

# Supported geographic coordinate systems

## Angular units of measure by PE macro

macro	code	name	radians/unit
PE_U_RADIAN	9101	Radian	1.0
PE_U_DEGREE	9102	Degree	$\pi/180$
PE_U_MINUTE	9103	Arc-minute	$(\pi/180)/60$
PE_U_SECOND	9104	Arc-second	$(\pi/180)/3600$
PE_U_GRAD	9105	Grad	$\pi/200$
PE_U_GON	9106	Gon	$\pi/200$
PE_U_MICRORADIAN	9109	Microradian	1.0E-6
PE_U_MINUTE_CENTESIMAL	9112	Centesimal minute	$\pi/20000$
PE_U_SECOND_CENTESIMAL	9113	Centesimal second	$\pi/2000000$
PE_U_MIL_6400	9114	Mil	$\pi/3200$

## Angular units of measure by ArcObjects macro

macro	code	name	radians/unit
esriSRUnit_Radian	9101	Radian	1.0
esriSRUnit_Degree	9102	Degree	$\pi/180$
esriSRUnit_Minute	9103	Arc-minute	$(\pi/180)/60$
esriSRUnit_Second	9104	Arc-second	$(\pi/180)/3600$
esriSRUnit_Grad	9105	Grad	$\pi/200$
esriSRUnit_Gon	9106	Gon	$\pi/200$
esriSRUnit_Microradian	9109	Microradian	1.0E-6
esriSRUnit_Minute_Centesimal	9112	Centesimal minute	$\pi/20000$
esriSRUnit_Second_Centesimal	9113	Centesimal second	$\pi/2000000$
esriSRUnit_Mil_6400	9114	Mil	$\pi/3200$

## Spheroids by ArcObjects macro

Macro	Code	Name	a (m)	1/f
esriSRSphereid_Airy1830	7001	Airy 1830	6377563.396	299.3249646
esriSRSphereid_ATS1977	7041	ATS 1977	6378135.0	298.257
esriSRSphereid_Australian	7003	Australian National	6378160	298.25
esriSRSphereid_AuthalicSphere	7035	Authalic sphere (WGS84)	6371000	0
esriSRSphereid_AuthalicSphereArcInfo 107008		Authalic sph (ARC/INFO)	6370997	0
esriSRSphereid_Bessel1841	7004	Bessel 1841	6377397.155	299.1528128
esriSRSphereid_BesselNamibia	7006	Bessel Namibia	6377483.865	299.1528128
esriSRSphereid_Clarke1858	7007	Clarke 1858	6378293.639	294.2606764
esriSRSphereid_Clarke1866	7008	Clarke 1866	6378206.4	294.9786982

esriSRSSpheroid_Clarke1866Michigan	7009	Clarke 1866 Michigan	6378693.704	294.9786847
esriSRSSpheroid_Clarke1880	7034	Clarke 1880	6378249.138	293.4663077
esriSRSSpheroid_Clarke1880Arc	7013	Clarke 1880 (Arc)	6378249.145	293.4663077
esriSRSSpheroid_Clarke1880Benoit	7010	Clarke 1880 (Benoit)	6378300.79	293.4662346
esriSRSSpheroid_Clarke1880IGN	7011	Clarke 1880 (IGN)	6378249.2	293.46602
esriSRSSpheroid_Clarke1880RGS	7012	Clarke 1880 (RGS)	6378249.145	293.465
esriSRSSpheroid_Clarke1880SGA	7014	Clarke 1880 (SGA)	6378249.2	293.46598
esriSRSSpheroid_SphereEMEP	107009	EMEP Sphere	6370000	0
esriSRSSpheroid_Everest1830	7042	Everest 1830	6377276.345	300.8017
esriSRSSpheroid_Everest1937	7015	Everest (Adjustment 1937)	6377276.345	300.8017
esriSRSSpheroid_Everest1962	7044	Everest (definition 1962)	6377301.243	300.8017255
esriSRSSpheroid_Everest1967	7016	Everest (definition 1967)	6377298.556	300.8017
esriSRSSpheroid_Everest1975	7045	Everest (definition 1975)	6377299.299	300.8017255
esriSRSSpheroid_Fischer1960	107002	Fischer 1960	6378166	298.3
esriSRSSpheroid_Fischer1968	107003	Fischer 1968	6378150	298.3
esriSRSSpheroid_GEM10C	7031	GEM grav potential model	6378137	298.2572221
esriSRSSpheroid_GRS1967	7036	GRS 1967 = Int'l 1967	6378160	298.247167427
esriSRSSpheroid_GRS1967Truncated	107036	GRS 1967 (Truncated)	6378160	298.25
esriSRSSpheroid_GRS1980	7019	GRS 1980	6378137	298.2572221
esriSRSSpheroid_Helmert1906	7020	Helmert 1906	6378200	298.3
esriSRSSpheroid_Hough1960	107005	Hough 1960	6378270	297
esriSRSSpheroid_Indonesian	7021	Indonesian National	6378160	298.247
esriSRSSpheroid_International1924	7022	International 1924	6378388	297
esriSRSSpheroid_International1967	7023	International 1967	6378160	298.25
esriSRSSpheroid_Krasovsky1940	7024	Krasovsky 1940	6378245	298.3
esriSRSSpheroid_ModifiedAiry	7002	Airy modified	6377340.189	299.3249646
esriSRSSpheroid_ModifiedBessel	7005	Bessel modified	6377492.018	299.1528128
esriSRSSpheroid_ModifiedEverest	7018	Everest modified	6377304.063	300.80174
esriSRSSpheroid_ModifiedEverest1969	107006	Everest Modified 1969	6377295.664	300.8017
esriSRSSpheroid_ModifiedFischer	107004	Fischer modified	6378155	298.3
esriSRSSpheroid_NWL9D	7025	Transit precise ephemeris	6378145	298.25
esriSRSSpheroid_NWL10D	7026	Was WGS 1972	6378135	298.26
esriSRSSpheroid_OSU1986F	7032	OSU 86 geoidal model	6378136.2	298.25722
esriSRSSpheroid_OSU1991A	7033	OSU 91 geoidal model	6378136.3	298.25722
esriSRSSpheroid_Plessis1817	7027	Plessis 1817	6376523	308.64
esriSRSSpheroid_SphereGRS1980_Authalic	7048	Sphere GRS 1980	6371007	0
esriSRSSpheroid_Struve1860	7028	Struve 1860	6378298.3	294.73
esriSRSSpheroid_Walbeck	107007	Walbeck	6376896	302.78
esriSRSSpheroid_WarOffice	7029	War Office	6378300.583	296
esriSRSSpheroid_WGS1966	107001	WGS 1966	6378145	298.25
esriSRSSpheroid_WGS1972	7043	WGS 1972	6378135	298.26
esriSRSSpheroid_WGS1984	7030	WGS 1984	6378137	298.2572236
esriSRSSpheroid_Xian1980	7049	Xian 1980	6378140	298.257

## Spheroids – Minnesota by ArcObjects macro

Macro	Code	Name
esriSRSSpheroid_GRS1980Adj_MinnesotaAnoka	107700	GRS 1980 Adj. Minnesota Anoka
esriSRSSpheroid_GRS1980Adj_MinnesotaBecker	107701	GRS 1980 Adj. Minnesota Becker
esriSRSSpheroid_GRS1980Adj_MinnesotaBeltramiNorth	107702	GRS 1980 Adj. Minnesota Beltrami North
esriSRSSpheroid_GRS1980Adj_MinnesotaBeltramiSouth	107703	GRS 1980 Adj. Minnesota Beltrami South
esriSRSSpheroid_GRS1980Adj_MinnesotaBenton	107704	GRS 1980 Adj. Minnesota Benton
esriSRSSpheroid_GRS1980Adj_MinnesotaBigStone	107705	GRS 1980 Adj. Minnesota Big Stone
esriSRSSpheroid_GRS1980Adj_MinnesotaBlueEarth	107706	GRS 1980 Adj. Minnesota Blue Earth
esriSRSSpheroid_GRS1980Adj_MinnesotaBrown	107707	GRS 1980 Adj. Minnesota Brown
esriSRSSpheroid_GRS1980Adj_MinnesotaCarlton	107708	GRS 1980 Adj. Minnesota Carlton
esriSRSSpheroid_GRS1980Adj_MinnesotaCarver	107709	GRS 1980 Adj. Minnesota Carver
esriSRSSpheroid_GRS1980Adj_MinnesotaCassNorth	107710	GRS 1980 Adj. Minnesota Cass North
esriSRSSpheroid_GRS1980Adj_MinnesotaCassSouth	107711	GRS 1980 Adj. Minnesota Cass South
esriSRSSpheroid_GRS1980Adj_MinnesotaChippewa	107712	GRS 1980 Adj. Minnesota Chippewa
esriSRSSpheroid_GRS1980Adj_MinnesotaChisago	107713	GRS 1980 Adj. Minnesota Chisago
esriSRSSpheroid_GRS1980Adj_MinnesotaCookNorth	107714	GRS 1980 Adj. Minnesota Cook North
esriSRSSpheroid_GRS1980Adj_MinnesotaCookSouth	107715	GRS 1980 Adj. Minnesota Cook South

