56.03333	12.58952	30.26	-304.5
A10-020	20111124	981579102 $\pm$ 11	981578884 $\pm$ 11	0.7175	960
A10-020	20111124	981579095 $\pm$ 11	981578877 $\pm$ 11	0.7175	960

Denmark

Location	Code	Lat. [°]	Long. [°]	Elev. [m]	dg/dz [$\mu\text{Gal}/\text{m}$]
Instrument	Date	g @ 0m [μGal]	g @ h [μGal]	h [m]	#drops
Hirtshals	HIKR	57.58730	9.96299	20.00	-223.4
A10-019	20130626	981722218 $\pm$ 11	981722058 $\pm$ 11	0.718	960
A10-019	20130626	981722221 $\pm$ 11	981722061 $\pm$ 11	0.718	720
A10-019	20151015	981722225 $\pm$ 11	981722066 $\pm$ 11	0.718	960
Hirtshals	HIKR_ECC	57.58730	9.96299	20.00	-323.7
A10-019	20130626	981722311 $\pm$ 11	981722079 $\pm$ 11	0.718	960
A10-019	20130626	981722312 $\pm$ 11	981722080 $\pm$ 11	0.718	720
Højer	HJKR	54.96460	8.69902	2.00	-293.9
A10-019	20101011	981509161 $\pm$ 11	981508950 $\pm$ 11	0.718	600
A10-019	20101011	981509156 $\pm$ 11	981508945 $\pm$ 11	0.718	600
A10-002	20101011	981509154 $\pm$ 11	981508943 $\pm$ 11	0.718	600
A10-002	20101011	981509153 $\pm$ 11	981508942 $\pm$ 11	0.718	600
A10-019	20130620	981509150 $\pm$ 11	981508939 $\pm$ 11	0.718	600
A10-019	20130620	981509160 $\pm$ 11	981508949 $\pm$ 11	0.718	800
A10-019	20160928	981509132 $\pm$ 30	981508921 $\pm$ 30	0.718	600
A10-019	20160928	981509138 $\pm$ 23	981508927 $\pm$ 23	0.718	600
Højer	HJKR_ECC	54.96460	8.69902	2.00	-306.3
A10-019	20101011	981509114 $\pm$ 11	981508894 $\pm$ 11	0.718	800
A10-019	20101011	981509122 $\pm$ 11	981508903 $\pm$ 11	0.718	600
Korsør	KORS	55.33014	11.13628	0.00	-304.3
A10-020	20111124	981533432 $\pm$ 11	981533214 $\pm$ 11	0.7175	960
A10-020	20111124	981533422 $\pm$ 11	981533204 $\pm$ 11	0.7175	960
Nexø	NEXO	55.06081	15.13239	2.75	-304.5
A10-020	20111122	981543244 $\pm$ 11	981543026 $\pm$ 11	0.7175	960
A10-020	20111122	981543241 $\pm$ 11	981543023 $\pm$ 11	0.7175	960
Nexø	NEXO_ECC	55.06061	15.13217	0.00	-289.8
A10-020	20111122	981543306 $\pm$ 11	981543098 $\pm$ 11	0.7175	960
A10-020	20111122	981543287 $\pm$ 11	981543079 $\pm$ 11	0.7175	960
Ølgod	OLKR	55.80915	8.60883	43.08	-296.4
A10-019	20130627	981580498 $\pm$ 11	981580285 $\pm$ 11	0.718	1200
A10-019	20130627	981580519 $\pm$ 11	981580306 $\pm$ 11	0.718	720
A10-019	20130627	981580509 $\pm$ 11	981580296 $\pm$ 11	0.718	720
Ølgod	OLKR_ECC	55.80915	8.60883	43.08	-310.8
A10-019	20130627	981580520 $\pm$ 11	981580297 $\pm$ 11	0.718	720
A10-019	20130627	981580528 $\pm$ 11	981580305 $\pm$ 11	0.718	720
Rødbyhavn	RDBH	54.66547	11.35975	0.00	-234.7
A10-020	20111125	981480718 $\pm$ 11	981480550 $\pm$ 11	0.7175	960
A10-020	20111125	981480723 $\pm$ 11	981480555 $\pm$ 11	0.7175	960
A10-019	20150127	981480672 $\pm$ 19	981480504 $\pm$ 19	0.718	480
A10-019	20150127	981480677 $\pm$ 11	981480509 $\pm$ 11	0.718	720
Rødbyhavn	RDBH_ECC	54.66667	11.36175	0.00	-308.2
A10-020	20111125	981481131 $\pm$ 11	981480909 $\pm$ 11	0.7175	960
A10-020	20111125	981481133 $\pm$ 11	981480911 $\pm$ 11	0.7175	960

Denmark

Location	Code	Lat. [°]	Long. [°]	Elev. [m]	dg/dz [$\mu\text{Gal}/\text{m}$]
Instrument	Date	g @ 0m [μGal]	g @ h [μGal]	h [m]	#drops
Rønne	RONN	55.09910	14.69772	12.00	-302.1
A10-019	20101011	981517207 $\pm$ 14	981516992 $\pm$ 14	0.710	600
A10-019	20101011	981517222 $\pm$ 14	981517007 $\pm$ 14	0.710	1200
A10-020	20111121	981517204 $\pm$ 11	981516987 $\pm$ 11	0.7175	960
A10-020	20111121	981517210 $\pm$ 11	981516993 $\pm$ 11	0.7175	960
A10-020	20111122	981517193 $\pm$ 11	981516976 $\pm$ 11	0.7175	960
A10-020	20111122	981517203 $\pm$ 11	981516986 $\pm$ 11	0.7175	960
A10-019	20140618	981517198 $\pm$ 12	981516981 $\pm$ 12	0.718	960
A10-019	20140618	981517200 $\pm$ 12	981516983 $\pm$ 12	0.718	960
Skagen	SKKR	57.72140	10.58505	27.00	-304.3
A10-019	20130625	981731606 $\pm$ 11	981731387 $\pm$ 11	0.718	1200
A10-019	20130625	981731602 $\pm$ 11	981731383 $\pm$ 11	0.718	1200
A10-019	20151015	981731594 $\pm$ 13	981731375 $\pm$ 13	0.718	960
A10-019	20151015	981731599 $\pm$ 13	981731380 $\pm$ 13	0.718	720
Skagen	SKGF	57.72912	10.60663	1.00	-317.1
A10-019	20130625	981731779 $\pm$ 11	981731551 $\pm$ 11	0.718	1200
A10-019	20130625	981731797 $\pm$ 11	981731569 $\pm$ 11	0.718	1200
A10-019	20130625	981731801 $\pm$ 11	981731573 $\pm$ 11	0.718	720
Slipshavn	SLIP	55.28742	10.82622	0.00	-312.4
A10-020	20111124	981541037 $\pm$ 11	981540813 $\pm$ 11	0.7175	960
A10-020	20111124	981541017 $\pm$ 11	981540793 $\pm$ 11	0.7175	960
A10-020	20111124	981541013 $\pm$ 11	981540789 $\pm$ 11	0.7175	960
Slipshavn	SLIP_ECC	55.28799	10.82637	0.00	-309.0
A10-020	20111124	981541054 $\pm$ 11	981540832 $\pm$ 11	0.7175	960
A10-020	20111124	981541060 $\pm$ 11	981540838 $\pm$ 11	0.7175	960
Smidstrup (GNSS)	SMID	55.64078	9.55927	79.11	-322.0
FG5-220	20051006	981557265 $\pm$ 04	981556879 $\pm$ 04	1.200	2650
A10-019	20100722	981557239 $\pm$ 11	981557008 $\pm$ 11	0.718	1000
A10-019	20100722	981557246 $\pm$ 11	981557015 $\pm$ 11	0.718	1000
A10-019	20131001	981557249 $\pm$ 11	981557018 $\pm$ 11	0.718	1200
A10-019	20131001	981557254 $\pm$ 11	981557023 $\pm$ 11	0.718	960
Suldrup (GNSS)	SULD	56.84166	9.74214	76.82	-319.4
FG5-220	20050615	981638693 $\pm$ 04	981638310 $\pm$ 04	1.200	3200
A10-019	20100723	981638679 $\pm$ 11	981638450 $\pm$ 11	0.718	1000
A10-019	20100723	981638683 $\pm$ 11	981638454 $\pm$ 11	0.718	1000
A10-019	20130930	981638680 $\pm$ 11	981638451 $\pm$ 11	0.718	960
A10-019	20130930	981638679 $\pm$ 11	981638450 $\pm$ 11	0.718	960
A10-019	20151016	981638702 $\pm$ 11	981638473 $\pm$ 11	0.718	960
A10-019	20151016	981638695 $\pm$ 11	981638466 $\pm$ 11	0.718	960
Tejn (GNSS)	TGPS	55.24843	14.83934	3.32	-283.6
A10-020	20111121	981551938 $\pm$ 11	981551701 $\pm$ 11	0.8345	960
A10-020	20111121	981551940 $\pm$ 11	981551702 $\pm$ 11	0.8345	960
A10-019	20140618	981551935 $\pm$ 12	981551731 $\pm$ 12	0.718	960
A10-019	20140618	981551939 $\pm$ 11	981551735 $\pm$ 11	0.718	720

Denmark

Location	Code	Lat. [°]	Long. [°]	Elev. [m]	dg/dz [$\mu\text{Gal}/\text{m}$]
Instrument	Date	g @ 0m [μGal]	g @ h [μGal]	h [m]	#drops
Tejn	TRDH	55.24380	14.84730	15.00	-266.0
FG5-220	20041020	981550037 $\pm$ 03	981549718 $\pm$ 03	1.200	2099
FG5-101	20060801	981550036 $\pm$ 02	981549703 $\pm$ 02	1.250	7200
FG5-233	20081007	981550042 $\pm$ 02	981549723 $\pm$ 02	1.200	2400
FG5-233	20100521	981550045 $\pm$ 02	981549726 $\pm$ 02	1.200	2400
A10-020	20111121	981550024 $\pm$ 11	981549802 $\pm$ 11	0.8325	960
A10-020	20111121	981550020 $\pm$ 11	981549798 $\pm$ 11	0.8325	960
A10-019	20140618	981550028 $\pm$ 11	981549837 $\pm$ 11	0.718	7680
A10-019	20140618	981550037 $\pm$ 11	981549846 $\pm$ 11	0.718	7200
FG5X-233	20170224	981550034 $\pm$ 02	981549714 $\pm$ 02	1.200	1145
FG5X-233	20170225	981550034 $\pm$ 02	981549715 $\pm$ 02	1.200	1097
Tolstrup	TOLS	55.92993	9.86892	41.71	-305.2
A10-019	20130628	981579533 $\pm$ 11	981579314 $\pm$ 11	0.718	960
A10-019	20130628	981579530 $\pm$ 11	981579311 $\pm$ 11	0.718	720
Tolstrup	TOLS_ECC	55.92993	9.86892	41.71	-305.2
A10-019	20130628	981579544 $\pm$ 11	981579325 $\pm$ 11	0.718	960
A10-019	20130628	981579540 $\pm$ 11	981579321 $\pm$ 11	0.718	720
Vestvolden	VVOL	55.68789	12.43490	18.32	-283.0
FG5-220	20030605	981547619 $\pm$ 03	981547279 $\pm$ 03	1.200	1296
FG5-220	20041017	981547617 $\pm$ 03	981547278 $\pm$ 03	1.200	2096
FG5-220	20051015	981547617 $\pm$ 03	981547278 $\pm$ 03	1.200	2698
FG5-220	20070503	981547619 $\pm$ 03	981547280 $\pm$ 03	1.200	2395
FG5-220	20071009	981547619 $\pm$ 03	981547280 $\pm$ 03	1.200	2197
FG5-220	20080824	981547615 $\pm$ 02	981547275 $\pm$ 03	1.200	2900
A10-019	20080808	981547618 $\pm$ 11	981547417 $\pm$ 11	0.710	600
FG5-220	20100414	981547617 $\pm$ 02	981547277 $\pm$ 02	1.200	2200
A10-019	20100419	981547605 $\pm$ 11	981547404 $\pm$ 11	0.718	3200
A10-019	20100420	981547614 $\pm$ 11	981547413 $\pm$ 11	0.718	3000
A10-019	20100420	981547612 $\pm$ 11	981547411 $\pm$ 11	0.718	800
A10-020	20111123	981547608 $\pm$ 11	981547371 $\pm$ 11	0.8385	800
A10-020	20111123	981547607 $\pm$ 11	981547370 $\pm$ 11	0.8385	800
A10-019	20140617	981547616 $\pm$ 11	981547415 $\pm$ 11	0.718	7680
A10-019	20170516	981547614 $\pm$ 11	981547411 $\pm$ 11	0.718	11100
Aarhus Cathedral	AADK	56.15679	10.21138	5.60	-284.7
A10-019	20130620	981622162 $\pm$ 11	981621933 $\pm$ 11	0.804	1440
A10-019	20130620	981622215 $\pm$ 11	981621985 $\pm$ 11	0.809	720
Aarhus University	AAUN	56.16336	10.20934	15.00	-277.0
A10-019	20130621	981620883 $\pm$ 11	981620684 $\pm$ 11	0.718	1440
A10-019	20130621	981620881 $\pm$ 11	981620682 $\pm$ 11	0.718	1440

E Greenlandic sites - map



Figure 4: Location of absolute gravity sites in Greenland.

F Greenlandic point descriptions

On the following pages are the point descriptions of the absolute points in Greenland. They are arranged as presented in the table below. For sites where the gradient is undetermined is the free-air gradient of $-308.6\mu\text{Gal}/m$ used and written with *italic* in the table.

Location	Code	Lat. [°]	Long. [°]	Elev. [m]	dg/dz [$\mu\text{Gal}/m$]
Aasiaat Airport	AASA	68.72000	-52.79200	19.00	-260.0
Astrup Kystland (GNET)	ASKY	75.72613	-58.25735	687.30	-308.6
Constable Pynt	CNPT	70.74380	-22.64613	14.00	-298.0
Daneborg	DANE	74.30892	-20.22808	10.00	-283.8
Daneborg	DNBG	74.30669	-20.22664	4.00	-308.6
Danmarkshavn (GNET)	DKHV	76.77107	-18.65567	53.44	-296.8
Daugaard Jensen Gletscher (GNET)	DGJG	71.78653	-29.85020	1494.14	-308.6
Hamberg Gletscher	HMBG	73.67611	-28.12907	1322.92	-308.6
Helheim Gletscher	HEL1	66.38583	-38.11488	204.00	-308.6
Helheim Gletscher (GNET)	HEL2	66.40117	-38.21567	424.00	-308.6
Hjørnefjeldet (GNET)	HJOR	63.41833	-41.14778	763.00	-308.6
Ilulissat Airport	ILUL	69.24104	-51.06605	14.00	-292.0
Isortoq (GNET)	ISOR	65.54662	-38.97463	83.00	-308.6
Kangerlussuaq	SFJ1	67.15347	-50.06106	502.00	-333.0
Kangia (GNET)	KAGA	69.22222	-49.81611	149.00	-308.6
Kap Agassiz (GNET)	KAGZ	79.13196	-65.85295	86.54	-308.6
Kapisilit (GNET)	KAPI	64.43231	-50.27164	70.00	-378.5
Kellyville	KELY	66.98711	-50.94250	195.00	-331.6
Køge Bugt (GNET)	KBUG	65.14367	-41.15750	291.00	-308.6
Kulusuk (GNET)	KULU	65.57759	-37.15632	14.00	-308.6
Kulusuk Airport	KULA	65.57457	-37.13368	17.00	-308.6
Lynæs (GNET)	LYNS	64.43050	-40.19817	174.00	-308.6
Marie Gletscher (GNET)	MARG	77.18704	-65.69462	670.57	-308.6
Mestersvig (GNET)	MSVG	72.24082	-23.91286	88.16	-308.6
Mestersvig Terminal	MSVT	72.23455	-23.91563	2.00	-308.6
Narsarsuaq Airport	NARA	61.16250	-45.41644	27.00	-306.8
Nuuk (Town hall)	NUUK	64.17783	-51.74033	23.10	-284.4
Pilappik (GNET)	PLPK	66.89778	-34.03333	122.00	-308.6
Qasigiannnguit	QASI	68.80117	-50.46297	502.40	-308.6
Qaarsut Airport	QARA	70.73220	-52.69672	60.00	-308.6
Qaarsut (GNET)	QAAR	70.74042	-52.68829	20.00	-308.6
Qeqertarsuaq (GNET)	GODH	69.25240	-53.52100	18.00	-273.2
Rink Isbræ(GNET)	RINK	71.84850	-50.99397	1337.82	-308.6
Scorsbysund Heliport	SCBY	70.48775	-21.97176	80.00	-427.6
Sisimiut ARTEK	SIAR	66.93414	-53.66046	38.00	-272.8
Sisimiut Airport	SISA	66.95203	-53.72211	17.00	-292.0
Station Nord	NORD	81.59767	-16.66133	45.00	-279.0
Tasiilaq Airport	TAS1	65.61217	-37.61950	9.00	-376.0
Tasiilaq Airport	TAS2	65.61217	-37.61950	9.00	-340.6

Location	Code	Lat. [°]	Long. [°]	Elev. [m]	dg/dz [$\mu\text{Gal}/\text{m}$]
Thule	TAB1	76.53833	-68.80167	26.85	-308.6
Thule	TAB2	76.53792	-68.79672	26.91	-308.6
Thule (GNET)	THU3	76.53704	-68.82495	21.00	-398.9
Thule - Camp Tuto	TUTO	76.43077	-68.33957	490.00	-308.6
Timmiarmiut	TIMM	62.53556	-42.28611	313.00	-308.6
Trefoldighedens Ø (GNET)	TREO	64.27694	-41.37500	122.00	-308.6
Upernavik Airport	UPAI	72.78689	-56.12922	95.00	-308.6
Vestfjord Gletscher (GNET)	VFDG	70.29922	-29.81764	1293.50	-308.6
Waltershausen Gletscher (GNET)	WTHG	73.95528	-24.30889	1109.89	-308.6
Øvre Timmiarmiut (GNET)	UTMG	62.92722	-43.30639	1471.00	-308.6

Absolute gravity point description.

