

ECGN Stations

Status: 2010-07-15

Countries: 21, # Stations: 73

Country	Site Name	Station Code (GPS)	GPS Status (EPN)	absolute gravity measurement	Super conducting gravimeter (SG)	Levelling	Tide Gauge	EUVN point (close to ECGN point)	SLR	VLBI	Meterology	other Technologies	Comment	Status
		[..] code not available, temporary defined code	(p) = planned			1=UELN 2=national network							comment and necessary supplements/arrangements	core ok c = candidate p = proposed a = preliminary admitted
AT														
AT	Graz	GRAZ	EPN	1998-2004		1	no	GRAZ	permanent since 1982		yes			ok
AT	Bregenz, Pfaender, Moos	PFAN	EPN	1988 Bregenz, 2004, 2005	no	1	no	PFAN	no	no				ok
AT	Pernitz / Trafelberg	TRFB	EPN	2003, 2004	since 2005	2	no	no	no	no	yes	seismometer	UELN	ok
BG														
BG	Rozhen	[ROZH]	perm	planned			no	no						p
BG	Sofia	SOFI	EPN	1998, 2001 form UNIGRAC Station PLANA ~9 km		2	no	BG03					eccentricity, UELN	ok
BG	Varna	[VARN]	perm (p)	UNIGRACE Station		2	yes	BG04						p
CH														
CH	Zimmerwald	ZIMM	EPN	1997, 2004, time series planned		1	no	ZIMM	permanent		yes	Earth tide gravimeter, astro measurements (zenith camera), astronomic project CQSSP - link to astron. reference system), meas. of high-frequency gravity variations		core
CZ														
CZ	Ondrejov, Pecny, Geodetic Observatory	GOPE	EPN	time series since 1978, now own FG5	since 2007	1	no	GOPE			yes	relative gravity measurements, tidal gravity variations		core
DE														
DE	Bad Homburg	BADH	EPN	time series	since 1983	2	no	no			no		UELN	ok
DE	Helgoland Island	HELG	EPN	1997, 2001, 2003, 2006	no	2 Island	yes (since 1924)	no	no	no	yes			ok
DE	Moxa	MOX2	perm	2000-12, 2002-12, 2003-05, 2004-02 and 06, 2005-03 and 11, 2006-05 and 11	yes	1	no	no	no	no	yes		EPN	ok
DE	Sassnitz	SASS	EPN	May 2003	planned	1	yes (since 1882)	no	no	no	yes			ok
DE	Wetzell	WTZR	EPN	twice a year	yes	1	no	WTZR	permanent since 1988	permanent since 1983	yes			core

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DK														
DK	Smidstrup, Velje	SMID	EPN	planned		1	no	no					AG	ok
DK	Suldrup	SULD	EPN	planned		1	no	no					AG	ok
DK	Qaqortoq, Julianehaab (Greenland)	QAQ1	EPN	planned			yes	no			yes		AG	ok
EE														
EE	Suurupi	[SUUR]	perm (communication problems)	1995 + planned		1		EE02					EPN	ok
ES														
ES	A Coruna	ACOR	EPN	in study		1	yes	ES05					AG	c
ES	Albacete	ALBA	perm	in study			no	no						p
ES	Alicante	ALAC	EPN	1998, planned for 2003		1	yes	ES01						ok
ES	Almeria	ALME	EPN	planned for 2003		1	yes	ES02					AG	ok
ES	Caceres	CACE	EPN	in study			no	no						p
ES	Ceuta	CEUT	EPN	1994, 1998			yes	no					UELN	ok
ES	Huelva	HUEL	perm	in study			yes	no						p
ES	La Palma / Roque de los Muchachos Observatory	LPAL	EPN			Island	no	no						p
ES	La Rioja	RIOJ	perm	2002			no	no					EPN, UELN	c
ES	Malaga	MALA	perm	2002			yes	no					EPN, UELN	c
ES	Palma de Mallorca	MALL	EPN	in study		2 Island	yes	ES06					AG, UELN	c
ES	Santander	CANT	EPN	planned for 2003		1	yes	ES08					AG	ok
ES	Sonseca	SONS	perm	2002			no	no				seismograph	EPN, UELN	c
ES	Valencia	VALE	EPN	2002			yes	no					UELN	ok
ES	Vigo	VIGO	perm	in study			yes	no						p
ES	Yebes	YEBE	EPN	planned for 2003			no	no		permanent		radioastronomy	AG, UELN	ok
FI														
FI	Degerby	[DEGE]	perm			1	yes	FI01					EPN, AG	ok
FI	Joensuu	JOEN	EPN	1999		1	no	JOEN						ok
FI	Kirkkonummi / Metsähovi	METS	EPN	time series	yes	1	yes	METS	permanent	mobile (1989), permanent in 2003		DORIS (permanent), GLONASS		core
FI	Sodankylä	SODA	EPN	1976, 1980, 1988, 1992, 1998		1	no	SODA						ok
FI	Vaasa	VAAS	EPN	1995, 1999		1	yes	VAAS						ok