esriSRSSpheroid_GRS1980Adj_MinnesotaCottonwood	107716	GRS 1980 Adj. Minnesota Cottonwood
esriSRSSpheroid_GRS1980Adj_MinnesotaCrowWing	107717	GRS 1980 Adj. Minnesota Crow Wing
esriSRSSpheroid_GRS1980Adj_MinnesotaDakota	107718	GRS 1980 Adj. Minnesota Dakota
esriSRSSpheroid_GRS1980Adj_MinnesotaDodge	107719	GRS 1980 Adj. Minnesota Dodge
esriSRSSpheroid_GRS1980Adj_MinnesotaDouglas	107720	GRS 1980 Adj. Minnesota Douglas
esriSRSSpheroid_GRS1980Adj_MinnesotaFaribault	107721	GRS 1980 Adj. Minnesota Faribault
esriSRSSpheroid_GRS1980Adj_MinnesotaFillmore	107722	GRS 1980 Adj. Minnesota Fillmore
esriSRSSpheroid_GRS1980Adj_MinnesotaFreeborn	107723	GRS 1980 Adj. Minnesota Freeborn
esriSRSSpheroid_GRS1980Adj_MinnesotaGoodhue	107724	GRS 1980 Adj. Minnesota Goodhue
esriSRSSpheroid_GRS1980Adj_MinnesotaGrant	107725	GRS 1980 Adj. Minnesota Grant
esriSRSSpheroid_GRS1980Adj_MinnesotaHennepin	107726	GRS 1980 Adj. Minnesota Hennepin
esriSRSSpheroid_GRS1980Adj_MinnesotaHouston	107727	GRS 1980 Adj. Minnesota Houston
esriSRSSpheroid_GRS1980Adj_Minnesotalanti	107728	GRS 1980 Adj. Minnesota Isanti
esriSRSSpheroid_GRS1980Adj_MinnesotalascaNorth	107729	GRS 1980 Adj. Minnesota Itasca North
esriSRSSpheroid_GRS1980Adj_MinnesotalascaSouth	107730	GRS 1980 Adj. Minnesota Itasca South
esriSRSSpheroid_GRS1980Adj_MinnesotaJackson	107731	GRS 1980 Adj. Minnesota Jackson
esriSRSSpheroid_GRS1980Adj_MinnesotaKanabec	107732	GRS 1980 Adj. Minnesota Kanabec
esriSRSSpheroid_GRS1980Adj_MinnesotaKandiyohi	107733	GRS 1980 Adj. Minnesota Kandiyohi
esriSRSSpheroid_GRS1980Adj_MinnesotaKittson	107734	GRS 1980 Adj. Minnesota Kittson
esriSRSSpheroid_GRS1980Adj_MinnesotaKoochiching	107735	GRS 1980 Adj. Minnesota Koochiching
esriSRSSpheroid_GRS1980Adj_MinnesotaLacQuiParle	107736	GRS 1980 Adj. Minnesota Lac Qui Parle
esriSRSSpheroid_GRS1980Adj_MinnesotaLake_of_theWoodsNorth	107737	GRS 1980 Adj. Minnesota Lake of the Woods North
esriSRSSpheroid_GRS1980Adj_MinnesotaLake_of_theWoodsSouth	107738	GRS 1980 Adj. Minnesota Lake of the Woods South
esriSRSSpheroid_GRS1980Adj_MinnesotaLeSueur	107739	GRS 1980 Adj. Minnesota Le Sueur
esriSRSSpheroid_GRS1980Adj_MinnesotaLincoln	107740	GRS 1980 Adj. Minnesota Lincoln
esriSRSSpheroid_GRS1980Adj_MinnesotaLyon	107741	GRS 1980 Adj. Minnesota Lyon,
esriSRSSpheroid_GRS1980Adj_MinnesotaMcLeod	107742	GRS 1980 Adj. Minnesota McLeod
esriSRSSpheroid_GRS1980Adj_MinnesotaMahnommen	107743	GRS 1980 Adj. Minnesota Mahnommen
esriSRSSpheroid_GRS1980Adj_MinnesotaMarshall	107744	GRS 1980 Adj. Minnesota Marshall
esriSRSSpheroid_GRS1980Adj_MinnesotaMartin	107745	GRS 1980 Adj. Minnesota Martin
esriSRSSpheroid_GRS1980Adj_MinnesotaMeeker	107746	GRS 1980 Adj. Minnesota Meeker
esriSRSSpheroid_GRS1980Adj_MinnesotaMorrison	107747	GRS 1980 Adj. Minnesota Morrison
esriSRSSpheroid_GRS1980Adj_MinnesotaMower	107748	GRS 1980 Adj. Minnesota Mower
esriSRSSpheroid_GRS1980Adj_MinnesotaMurray	107749	GRS 1980 Adj. Minnesota Murray
esriSRSSpheroid_GRS1980Adj_MinnesotaNicollet	107750	GRS 1980 Adj. Minnesota Nicollet
esriSRSSpheroid_GRS1980Adj_MinnesotaNobles	107751	GRS 1980 Adj. Minnesota Nobles
esriSRSSpheroid_GRS1980Adj_MinnesotaNorman	107752	GRS 1980 Adj. Minnesota Norman
esriSRSSpheroid_GRS1980Adj_MinnesotaOlmsted	107753	GRS 1980 Adj. Minnesota Olmsted
esriSRSSpheroid_GRS1980Adj_MinnesotaOtertail	107754	GRS 1980 Adj. Minnesota Otertail
esriSRSSpheroid_GRS1980Adj_MinnesotaPennington	107755	GRS 1980 Adj. Minnesota Pennington
esriSRSSpheroid_GRS1980Adj_MinnesotaPine	107756	GRS 1980 Adj. Minnesota Pine
esriSRSSpheroid_GRS1980Adj_MinnesotaPipestone	107757	GRS 1980 Adj. Minnesota Pipestone
esriSRSSpheroid_GRS1980Adj_MinnesotaPolk	107758	GRS 1980 Adj. Minnesota Polk
esriSRSSpheroid_GRS1980Adj_MinnesotaPope	107759	GRS 1980 Adj. Minnesota Pope
esriSRSSpheroid_GRS1980Adj_MinnesotaRamsey	107760	GRS 1980 Adj. Minnesota Ramsey
esriSRSSpheroid_GRS1980Adj_MinnesotaRed Lake	107761	GRS 1980 Adj. Minnesota Red Lake
esriSRSSpheroid_GRS1980Adj_MinnesotaRedwood	107762	GRS 1980 Adj. Minnesota Redwood
esriSRSSpheroid_GRS1980Adj_MinnesotaRenville	107763	GRS 1980 Adj. Minnesota Renville
esriSRSSpheroid_GRS1980Adj_MinnesotaRice	107764	GRS 1980 Adj. Minnesota Rice
esriSRSSpheroid_GRS1980Adj_MinnesotaRock	107765	GRS 1980 Adj. Minnesota Rock
esriSRSSpheroid_GRS1980Adj_MinnesotaRoseau	107766	GRS 1980 Adj. Minnesota Roseau
esriSRSSpheroid_GRS1980Adj_MinnesotaStLouisNorth	107767	GRS 1980 Adj. Minnesota St Louis North
esriSRSSpheroid_GRS1980Adj_MinnesotaStLouisCentral	107768	GRS 1980 Adj. Minnesota St Louis Central
esriSRSSpheroid_GRS1980Adj_MinnesotaStLouisSouth	107769	GRS 1980 Adj. Minnesota StLouis South
esriSRSSpheroid_GRS1980Adj_MinnesotaScott	107770	GRS 1980 Adj. Minnesota Scott
esriSRSSpheroid_GRS1980Adj_MinnesotaSherburne	107771	GRS 1980 Adj. Minnesota Sherburne
esriSRSSpheroid_GRS1980Adj_MinnesotaSibley	107772	GRS 1980 Adj. Minnesota Sibley
esriSRSSpheroid_GRS1980Adj_MinnesotaStearns	107773	GRS 1980 Adj. Minnesota Stearns
esriSRSSpheroid_GRS1980Adj_MinnesotaSteele	107774	GRS 1980 Adj. Minnesota Steele
esriSRSSpheroid_GRS1980Adj_MinnesotaStevens	107775	GRS 1980 Adj. Minnesota Stevens
esriSRSSpheroid_GRS1980Adj_MinnesotaSwift	107776	GRS 1980 Adj. Minnesota Swift
esriSRSSpheroid_GRS1980Adj_MinnesotaTodd	107777	GRS 1980 Adj. Minnesota Todd
esriSRSSpheroid_GRS1980Adj_MinnesotaTraverse	107778	GRS 1980 Adj. Minnesota Traverse
esriSRSSpheroid_GRS1980Adj_MinnesotaWabasha	107779	GRS 1980 Adj. Minnesota Wabasha
esriSRSSpheroid_GRS1980Adj_MinnesotaWadena	107780	GRS 1980 Adj. Minnesota Wadena
esriSRSSpheroid_GRS1980Adj_MinnesotaWaseca	107781	GRS 1980 Adj. Minnesota Waseca
esriSRSSpheroid_GRS1980Adj_MinnesotaWatonwan	107782	GRS 1980 Adj. Minnesota Watonwan
esriSRSSpheroid_GRS1980Adj_MinnesotaWinona	107783	GRS 1980 Adj. Minnesota Winona

esriSRSPheroid\_GRS1980Adj\_MinnesotaWright 107784 GRS 1980 Adj. Minnesota Wright  
 esriSRSPheroid\_GRS1980Adj\_MinnesotaYellowMedicine 107785 GRS 1980 Adj. Minnesota Yellow Medicine