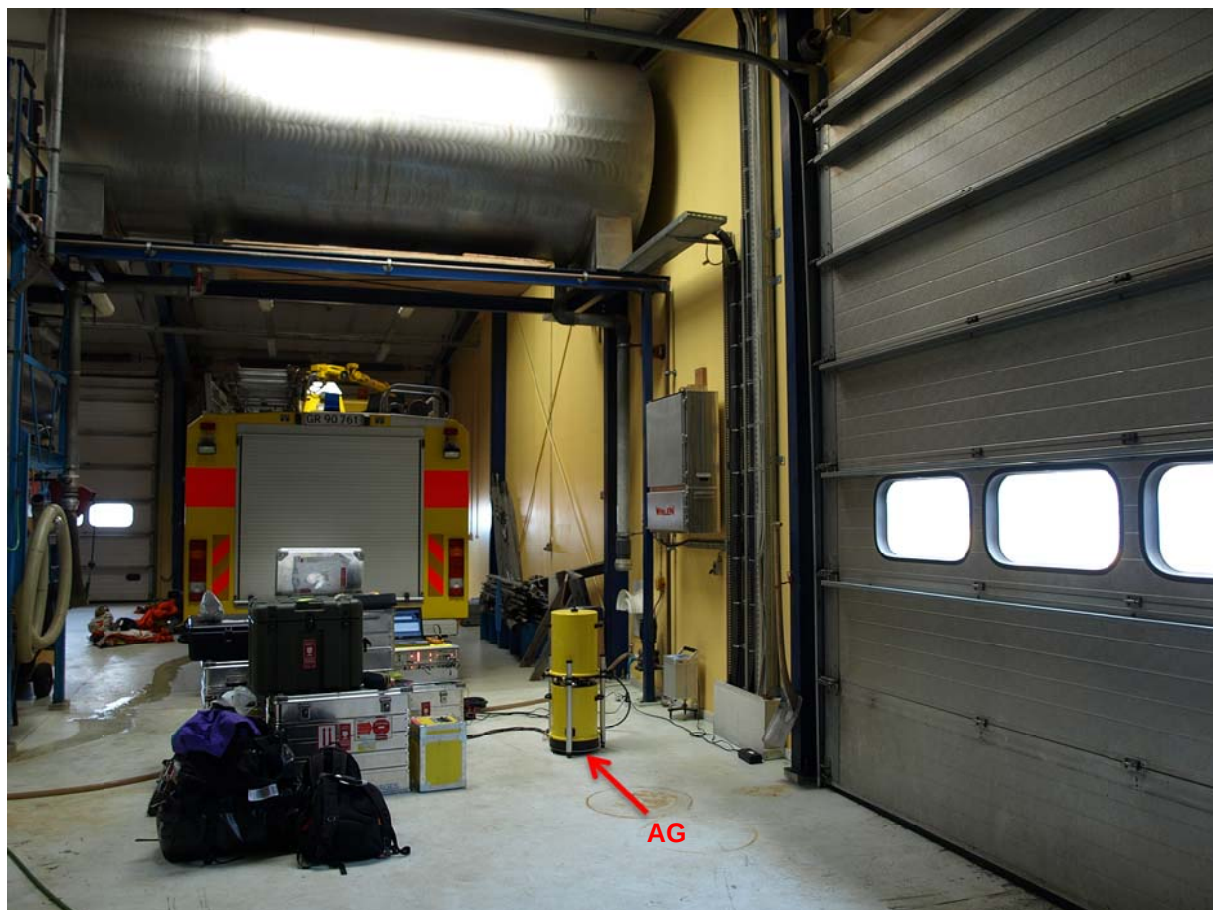
Location/Code:	Aasiaat Airport / AASA				
Lat:	68.72000	Long:	-52.79200	Height [m] (orto) :	19.0

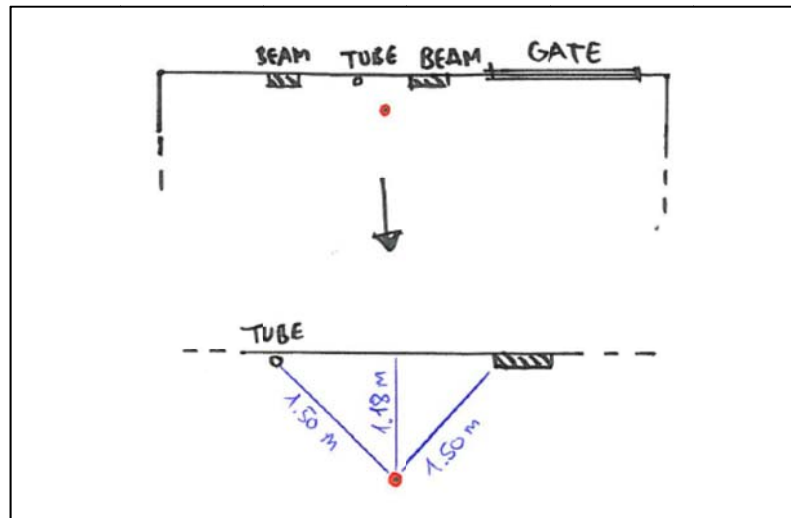
g [μ Gal] @ 0m:	982 475 527 +/- 11	dg/dh [μ Gal/m]:	-260.0
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Description:

Point established in June 2009 in the garage at Aasiaat airport.

Point marked with a bolt.





Absolute gravity point description.

Location/Code:	Astrup Kystland / ASKY				
Lat:	75.72613	Long:	-58.25735	Height [m] (orto) :	687.3

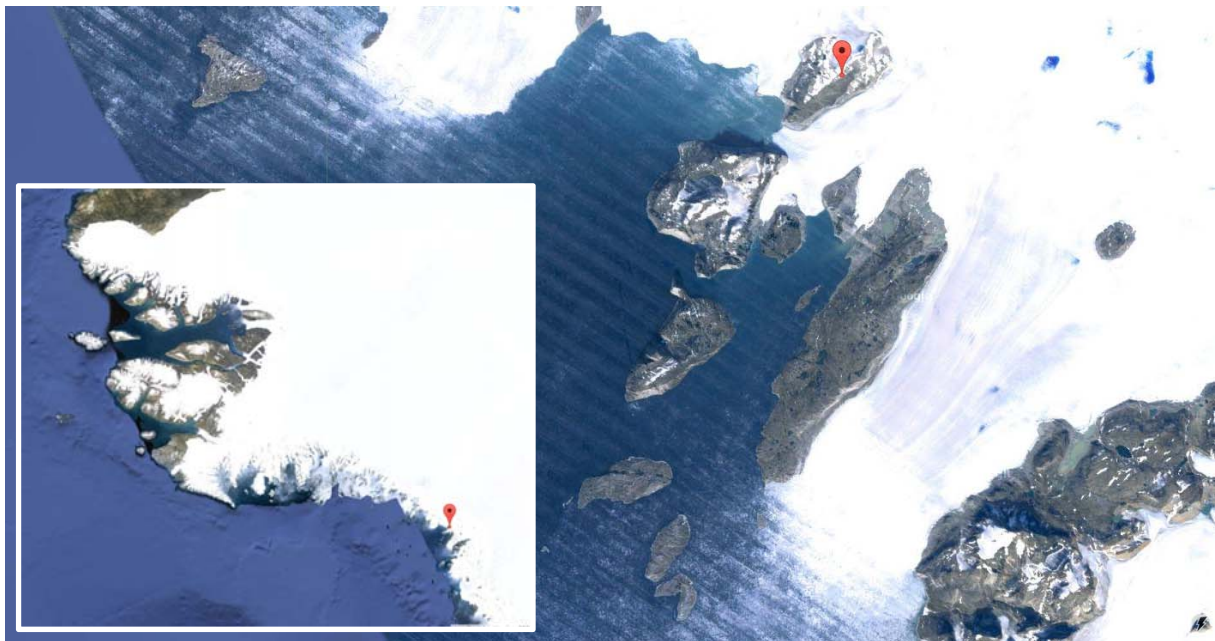
g [μ Gal] @ 0m:	982 725 385 +/- 14	dg/dh [μ Gal/m]:	-306.8
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Description:

Point near GNET GNSS antenna at the Astrup Kystland site. GNET code ASKY. Point established in September 2009. The gradient is undetermined therefore is the free-air gradient used.

Point is marked with a KMS bronze plate.





Absolute gravity point description.

Location/Code:	Constable Pynt / CNPT				
Lat:	70.74380	Long:	-22.64613	Height [m] (orto):	14.0

g [μ Gal] @ 0m:	982 614 842 +/- 11	dg/dh [μ Gal/m]:	-298.0
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Description:

Point in hangar at Constable Pynt airport. Near door in the south corner. Established near an existing relative point (59302). First measured in July 2017.

Point marked with a bolt.





Absolute gravity point description.

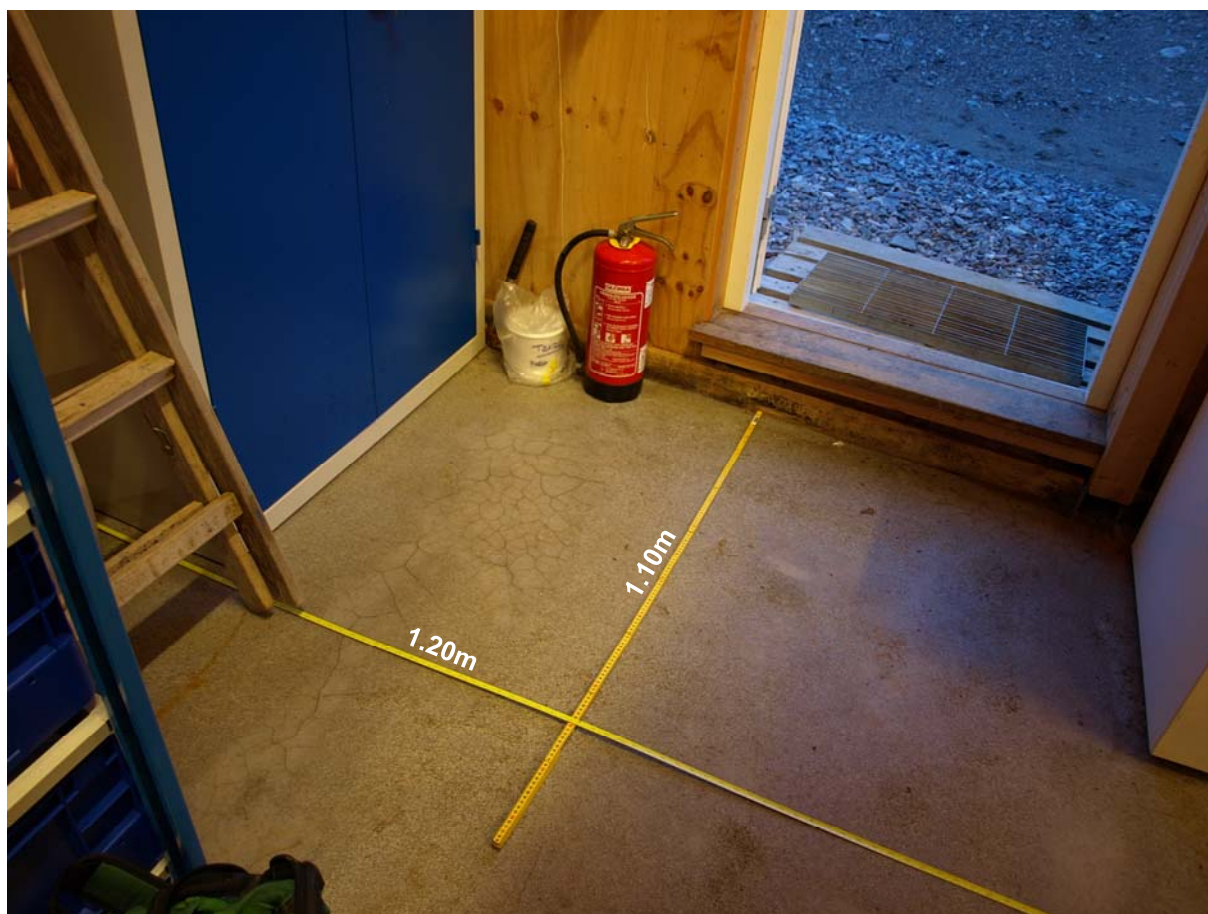
Location/Code:	Daneborg / DANE				
Lat:	74.308917	Long:	-20.228083	Height [m] (orto):	10.0

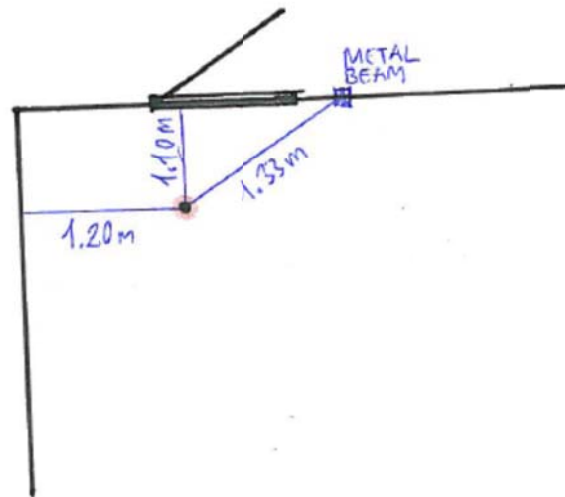
g [μ Gal] @ 0m:	982 839 098 +/- 11	dg/dh [μ Gal/m]:	-283.8
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Description:

Point in boat house belonging to DMU (AU) at Daneborg. Established in 2015. Floor is not optimal, take extra care when setting up for measurements. Remeasured in 2017, resulting in a much better measurement.

The point is not marked. See sketch for position.





Absolute gravity point description.

Location/Code:	Daneborg / DNBG				
Lat:	74.30669	Long:	-20.22664	Height [m] (orto):	4.00

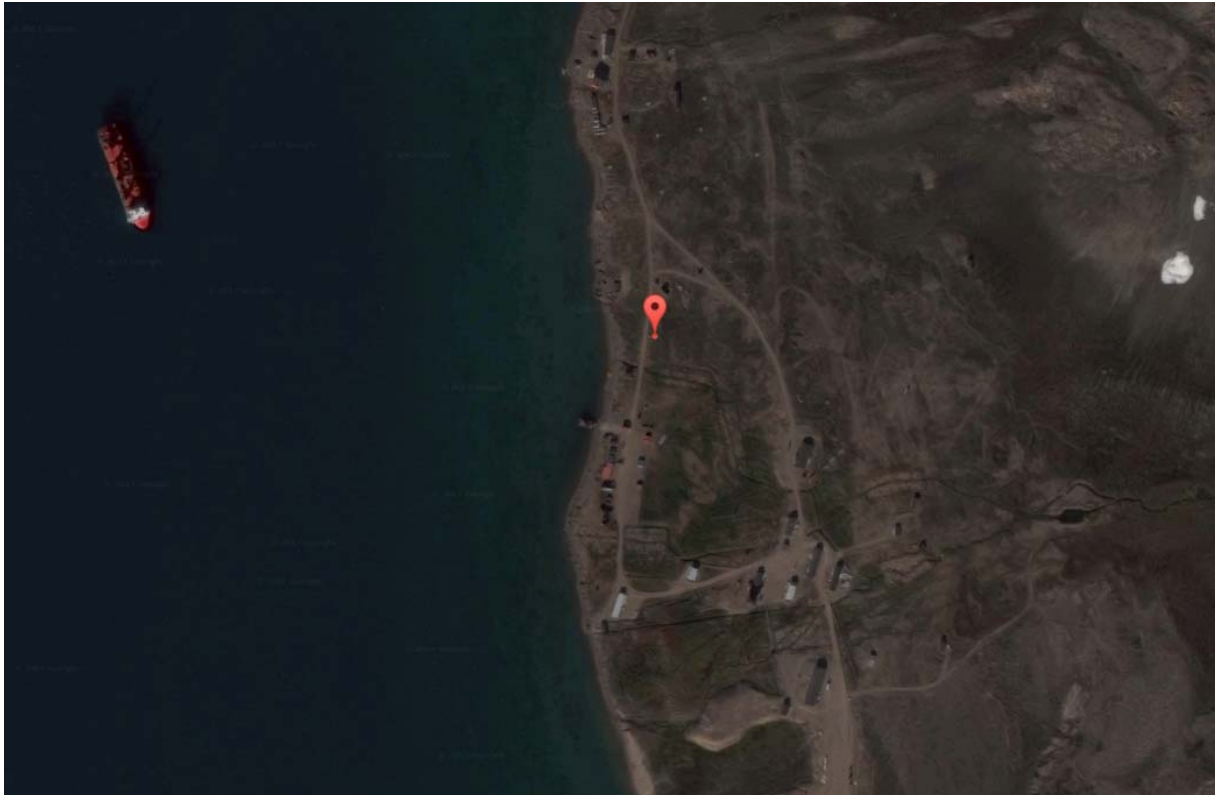
g [μ Gal] @ 0m:	982 838 906 +/- 12	dg/dh [μ Gal/m]:	-308.6
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Description:

Point on visible bedrock near the road along the shore and south of the old "Sandodden fangsthytte".
First measured in August 2008.

Marked with a KMS bronze plate.





Absolute gravity point description.

Location/Code:	Danmarkshavn GNET GNSS / DKHV				
Lat:	76.771074	Long:	-18.655674	Height [m] (orto):	53.437

g [μ Gal] @ 0m:	982 944 532 +/- 11	dg/dh [μ Gal/m]:	-296.8
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Description:

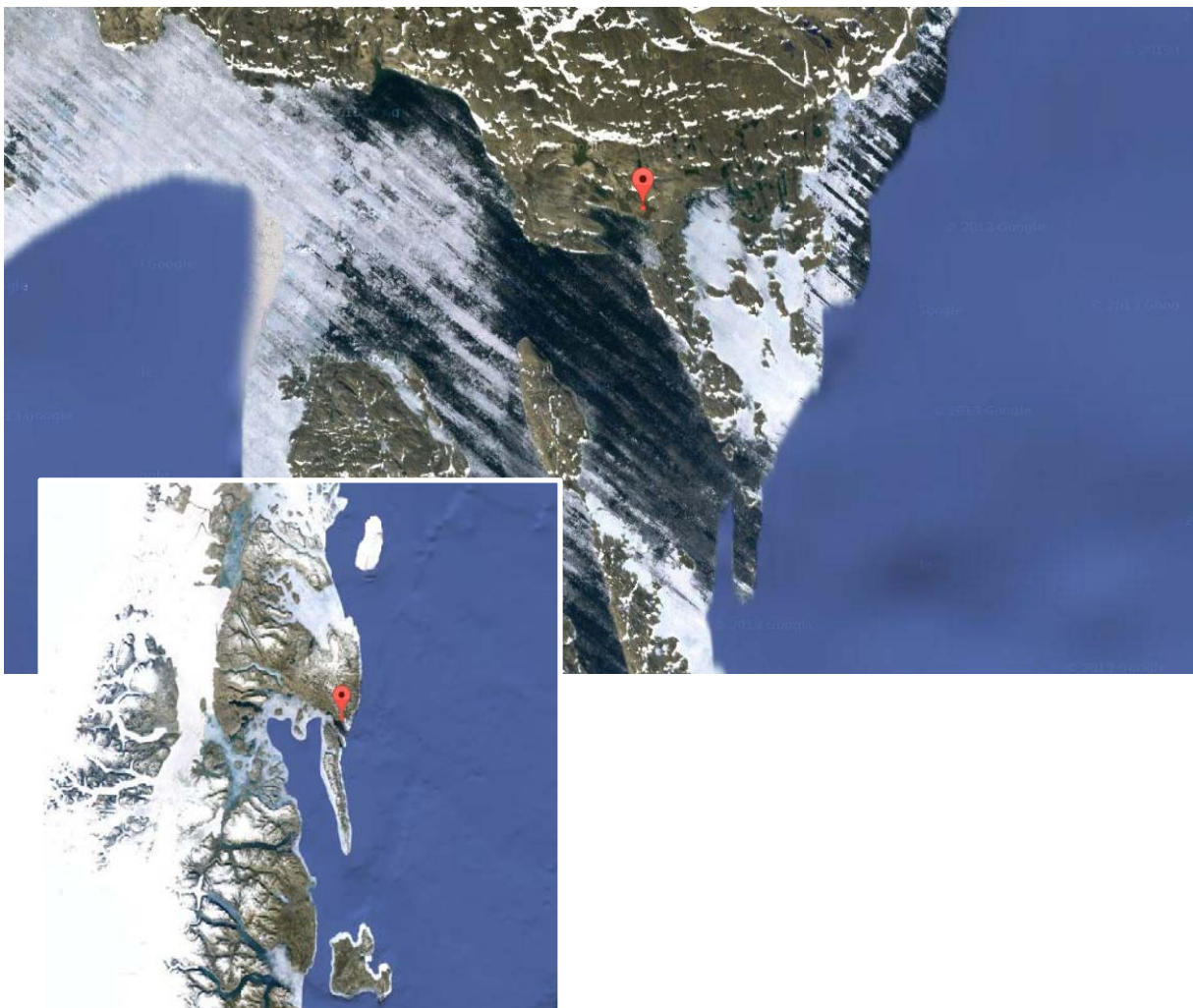
Point near to the permanent GNET GNSS antenna, named DMHN established in August 2015.

Point is unmarked. A cross is circled with stones.





AG marking



Absolute gravity point description.

Location/Code:	Daugaard Jensen gletscher GNET site / DGJG				
Lat:	71.786533	Long:	-29.850204	Height [m] (orto):	1494.14

g [μ Gal] @ 0m:	982 297 258 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point at Daugaard Jensen gletscher GNET GNSS site. First measured in July 2017. Free-air gradient used.

Point marked with a KMS bronze plate.