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FR	Brest	BRST	EPN	1998, 1999, 2001, 2003		1	yes	FR04		mobile	in study			ok
FR	Strasbourg STJ9	STJ9	perm	time series, 1997 - ongoing	yes		no	no				water table gauge 1987-ongoing, relative grav. measurements, seisometer	EPN, UELN	core
FR	Welschbruch, Vogese Mountains	WELS	perm	time series, 1997 - ongoing			no	no					EPN, UELN	ok
IS	Hoefn	HOFN	EPN	1997, 1998		no		HOFN		mobile (1992)		PRARE (permanent)		p
IS	Reykjavik	REYK	EPN	1988, 1997		no	yes	REYK				DORIS (permanent)		p
IT	Bologna	BOLG	EPN	Jan 2002, Jan 2003, Aug 2003			no				yes	INSAR-data	UELN	ok
IT	Medicina (University of Bologna)	MSEL	EPN	time series since 1996	yes		no	MEDI		yes	yes	axis bi-axial tiltmeters, INSAR-data, geological surveys, water table level variations	UELN	(core)
LT	Vilnius	VLNS	EPN	1994, 2002, Exz. GPS-Grav ~8 km		1	no	LT02					eccentricity	ok
LV	Irbene	[IRBE]	perm			1		LV04		yes		radioastronomy	EPN, AG	ok
LV	Riga	RIGA	EPN	1995, 1996, 2004		1	yes	RIGA	permanent					ok
MD	Balti	[BALT]	no				no	no						p
MD	Chisinau	[CHIS]	no				no	no						p
MD	Comrat	[COMR]	no				no	no						p
NL	IJmuiden	[IJMU]	perm (p)			2	yes						EPN, UELN	ok
NL	West-Terschelling	TERS	EPN			1	yes	TERS						ok
NL	Westerbork	WSRT	EPN	yes	planned	1	no	WSRT	infra-structure available	yes	yes	Earth tide gravimeter		ok
NO	Bodoe	[BODO]	perm					no						p
NO	Ny-Alesund NYA1 (EPN) / NYAL	NYA1 / NYAL	EPN	1998, 2000, 2001, time series	yes		yes	NYAL	yes	permanent		DORIS, PRARE	UELN	core
NO	Stavanger STAS (EPN) / STAV	STAS / STAV	EPN	1991, 1993, 1995		1	yes	NO02						ok
NO	Tromsøe TRO1	TRO1	EPN	1992, 1993, 1995, 1998			yes	TROM	mobile	mobile (Aug 1997)		SATREF	UELN	ok
NO	Trondheim TRDS (EPN) / TRON	TRDS / TRON	EPN	1995, 1998			yes	no		mobile			UELN	ok
NO	Trysil	[TRYS]	perm	1991, 1993, 1998, 2001, 2003			no	no		mobile			UELN, EPN	ok
NO	Vardoe	VARS	EPN			1	yes	NO12						p

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PL	Borowa Gora	BOGO	EPN	1980, 1992, 1995, 1996, 1997, 2000		1	no	BOGI				permanent magnetic station, astronomic observ., earth tide registration 2004, SLR		ok
PT	Cascais	CASC	EPN			1	yes	PT02			yes		AG	c
PT	Gaia	GAIA	EPN				yes	no			yes			p
PT	Lagos	LAGO	EPN			1	yes	PT05			yes		AG	c
SE	Boras	SPT0	EPN	2003		2		no			yes	GLONASS	UELN	ok
SE	Kiruna KIRO	KIRO	EPN	1995, 2003, 2004, 2005, 2006		1	no	KIRO				GLONASS		ok
SE	Maartsbo	MAR6	EPN	1993, 1995, 2003, 2004, 2005, 2006		1	yes	MAR6				GLONASS		ok
SE	Onsala	ONSA	EPN	1993, 1995, 1998, 2003, 2004, 2005, 2006, 2007		1	13 km	ONSA		permanent	yes	GLONASS, Radiometer		core
SE	Skelleftea, Furuögrund	SKE0	EPN	1993, 1995, 1998, 2003, 2004, 2005, 2006		1	yes	SE05				GLONASS		ok
SE	Visby	VIS0	EPN	2004, 2005		2 Island	yes	VIS0						p
UK	Hailsham / Herstmonceux	HERS	EPN	05/1996, 06/1999, Spring 2005		1	no	HERS	yes					ok
UK	Newlyn	NEWL	EPN	1995-2003		1	yes, fundamental tide gauge for GB	GB08 (10 m)						ok