### Spheroids – Minnesota by code

Code	Name	a (meters)	1/f
104700	S GRS 1980 Adj MN Anoka	6378418.94100	298.25722210
104701	S GRS 1980 Adj MN Becker	6378586.58100	298.25722210
104702	S GRS 1980 Adj MN Beltrami North	6378505.80900	298.25722210
104703	S GRS 1980 Adj MN Beltrami South	6378544.82300	298.25722210
104704	S GRS 1980 Adj MN Benton	6378490.56900	298.25722210
104705	S GRS 1980 Adj MN Big Stone	6378470.75700	298.25722210
104706	S GRS 1980 Adj MN Blue Earth	6378403.70100	298.25722210
104707	S GRS 1980 Adj MN Brown	6378434.18100	298.25722210
104708	S GRS 1980 Adj MN Carlton	6378454.90700	298.25722210
104709	S GRS 1980 Adj MN Carver	6378400.65300	298.25722210
104710	S GRS 1980 Adj MN Cass North	6378567.37800	298.25722210
104711	S GRS 1980 Adj MN Cass South	6378546.95700	298.25722210
104712	S GRS 1980 Adj MN Chippewa	6378476.85300	298.25722210
104713	S GRS 1980 Adj MN Chisago	6378411.32100	298.25722210
104714	S GRS 1980 Adj MN Cook North	6378647.54100	298.25722210
104715	S GRS 1980 Adj MN Cook South	6378647.54100	298.25722210
104716	S GRS 1980 Adj MN Cottonwood	6378514.95300	298.25722210
104717	S GRS 1980 Adj MN Crow Wing	6378546.95700	298.25722210
104718	S GRS 1980 Adj MN Dakota	6378421.98900	298.25722210
104719	S GRS 1980 Adj MN Dodge	6378481.42500	298.25722210
104720	S GRS 1980 Adj MN Douglas	6378518.00100	298.25722210
104721	S GRS 1980 Adj MN Faribault	6378521.04900	298.25722210
104722	S GRS 1980 Adj MN Fillmore	6378464.66100	298.25722210
104723	S GRS 1980 Adj MN Freeborn	6378521.04900	298.25722210
104724	S GRS 1980 Adj MN Goodhue	6378434.18100	298.25722210
104725	S GRS 1980 Adj MN Grant	6378518.00100	298.25722210
104726	S GRS 1980 Adj MN Hennepin	6378418.94100	298.25722210
104727	S GRS 1980 Adj MN Houston	6378436.61900	298.25722210
104728	S GRS 1980 Adj MN Isanti	6378411.32100	298.25722210
104729	S GRS 1980 Adj MN Itasca North	6378574.38900	298.25722210
104730	S GRS 1980 Adj MN Itasca South	6378574.38900	298.25722210
104731	S GRS 1980 Adj MN Jackson	6378521.04900	298.25722210
104732	S GRS 1980 Adj MN Kanabec	6378472.28100	298.25722210
104733	S GRS 1980 Adj MN Kandiyohi	6378498.18900	298.25722210
104734	S GRS 1980 Adj MN Kittson	6378449.42100	298.25722210
104735	S GRS 1980 Adj MN Koochiching	6378525.62100	298.25722210
104736	S GRS 1980 Adj MN Lac Qui Parle	6378476.85300	298.25722210
104737	S GRS 1980 Adj MN Lake of the Woods North	6378466.18500	298.25722210
104738	S GRS 1980 Adj MN Lake of the Woods South	6378496.66500	298.25722210
104739	S GRS 1980 Adj MN Le Sueur	6378434.18100	298.25722210
104740	S GRS 1980 Adj MN Lincoln	6378643.57900	298.25722210
104741	S GRS 1980 Adj MN Lyon	6378559.75800	298.25722210
104742	S GRS 1980 Adj MN McLeod	6378414.36900	298.25722210
104743	S GRS 1980 Adj MN Mahnommen	6378586.58100	298.25722210
104744	S GRS 1980 Adj MN Marshall	6378441.80100	298.25722210
104745	S GRS 1980 Adj MN Martin	6378521.04900	298.25722210
104746	S GRS 1980 Adj MN Meeker	6378498.18900	298.25722210
104747	S GRS 1980 Adj MN Morrison	6378502.76100	298.25722210
104748	S GRS 1980 Adj MN Mower	6378521.04900	298.25722210
104749	S GRS 1980 Adj MN Murray	6378617.06100	298.25722210
104750	S GRS 1980 Adj MN Nicollet	6378403.70100	298.25722210
104751	S GRS 1980 Adj MN Nobles	6378624.68100	298.25722210
104752	S GRS 1980 Adj MN Norman	6378468.62300	298.25722210
104753	S GRS 1980 Adj MN Olmsted	6378481.42500	298.25722210
104754	S GRS 1980 Adj MN Ottertail	6378525.62100	298.25722210
104755	S GRS 1980 Adj MN Pennington	6378445.76300	298.25722210
104756	S GRS 1980 Adj MN Pine	6378472.28100	298.25722210
104757	S GRS 1980 Adj MN Pipestone	6378670.40100	298.25722210

104758	S GRS 1980 Adj MN Polk	6378445.76300	298.25722210
104759	S GRS 1980 Adj MN Pope	6378502.76100	298.25722210
104760	S GRS 1980 Adj MN Ramsey	6378418.94100	298.25722210
104761	S GRS 1980 Adj MN Red Lake	6378445.76300	298.25722210
104762	S GRS 1980 Adj MN Redwood	6378438.75300	298.25722210
104763	S GRS 1980 Adj MN Renville	6378414.36900	298.25722210
104764	S GRS 1980 Adj MN Rice	6378434.18100	298.25722210
104765	S GRS 1980 Adj MN Rock	6378624.68100	298.25722210
104766	S GRS 1980 Adj MN Roseau	6378449.42100	298.25722210
104767	S GRS 1980 Adj MN St Louis North	6378543.90900	298.25722210
104768	S GRS 1980 Adj MN St Louis Central	6378605.78300	298.25722210
104769	S GRS 1980 Adj MN St Louis South	6378540.86100	298.25722210
104770	S GRS 1980 Adj MN Scott	6378421.98900	298.25722210
104771	S GRS 1980 Adj MN Sherburne	6378443.32500	298.25722210
104772	S GRS 1980 Adj MN Sibley	6378414.36900	298.25722210
104773	S GRS 1980 Adj MN Stearns	6378502.76100	298.25722210
104774	S GRS 1980 Adj MN Steele	6378481.42500	298.25722210
104775	S GRS 1980 Adj MN Stevens	6378502.76100	298.25722210
104776	S GRS 1980 Adj MN Swift	6378470.75700	298.25722210
104777	S GRS 1980 Adj MN Todd	6378548.48100	298.25722210
104778	S GRS 1980 Adj MN Traverse	6378463.74600	298.25722210
104779	S GRS 1980 Adj MN Wabasha	6378426.56100	298.25722210
104780	S GRS 1980 Adj MN Wadena	6378546.95700	298.25722210
104781	S GRS 1980 Adj MN Waseca	6378481.42500	298.25722210
104782	S GRS 1980 Adj MN Watonwan	6378514.95300	298.25722210
104783	S GRS 1980 Adj MN Winona	6378453.68800	298.25722210
104784	S GRS 1980 Adj MN Wright	6378443.32500	298.25722210
104785	S GRS 1980 Adj MN Yellow Medicine	6378530.19300	298.25722210

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### Spheroids – Wisconsin by code

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Code	Name	a (meters)	1/f
104800	GRS 1980 Adj WI AD JN	6378376.27100	298.26841100
104801	GRS 1980 Adj WI AL	6378471.92000	298.27288378
104802	GRS 1980 Adj WI BA	6378472.93100	298.27293105
104803	GRS 1980 Adj WI BF	6378411.35100	298.27005142
104804	GRS 1980 Adj WI BR	6378137.00000	298.25722210
104805	GRS 1980 Adj WI BU	6378380.99100	298.26863171
104806	GRS 1980 Adj WI BN	6378414.96000	298.27022019
104807	GRS 1980 Adj WI CL FL OG WN	6378345.09000	298.26695290
104808	GRS 1980 Adj WI CP	6378412.54200	298.27010712
104809	GRS 1980 Adj WI CK	6378470.40100	298.27281274
104810	GRS 1980 Adj WI CO	6378376.33100	298.26841380
104811	GRS 1980 Adj WI CR	6378379.03100	298.26854006
104812	GRS 1980 Adj WI DN	6378407.62100	298.26987700
104813	GRS 1980 Adj WI DD JF	6378376.81100	298.26843625
104814	GRS 1980 Adj WI DR	6378313.92000	298.26549531
104815	GRS 1980 Adj WI DG	6378414.93000	298.27021878
104816	GRS 1980 Adj WI DU	6378413.02100	298.27012951
104817	GRS 1980 Adj WI EC	6378380.38100	298.26860319
104818	GRS 1980 Adj WI FN	6378530.85100	298.27563953
104819	GRS 1980 Adj WI CL FL OG WN	6378345.09000	298.26695290
104820	GRS 1980 Adj WI FR	6378591.52100	298.27847661
104821	GRS 1980 Adj WI GT	6378378.88100	298.26853304
104822	GRS 1980 Adj WI GR LF	6378408.48100	298.26991721
104823	GRS 1980 Adj WI GL MQ	6378375.60100	298.26837966
104824	GRS 1980 Adj WI IA	6378408.04100	298.26989664
104825	GRS 1980 Adj WI IR	6378655.07100	298.28144836
104826	GRS 1980 Adj WI JA	6378409.15100	298.26994854
104827	GRS 1980 Adj WI DD JF	6378376.81100	298.26843625
104828	GRS 1980 Adj WI AD JN	6378376.27100	298.26841100
104829	GRS 1980 Adj WI KN MW OZ RA	6378315.70000	298.26557855
104830	GRS 1980 Adj WI KW MT SG	6378285.86000	298.26418316
104831	GRS 1980 Adj WI LC	6378379.30100	298.26855269
104832	GRS 1980 Adj WI GR LF	6378408.48100	298.26991721

104833	GRS 1980 Adj WI LG	6378560.12100	298.27700827
104834	GRS 1980 Adj WI LN	6378531.82100	298.27568489
104835	GRS 1980 Adj WI KW MT SG	6378285.86000	298.26418316
104836	GRS 1980 Adj WI MA	6378500.60000	298.27422492
104837	GRS 1980 Adj WI MN	6378376.04100	298.26840024
104838	GRS 1980 Adj WI GL MQ	6378375.60100	298.26837966
104839	GRS 1980 Adj WI ME	6378406.60100	298.26982930
104840	GRS 1980 Adj WI KN MW OZ RA	6378315.70000	298.26557855
104841	GRS 1980 Adj WI MR	6378438.99100	298.27134393
104842	GRS 1980 Adj WI OC	6378345.42000	298.26696833
104843	GRS 1980 Adj WI ON	6378593.86000	298.27858599
104844	GRS 1980 Adj WI CL FL OG WN	6378345.09000	298.26695290
104845	GRS 1980 Adj WI KN MW OZ RA	6378315.70000	298.26557855
104846	GRS 1980 Adj WI PP PC	6378381.27100	298.26864481
104847	GRS 1980 Adj WI PP PC	6378381.27100	298.26864481
104848	GRS 1980 Adj WI PK	6378413.67100	298.27015991
104849	GRS 1980 Adj WI PT	6378344.37700	298.26691954
104850	GRS 1980 Adj WI PR	6378563.89100	298.27718456
104851	GRS 1980 Adj WI KN MW OZ RA	6378315.70000	298.26557855
104852	GRS 1980 Adj WI RC	6378408.09100	298.26989898
104853	GRS 1980 Adj WI RK	6378377.67100	298.26847646
104854	GRS 1980 Adj WI RS	6378472.75100	298.27292263
104855	GRS 1980 Adj WI SC	6378412.51100	298.27010567
104856	GRS 1980 Adj WI SK	6378407.28100	298.26986110
104857	GRS 1980 Adj WI SW	6378534.45100	298.27580788
104858	GRS 1980 Adj WI SH	6378406.05100	298.26980358
104859	GRS 1980 Adj WI KW MT SG	6378285.86000	298.26418316
104860	GRS 1980 Adj WI TA	6378532.92100	298.27573633
104861	GRS 1980 Adj WI TR	6378380.09100	298.26858963
104862	GRS 1980 Adj WI VR	6378408.94100	298.26993872
104863	GRS 1980 Adj WI VI	6378624.17100	298.28000340
104864	GRS 1980 Adj WI WW	6378377.41100	298.26846430
104865	GRS 1980 Adj WI WB	6378474.59100	298.27300868
104866	GRS 1980 Adj WI WA	6378407.14100	298.26985455
104867	GRS 1980 Adj WI WK	6378376.87100	298.26843905
104868	GRS 1980 Adj WI WP	6378375.25100	298.26836330
104869	GRS 1980 Adj WI WS	6378405.97100	298.26979984
104870	GRS 1980 Adj WI CL FL OG WN	6378345.09000	298.26695290
104871	GRS 1980 Adj WI WD	6378437.65100	298.27128127