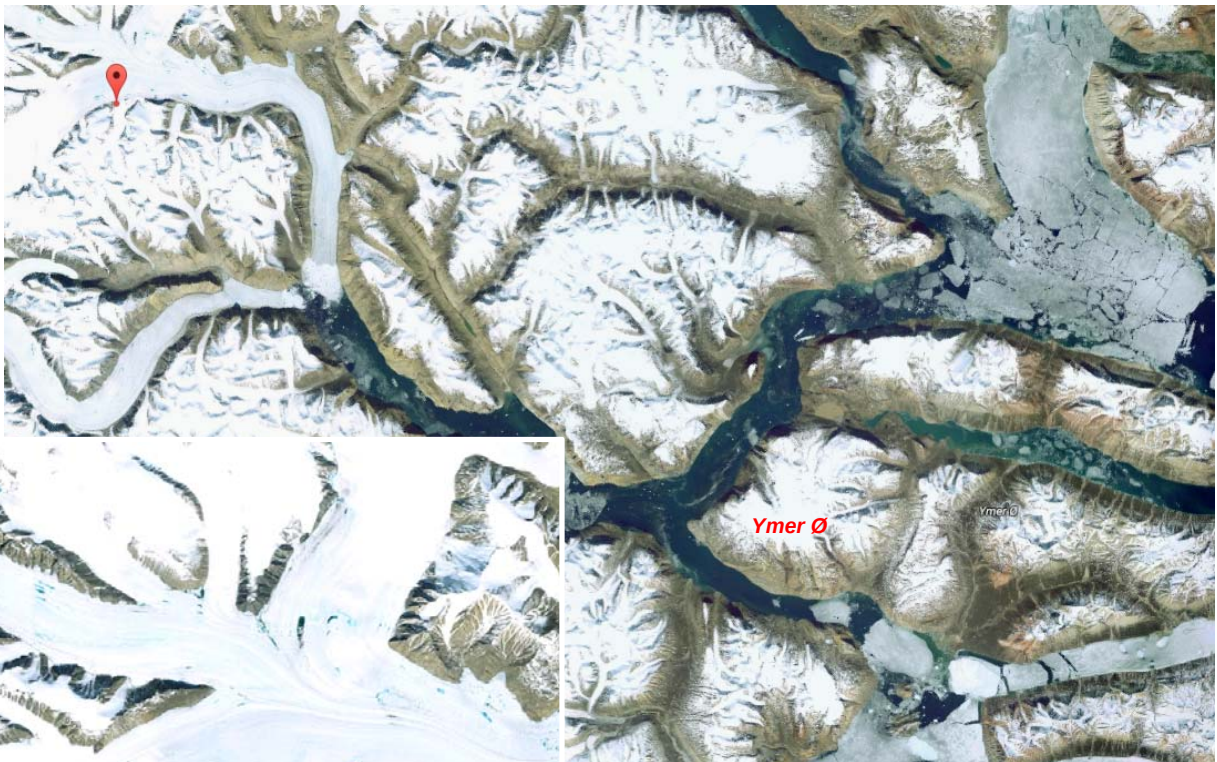
Absolute gravity point description.

Location/Code:	Hamberg gletscher / HMBG				
Lat:	73.67611	Long:	-28.12907	Height [m] (orto):	1322.92

g [μ Gal] @ 0m:	982 352 420 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:
Point near the permanent GNET GNSS antenna. First measured in August 2017.
Point is marked with a KMS bronze plate.





Absolute gravity point description.

Location/Code:	Helheim glacier / HEL2				
Lat:	66.401170	Long:	-38.215670	Height [m] (orto) :	424.00

g [μ Gal] @ 0m:	982 222 923 +/- 12	dg/dh [μ Gal/m]:	-308.6
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Description:

Point near the Helheim glacier. The AG site is located near to the *HEL2* GNET GNSS site. Established in August 2009. The gradient is not determined and therefore is the free-air gradient used.

Point is marked with a KMS bronze plate.





Absolute gravity point description.

Location/Code:	Helheim glacier, near GNSS antenna / HEL1				
Lat:	66.38583	Long:	-38.11488	Height [m] (orto):	204.00

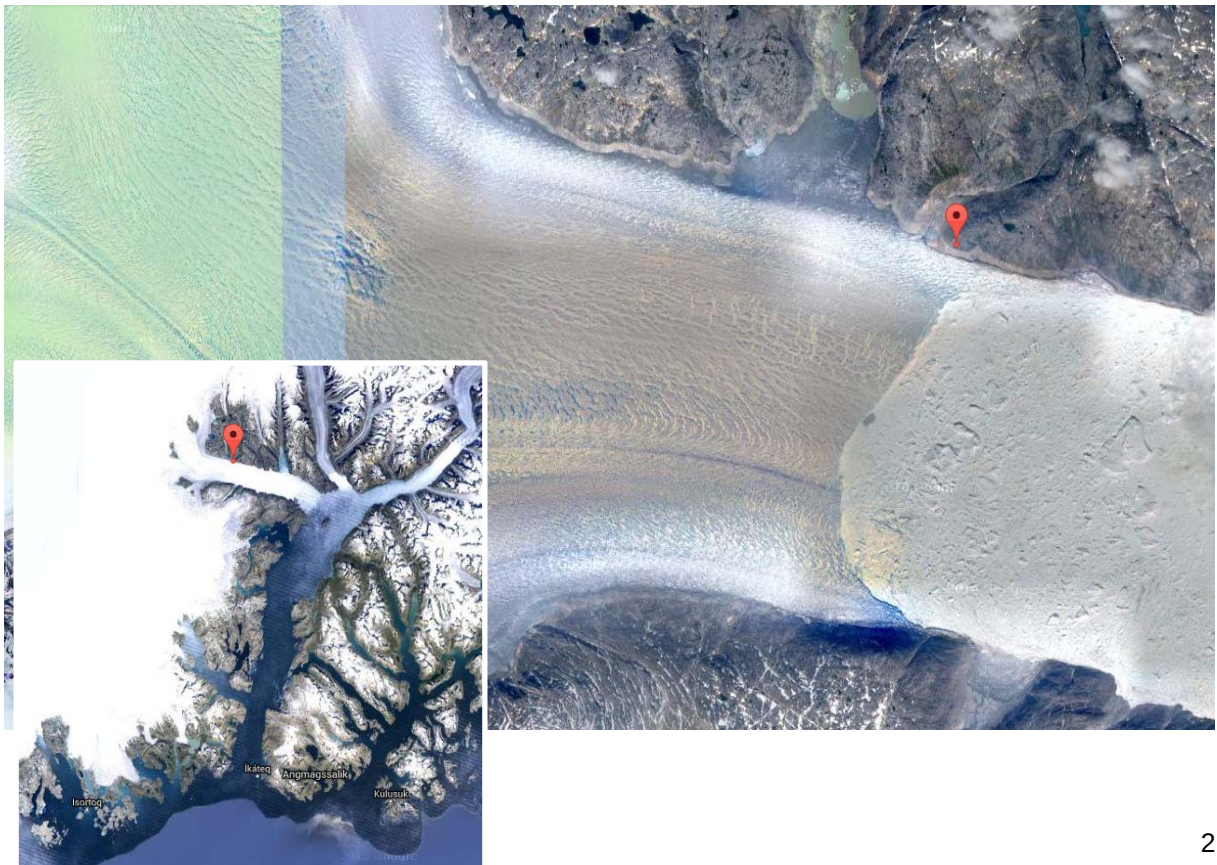
g [μ Gal] @ 0m:	982 253 091 +/- 11	dg/dh [μ Gal/m]:	-3.086
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Description:

Point near the Helheim glacier. The AG site is located near the *HEL1* GNSS site. Established in August 2009. The gradient is not determined and therefore is the free-air gradient used.

Point is marked with a KMS bronze plate.





Absolute gravity point description.

Location/Code:	Hjørnefjeldet GNET GNSS station / HJOR				
Lat:	63.418209	Long:	-41.147867	Height [m] (orto):	762.629

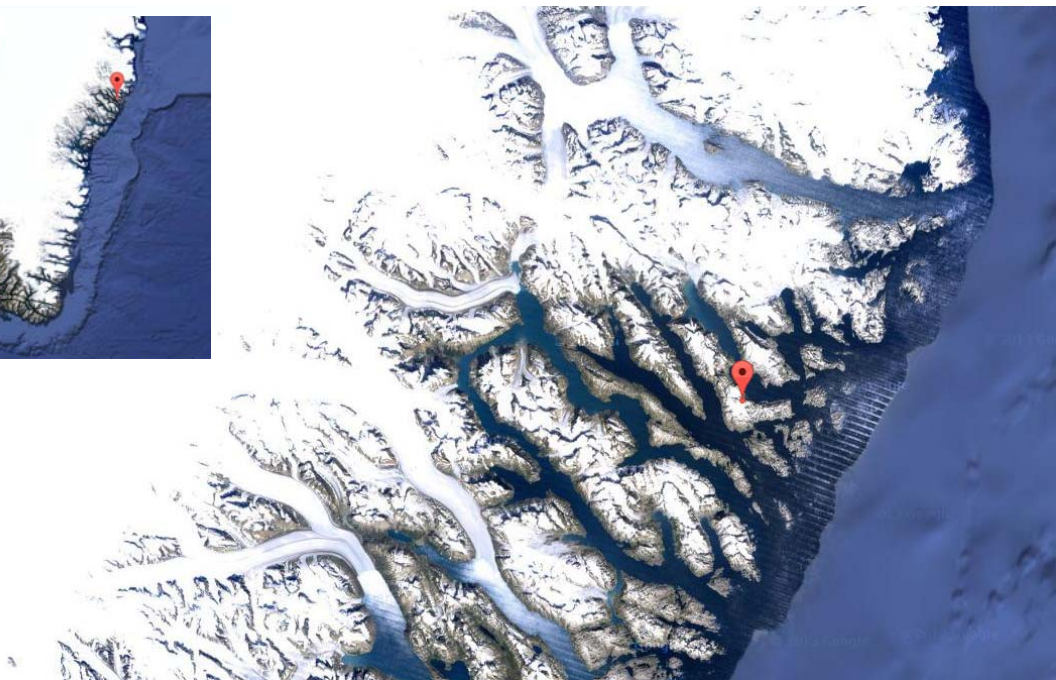
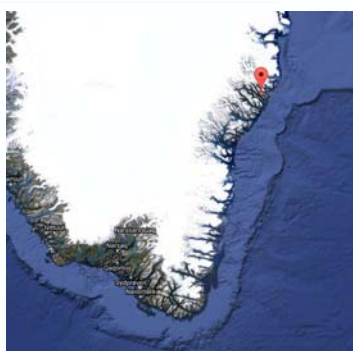
g [μ Gal] @ 0m:	981 962 983 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point near to the permanent GNET GNSS antenna, named HJOR established in August 2010. Gradient not measured, free-air gradient used. Measured with BKGs A10-002.

Point marked with a plate.





Absolute gravity point description.

Location/Code:	Ilulissat airport / Ilul				
Lat:	69.241040	Long:	-51.066050	Height [m] (orto) :	14.00

g [μ Gal] @ 0m:	982 486 842 +/- 11	dg/dh [μ Gal/m]:	-292.0
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Description:

Point in garage at the Ilulissat airport. Established near gates towards the apron in June 2009.

Point is marked with a bolt.





Absolute gravity point description.

Location/Code:	Isortoq / ISOR				
Lat:	65.546620	Long:	-38.974630	Height [m] (orto) :	83.00

g [μ Gal] @ 0m:	982 253 744 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point near Isortoq bygd, at the GNET *ISOR* GNSS site, close to the Tele hut. Established in August 2009. Gradient not determined, free-air gradient used.

Point marked with a KMS bronze plate.





Absolute gravity point description.

Location/Code:	Kangerlussuaq, near the inland ice. / SFJ1				
Lat:	67.153470	Long:	-50.061060	Height [m] (orto) :	502.00

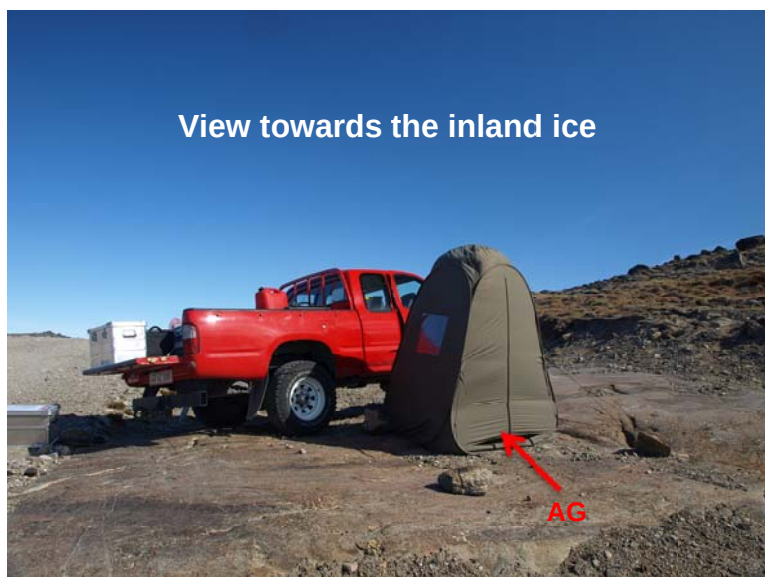
g [μ Gal] @ 0m:	982 300 081 +/- 13	dg/dh [μ Gal/m]:	-333.0
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Description:

Point on rock outcrop next to the road from Kangerlussuaq to the inland ice. Established in June 2009. On south side of road (right side going towards the ice).

Point is marked with a plate.





Absolute gravity point description.

Location/Code:	Kangia glacier / KAGA				
Lat:	69.222220	Long:	-49.816110	Height [m] (orto) :	149.00

g [μ Gal] @ 0m:	982 469 854 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point near GNET KAGA GNSS permanent station. Established in May 2010 on a rock outcrop. Near Kangia glacier. Gradient is not determined, here is the free-air gradient used.

Point marked with a KMS bronze plate.





Absolute gravity point description.

Location/Code:	Kap Agassiz / KAGZ				
Lat:	79.131960	Long:	-65.852950	Height [m] (orto) :	86.54

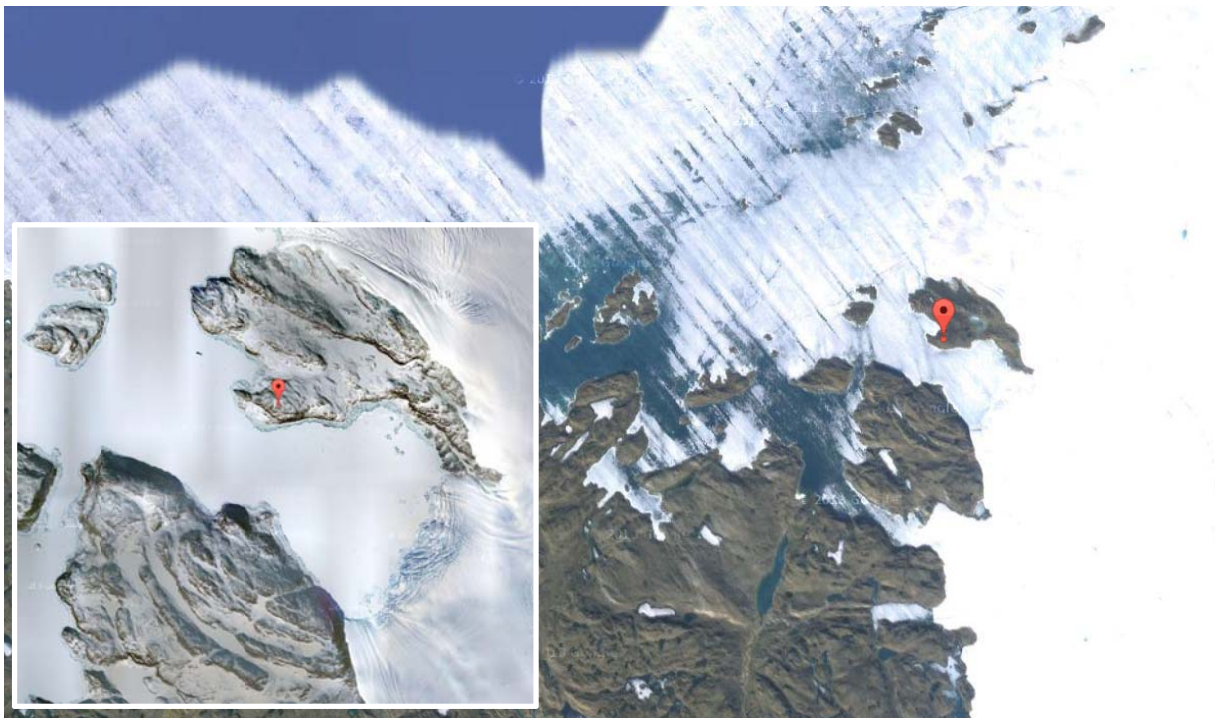
g [μ Gal] @ 0m:	982 968 431 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point at the KAGZ GNET GNSS, near Kap Agassiz glacier. Point established in September 2009. Gradient not measured, free-air gradient used.

Point marked with a KMS bronze plate.





Absolute gravity point description.

Location/Code:	Kapisillit GNSS GNET station / KAPI				
Lat:	64.432310	Long:	-50.271640	Height [m] (orto) :	70.00

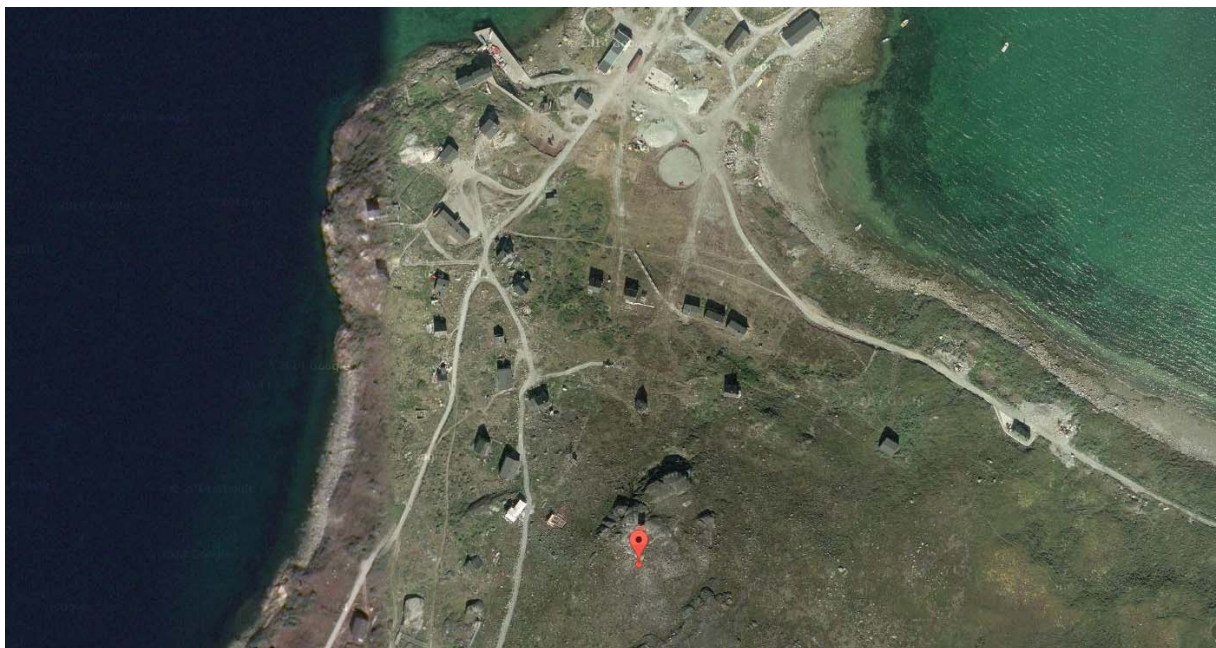
g [μ Gal] @ 0m:	982 158 103 +/- 11	dg/dh [μ Gal/m]:	-378.5
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Description:

Point at the permanent GNET GNSS *KAPI* site. Located above Kapisillit bygd close to the TELE hut. Established in June 2009.

Point marked with a plate.





Absolute gravity point description.