## Spheroid – Wisconsin by macro

Macro	Code	Name
esriSRSSpheroid_GRS1980Adj_WisconsinAshland	107800	GRS 1980 Adj. Wisconsin Ashland
esriSRSSpheroid_GRS1980Adj_WisconsinBarron	107801	GRS 1980 Adj. Wisconsin Barron
esriSRSSpheroid_GRS1980Adj_WisconsinBayfield	107802	GRS 1980 Adj. Wisconsin Bayfield
esriSRSSpheroid_GRS1980Adj_WisconsinBrown	107803	GRS 1980 Adj. Wisconsin Brown
esriSRSSpheroid_GRS1980Adj_WisconsinBuffalo	107804	GRS 1980 Adj. Wisconsin Buffalo
esriSRSSpheroid_GRS1980Adj_WisconsinBurnett	107805	GRS 1980 Adj. Wisconsin Burnett
esriSRSSpheroid_GRS1980Adj_WisconsinChippewa	107806	GRS 1980 Adj. Wisconsin Chippewa
esriSRSSpheroid_GRS1980Adj_WisconsinClark	107807	GRS 1980 Adj. Wisconsin Clark
esriSRSSpheroid_GRS1980Adj_WisconsinColumbia	107808	GRS 1980 Adj. Wisconsin Columbia
esriSRSSpheroid_GRS1980Adj_WisconsinCrawford	107809	GRS 1980 Adj. Wisconsin Crawford
esriSRSSpheroid_GRS1980Adj_WisconsinDane	107810	GRS 1980 Adj. Wisconsin Dane
esriSRSSpheroid_GRS1980Adj_WisconsinDoor	107811	GRS 1980 Adj. Wisconsin Door
esriSRSSpheroid_GRS1980Adj_WisconsinDouglas	107812	GRS 1980 Adj. Wisconsin Douglas
esriSRSSpheroid_GRS1980Adj_WisconsinDunn	107813	GRS 1980 Adj. Wisconsin Dunn
esriSRSSpheroid_GRS1980Adj_WisconsinEauClaire	107814	GRS 1980 Adj. Wisconsin Eau Claire
esriSRSSpheroid_GRS1980Adj_WisconsinFlorence	107815	GRS 1980 Adj. Wisconsin Florence
esriSRSSpheroid_GRS1980Adj_WisconsinForest	107816	GRS 1980 Adj. Wisconsin Forest
esriSRSSpheroid_GRS1980Adj_WisconsinGrant	107817	GRS 1980 Adj. Wisconsin Grant
esriSRSSpheroid_GRS1980Adj_WisconsinIowa	107818	GRS 1980 Adj. Wisconsin Iowa
esriSRSSpheroid_GRS1980Adj_WisconsinIron	107819	GRS 1980 Adj. Wisconsin Iron
esriSRSSpheroid_GRS1980Adj_WisconsinJackson	107820	GRS 1980 Adj. Wisconsin Jackson
esriSRSSpheroid_GRS1980Adj_WisconsinLaCrosse	107821	GRS 1980 Adj. Wisconsin La Crosse

esriSRSPheroid_GRS1980Adj_WisconsinLanglade	107822	GRS 1980 Adj. Wisconsin Langlade
esriSRSPheroid_GRS1980Adj_WisconsinLincoln	107823	GRS 1980 Adj. Wisconsin Lincoln
esriSRSPheroid_GRS1980Adj_WisconsinMarathon	107824	GRS 1980 Adj. Wisconsin Marathon
esriSRSPheroid_GRS1980Adj_WisconsinMarinette	107825	GRS 1980 Adj. Wisconsin Marinette
esriSRSPheroid_GRS1980Adj_WisconsinMenominee	107826	GRS 1980 Adj. Wisconsin Menominee
esriSRSPheroid_GRS1980Adj_WisconsinMonroe	107827	GRS 1980 Adj. Wisconsin Monroe
esriSRSPheroid_GRS1980Adj_WisconsinOconto	107828	GRS 1980 Adj. Wisconsin Oconto
esriSRSPheroid_GRS1980Adj_WisconsinOneida	107829	GRS 1980 Adj. Wisconsin Oneida
esriSRSPheroid_GRS1980Adj_WisconsinPolk	107830	GRS 1980 Adj. Wisconsin Polk
esriSRSPheroid_GRS1980Adj_WisconsinPortage	107831	GRS 1980 Adj. Wisconsin Portage
esriSRSPheroid_GRS1980Adj_WisconsinPrice	107832	GRS 1980 Adj. Wisconsin Price
esriSRSPheroid_GRS1980Adj_WisconsinRichland	107833	GRS 1980 Adj. Wisconsin Richland
esriSRSPheroid_GRS1980Adj_WisconsinRock	107834	GRS 1980 Adj. Wisconsin Rock
esriSRSPheroid_GRS1980Adj_WisconsinRusk	107835	GRS 1980 Adj. Wisconsin Rusk
esriSRSPheroid_GRS1980Adj_WisconsinStCroix	107836	GRS 1980 Adj. Wisconsin St Croix
esriSRSPheroid_GRS1980Adj_WisconsinSauk	107837	GRS 1980 Adj. Wisconsin Sauk
esriSRSPheroid_GRS1980Adj_WisconsinSawyer	107838	GRS 1980 Adj. Wisconsin Sawyer
esriSRSPheroid_GRS1980Adj_WisconsinShawano	107839	GRS 1980 Adj. Wisconsin Shawano
esriSRSPheroid_GRS1980Adj_WisconsinTaylor	107840	GRS 1980 Adj. Wisconsin Taylor
esriSRSPheroid_GRS1980Adj_WisconsinTrempealeau	107841	GRS 1980 Adj. Wisconsin Trempealeau
esriSRSPheroid_GRS1980Adj_WisconsinVernon	107842	GRS 1980 Adj. Wisconsin Vernon
esriSRSPheroid_GRS1980Adj_WisconsinVilas	107843	GRS 1980 Adj. Wisconsin Vilas
esriSRSPheroid_GRS1980Adj_WisconsinWalworth	107844	GRS 1980 Adj. Wisconsin Walworth
esriSRSPheroid_GRS1980Adj_WisconsinWashburn	107845	GRS 1980 Adj. Wisconsin Washburn
esriSRSPheroid_GRS1980Adj_WisconsinWashington	107846	GRS 1980 Adj. Wisconsin Washington
esriSRSPheroid_GRS1980Adj_WisconsinWaukesha	107847	GRS 1980 Adj. Wisconsin Waukesha
esriSRSPheroid_GRS1980Adj_WisconsinWaupaca	107848	GRS 1980 Adj. Wisconsin Waupaca
esriSRSPheroid_GRS1980Adj_WisconsinWaushara	107849	GRS 1980 Adj. Wisconsin Waushara
esriSRSPheroid_GRS1980Adj_WisconsinWood	107850	GRS 1980 Adj. Wisconsin Wood
esriSRSPheroid_GRS1980Adj_WisconsinAdamsJuneau	107851	GRS 1980 Adj. Wisconsin Adams and Juneau
esriSRSPheroid_GRS1980Adj_WisconsinGreenLafayette	107852	GRS 1980 Adj. Wisconsin Green and Lafayette
esriSRSPheroid_GRS1980Adj_WisconsinGreenLakeMarquette	107853	GRS 1980 Adj. Wisconsin Green Lake and Marquette
esriSRSPheroid_GRS1980Adj_WisconsinDodgeJefferson	107854	GRS 1980 Adj. Wisconsin Dodge and Jefferson
esriSRSPheroid_GRS1980Adj_WisconsinPepinPierce	107855	GRS 1980 Adj. Wisconsin Pepin and Pierce
esriSRSPheroid_GRS1980Adj_WICalumetFondduLacOutagamieWinnebago	107856	GRS 1980 Adj. Wisconsin Calumet, Fond du Lac, Outagamie, and Winnebago
esriSRSPheroid_GRS1980Adj_WIKenoshaMilwaukeeOzaukeeRacine	107857	GRS 1980 Adj. Wisconsin Kenosha, Milwaukee, Ozaukee, and Racine
esriSRSPheroid_GRS1980Adj_WIKewauneeManitowocSheboygan	107858	GRS 1980 Adj. Wisconsin Kewaunee, Manitowoc, and Sheboygan

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## Spheroids – Extraterrestrial by macro

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Macro	Code	Name	a (m)	1/f
esriSRSPheroid_JupiterAdrastea	106909	Adrastea 2000	8200	0
esriSRSPheroid_JupiterAmalthea	106910	Amalthea 2000	83500	0
esriSRSPheroid_JupiterAnanke	106911	Ananke 2000	10000	0
esriSRSPheroid_UranusAriel	106945	Ariel 2000	578900	0
esriSRSPheroid_SaturnAtlas	106926	Atlas 2000	16000	0
esriSRSPheroid_UranusBelinda	106946	Belinda 2000	33000	0
esriSRSPheroid_UranusBianca	106947	Bianca2000	21000	0
esriSRSPheroid_JupiterCallisto	106912	Callisto 2000	2409300	0
esriSRSPheroid_SaturnCalypso	106927	Calypso 2000	9500	0
esriSRSPheroid_JupiterCarme	106913	Carme 2000	15000	0
esriSRSPheroid_PlutoCharon	106970	Charon 2000	593000	0
esriSRSPheroid_UranusCordelia	106948	Cordelia 2000	13000	0
esriSRSPheroid_UranusCressida	106949	Cressida 2000	31000	0
esriSRSPheroid_MarsDeimos	106906	Deimos 2000	6200	0

esriSRspheroid_UranusDesdemona	106950	Desdemona 2000	27000	0
esriSRspheroid_NeptuneDespina	106961	Despina 2000	74000	0
esriSRspheroid_SaturnDione	106928	Dione 2000	560000	0
esriSRspheroid_JupiterElara	106914	Elara 2000	40000	0
esriSRspheroid_SaturnEnceladus	106929	Enceladus 2000	249400	0
esriSRspheroid_SaturnEpimetheus	106930	Epimetheus 2000	59500	0
esriSRspheroid_JupiterEuropa	106915	Europa 2000	1562090	0
esriSRspheroid_NeptuneGalatea	106962	Galatea 2000	79000	0
esriSRspheroid_JupiterGanymede	106916	Ganymede 2000	2632345	0
esriSRspheroid_SaturnHelene	106931	Helene 2000	17500	1.04166667
esriSRspheroid_JupiterHimalia	106917	Himalia 2000	85000	0
esriSRspheroid_SaturnHyperion	106932	Hyperion 2000	133000	0
esriSRspheroid_SaturnIapetus	106933	Iapetus 2000	718000	0
esriSRspheroid_JupiterIo	106918	Io 2000	1821460	0
esriSRspheroid_SaturnJanus	106934	Janus 2000	888000	0
esriSRspheroid_UranusJuliet	106951	Juliet 2000	42000	0
esriSRspheroid_Jupiter	106908	Jupiter 2000	71492000	15.41440276
esriSRspheroid_NeptuneLarissa	106963	Larissa 2000	104000	6.93333333
esriSRspheroid_JupiterLeda	106919	Leda 2000	5000	0
esriSRspheroid_JupiterLysithea	106920	Lysithea 2000	12000	0
esriSRspheroid_Mars1979	106904	Mars 1979	3393400	192.04301075
esriSRspheroid_Mars2000	106905	Mars 2000	3396190	169.89444722
esriSRspheroid_Mercury	106900	Mercury 2000	2439700	0
esriSRspheroid_JupiterMetis	106921	Metis 2000	30000	3
esriSRspheroid_SaturnMimas	106935	Mimas 2000	1986300	0
esriSRspheroid_UranusMiranda	106952	Miranda 2000	235800	0
esriSRspheroid_TheMoon	106903	Moon 2000	1737400	0
esriSRspheroid_NeptuneNaiad	106964	Naiad 2000	29000	0
esriSRspheroid_Neptune	106960	Neptune 2000	24764000	58.54373522
esriSRspheroid_NeptuneNereid	106965	Nereid 2000	170000	0
esriSRspheroid_UranusOberon	106953	Oberon 2000	761400	0
esriSRspheroid_UranusOphelia	106954	Ophelia 2000	15000	0
esriSRspheroid_SaturnPan	106936	Pan 2000	10000	0
esriSRspheroid_SaturnPandora	106937	Pandora 2000	41900	0
esriSRspheroid_JupiterPasiphae	106922	Pasiphae 2000	18000	0
esriSRspheroid_SaturnPhoebe	106938	Phoebe 2000	110000	0
esriSRspheroid_MarsPhobos	106907	Phobos 2000	11100	0
esriSRspheroid_Pluto	106969	Pluto 2000	1195000	0
esriSRspheroid_UranusPortia	106955	Portia 2000	54000	0
esriSRspheroid_SaturnPrometheus	106939	Prometheus 2000	50100	0
esriSRspheroid_NeptuneProteus	106966	Proteus 2000	208000	0
esriSRspheroid_UranusPuck	106956	Puck 2000	77000	0
esriSRspheroid_SaturnRhea	106940	Rhea 2000	764000	0
esriSRspheroid_UranusRosalind	106957	Rosalind 2000	27000	0
esriSRspheroid_Saturn	106925	Saturn 2000	60268000	10.20799458
esriSRspheroid_JupiterSinope	106923	Sinope 2000	14000	0
esriSRspheroid_SaturnTelesto	106941	Telesto 2000	11000	0
esriSRspheroid_SaturnTethys	106942	Tethys 2000	529800	0
esriSRspheroid_NeptuneThalassa	106967	Thalassa 2000	40000	0
esriSRspheroid_JupiterThebe	106924	Thebe 2000	49300	0
esriSRspheroid_SaturnTitan	106943	Titan 2000	2575000	0
esriSRspheroid_UranusTitania	106958	Titania 2000	788900	0
esriSRspheroid_NeptuneTriton	106968	Triton 2000	1352600	0
esriSRspheroid_Uranus	106944	Uranus 2000	25559000	43.61604096
esriSRspheroid_UranusUmbriel	106959	Umbriel 2000	584700	0
esriSRspheroid_Venus1985	106901	Venus 1985	6051000	0
esriSRspheroid_Venus2000	106902	Venus 2000	6051800	0

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### Prime Meridians with PE macros

name	code	macro	Longitude relative to Greenwich
Athens, Greece	8912	PE_PM_ATHENS	23° 42' 58".815 E
Bern, Switzerland	8907	PE_PM_BERN	7° 26' 22".5 E
Bogota, Colombia	8904	PE_PM_BOGOTA	74° 04' 51".3 W
Brussels, Belgium	8910	PE_PM_BRUSSELS	4° 22' 04".71 E

Ferro, (El Hierro)	8909	PE_PM_FERRO	17° 40' 00" W
Greenwich, UK	8901	PE_PM_GREENWICH	0° 00' 00" E
Jakarta, Indonesia	8908	PE_PM_JAKARTA	106° 48' 27".79 E
Lisbon, Portugal	8902	PE_PM_LISBON	9° 07' 54".862 W
Madrid, Spain	8905	PE_PM_MADRID	3° 41' 16".58 W
Oslo, Norway	8913	PE_PM_OSLO	10° 43' 22".5 E
Paris, France	8903	PE_PM_PARIS	2° 20' 14".025 E
Rome, Italy	8906	PE_PM_ROME	12° 27' 08".4 E
Stockholm, Sweden	8911	PE_PM_STOCKHOLM	18° 03' 29".8 E
Generic meridian origin	108900	PE_PM_REFERENCE	0.0

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### Prime Meridians with ArcObjects macros

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name	code	macro	Longitude relative to Greenwich
Athens, Greece	8912	esriSRPrimeM_Athens	23° 42' 58".815 E
Bern, Switzerland	8907	esriSRPrimeM_Bern	7° 26' 22".5 E
Bogota, Colombia	8904	esriSRPrimeM_Bogota	74° 04' 51".3 W
Brussels, Belgium	8910	esriSRPrimeM_Brussels	4° 22' 04".71 E
Ferro, (El Hierro)	8909	esriSRPrimeM_Ferro	17° 40' 00" W
Greenwich, UK	8901	esriSRPrimeM_Greenwich	0° 00' 00" E
Jakarta, Indonesia	8908	esriSRPrimeM_Jakarta	106° 48' 27".79 E
Lisbon, Portugal	8902	esriSRPrimeM_Lisbon	9° 07' 54".862 W
Madrid, Spain	8905	esriSRPrimeM_Madrid	3° 41' 16".58 W
Oslo, Norway	8913	esriSRPrimeM_Oslo	10° 43' 22".5 E
Paris, France	8903	esriSRPrimeM_Paris	2° 20' 14".025 E
Rome, Italy	8906	esriSRPrimeM_Rome	12° 27' 08".4 E
Stockholm, Sweden	8911	esriSRPrimeM_Stockholm	18° 03' 29".8 E
Generic meridian reference	108900	esriSRPrimeM_ReferenceMeridian	0.0

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### Datums (spheroid-based) by PE macro

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Macro	code	name
PE_D_AIRY_1830	6001	Airy 1830
PE_D_AIRY_MOD	6002	Airy modified
PE_D_AUSTRALIAN	6003	Australian National
PE_D_BESSEL_1841	6004	Bessel 1841
PE_D_BESSEL_MOD	6005	Bessel modified
PE_D_BESSEL_NAMIBIA	6006	Bessel Namibia
PE_D_CLARKE_1858	6007	Clarke 1858
PE_D_CLARKE_1866	6008	Clarke 1866
PE_D_CLARKE_1866_MICH	6009	Clarke 1866 Michigan
PE_D_CLARKE_1880	6034	Clarke 1880
PE_D_CLARKE_1880_ARC	6013	Clarke 1880 (Arc)
PE_D_CLARKE_1880_BENOIT	6010	Clarke 1880 (Benoit)
PE_D_CLARKE_1880_IGN	6011	Clarke 1880 (IGN)
PE_D_CLARKE_1880_RGS	6012	Clarke 1880 (RGS)
PE_D_CLARKE_1880_SGA	6014	Clarke 1880 (SGA)
PE_D_EVEREST_1830	6042	Everest 1830 (was 106015)
PE_D_EVEREST_ADJ_1937	6015	Everest (Adjustment 1937)
PE_D_EVEREST_DEF_1962	6044	Everest (definition 1962)
PE_D_EVEREST_DEF_1967	6016	Everest (definition 1967)
PE_D_EVEREST_DEF_1975	6045	Everest (definition 1975) (was 6017)
PE_D_EVEREST_MOD	6018	Everest modified
PE_D_EVEREST_MOD_1969	106006	Everest modified 1969
PE_D_FISCHER_1960	106002	Fischer 1960
PE_D_FISCHER_1968	106003	Fischer 1968
PE_D_FISCHER_MOD	106004	Fischer modified
PE_D_GEM_10C	6031	GEM gravity potential model
PE_D_GRS_1967	6036	GRS 1967
PE_D_GRS_1980	6019	GRS 1980

PE_D_HELMERT_1906	6020	Helmert 1906
PE_D_HOUGH_1960	106005	Hough 1960
PE_D_INDONESIAN	6021	Indonesian National
PE_D_INTERNATIONAL_1924	6022	International 1927
PE_D_INTERNATIONAL_1967	6023	International 1967
PE_D_KRASOVSKY_1940	6024	Krasovsky 1940
PE_D_NWL_9D	6025	Transit precise ephemeris
PE_D_OSU_86F	6032	OSU 1986 geoidal model
PE_D_OSU_91A	6033	OSU 1991 geoidal model
PE_D_PLESSIS_1817	6027	Plessis 1817
PE_D_SPHERE	6035	Authalic sphere
PE_D_SPHERE_AI	106008	Authalic Sphere (ArcInfo)
PE_D_SPHERE_EMEP	106276	Sphere EMEP
PE_D_STRUVE_1860	6028	Struve 1860
PE_D_WALBECK	106007	Walbeck
PE_D_WAR_OFFICE	6029	War Office
PE_D_WGS_1966	106001	WGS 1966