Location/Code:	Køge Bugt / KBUG (P2)				
Lat:	65.143670	Long:	-41.157500	Height [m] (orto) :	291.00

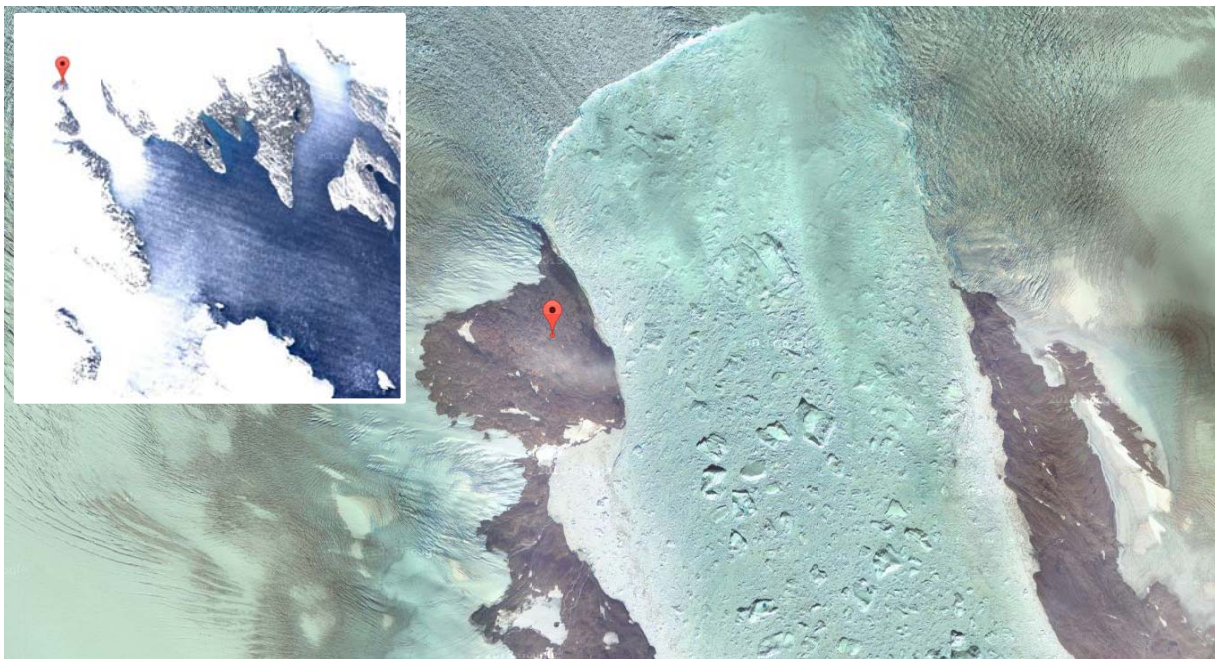
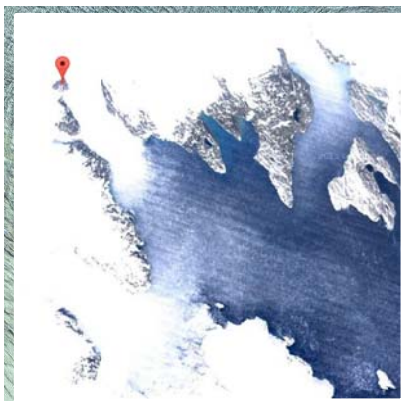
g [μ Gal] @ 0m:	982 157 671 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point at Køge Bugt, next to the *KBUG* GNET GNSS antenna, established in August 2009. Gradient not measured, free-air gradient used.

Point marked with a KMS bronze plate.





Absolute gravity point description.

Location/Code:	Kellyville / KELY				
Lat:	66.98711	Long:	-50.94250	Height [m] (orto):	195.0

g [μ Gal] @ 0m:	982 347 028 +/- 11	dg/dh [μ Gal/m]:	-3.316
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Description:

Absolute point near Kellyville radar disc. Established in 1995 by NGS/NOAA. First measured with A10-019 in September 2015.

Marked with bronze plate.





Absolute gravity point description.

Location/Code:	Kulusuk / KULU				
Lat:	65.577590	Long:	-37.156320	Height [m] (orto) :	14.00

g [μ Gal] @ 0m:	982 337 488 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point near the Kulusuk hotel. Point established in 1996, first measured with A10-019 in August 2009.

Point marked with a bronze plate.





Absolute gravity point description.

Location/Code:	Kulusuk Airport / KULA				
Lat:	65.57457	Long:	-37.13368	Height [m] (orto) :	17.00

g [μ Gal] @ 0m:	982 333 456 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point in garage at Kulusuk Airport. Point established in August 2010. Measured with BKGs A10-002. Gradient is not determined, therefore is the free-air gradient used.

Point marked with a bolt.





Absolute gravity point description.

Location/Code:	Lynæs / LYNS				
Lat:	64.430500	Long:	-40.198170	Height [m] (orto) :	174.00

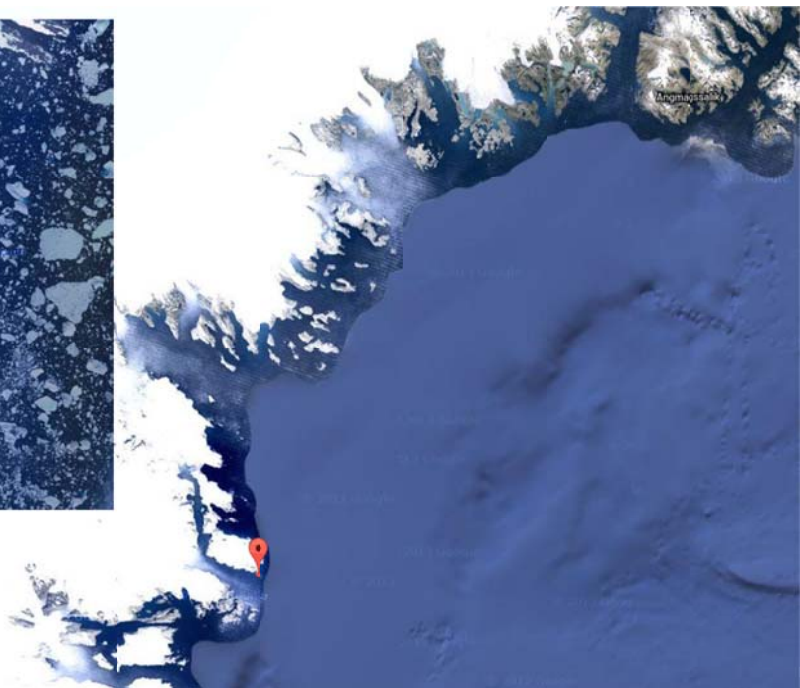
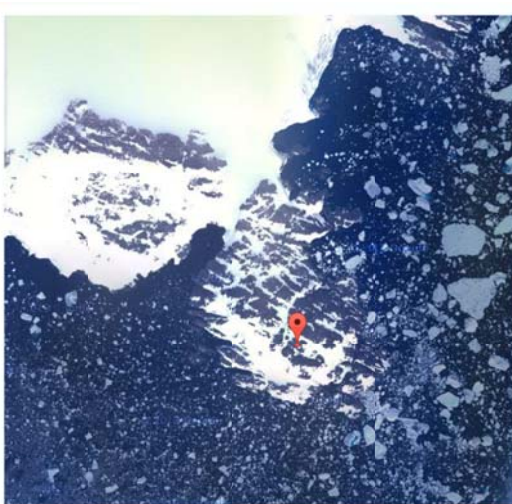
g [μ Gal] @ 0m:	982 173 159 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point at the GNET GNSS named *LYNS*. Established in August 2009. The gradient is undetermined, the free-air gradient is used.

Point marked with a KMS bronze plate.





Absolute gravity point description.

Location/Code:	Marie gletcher / MARG				
Lat:	77.187040	Long:	-65.694620	Height [m] (orto) :	670.57

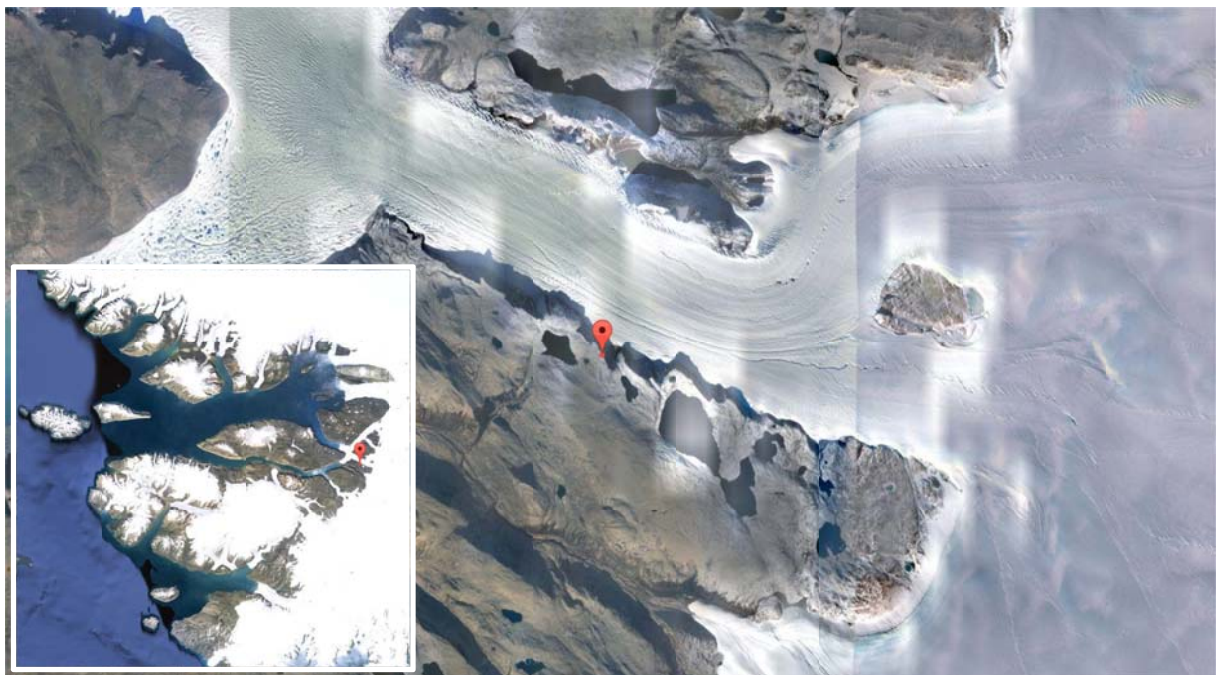
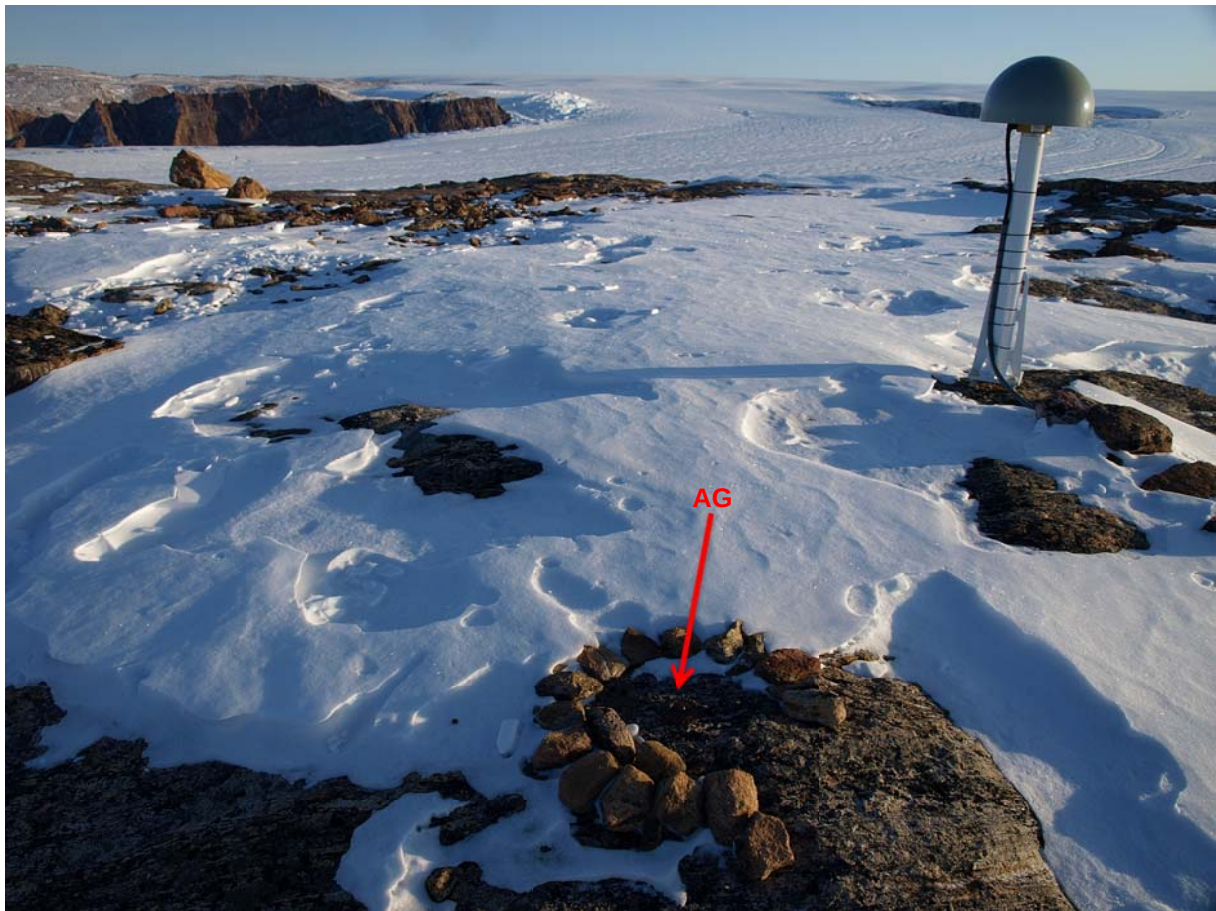
g [μ Gal] @ 0m:	982 784 239 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point at Marie gletcher, near the MARG GNET GNSS antenna, established in September 2009.
The gradient is undetermined, the free-air gradient is used.

Point is marked with a KMS bronze plate.





Absolute gravity point description.

Location/Code:	Mestersvig GNET site / MSVG				
Lat:	72.240821	Long:	-23.912861	Height [m] (orto):	88.16

g [μ Gal] @ 0m:	982 681 201 +/- 12	dg/dh [μ Gal/m]:	-308.6
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Description:
Point at the GNET GNSS site north of Mestersvig. Opposite the landing strip. First measured in July 2017.
Point marked with a KMS bronze plate.





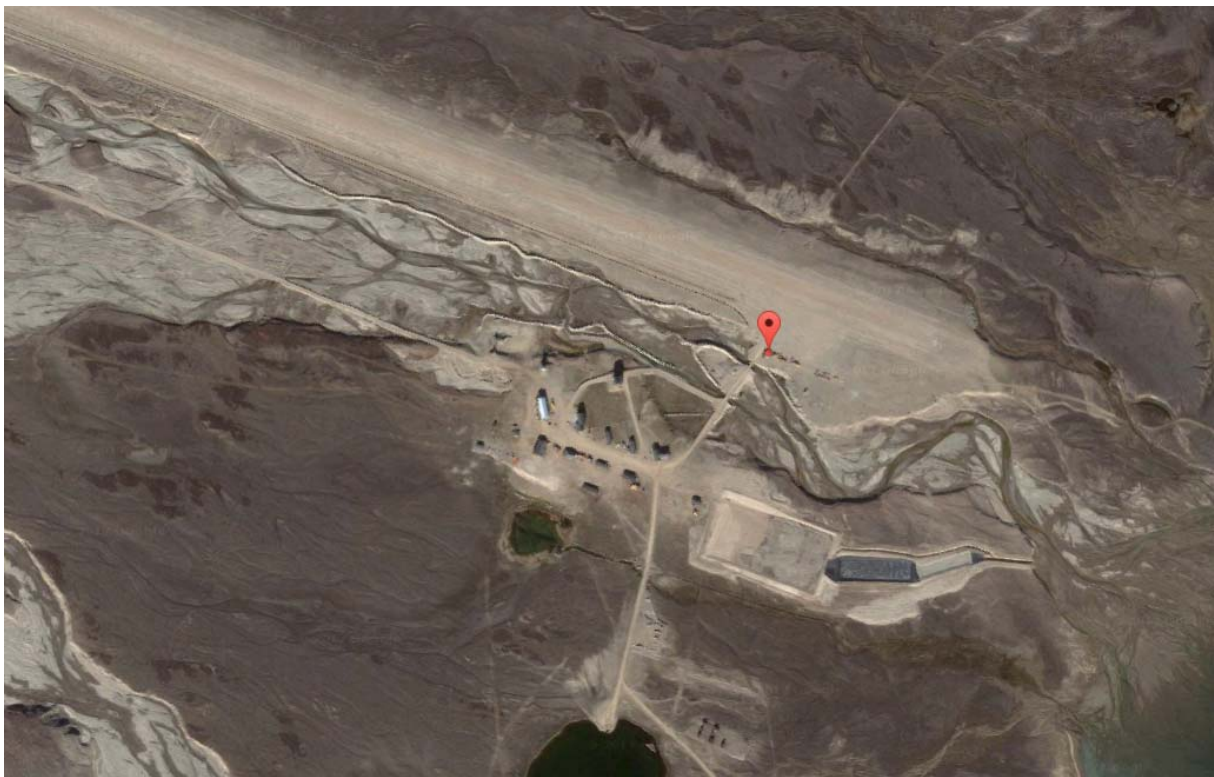
Absolute gravity point description.

Location/Code:	Mestersvig Terminal / MSVT				
Lat:	72.234548	Long:	-23.915633	Height [m] (orto):	2.00

g [μ Gal] @ 0m:	982 684 488 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:
Point in the Terminal building near the apron at Mestersvig. First measured in July 2017.
Point is unmarked.





Absolute gravity point description.

Location/Code:	Narsarsuaq Airport Hangar / NARA				
Lat:	61.16250	Long:	-45.41644	Height [m] (orto) :	27.00

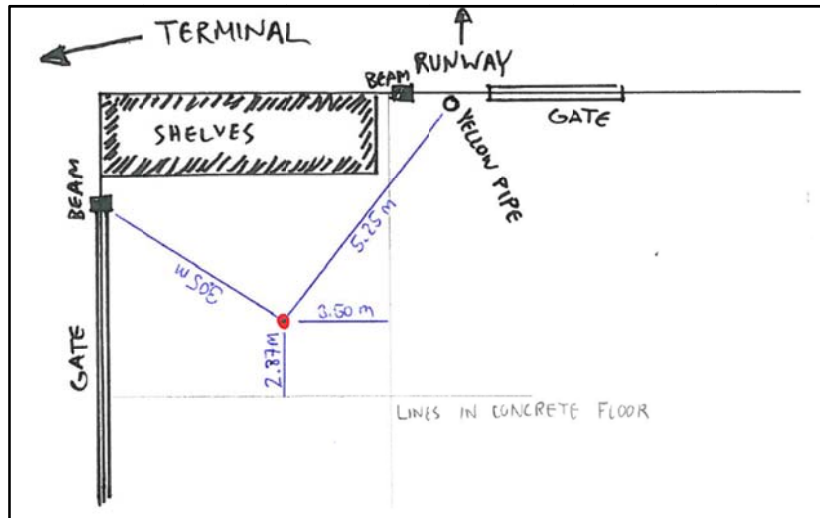
g [μ Gal] @ 0m:	981 922 313 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point established in a hangar at Narsarsuaq Airport. Established in August 2010. The gradient is not determined, therefore is the free-air gradient used. Measured with BKGs A10-002.

Point marked with a bolt.





Absolute gravity point description.

Location/Code:	Nuuk / NUUK / 78801			
Lat:	64.177830	Long:	-51.740330	Height [m] (orto) : 23.10

g [μ Gal] @ 0m:	982 190 653 +/- 11	dg/dh [μ Gal/m]:	-284.4
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Description:

Point in the basement of Nuuk town hall. Point established in 2005 and first measured with A10-019 in June 2009. The AG point is offset to the bronze plate (benchmark 78801) by 75cm.

Point is marked on the floor with a pen.





Absolute gravity point description.