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### Geodetic Datums by PE macro

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macro	code name	spheroid
PE_D_ABIDJAN_1987	6143 Abidjan 1987	Clarke 1880 (RGS)
PE_D_ACCRA	6168 Accra	War Office
PE_D_ADINDAN	6201 Adindan	Clarke 1880 (RGS)
PE_D_AFGOOYE	6205 Afgooye	Krasovsky 1940
PE_D_AGADEZ	6206 Agadez	Clarke 1880 (IGN)
PE_D_AGD_1966	6202 Australian Geod Datum 1966	Australian
PE_D_AGD_1984	6203 Australian Geodetic Datum 1984	Australian
PE_D_AIN_EL_ABD_1970	6204 Ain el Abd 1970	International 1924
PE_D_ALASKAN_ISLANDS	106260 Alaskan Islands	Clarke 1866
PE_D_ALBANIAN_1987	6191 Albanian 1987	Krasovsky 1940
PE_D_AMERSFOORT	6289 Amersfoort	Bessel 1841
PE_D_AMMASSALIK_1958	6196 Ammassalik 1958	International 1924
PE_D_ANGUILLA_1957	6600 Anguilla 1957	Clarke 1880 (RGS)
PE_D_ANNA_1_1965	106231 Anna 1 1965	Australian
PE_D_ANTIQUA_1943	6601 Antigua 1943	Clarke 1880 (RGS)
PE_D_ARATU	6208 Aratu	International 1924
PE_D_ARC_1950	6209 Arc 1950	Clarke 1880 (Arc)
PE_D_ARC_1960	6210 Arc 1960	Clarke 1880 (RGS)
PE_D_ASCENSION_ISLAND_1958	106237 Ascension Island 1958	International 1924
PE_D_ASTRO_1952	106214 Astro 1952	International 1924
PE_D_ATF	6901 Ancienne Triangulat'n Francaise	Plessis 1817
PE_D_AUSTRALIAN_ANTARCTIC_1998		
	6176 Australian_Antarctic_1998	GRS 1980
PE_D_AYABELLE	106208 Ayabelle	Clarke 1880 (RGS)
PE_D_AZORES_CENTRAL_ISLANDS_1948		
	6183 Azores Central Islands 1948	International 1924
PE_D_AZORES_CENTRAL_ISLANDS_1995		
	6665 Azores Central Islands 1995	International 1924
PE_D_AZORES_OCCIDENTAL_ISLANDS_1939		
	6182 Azores Occidental_Islands 1939	International 1924
PE_D_AZORES_ORIENTAL_ISLANDS_1940		
	6184 Azores Oriental Islands 1940	International 1924
PE_D_AZORES_ORIENTAL_ISLANDS_1995		
	6664 Azores Oriental Islands 1995	International 1924
PE_D_BAB_SOUTH	106269 Bab South	Clarke 1966
PE_D_BARBADOS_1938	6212 Barbados 1938	Clarke 1880 (RGS)
PE_D_BATAVIA	6211 Batavia	Bessel 1841
PE_D_BEACON_E_1945	106212 Beacon E 1945	International 1924
PE_D_BEDUARAM	6213 Beduaram	Clarke 1880 (IGN)
PE_D_BEIJING_1954	6214 Beijing 1954	Krasovsky 1940
PE_D_BELGE_1950	6215 Reseau National Belge 1950	International 1924
PE_D_BELGE_1972	6313 Reseau National Belge 1972	International 1924
PE_D_BELLEVUE	106215 Bellevue IGN	International 1924
PE_D_BERMUDA_1957	6216 Bermuda 1957	Clarke 1866

PE_D_BERMUDA_2000	106271	Bermuda 2000	WGS 1984
PE_D_BERN_1898	6217	Bern 1898	Bessel 1841
PE_D_BERN_1938	6306	Bern 1938	Bessel 1841
PE_D_BISSAU	6165	Bissau	International 1924
PE_D_BOGOTA	6218	Bogota	International 1924
PE_D_BUKIT_RIMPAH	6219	Bukit Rimpah	Bessel 1841
PE_D_CAMACUPA	6220	Camacupa	Clarke 1880 (RGS)
PE_D_CAMP_AREA	106253	Camp Area	International 1924
PE_D_CAMPO_INCHAUSPE	6221	Campo Inchauspe	International 1924
PE_D_CANTON_1966	106216	Canton 1966	International 1924
PE_D_CAPE	6222	Cape	Clarke 1880 (Arc)
PE_D_CAPE_CANAVERAL	106239	Cape Canaveral	Clarke 1866
PE_D_CARTHAGE	6223	Carthage	Clarke 1880 (IGN)
PE_D_CHATHAM_ISLAND_1971	106217	Chatham Island 1971	International 1924
PE_D_CHATHAM_ISLANDS_1979	106273	Chatham Islands 1979	International 1924
PE_D_CHOS_MALAL_1914	6160	Chos Malal 1914	International 1924
PE_D_CHTRF_1995	6151	CH TRF 1995	GRS 1980
PE_D_CHUA	6224	Chua	International 1924
PE_D_CH1903	6149	CH1903	Bessel 1841
PE_D_CH1903_PLUS	6150	CH1903+	Bessel 1841
PE_D_COMBANI_1950	6632	Combani 1950	International 1924
PE_D_CONAKRY_1905	6315	Conakry 1905	Clarke 1880 (IGN)
PE_D_CORREGO_ALEGRE	6225	Corrego Alegre	International 1924
PE_D_COTE_D_IVOIRE	6226	Cote d'Ivoire	Clarke 1880 (IGN)
PE_D_CSG_1967	6623	CSG 1967	International 1924
PE_D_DABOLA_1981	6155	Dabola 1981	Clarke 1880 (RGS)
PE_D_DATUM_73	6274	Datum 73	International 1924
PE_D_DEALUL_PISCULUI_1933	6316	Dealul Piscului 1933	International 1924
PE_D_DEALUL_PISCULUI_1970	6317	Dealul Piscului 1970	Krasovsky 1940
PE_D_DECEPTION_ISLAND	106254	Deception Island	Clarke 1880 (RGS)
PE_D_DEIR_EZ_ZOR	6227	Deir ez Zor	Clarke 1880 (IGN)
PE_D_DHDN	6314	Deutsche Hauptdreiecksnetz	Bessel 1841
PE_D_DOMINICA_1943	6602	Dominica 1943	Clarke 1880 (RGS)
PE_D_DOS_1968	106218	DOS 1968	International 1924
PE_D_DOS_71_4	106238	DOS 71 4	International 1924
PE_D_DOUALA	6228	Douala	Clarke 1880 (IGN)
PE_D_DOUALA_1948	6192	Douala 1948	International 1924
PE_D_EASTER_ISLAND_1967	160219	Easter Island 1967	International 1924
PE_D_ED_1950	6230	European Datum 1950	International 1924
PE_D_ED_1950_ED77	6154	European Datum 1950 (ED77)	International 1924
PE_D_ED_1987	6231	European Datum 1987	International 1924
PE_D_EGYPT_1907	6229	Egypt 1907	Helmert 1906
PE_D_EGYPT_1930	6199	Egypt 1930	International 1924
PE_D_ESTONIA_1937	106101	Estonia 1937	Bessel 1841
PE_D_ESTONIA_1992	6133	Estonia 1992	GRS 1980
PE_D_ESTONIA_1997	6180	Estonia 1997	GRS 1980
PE_D_ETRF_1989	106258	ETRF 1989	WGS 1984
PE_D_ETRS_1989	6258	ETRS 1989	GRS 1980
PE_D_EUROPEAN_1979	6668	European 1979	International 1924
PE_D_EUROPEAN_LIBYAN_1979	6159	European Libyan 1979	International 1924
PE_D_EVEREST_BANGLADESH	106202	Everest-Bangladesh	Everest 1830
PE_D_EVEREST_INDIA_NEPAL	106203	Everest-India & Nepal	Everest Definition 1975
PE_D_FAHUD	6232	Fahud	Clarke 1880 (RGS)
PE_D_FD_1958	6132	Final Datum 1958	Clarke 1880 (RGS)
PE_D_FORT_DESAIX	6625	Fort Desaix	International 1924
PE_D_FORT_MARIGOT	6621	Fort Marigot	International 1924
PE_D_FORT_THOMAS_1955	106240	Fort Thomas 1855	Clarke 1880 (RGS)
PE_D_GAN_1970	106232	Gan 1970	International 1924
PE_D_GANDAJIKA_1970	6233	Gandajika 1970	International 1924
PE_D_GAROUA	6234	Garoua	Clarke 1880 (IGN)
PE_D_GDA_1994	6283	Geoc Datum of Australia 1994	GRS 1980
PE_D_GRACIOSA_1948	106241	Graciosa Base SW 1948	International 1924
PE_D_GRAND_COMOROS	6646	Grand Comoros	International 1924
PE_D_GRENADA_1953	6603	Grenada 1953	Clarke 1880 (RGS)
PE_D_GUAM_1963	106220	Guam 1963	Clarke 1866
PE_D_GUNUNG_SEGARA	6613	Gunung Segara	Bessel 1841
PE_D_GUX_1	106221	GUX 1	International 1924
PE_D_GUYANE_FRANCAISE	6235	Guyane Francaise	International 1924
PE_D_HANOI_1972	6147	Hanoi 1972	Krasovsky 1940
PE_D_HARTEBEESTHOEK94	6148	Hartebeesthoek94	WGS 1984