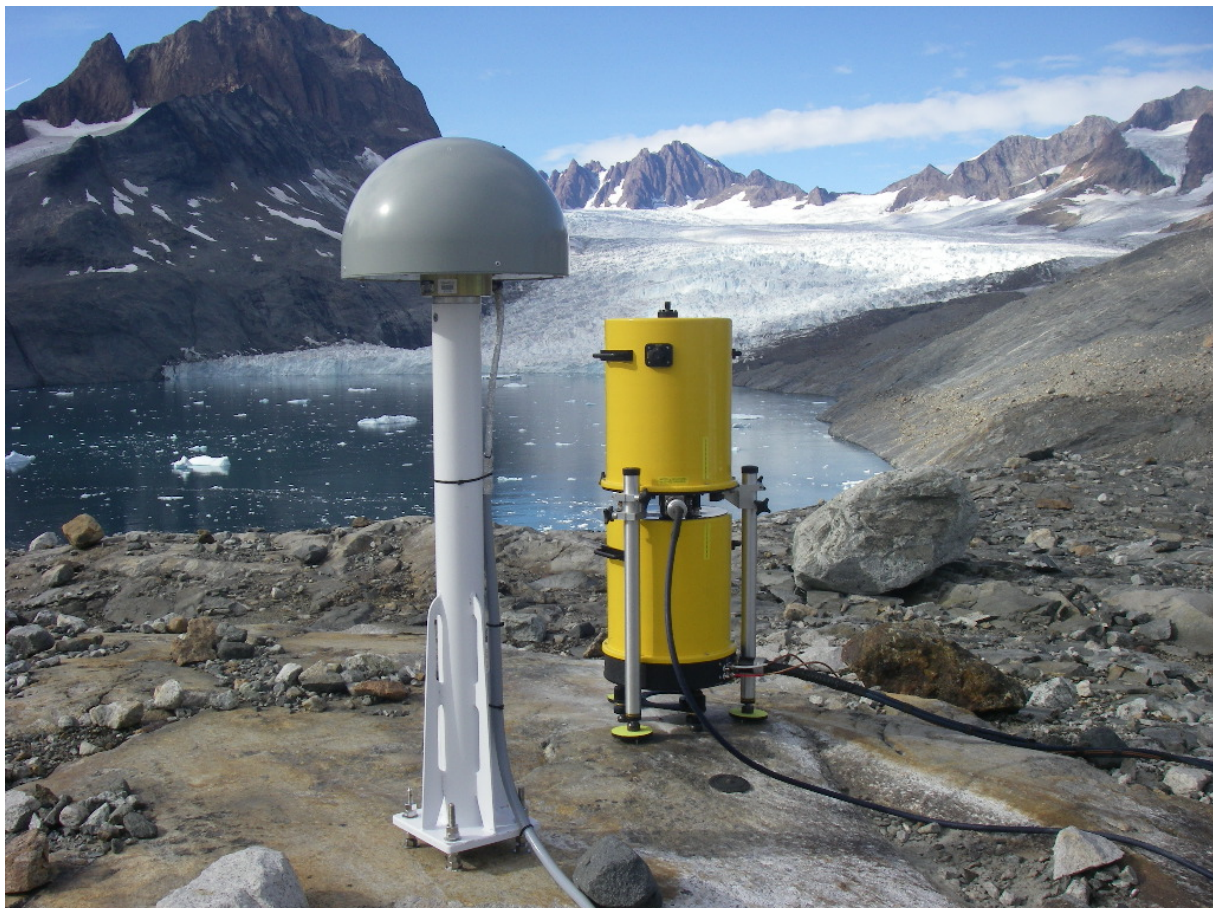
Location/Code:	Pilappik GNET GNSS station / PLPK				
Lat:	66.897727	Long:	-34.033459	Height [m] (orto):	122.237

g [μ Gal] @ 0m:	982 393 884 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point next to the permanent GNET GNSS antenna, named PLPK established in August 2010. Gradient not measured, free-air gradient used. Measured with BKGs A10-002.

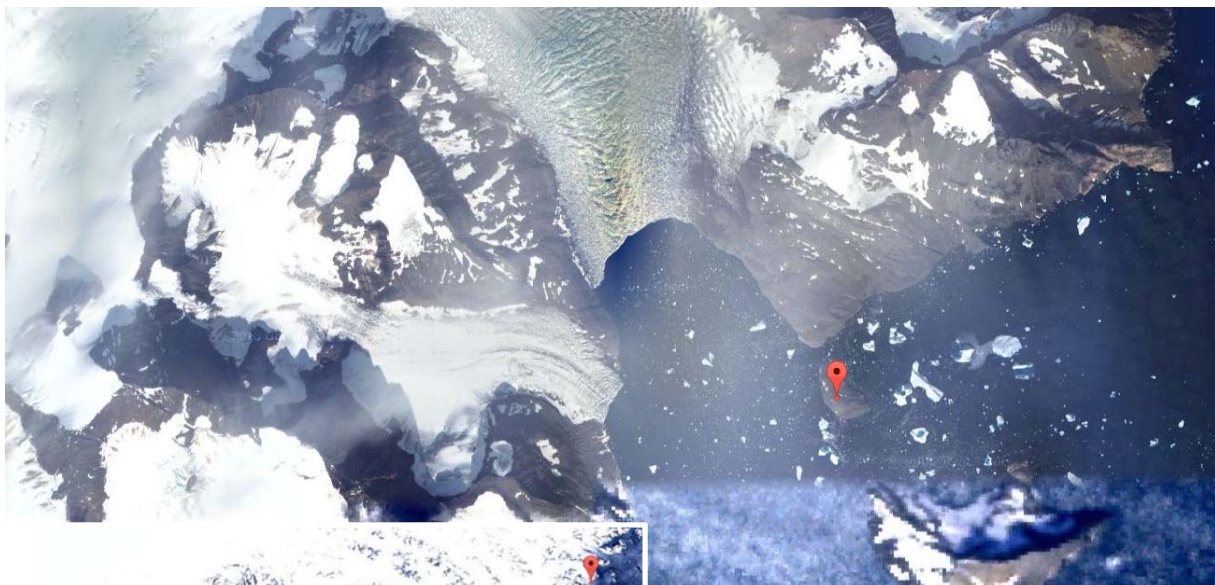
Point marked with a bolt. It is not the nearby plate.





Plate

AG bolt



Absolute gravity point description.

Location/Code:	Qasigianniguit / QASI				
Lat:	68.801170	Long:	-50.462970	Height [m] (orto) :	502.40

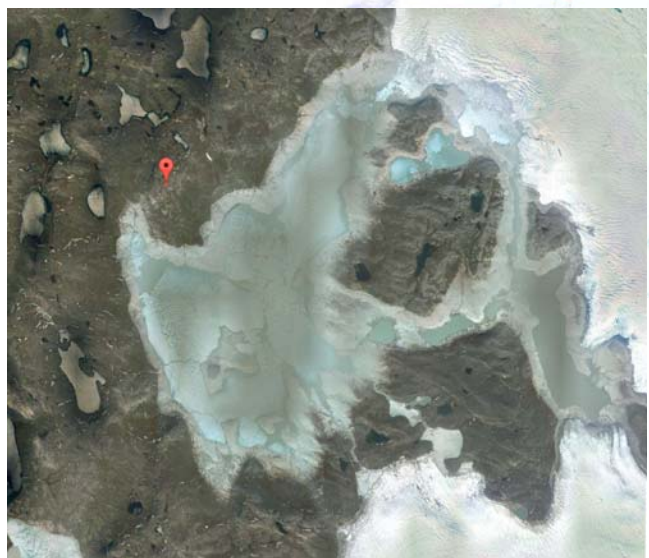
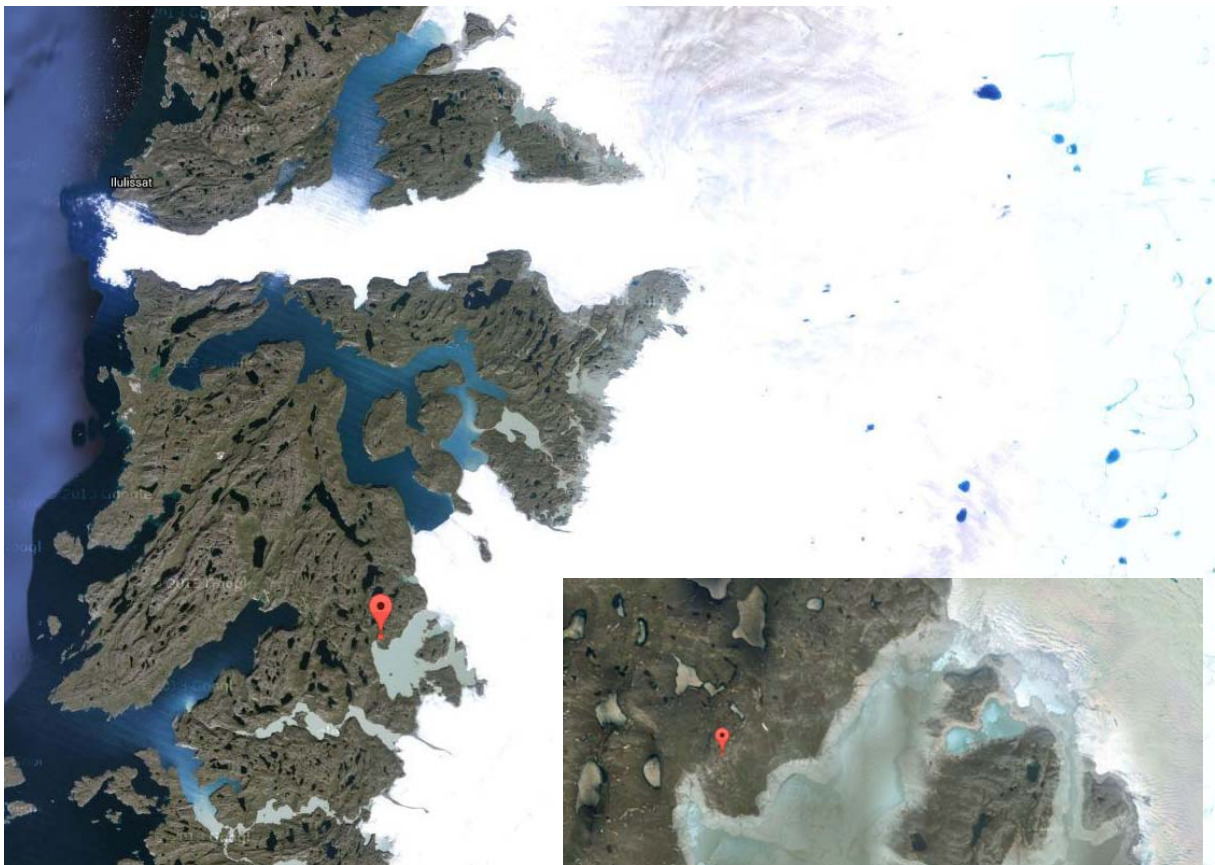
g [μ Gal] @ 0m:	982 374 509 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point established in May 2010 near an ice-dammed lake. A GNSS antenna is located nearby. The gradient is undetermined and the free-air gradient is used.

Point is marked with a KMS bronze plate.





Absolute gravity point description.

Location/Code:	Qaarsut Airport / QARA				
Lat:	70.732200	Long:	-52.696720	Height [m] (orto) :	60.00

g [μ Gal] @ 0m:	982 576 151 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point in the garage at Qaarsut Airport. The point is established in May 2010. The gradient is not determined so the free-air gradient is used.

The point is marked with a bolt.





Absolute gravity point description.

Location/Code:	Qaarsut GNET GNSS site / QAAR				
Lat:	70.740420	Long:	-52.688290	Height [m] (orto) :	20.00

g [μ Gal] @ 0m:	982 588 309 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point next to the permanent GNET GNSS antenna, named QAAR. Near Qaarsut airport. Established in May 2010.

Point marked with a plate.





Absolute gravity point description.

Location/Code:	Qeqertarsuaq GNET GNSS / GODH				
Lat:	69.25240	Long:	-53.52100	Height [m] (orto):	18.0

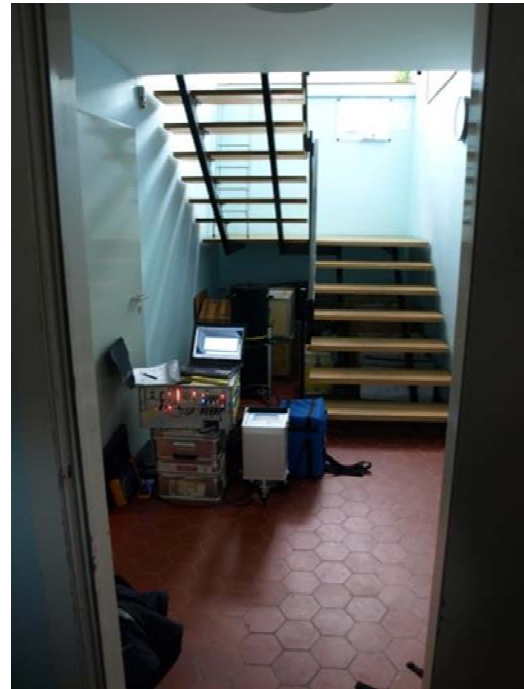
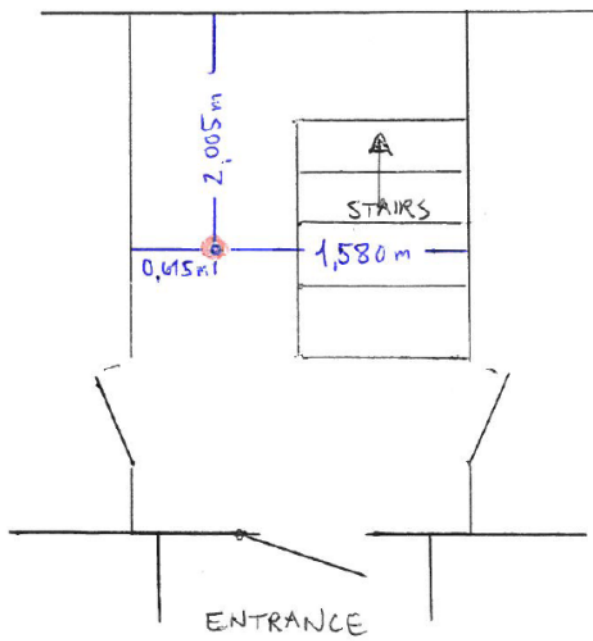
g [μ Gal] @ 0m:	982 500 667 +/- 11	dg/dh [μ Gal/m]:	-273.2
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Description:

Point at the Arctic Station, Copenhagen University, North East of Qeqertarsuaq. The point is under the staircase in building 348. First measured in August 2016.

The point is unmarked. See sketch.





Absolute gravity point description.

Location/Code:	Rink Isbræ / RINK				
Lat:	71.848500	Long:	-50.993970	Height [m] (orto) :	1337.82

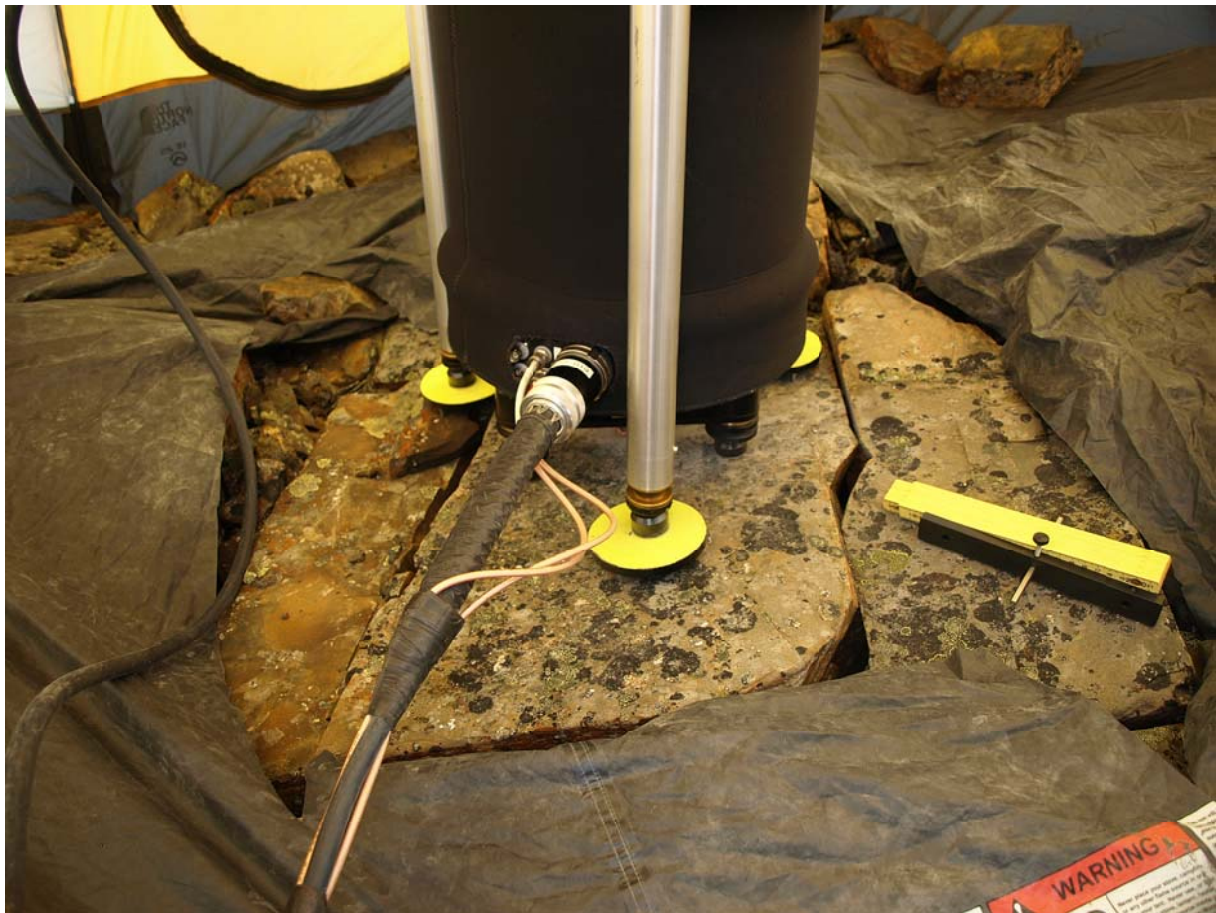
g [μ Gal] @ 0m:	982 356 166 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point near Rink Isbræ. The point is close to the *RINK* GNET GNSS and established in May 2010. The gradient is not determined and therefore is the free-air gradient used.

Point marked with a bronze bolt.





Absolute gravity point description.

Location/Code:	Scorsbysund Heliport / SCBY				
Lat:	70.487749	Long:	-21.97176	Height [m] (orto):	80.00

g [μ Gal] @ 0m:	982 639 357 +/- 12	dg/dh [μ Gal/m]:	-427.6
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Description:

Point near the Scorsbysund Heliport, on outcrop next to the road to the city. First measured in August 2017.

Point is unmarked.





Absolute gravity point description.