PE_D_HELLE_1954	6660	Helle 1954	International 1924
PE_D_HERAT_NORTH	6255	Herat North	International 1924
PE_D_HERMANNSKOGEL	106102	Hermannskogel	Bessel 1841
PE_D_HITO_XVIII_1963	6254	Hito XVIII 1963	International 1924
PE_D_HJORSEY_1955	6658	Hjorsey 1955	International 1924
PE_D_HONG_KONG_1963	106305	Hong Kong 1963	International 1924
PE_D_HONG_KONG_1980	6611	Hong Kong 1980	International 1924
PE_D_HU_TZU_SHAN	6236	Hu Tzu Shan	International 1924
PE_D_HUNGARIAN_1972	6237	Hungarian Datum 1972	GRS 1967
PE_D_IGM_1995	6670	IGM 1995	WGS 1984
PE_D_IGN53_MARE	6641	IGN53 Mare	International 1924
PE_D_IGN56_LIFOU	6633	IGN56 Lifou	International 1924
PE_D_IGN72_GRANDE_TERRE	6634	IGN72 Grande Terre	International 1924
PE_D_IGN72_NUKU_HIVA	6630	IGN72 Nuku Hiva	International 1924
PE_D_INDIAN_1954	6239	Indian 1954	Everest (Adjustment 1937)
PE_D_INDIAN_1960	6131	Indian 1960	Everest (Adjustment 1960)
PE_D_INDIAN_1975	6240	Indian 1975	Everest (Adjustment 1975)
PE_D_INDONESIAN_1974	6238	Indonesian Datum 1974	Indonesian Nat'l Spheroid
PE_D_IRAQ_KUWAIT_BOUNDARY_1992	6667	Iraq Kuwait Boundary 1992	Iraq Kuwait Boundary 1992
	WGS 1984		
PE_D_IRENET95	6173	Ireland Network 1995	GRS 1980
PE_D_ISLANDS_NETWORK_1993	6659	Islands Network 1993	GRS 1980
PE_D_ISRAEL	6141	Israel	GRS 1980
PE_D_ISTS_061_1968	106242	ISTS 061 1968	International 1924
PE_D_ISTS_073_1969	106233	ISTS 073 1969	International 1924
PE_D_ITRF_1988	6647	ITRF 1988	GRS 1980
PE_D_ITRF_1989	6648	ITRF 1989	GRS 1980
PE_D_ITRF_1990	6649	ITRF 1990	GRS 1980
PE_D_ITRF_1991	6650	ITRF 1991	GRS 1980
PE_D_ITRF_1992	6651	ITRF 1992	GRS 1980
PE_D_ITRF_1993	6652	ITRF 1993	GRS 1980
PE_D_ITRF_1994	6653	ITRF 1994	GRS 1980
PE_D_ITRF_1996	6654	ITRF 1996	GRS 1980
PE_D_ITRF_1997	6655	ITRF 1997	GRS 1980
PE_D_ITRF_2000	6656	ITRF 2000	GRS 1980
PE_D_JAMAICA_1875	6241	Jamaica 1875	Clarke 1880
PE_D_JAMAICA_1969	6242	Jamaica 1969	Clarke 1866
PE_D_JGD_2000	6612	JGD 2000	GRS 1980
PE_D_JOHNSTON_ISLAND_1961	106222	Johnston Island 1961	International 1924
PE_D_JORDAN	106277	Jordan	International 1924
PE_D_K0_1949	6631	K0 1949	International 1924
PE_D_KALIANPUR_1880	6243	Kalianpur 1880	Everest 1830
PE_D_KALIANPUR_1937	6144	Kalianpur 1937	Everest (Adjustment 1937)
PE_D_KALIANPUR_1962	6145	Kalianpur 1962	Everest Definition 1962
PE_D_KALIANPUR_1975	6146	Kalianpur 1975	Everest Definition 1975
PE_D_KANDAWALA	6244	Kandawala	Everest (Adjustment 1937)
PE_D_KERGUELEN_ISLAND_1949	106234	Kerguelen Island 1949	International 1924
PE_D_KERTAU	6245	Kertau	Everest Modified
PE_D_KOC	6246	Kuwait Oil Company	Clarke 1880 (RGS)
PE_D_KOREAN_DATUM_1985	6162	Korean Datum 1985	Bessel 1841
PE_D_KOREAN_DATUM_1995	6166	Korean Datum 1995	WGS 1984
PE_D_KOUSSERI	6198	Kousseri	Clarke 1880 (RGS)
PE_D_KUDAMS	6319	Kuwait Utility	GRS 1980
PE_D_KUSAIE_1951	106259	Kusaie 1951	International 1924
PE_D_LA_CANOVA	6247	La Canova	International 1924
PE_D_LAKE	6249	Lake	International 1924
PE_D_LATVIA_1992	6661	Latvia 1992	GRS 1980
PE_D_LC5_1961	106243	LC5 1961	Clarke 1866
PE_D_LEIGON	6250	Leigon	Clarke 1880 (RGS)
PE_D_LIBERIA_1964	6251	Liberia 1964	Clarke 1880 (RGS)
PE_D_LISBOA_BESSEL	106262	Datum Lisboa Bessel	Bessel 1841
PE_D_LISBOA_HAYFORD	106263	Datum Lisboa Hayford	International 1924
PE_D_LISBON	6207	Lisbon	International 1924
PE_D_LISBON_1890	6666	Lisbon 1890	Bessel 1841
PE_D_LITHUANIA_1994	6126	Lithuania 1994	GRS 1980
PE_D_LOCODJO_1965	6142	Locodjo 1965	Clarke 1880 (RGS)
PE_D_LOMA_QUINTANA	6288	Loma Quintana	International 1924
PE_D_LOME	6252	Lome	Clarke 1880 (IGN)
PE_D_LUXEMBOURG_1930	6181	Luxembourg 1930	International 1924
PE_D_LUZON_1911	6253	Luzon 1911	Clarke 1866

PE_D_MADEIRA_1936	6185	Madeira 1936	International 1924
PE_D_MADRID_1870	6903	Madrid 1870	Struve 1860
PE_D_MADZANSUA	6128	Madzansua	Clarke 1866
PE_D_MAHE_1971	6256	Mahe 1971	Clarke 1880 (RGS)
PE_D_MAJURO	106270	Majuro	Clarke 1966
PE_D_MAKASSAR	6257	Makassar	Bessel 1841
PE_D_MALONGO_1987	6259	Malongo 1987	International 1924
PE_D_MANOCA	6260	Manoca	Clarke 1880 (RGS)
PE_D_MANOCA_1962	6193	Manoca 1962	Clarke 1880 (IGN)
PE_D_MASSAWA	6262	Massawa	Bessel 1841
PE_D_MERCHICH	6261	Merchich	Clarke 1880 (IGN)
PE_D_MGI	6312	Militar-Geographische Institut	Bessel 1841
PE_D_MHAST	6264	Mhast	International 1924
PE_D_MIDWAY_1961	106224	Midway 1961	International 1924
PE_D_MINNA	6263	Minna	Clarke 1880 (RGS)
PE_D_MONTE_MARIO	6265	Monte Mario	International 1924
PE_D_MONTSERRAT_1958	6604	Montserrat 1958	Clarke 1880 (RGS)
PE_D_MOP78	6639	MOP78	International 1924
PE_D_MOUNT_DILLON	6157	Mount Dillon	Clarke 1858
PE_D_MOZNET	6130	Moznet	WGS 1984
PE_D_MPORALOKO	6266	M'poraloko	Clarke 1880 (IGN)
PE_D_NAD_MICH	6268	NAD Michigan	Clarke 1866 Michigan
PE_D_NAD_1927	6267	North American Datum 1927	Clarke 1866
PE_D_NAD_1927_CGQ77	6608	NAD 1927 (CGQ77)	Clarke 1866
PE_D_NAD_1927_DEF_1976	6609	NAD 1927 (Definition 1976)	Clarke 1866
PE_D_NAD_1983	6269	North American Datum 1983	GRS 1980
PE_D_NAD_1983_CSRS98	6140	N American Datum 1983 CSRS	GRS 1980
PE_D_NAD_1983_HARN	6152	N American Datum 1983 HARN	GRS 1980
PE_D_NAHRWAN_1967	6270	Nahrwan 1967	Clarke 1880 (RGS)
PE_D_NAPARIMA_1955	6158	Naparima 1955	International 1924
PE_D_NAPARIMA_1972	6271	Naparima 1972	International 1924
PE_D_NDG	6902	Nord de Guerre	Plessis 1817
PE_D_NEA74_NOUMEA	6644	NEA74 Noumea	International 1924
PE_D_NGN	6318	Nat'l Geodetic Network (Kuwait)	WGS 1984
PE_D_NGO_1948	6273	NGO 1948	Bessel Modified
PE_D_NORD_SAHARA_1959	6307	Nord Sahara 1959	Clarke 1880 (RGS)
PE_D_NSWC_9Z_2	6276	NSWC 9Z-2	NWL 9D
PE_D_NTF	6275	Nouvelle Triangulation Francaise	Clarke 1880 (IGN)
PE_D_NZGD_1949	6272	New Zealand Geod Datum 1949	International 1924
PE_D_NZGD_2000	6167	New Zealand Geod Datum 2000	GRS 1980
PE_D_OBSERV_METEOR_1939	106245	Observ Meteorologico 1939	International 1924
PE_D_OBSERVATORIO	6129	Observatorio	Clarke 1866
PE_D_OBSERVATORIO_METEOROLOGICO_1965	106274	Observatorio Meteorologico 1965	International 1924
PE_D_OLD_HAWAIIAN	6135	Old Hawaiian	Clarke 1866
PE_D_OMAN	106306	Oman	Clarke 1880 (RGS)
PE_D_OS_SN_1980	6279	OS (SN) 1980	Airy 1830
PE_D_OSGB_1936	6277	OSGB 1936	Airy 1830
PE_D_OSGB_1970_SN	6278	OSGB 1970 (SN)	Airy 1830
PE_D_OSNI_1952	6188	OSNI 1952	Airy_1830
PE_D_PADANG_1884	6280	Padang 1884	Bessel 1841
PE_D_PALESTINE_1923	6281	Palestine 1923	Clarke 1880 (Benoit)
PE_D_PAMPA_DEL_CASTILLO	6161	Pampa del Castillo	International 1924
PE_D_PETRELS_1972	6636	Petrels 1972	International 1924
PE_D_PDO_1993	6134	PDO 1993	Clarke 1880 (RGS)
PE_D_PICO_DE_LAS_NIEVES	106246	Pico de Las Nieves	International 1924
PE_D_PITCAIRN_1967	106226	Pitcairn 1967	International 1924
PE_D_PITON_DES_NEIGES	6626	Piton des Neiges	International 1924
PE_D_POHNPEI	106266	Pohnpei	Clarke 1966
PE_D_POINT58	6620	Point 58	Clarke 1880 (RGS)
PE_D_POINTE_GEOLOGIE_PERROUD_1950	6637	Pointe Geologie Perroud 1950	International 1924
PE_D_POINTE_NOIRE	6282	Pointe Noire	Clarke 1880 (IGN)
PE_D_PORTO_SANTO_1936	106247	Porto Santo 1936	International 1924
PE_D_PORTO_SANTO_1995	6663	Porto Santo 1995	International 1924
PE_D_POSGAR	6172	POSGAR	GRS 1980
PE_D_POSGAR_1998	6190	POSGAR 1998	GRS 1980
PE_D_PSAD_1956	6248	Prov. South Amer. Datum 1956	International 1924
PE_D_PUERTO_RICO	6139	Puerto Rico	Clarke 1866
PE_D_PULKOVO_1942	6284	Pulkovo 1942	Krasovskiy 1940