Location/Code:	Artek Sisimiut / SIAR				
Lat:	66.934140	Long:	-53.660460	Height [m] (orto) :	38.00

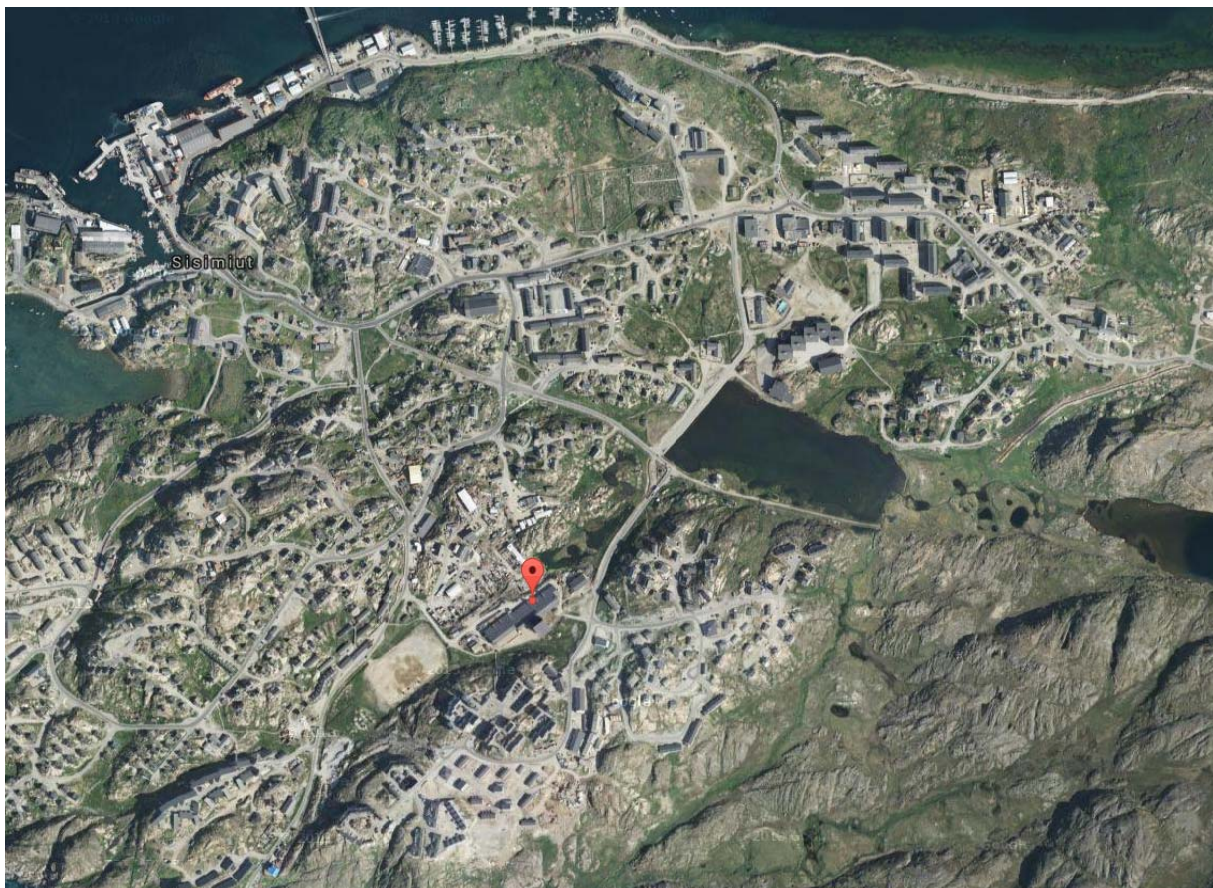
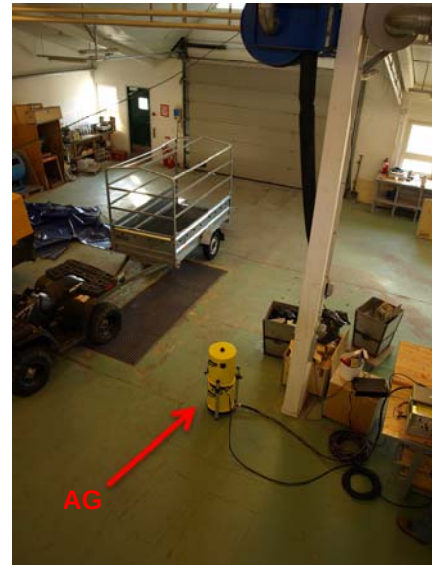
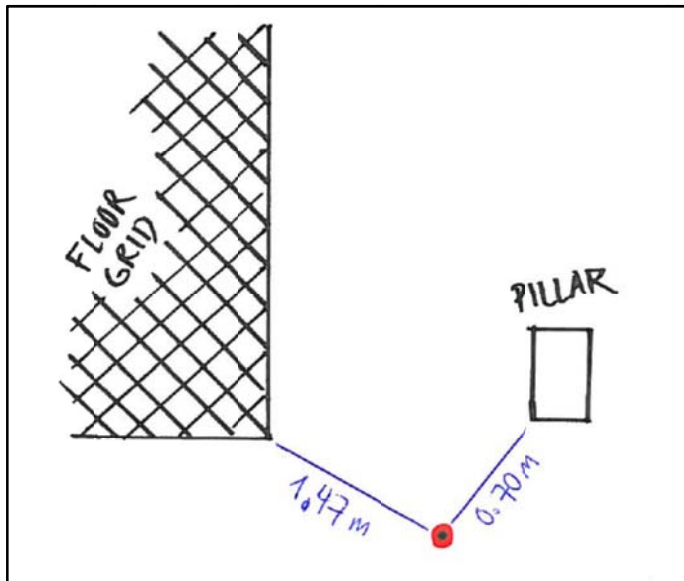
g [μ Gal] @ 0m:	982 402 361 +/- 11	dg/dh [μ Gal/m]:	-272.8
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Description:

Point in the workshop/garage of the Artic Technology Centre – ARTEK – in Sisimiut. Established in June 2009.

Marked with a bolt.





Absolute gravity point description.

Location/Code:	Sisimiut Airport / SISA				
Lat:	66.952030	Long:	-53.722110	Height [m] (orto) :	17.00

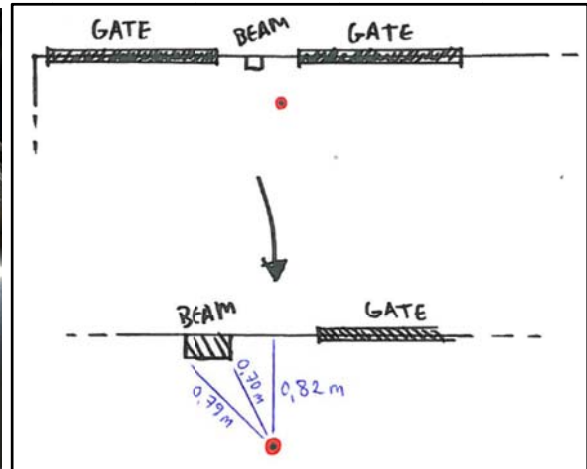
g [μ Gal] @ 0m:	982 415 322 +/- 11	dg/dh [μ Gal/m]:	-292.0
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Description:

Point in the garage at Sisimiut airport, established in June 2009.

Point marked with a bolt.





Absolute gravity point description.

Location/Code:	Tasiilaq / TAS1 / 78211				
Lat:	65.612150	Long:	-37.620080	Height [m] (orto) :	9.00

g [μ Gal] @ 0m:	982 322 724 +/- 11	dg/dh [μ Gal/m]:	-376.0
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Description:

Point near Tasiilaq heliport on a concrete platform next to the road to the heliport. Established in 1982, first measured with A10-019 in August 2009. Gradient undetermined, free-air gradient used.

Point is unmarked.





Absolute gravity point description.

Location/Code:	Tasiilaq / TAS2 / 71872				
Lat:	65.612170	Long:	-37.619500	Height [m] (orto) :	9.00

g [μ Gal] @ 0m:	982 322 972 +/- 12	dg/dh [μ Gal/m]:	-340.6
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Description:

Point near Tasiilaq heliport. Established in 1995, measured with A10-019 in August 2009. The gradient is not determined so the free-air gradient is used.

Marked with a bronze plate on a rock outcrop.





Absolute gravity point description.

Location/Code:	Station Nord, Building 23, "Vippeporten" / NORD				
Lat:	81.597667	Long:	-16.661333	Height [m] (orto) :	45.00

g [μ Gal] @ 0m:	983 068 776 +/- 11	dg/dh [μ Gal/m]:	-279.0
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Description:

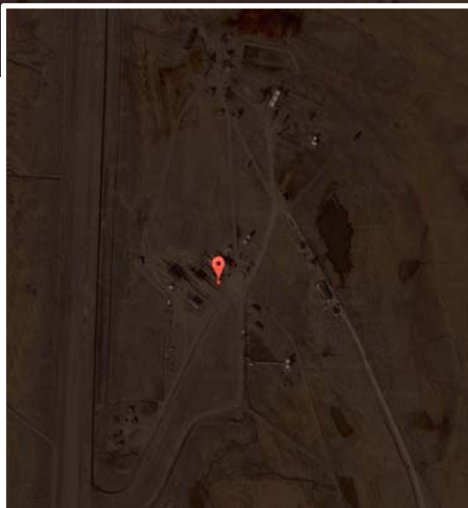
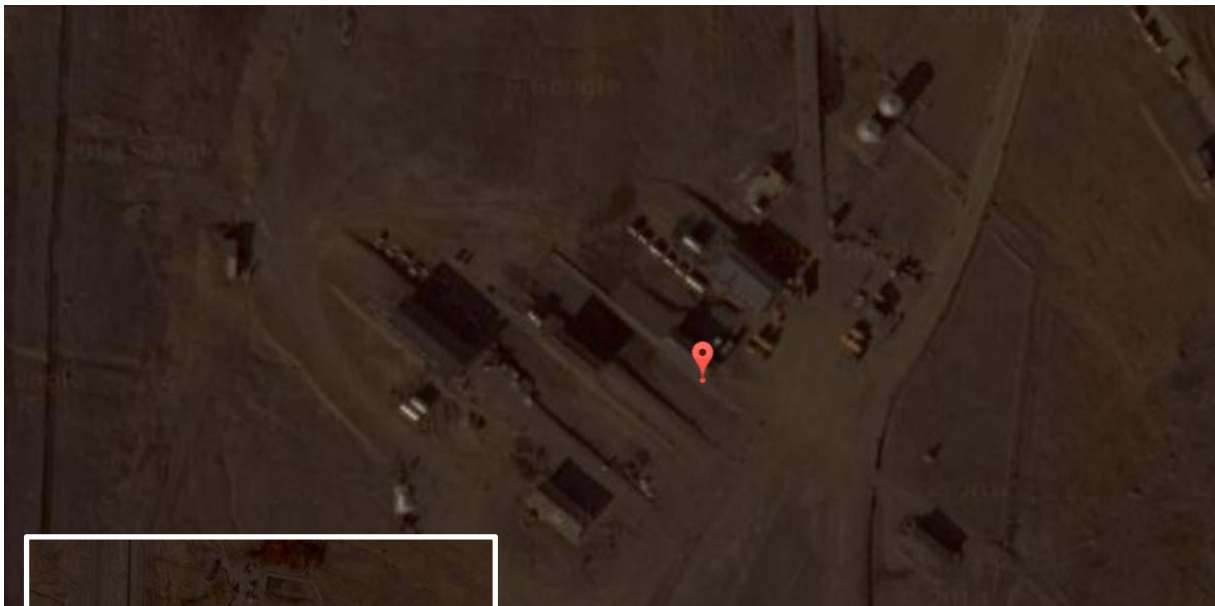
Point in building 23 called "Vippeporten" near the Station Nord apron. Established in 1979 with station number 1351. First measured with A10-019 in 2013. The gradient is also measured in 2013.

Point is marked with a bolt.





AG



Absolute gravity point description.

Location/Code:	Thule Air Base / TAB1 / 38801				
Lat:	76.538330	Long:	-68.801670	Height [m] (orto) :	26.85

g [μ Gal] @ 0m:	982 921 539 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point in building 836 at Thule Air Base. Established in 1988, first measured with A10-019 in 2009. The gradient is undetermined and the free-air gradient is used.

Point is marked with a bolt.





Absolute gravity point description.

Location/Code:	Thule Air Base / TAB2 / 38802				
Lat:	76.537920	Long:	-68.796720	Height [m] (orto) :	26.91

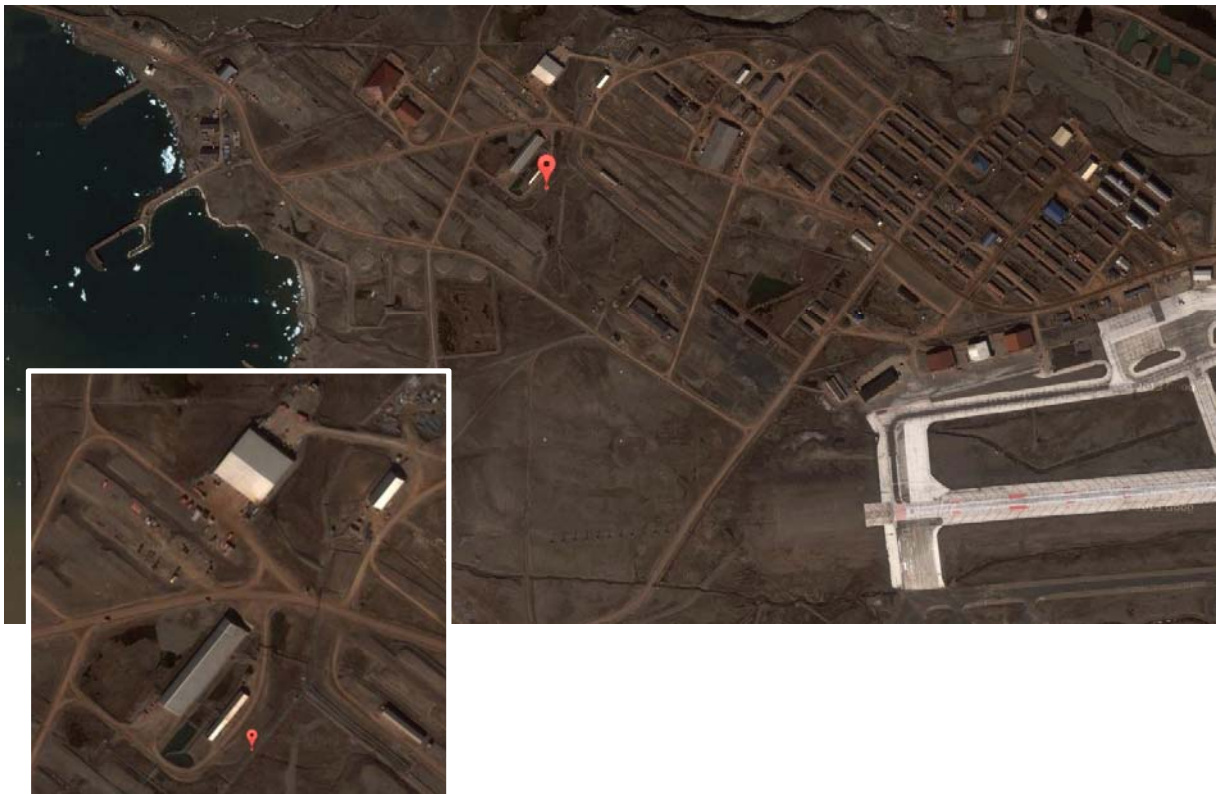
g [μ Gal] @ 0m:	982 921 676 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point at Thule Air Base, established on a flag post fundament in 1988, first measured with A10-019 in 2009. Located near building 837. Gradient is undetermined, free-air gradient used.

Point is marked with a bolt.





Absolute gravity point description.

Location/Code:	Thule Air Base / THU3				
Lat:	76.537040	Long:	-68.824950	Height [m] (orto) :	21.00

g [μ Gal] @ 0m:	982 923 315 +/- 11	dg/dh [μ Gal/m]:	-398.9
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Description:

Point next to the *THU3* GNET GNSS site. First measured with A10-019 in September 2009. The gradient was determined in 2015.

Point marked with a bronze plate.





Absolute gravity point description.

Location/Code:	Camp Tuto – Thule Air Base / TUTO				
Lat:	76.430767	Long:	-68.339567	Height [m] (orto) :	490

g [μ Gal] @ 0m:	982 831 340 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point on the remaining concrete foundation of a building at Camp Tuto. Point is set in the NW corner of the foundation and established in September 2009.

Point is marked with a plate.





Absolute gravity point description.

Location/Code:	Timmarmiut GNET GNSS site / TIMM				
Lat:	62.535542	Long:	-42.286150	Height [m] (orto) :	313.230

g [μ Gal] @ 0m:	981 989 011 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

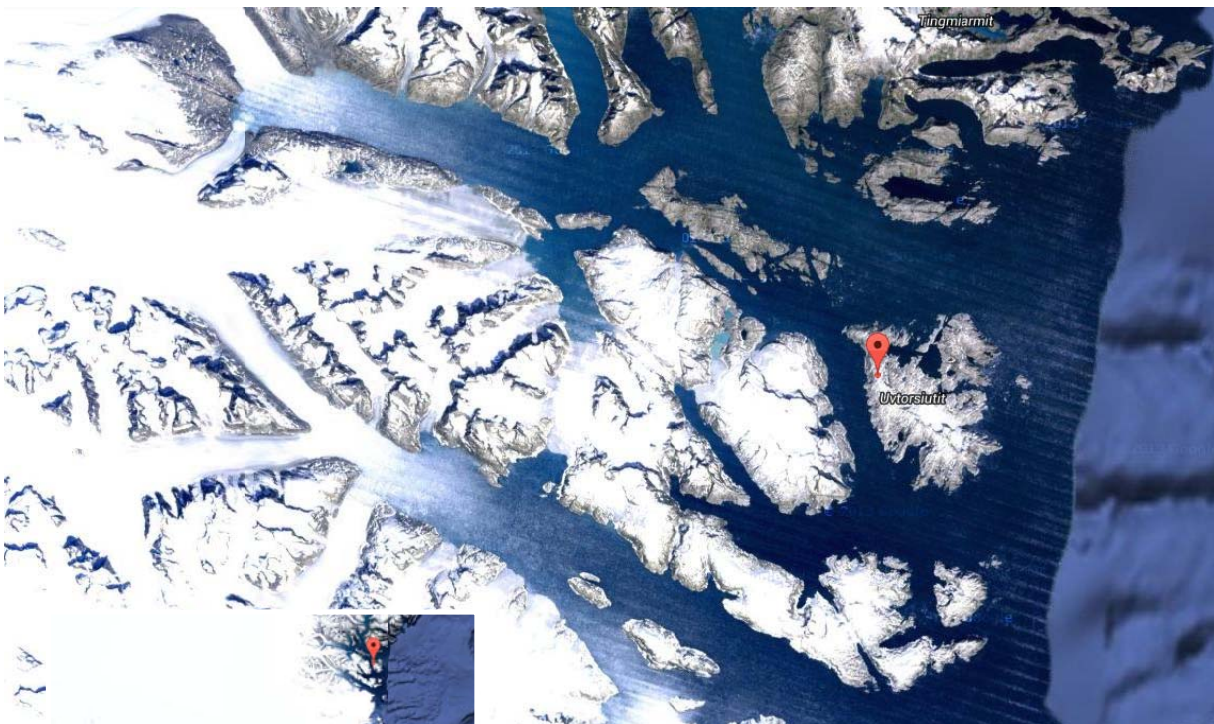
Point near the permanent GNET GNSS antenna, named TIMM established in August 2010. Gradient not measured, free-air gradient used. Measured with BKGs A10-002.

Point marked with a bolt.





AG



Absolute gravity point description.

Location/Code:	Trefoldighedens Ø GNET GNSS site / TREO				
Lat:	64.277069	Long:	-41.375075	Height [m] (orto) :	121.862

g [μ Gal] @ 0m:	982 132 043 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

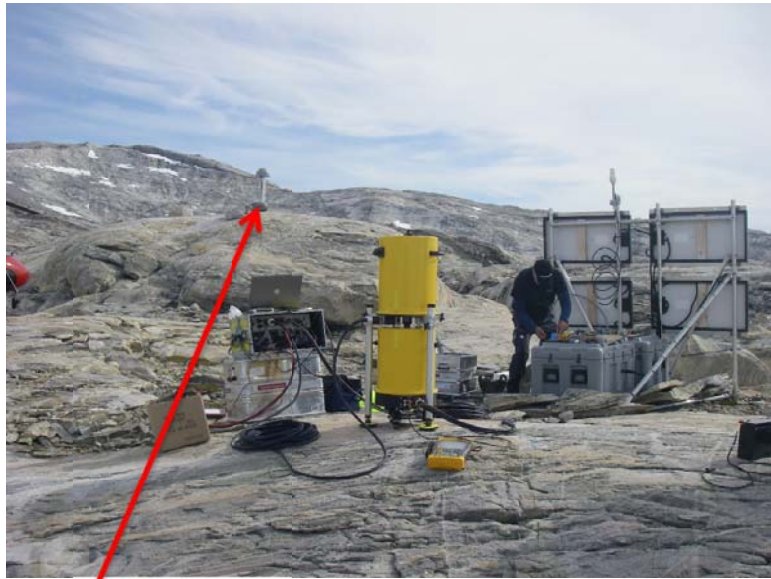
Point next to the permanent GNET GNSS antenna, named TREO established in August 2010. Gradient not measured, free-air gradient used. Measured with BKGs A10-002.

Point marked with a plate.

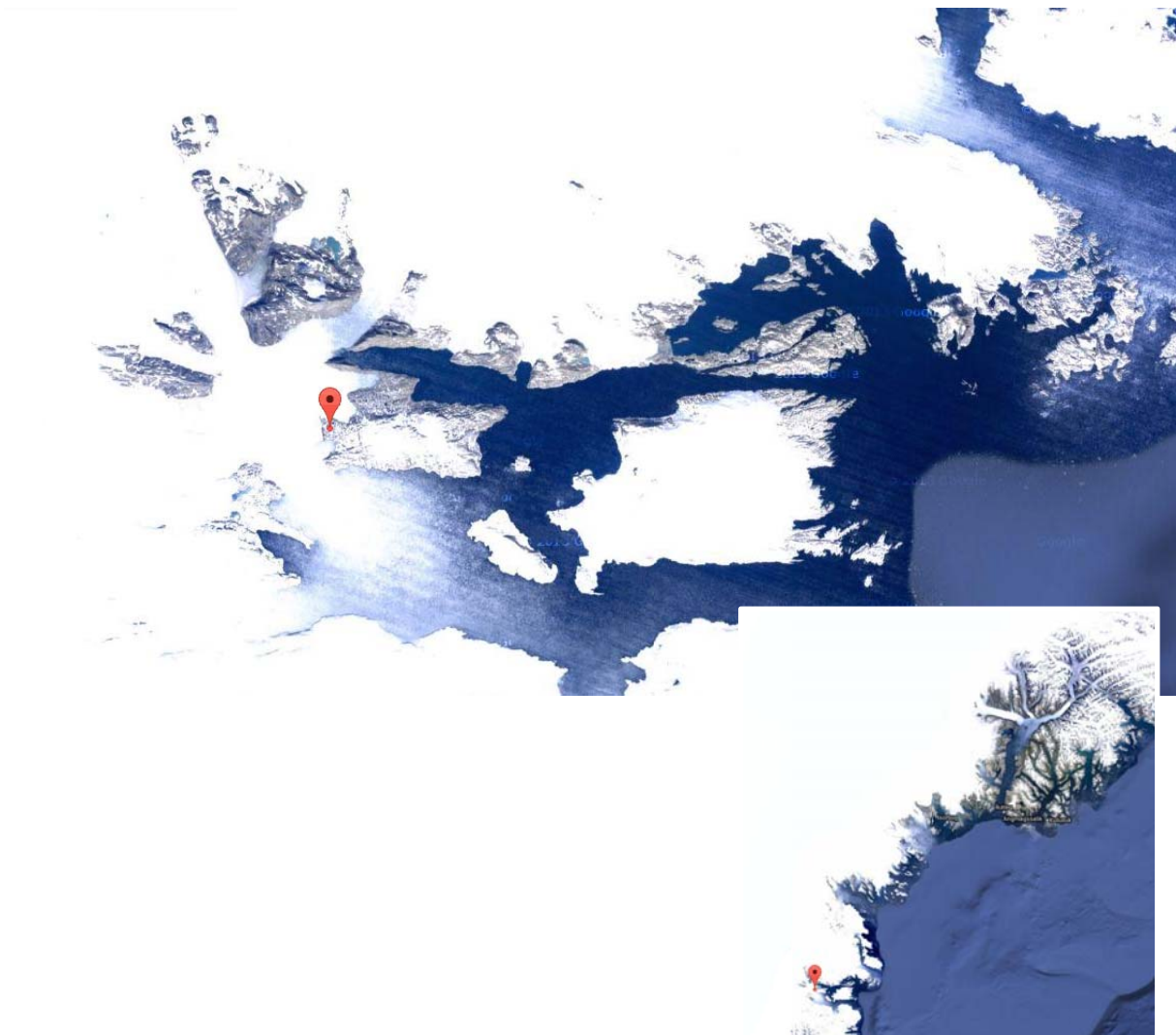




AG



GNSS



Absolute gravity point description.

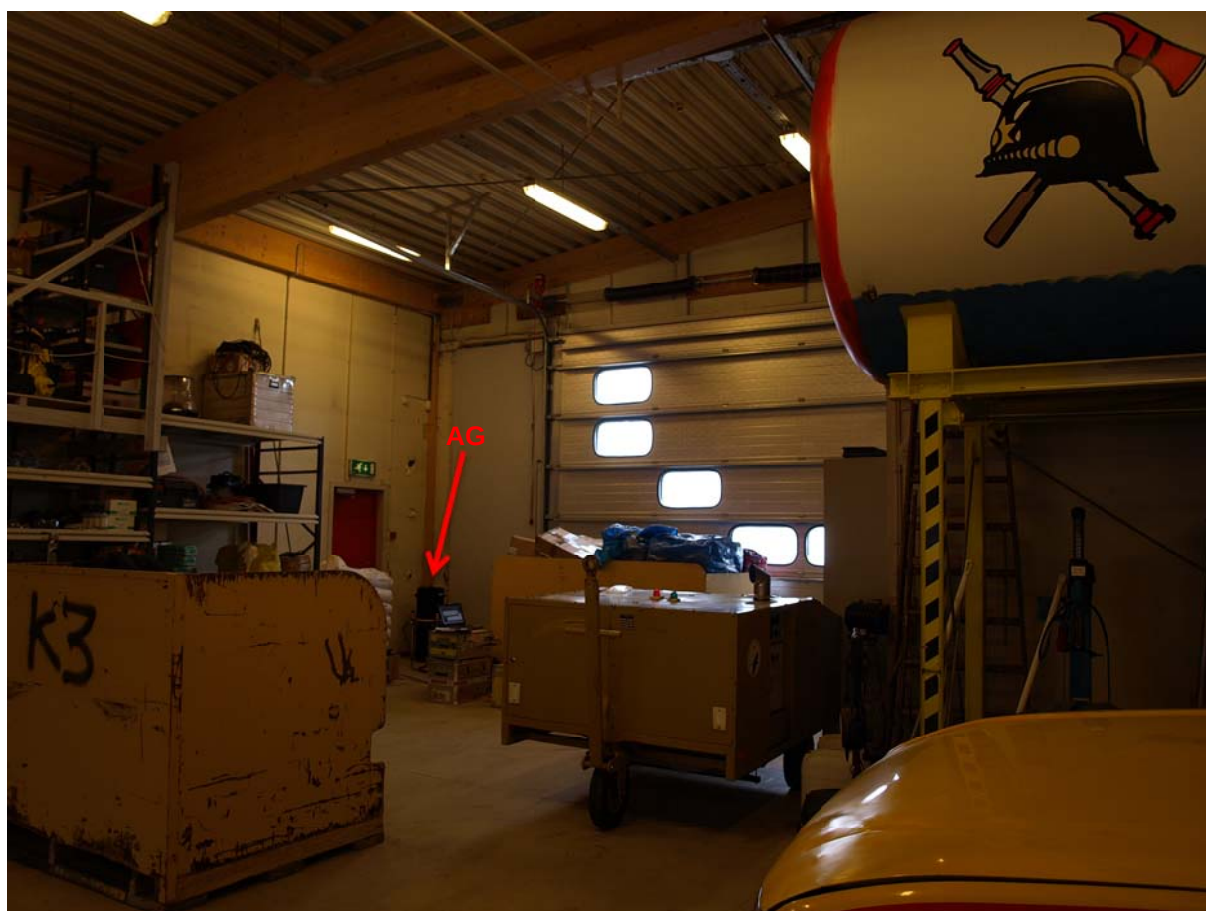
Location/Code:	Upernavik Airport / UPAI				
Lat:	72.786890	Long:	-56.129220	Height [m] (orto) :	95.00

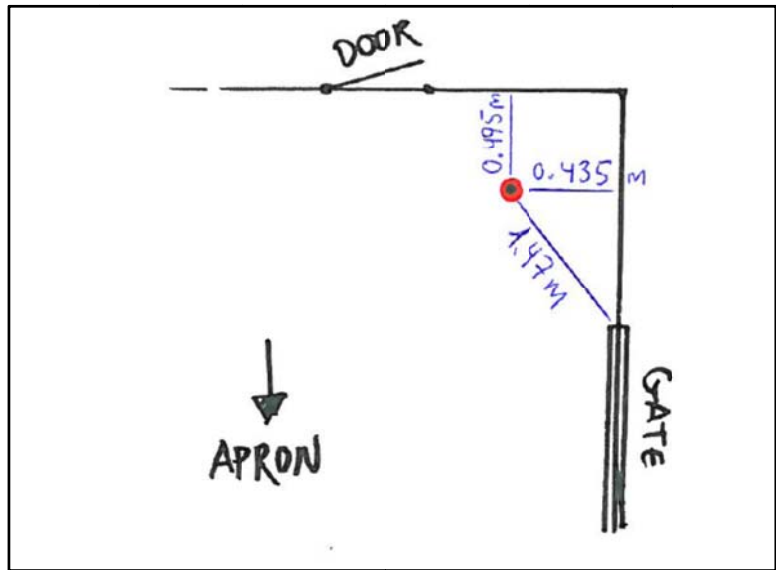
g [μ Gal] @ 0m:	982 711 043 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point in garage of Upernavik Airport. Established in May 2010. Gradient not measured, the free-air gradient is used.

Point is marked with a bolt.





Absolute gravity point description.

Location/Code:	Vestfjord gletscher GNET GNSS site / VFDG				
Lat:	70.29922	Long:	-29.81764	Height [m] (orto):	1293.50

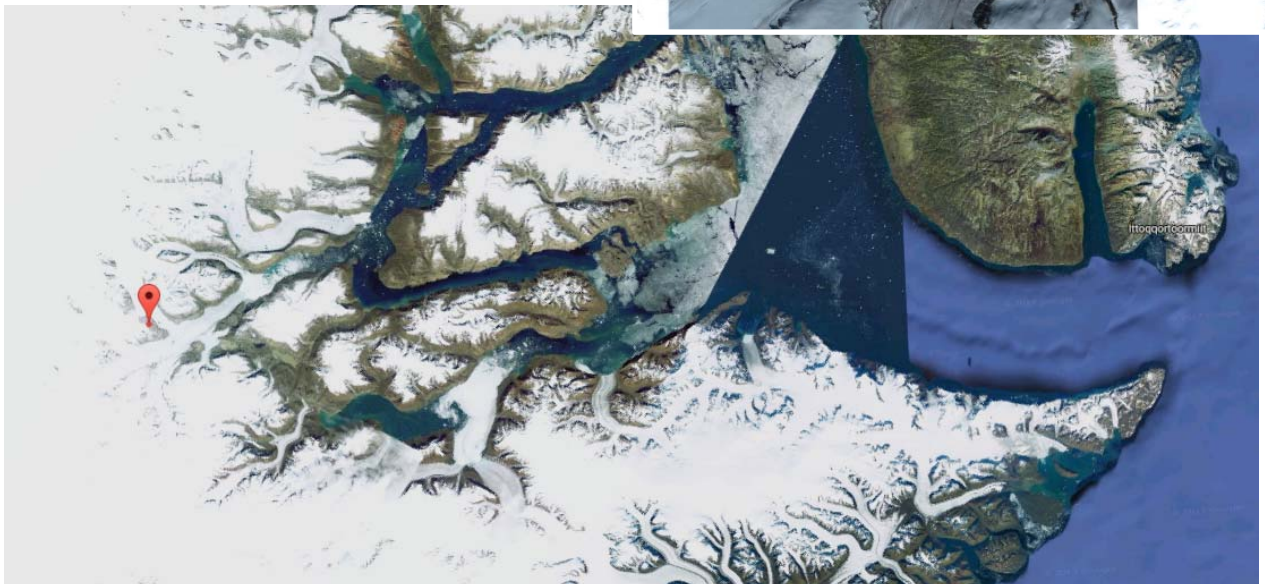
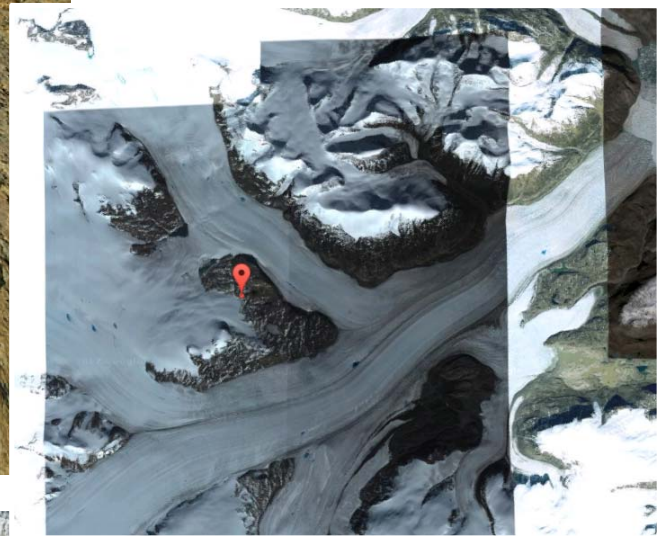
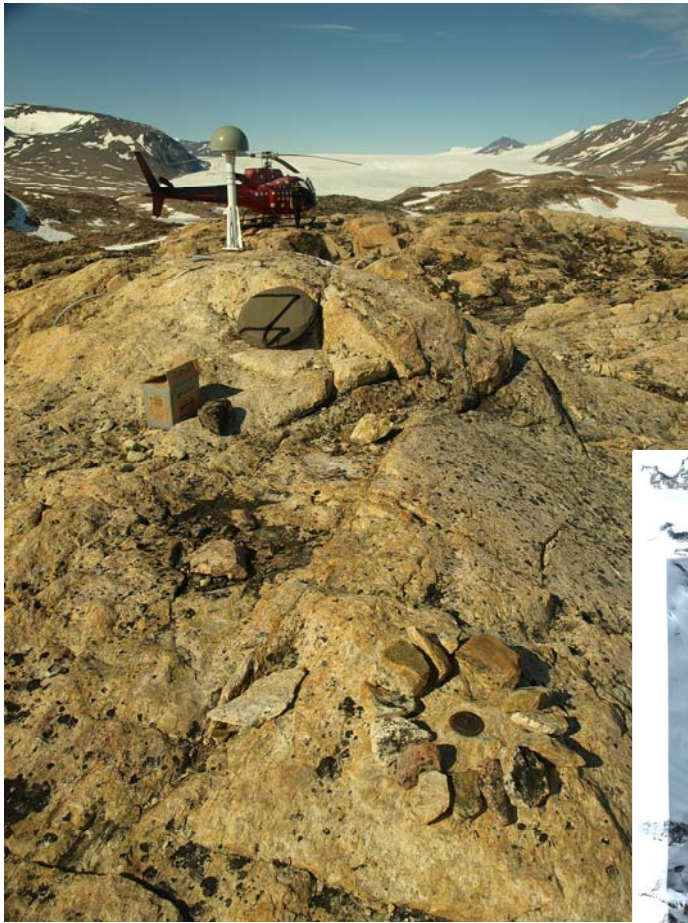
g [μ Gal] @ 0m:	982 237 586 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point at Vestfjord gletscher GNET station. First visited in July 2017. Gradient is not determined, free-air gradient used.

Point marked with a KMS bronze plate.





Absolute gravity point description.

Location/Code:	Waltershausen gletscher / WTHG				
Lat:	73.955278	Long:	-24.308889	Height [m] (orto):	1109.89

g [μ Gal] @ 0m:	982 558 088 +/- 30	dg/dh [μ Gal/m]:	-308.6
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Description:

Point near the permanent GNET GNSS station at Waltershausen gletscher. First measured in August 2017. Short measurement due to instrument problems, therefore the increased uncertainty.

Point marked with a KMS bronze plate.





Absolute gravity point description.

Location/Code:	Upper Timmiarmiut GNET GNSS site / UTMG				
Lat:	62.927205	Long:	-43.306418	Height [m] (orto) :	1471.052

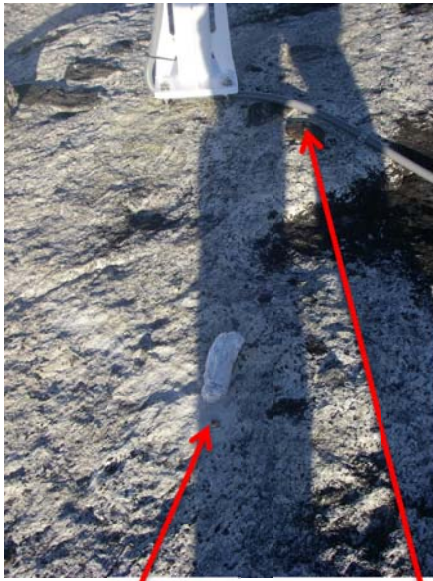
g [μ Gal] @ 0m:	981 758 450 +/- 11	dg/dh [μ Gal/m]:	-308.6
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Description:

Point next to the permanent GNET GNSS antenna, named UTMG established in August 2010. Gradient not measured, free-air gradient used. Measured with BKGs A10-002.

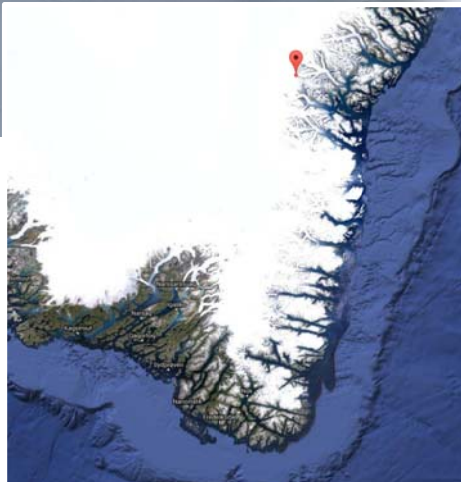
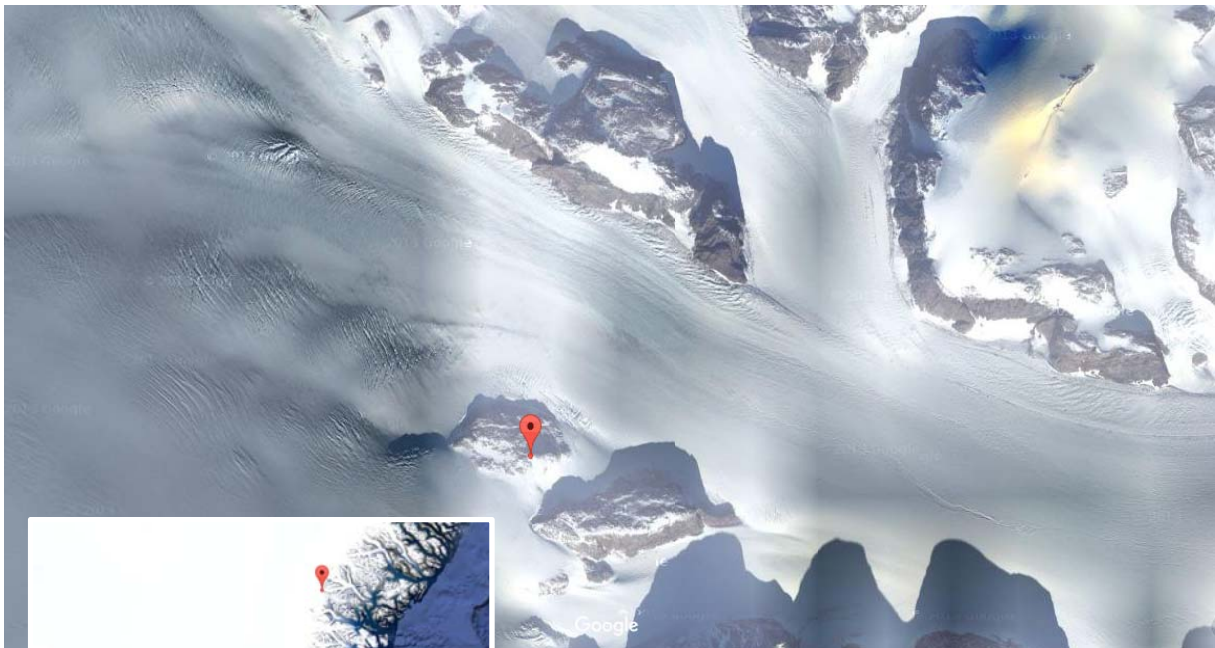
Point marked with a bolt.





AG bolt

Plate



G Greenlandic measurements 2005-2017

Greenland

Location	Code	Lat. [°]	Long. [°]	Elev. [m]	dg/dz [$\mu\text{Gal}/\text{m}$]
Instrument	Date	g @ 0m [μGal]	g @ h [μGal]	h [m]	#drops
Aasiaat Airport	AASA	68.72000	-52.79200	19.00	-260.0
A10-019	20090625	982475521 $\pm$ 11	982475334 $\pm$ 11	0.718	1200
A10-019	20090625	982475521 $\pm$ 11	982475334 $\pm$ 11	0.718	600
A10-019	20090625	982475539 $\pm$ 11	982475352 $\pm$ 11	0.718	1200
A10-019	20090625	982475527 $\pm$ 11	982475340 $\pm$ 11	0.718	1200
A10-019	20090626	982475530 $\pm$ 11	982475343 $\pm$ 11	0.718	1000
Astrup Kystland (GNET)	ASKY	75.72613	-58.25735	687.3	-308.6
A10-019	20090924	982725385 $\pm$ 14	982725142 $\pm$ 14	0.788	600
Constable Pynt	CNPT	70.74380	-22.64613	14.00	-298.0
A10-019	20170728	982614845 $\pm$ 11	982614631 $\pm$ 11	0.718	1412
A10-019	20170728	982614846 $\pm$ 11	982614632 $\pm$ 11	0.718	1375
A10-019	20170807	982614835 $\pm$ 11	982614621 $\pm$ 11	0.718	8569
Daneborg	DANE	74.30892	-20.22808	10.00	-283.8
A10-019	20170804	982839098 $\pm$ 11	982838894 $\pm$ 11	0.718	11473
Daneborg	DNBG	74.30669	-20.22664	4.00	-308.6
A10-019	20170804	982838900 $\pm$ 11	982838677 $\pm$ 11	0.718	1434
A10-019	20170804	982838913 $\pm$ 11	982838692 $\pm$ 11	0.718	1419
Danmarkshavn (GNET)	DKHV	76.77107	-18.65567	53.437	-296.8
A10-019	20150825	982944532 $\pm$ 11	982944298 $\pm$ 11	0.788	600
Daugaard Jensen Gletscher (GNET)	DGJG	71.78653	-29.85020	1494.10	-308.6
A10-019	20170728	982297258 $\pm$ 11	982297025 $\pm$ 11	0.754	344
A10-019	20170728	982297259 $\pm$ 11	982297026 $\pm$ 11	0.754	466
Hamberg Gletscher (GNET)	HMBG	73.67611	-29.12917	1276.00	-308.6
A10-019	20170803	982352420 $\pm$ 11	982351964 $\pm$ 11	0.759	1073
Helheim Glacier (GNET)	HEL2	66.401170	-38.215670	424.00	-308.6
A10-019	20090807	982222923 $\pm$ 12	982222677 $\pm$ 12	0.798	600
A10-002	20100824	982222978 $\pm$ 14	982222746 $\pm$ 14	0.7515	1400
A10-002	20100824	982222985 $\pm$ 11	982222753 $\pm$ 11	0.7515	1050
Helheim Glacier	HEL1	66.38583	-38.11488	204.00	-308.6
A10-019	20090803	982253101 $\pm$ 11	982252879 $\pm$ 11	0.718	600
A10-019	20090803	982253091 $\pm$ 12	982252869 $\pm$ 12	0.718	600
Hjørnefjeldet (GNET)	HJOR	63.41833	-41.14778	763.00	-308.6
A10-002	20100821	981962988 $\pm$ 11	981962756 $\pm$ 11	0.7645	1050
A10-002	20100821	981962979 $\pm$ 11	981962744 $\pm$ 11	0.7615	700
Ilulissat Airport	ILUL	66.401170	-51.066050	14.00	-292.0
A10-019	20090623	982486842 $\pm$ 11	982486632 $\pm$ 11	0.718	800
A10-019	20090623	982486854 $\pm$ 11	982486644 $\pm$ 11	0.718	600
A10-019	20090624	982486849 $\pm$ 11	982486639 $\pm$ 11	0.718	1200
A10-019	20090624	982486851 $\pm$ 11	982486641 $\pm$ 11	0.718	800
A10-019	20090624	982486851 $\pm$ 11	982486641 $\pm$ 11	0.718	800
A10-019	20100521	982486852 $\pm$ 11	982486642 $\pm$ 11	0.718	800
A10-019	20100521	982486840 $\pm$ 11	982486630 $\pm$ 11	0.718	600
A10-019	20100521	982486853 $\pm$ 11	982486643 $\pm$ 11	0.718	600
A10-019	20160814	982486816 $\pm$ 11	982486606 $\pm$ 11	0.718	1200
A10-019	20160814	982486811 $\pm$ 11	982486601 $\pm$ 11	0.718	1200

Greenland

Location	Code	Lat. [°]	Long. [°]	Elev. [m]	dg/dz [$\mu\text{Gal}/\text{m}$]
Instrument	Date	g @ 0m [μGal]	g @ h [μGal]	h [m]	#drops
Isortoq (GNET)	ISOR	65.546620	-38.974630	83.00	-308.6
A10-019	20090803	982253749 $\pm$ 11	982253527 $\pm$ 11	0.718	600
A10-019	20090803	982253738 $\pm$ 11	982253516 $\pm$ 11	0.718	600
A10-002	20100824	982253732 $\pm$ 11	982253499 $\pm$ 11	0.7555	1050
A10-002	20100824	982253734 $\pm$ 11	982253501 $\pm$ 11	0.7555	700
Kangerlussuaq	SFJ1	67.153470	-50.061060	502.00	-333.0
A10-019	20090617	982300084 $\pm$ 13	982299818 $\pm$ 13	0.798	1200
A10-019	20090617	982300094 $\pm$ 12	982299855 $\pm$ 12	0.718	1000
A10-019	20150805	982300064 $\pm$ 11	982299800 $\pm$ 11	0.794	1200
Kangia (GNET)	KAGA	69.222220	-49.816110	149.00	-308.6
A10-019	20100522	982469857 $\pm$ 11	982469613 $\pm$ 11	0.790	600
A10-019	20100522	982469856 $\pm$ 11	982469611 $\pm$ 11	0.793	600
A10-019	20160815	982469852 $\pm$ 11	982469608 $\pm$ 11	0.792	960
A10-019	20160815	982469850 $\pm$ 11	982469606 $\pm$ 11	0.792	960
Kap Agassiz (GNET)	KAGZ	79.131960	-65.852950	86.54	-308.6
A10-019	20090914	982968440 $\pm$ 11	982968197 $\pm$ 11	0.789	600
A10-019	20090914	982968422 $\pm$ 18	982968179 $\pm$ 18	0.789	1200
Kapisilit (GNET)	KAPI	64.432310	-50.271640	70.00	-378.5
A10-019	20090619	982158103 $\pm$ 11	982157831 $\pm$ 11	0.718	800
Kellyville	KELY	66.98711	-50.94250	195.0	-331.6
A10-019	20150904	982347028 $\pm$ 11	982156790 $\pm$ 11	0.718	1200
Køge Bugt (GNET)	KBUG	65.143670	-41.157500	291.00	-308.6
A10-019	20090805	982157671 $\pm$ 11	982157430 $\pm$ 11	0.782	800
A10-002	20100822	982157638 $\pm$ 11	982157402 $\pm$ 11	0.7635	1050
A10-002	20100826	982157648 $\pm$ 11	982157411 $\pm$ 11	0.7665	1050
Kulusuk (GNET)	KULU	65.577590	-37.156320	14.00	-308.6
A10-019	20090807	982337501 $\pm$ 11	982337252 $\pm$ 11	0.807	1200
A10-019	20090807	982337485 $\pm$ 11	982337237 $\pm$ 11	0.805	1200
A10-019	20090807	982337478 $\pm$ 11	982337230 $\pm$ 11	0.804	1000
A10-002	20100824	982337487 $\pm$ 11	982337248 $\pm$ 11	0.7755	700
A10-002	20100824	982337481 $\pm$ 11	982337242 $\pm$ 11	0.7755	700
Kulusuk Airport	KULA	65.57457	-37.13368	17.00	-308.6
A10-002	20100823	982333459 $\pm$ 11	982333222 $\pm$ 11	0.7685	1050
A10-002	20100823	982333452 $\pm$ 11	982333215 $\pm$ 11	0.7685	1050
Lynæs (GNET)	LYNS	64.430500	-40.198170	174.00	-308.6
A10-019	20090805	982173159 $\pm$ 11	982172899 $\pm$ 11	0.841	800
A10-002	20100822	982173138 $\pm$ 11	982172904 $\pm$ 11	0.7565	1050
Marie Gletscher (GNET)	MARG	77.187040	-65.694620	670.57	-308.6
A10-019	20090926	982784239 $\pm$ 11	982783997 $\pm$ 11	0.783	500
Mestersvig (GNET)	MSVG	72.24080	-23.91280	37.00	-308.6
A10-019	20170729	982681198 $\pm$ 11	982680976 $\pm$ 12	0.718	711
A10-019	20170729	982681204 $\pm$ 11	982680983 $\pm$ 12	0.718	587
Mestersvig Terminal	MSVT	72.23450	-23.91590	2.00	-308.6
A10-019	20170729	982684498 $\pm$ 11	982684276 $\pm$ 11	0.718	923
A10-019	20170729	982684488 $\pm$ 11	982684266 $\pm$ 11	0.718	13516
A10-019	20170730	982684480 $\pm$ 11	982684259 $\pm$ 11	0.718	7885

Greenland

Location	Code	Lat. [°]	Long. [°]	Elev. [m]	dg/dz [$\mu\text{Gal}/\text{m}$]
Instrument	Date	g @ 0m [μGal]	g @ h [μGal]	h [m]	#drops
Narsarsuaq Airport	NARA	61.16250	-45.41644	27.00	-306.8
A10-002	20100819	981922325 $\pm$ 11	981922114 $\pm$ 11	0.683	1050
A10-002	20100819	981922288 $\pm$ 11	981922077 $\pm$ 11	0.683	1050
A10-002	20100820	981922329 $\pm$ 11	981922091 $\pm$ 11	0.7715	1050
A10-002	20100820	981922310 $\pm$ 11	981922072 $\pm$ 11	0.7695	1050
Nuuk (Town hall)	NUUK	64.177830	-51.740330	23.10	-284.4
FG5-216	20050726	982190653 $\pm$ 02	982190283 $\pm$ 02	1.300	7200
A10-019	20090621	982190654 $\pm$ 11	982190450 $\pm$ 11	0.718	600
A10-019	20090621	982190654 $\pm$ 11	982190450 $\pm$ 11	0.718	600
A10-019	20090621	982190650 $\pm$ 11	982190446 $\pm$ 11	0.718	600
A10-019	20090621	982190651 $\pm$ 11	982190447 $\pm$ 11	0.718	600
A10-019	20090621	982190659 $\pm$ 11	982190455 $\pm$ 11	0.718	600
Pilappik (GNET)	PLPK	66.89778	-34.03333	122.00	-308.6
A10-002	20100823	982393880 $\pm$ 11	982393644 $\pm$ 11	0.7635	1050
A10-002	20100823	982393899 $\pm$ 12	982393653 $\pm$ 12	0.7985	1050
Qasigiannguit	QASI	68.801170	-50.462970	502.40	-308.6
A10-019	20100527	982374506 $\pm$ 11	982374262 $\pm$ 11	0.791	600
A10-019	20100527	982374515 $\pm$ 11	982374271 $\pm$ 11	0.791	600
A10-019	20100527	982374505 $\pm$ 11	982374261 $\pm$ 11	0.791	600
Qaarsut Airport	QARA	70.732200	-52.696720	60.00	-308.6
A10-019	20100524	982576145 $\pm$ 11	982575898 $\pm$ 11	0.800	800
A10-019	20100524	982576156 $\pm$ 11	982575934 $\pm$ 11	0.718	800
Qaarsut (GNET)	QAAR	70.740420	-52.688290	20.00	-308.6
A10-019	20100524	982588288 $\pm$ 11	982588042 $\pm$ 11	0.796	600
A10-019	20100524	982588309 $\pm$ 11	982588064 $\pm$ 11	0.795	600
A10-019	20100525	982588314 $\pm$ 11	982588069 $\pm$ 11	0.795	600
Qeqertarsuaq (GNET)	GODH	69.252400	-53.52100	18.00	-273.2
A10-019	20160816	982500667 $\pm$ 11	982500471 $\pm$ 11	0.718	4200
Rink Isbræ (GNET)	RINK	71.848500	-50.993970	1337.82	-308.6
A10-019	20100522	982356161 $\pm$ 11	982355914 $\pm$ 11	0.802	600
A10-019	20100522	982356170 $\pm$ 11	982355922 $\pm$ 11	0.805	600
Scorsbysund Heliport	SCBY	70.48786	-21.97192	80.00	-427.6
A10-019	20170807	982639363 $\pm$ 11	982639030 $\pm$ 11	0.780	820
A10-019	20170807	982639346 $\pm$ 12	982639012 $\pm$ 12	0.783	461
Sisimiut ARTEK	SIAR	66.934140	-53.660460	38.00	-272.8
A10-019	20090628	982402352 $\pm$ 11	982402156 $\pm$ 11	0.718	1200
A10-019	20090628	982402364 $\pm$ 11	982402168 $\pm$ 11	0.718	1000
A10-019	20090628	982402361 $\pm$ 11	982402165 $\pm$ 11	0.718	1200
A10-019	20090628	982402365 $\pm$ 11	982402169 $\pm$ 11	0.718	1000
A10-019	20090628	982402362 $\pm$ 11	982402166 $\pm$ 11	0.718	1000
A10-019	20090628	982402356 $\pm$ 11	982402160 $\pm$ 11	0.718	1200
Sisimiut Airport	SISA	66.952030	-53.722110	17.00	-292.0
A10-019	20090627	982415324 $\pm$ 11	982415114 $\pm$ 11	0.718	600
A10-019	20090627	982415317 $\pm$ 11	982415107 $\pm$ 11	0.718	2400
A10-019	20090627	982415322 $\pm$ 11	982415112 $\pm$ 11	0.718	1000
A10-019	20090627	982415332 $\pm$ 11	982415122 $\pm$ 11	0.718	1200
A10-019	20090628	982415325 $\pm$ 11	982415115 $\pm$ 11	0.718	1600
A10-019	20090627	982415315 $\pm$ 11	982415105 $\pm$ 11	0.718	1000

Greenland

Location	Code	Lat. [°]	Long. [°]	Elev. [m]	dg/dz [$\mu\text{Gal}/\text{m}$]
Instrument	Date	g @ 0m [μGal]	g @ h [μGal]	h [m]	#drops
Station Nord	NORD	81.59633	-16.65967	35.00	-279.0
A10-019	20130814	983068772 $\pm$ 11	983068572 $\pm$ 11	0.718	1000
A10-019	20130814	983068777 $\pm$ 11	983068577 $\pm$ 11	0.718	4800
A10-019	20130815	983068780 $\pm$ 11	983068580 $\pm$ 11	0.718	1200
A10-019	20130816	983068776 $\pm$ 11	983068576 $\pm$ 11	0.718	23520
Tasiilaq Airport	TAS1	65.612170	-37.619500	9.00	-376.0
A10-019	20090804	982322724 $\pm$ 11	982322454 $\pm$ 11	0.718	1200
A10-019	20090804	982322724 $\pm$ 11	982322454 $\pm$ 11	0.718	600
Tasiilaq Airport	TAS2	65.612170	-37.619500	9.00	-340.6
A10-019	20090804	982322994 $\pm$ 11	982322710 $\pm$ 11	0.835	1200
A10-019	20090804	982322949 $\pm$ 12	982322684 $\pm$ 12	0.776	1200
Thule	TAB1	76.538330	-68.801670	26.85	-308.6
A10-019	20090912	982921533 $\pm$ 11	982921311 $\pm$ 11	0.718	1200
A10-019	20090912	982921541 $\pm$ 11	982921319 $\pm$ 11	0.718	1200
A10-019	20090912	982921539 $\pm$ 11	982921317 $\pm$ 11	0.718	1200
A10-019	20090912	982921535 $\pm$ 11	982921313 $\pm$ 11	0.718	1200
A10-019	20100910	982921544 $\pm$ 11	982921322 $\pm$ 11	0.718	800
A10-019	20100910	982921539 $\pm$ 11	982921317 $\pm$ 11	0.718	600
A10-019	20140912	982921532 $\pm$ 11	982921310 $\pm$ 11	0.718	30000
Thule	TAB2	76.537920	-68.796720	26.91	-308.6
A10-019	20090928	982921678 $\pm$ 11	982921456 $\pm$ 11	0.718	600
A10-019	20090928	982921674 $\pm$ 11	982921452 $\pm$ 11	0.718	600
Thule (GNET)	THU3	76.537040	-68.824950	21.00	-398.9
A10-019	20090912	982923318 $\pm$ 11	982922999 $\pm$ 11	0.800	1200
A10-019	20090923	982923324 $\pm$ 11	982923007 $\pm$ 11	0.796	800
A10-019	20090923	982923335 $\pm$ 11	982923017 $\pm$ 11	0.796	400
A10-019	20100912	982923318 $\pm$ 11	982923003 $\pm$ 11	0.790	1000
A10-019	20100913	982923298 $\pm$ 12	982922982 $\pm$ 12	0.793	800
A10-019	20100921	982923308 $\pm$ 11	982922993 $\pm$ 11	0.790	800
A10-019	20140912	982923305 $\pm$ 11	982922989 $\pm$ 11	0.791	1440
A10-019	20140912	982923319 $\pm$ 11	982923003 $\pm$ 11	0.791	720
A10-019	20150829	982923313 $\pm$ 11	982922998 $\pm$ 11	0.790	2880
Thule - Camp Tuto	TUTO	76.430767	-68.339567	490	-308.6
A10-019	20090917	982831335 $\pm$ 11	982831113 $\pm$ 11	0.718	800
A10-019	20090917	982831339 $\pm$ 12	982831117 $\pm$ 12	0.718	800
A10-019	20100914	982831346 $\pm$ 11	982831102 $\pm$ 11	0.790	600
A10-019	20100914	982831340 $\pm$ 11	982831096 $\pm$ 11	0.790	600
Timmiarmiut (GNET)	TIMM	62.53556	-42.28611	313.00	-308.6
A10-002	20100821	981989011 $\pm$ 11	981988773 $\pm$ 11	0.7695	1050
A10-002	20100821	981989013 $\pm$ 11	981988775 $\pm$ 11	0.7695	1050
Trefoldighedens Ø	TREO	64.27694	-41.3750	122.00	-308.6
A10-002	20100822	982132051 $\pm$ 11	982131819 $\pm$ 11	0.7525	1050
A10-002	20100822	982132035 $\pm$ 11	982131801 $\pm$ 11	0.7565	1050
Upernavik Airport	UPAI	72.786890	-56.129220	95.00	-308.6
A10-019	20100525	982711031 $\pm$ 11	982710809 $\pm$ 11	0.718	600
A10-019	20100525	982711042 $\pm$ 11	982710820 $\pm$ 11	0.718	600
A10-019	20100526	982711043 $\pm$ 11	982710821 $\pm$ 11	0.718	600
A10-019	20100526	982711054 $\pm$ 11	982710832 $\pm$ 11	0.718	600

Greenland

Location	Code	Lat. [°]	Long. [°]	Elev. [m]	dg/dz [$\mu\text{Gal}/\text{m}$]
Instrument	Date	g @ 0m [μGal]	g @ h [μGal]	h [m]	#drops
Vestfjord Gletscher (GNET)	VFDG	70.30000	-29.81800	1238.00	-308.6
A10-019	20170728	982237586 $\pm$ 11	982237354 $\pm$ 11	0.752	712
Waltershausen Gletscher (GNET)	WTHG	73.95528	-24.30889	1109.89	-308.6
A10-019	20170803	982558323 $\pm$ 11	982558088 $\pm$ 11	0.760	141
Øvre Timmiarmiut	UTMG	62.92722	-43.30639	1471.00	-308.6
A10-002	20100810	981758451 $\pm$ 11	981758214 $\pm$ 11	0.7675	1050
A10-002	20100810	981758451 $\pm$ 11	981758214 $\pm$ 11	0.7665	700

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