PE_D_PULKOVO_1942_ADJ_1958	6179	Pulkovo 1942 Adj 1958	Krasovsky 1940
PE_D_PULKOVO_1942_ADJ_1983	6178	Pulkovo 1942 Adj 1983	Krasovsky 1940
PE_D_PULKOVO_1995	6200	Pulkovo 1995	Krasovsky 1940
PE_D_QATAR	6285	Qatar	International 1924
PE_D_QATAR_1948	6286	Qatar 1948	Helmert 1906
PE_D_QND_1995	6614	QND 1995	International 1924
PE_D_QORNOQ	6287	Qornoq	International 1924
PE_D_QORNOQ_1927	6194	Qornoq 1927	International 1924
PE_D_RASSADIRAN	6153	Rassadiran	International 1924
PE_D_REGVEN	6189	REGVEN	GRS 1980
PE_D_REUNION	106235	Reunion	International 1924
PE_D_REYKJAVIK_1900	6657	Reykjavik 1900	Danish 1876
PE_D_RGF_1993	6171	RGF 1993	GRS 1980
PE_D_RGFG_1995	6624	RGFG 1995	GRS 1980
PE_D_RGNC_1991	6645	RGNC 1991	International 1924
PE_D_RGR_1992	6627	RGR 1992	GRS 1980
PE_D_ROMA_1940	106275	Roma 1940	International 1924
PE_D_RRAF_1991	6640	RRAF 1991	WGS 1984
PE_D_RT90	6124	RT 1990	Bessel 1841
PE_D_S_ASIA_SINGAPORE	106207	South Asia Singapore	Fischer Modified
PE_D_S_JTSK	6156	S JTSK	Bessel 1841
PE_D_S42_HUNGARY	106257	S42 Hungary	Krasovsky 1940
PE_D_SAD_1969	6291	South American Datum 1969	GRS 1967 (Truncated)
PE_D_SAINTE_PIERRE_ET_MIQUELON_1950			
	6638	Saint_Pierre_et_Miquelon_1950	Clarke 1866
PE_D_SAINTE_ANNE	6622	Sainte Anne	International 1924
PE_D_SAMBOJA	6125	Samboja	Bessel 1841
PE_D_SAMOA_1962	106252	American Samoa 1962	Clarke 1866
PE_D_SANTO_DOS_1965	106227	Santo DOS 1965	International 1924
PE_D_SAO_BRAZ	106249	Sao Braz	International 1924
PE_D_SAPPER_HILL_1943	6292	Sapper Hill 1943	International 1924
PE_D_SCHWARZECK	6293	Schwarzeck	Bessel Namibia
PE_D_SCORESBYSUND_1952	6195	Scoresbysund 1952	International 1924
PE_D_SEGORA	6294	Segora	Bessel 1841
PE_D_SELVAGEM_GRANDE_1938	106250	Selvagem Grande 1938	International 1924
PE_D_SERINDUNG	6295	Serindung	Bessel 1841
PE_D_SIERRA_LEONE_1924	6174	Sierra Leone 1924	War Office
PE_D_SIERRA_LEONE_1960	106103	Sierra Leone 1960	Clarke 1880 (RGS)
PE_D_SIERRA_LEONE_1968	6174	Sierra Leone 1968	Clarke 1880 (RGS)
PE_D_SIRGAS	6170	SIRGAS	GRS 1980
PE_D_SOUTH_ASIA_SINGAPORE	106207	South Asia Singapore	Fischer Modified
PE_D_SOUTH_YEMEN	6164	South Yemen	Krasovsky 1940
PE_D_ST71_BELEP	6643	ST71 Belep	International 1924
PE_D_ST84_ILE_DES_PINS	6642	ST84 Ile des Pins	International 1924
PE_D_ST87_OUVEA	6635	ST87 Ouvea	International 1924
PE_D_ST_GEORGE_ISLAND	6138	St. George Island	Clarke 1866
PE_D_ST_KITTS_1955	6605	St. Kitts 1955	Clarke 1880 (RGS)
PE_D_ST_LAWRENCE_ISLAND	6136	St. Lawrence Island	Clarke 1866
PE_D_ST_LUCIA_1955	6605	St. Lucia 1955	Clarke 1880 (RGS)
PE_D_ST_PAUL_ISLAND	6137	St. Paul Island	Clarke 1866
PE_D_ST_VINCENT_1945	6605	St. Vincent 1945	Clarke 1880 (RGS)
PE_D_STOCKHOLM_1938	6308	Stockholm 1938	Bessel 1841
PE_D_SUDAN	6296	Sudan	Clarke 1880 (IGN)
PE_D_SWEREF99	6619	SWEREF99	GRS 1980
PE_D_TAHAA	6629	Tahaa	International 1924
PE_D_TAHITI	6628	Tahiti	International 1924
PE_D_TANANARIVE_1925	6297	Tananarive 1925	International 1924
PE_D_TERN_ISLAND_1961	106213	Tern Island 1961	International 1924
PE_D_TETE	6127	Tete	Clarke 1866
PE_D_TIMBALAI_1948	6298	Timbalai 1948	Everest Definition 1967
PE_D_TM65	6299	TM65	Airy Modified 1849
PE_D_TM75	6300	TM75	Airy Modified 1849
PE_D_TOKYO	6301	Tokyo	Bessel 1841
PE_D_TRINIDAD_1903	6302	Trinidad 1903	Clarke 1858
PE_D_TRISTAN_1968	106251	Tristan 1968	International 1924
PE_D_TRUCIAL_COAST_1948	6303	Trucial Coast 1948	Helmert 1906
PE_D_VITI_LEVU_1916	106228	Viti Levu 1916	Clarke 1880 (RGS)
PE_D_VOIROL_1875	6304	Voirol 1875	Clarke 1880 (IGN)
PE_D_VOIROL_UNIFIE_1960	6305	Voirol Unifie 1960	Clarke 1880 (RGS)
PE_D_WAKE_ENIWETOK_1960	106229	Wake Eniwetok 1960	Hough 1960

PE_D_WAKE_ISLAND_1952	106230 Wake Island 1952	International 1924
PE_D_WGS_1972	6322 WGS 1972	WGS 1972
PE_D_WGS_1972_BE	6324 WGS 1972 TransitBroadcastEph	WGS 1972
PE_D_WGS_1984	6326 WGS 1984	WGS 1984
PE_D_XIAN_1980	6610 Xian 1980	Xian 1980
PE_D_YACARE	6309 Yacare	International 1924
PE_D_YEMEN_NGN_1996	6163 Yemen NGN 1996	WGS 1984
PE_D_YOFF	6310 Yoff	Clarke 1880 (IGN)
PE_D_ZANDERIJ	6311 Zanderij	International 1924

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## Geodetic Datums by ArcObjects macro

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ArcObjects	Projection Engine
esriSRDatum_Abidjan1987	PE_D_ABIDJAN_1987
esriSRDatum_Accra	PE_D_ACCRA
esriSRDatum_Adindan	PE_D_ADINDAN
esriSRDatum_Afgoooye	PE_D_AFGOOYE
esriSRDatum_Agadez	PE_D_AGADEZ
esriSRDatum_AGD1966	PE_D_AGD_1966
esriSRDatum_AGD1984	PE_D_AGD_1984
esriSRDatum_AinElAbd1970	PE_D_AIN_EL_ABD_1970
esriSRDatum_Airy1830	PE_D_AIRY_1830
esriSRDatum_AlaskanIslands	PE_D_ALASKAN_ISLANDS
esriSRDatum_Albanian1987	PE_D_ALBANIAN_1987
esriSRDatum_Amassalik1958	PE_D_AMMASSALIK_1958
esriSRDatum_Amersfoort	PE_D_AMERSFOORT
esriSRDatum_Anguilla1957	PE_D_ANGUILLA_1957
esriSRDatum_Anna1_1965	PE_D_ANNA_1_1965
esriSRDatum_Antigua1943	PE_D_ANTIGUA_1943
esriSRDatum_Aratu	PE_D_ARATU
esriSRDatum_Arc1950	PE_D_ARC_1950
esriSRDatum_Arc1960	PE_D_ARC_1960
esriSRDatum_AscensionIsland1958	PE_D_ASCENSION_ISLAND_1958
esriSRDatum_Astro1952	PE_D_ASTRO_1952
esriSRDatum_ATF	PE_D_ATF
esriSRDatum_ATS1977	PE_D_ATS_1977
esriSRDatum_Australian	PE_D_AUSTRALIAN
esriSRDatum_AustralianAntarctic1998	PE_D_AUSTRALIAN_ANTARCTIC_1998
esriSRDatum_AuthalicSphere	PE_D_SPHERE
esriSRDatum_AuthalicSphereArcInfo	PE_D_SPHERE_AI
esriSRDatum_AyabelleLighthouse	PE_D_AYABELLE
esriSRDatum_AzoresCentralIslands1948	PE_D_AZORES_CENTRAL_ISLANDS_1948
esriSRDatum_AzoresCentralIslands1995	PE_D_AZORES_CENTRAL_ISLANDS_1995
esriSRDatum_AzoresOccidentalIslands1939	PE_D_AZORES_OCCIDENTAL_ISLANDS_1939
esriSRDatum_AzoresOrientalIslands1940	PE_D_AZORES_ORIENTAL_ISLANDS_1940
esriSRDatum_AzoresOrientalIslands1995	PE_D_AZORES_ORIENTAL_ISLANDS_1995
esriSRDatum_BabSouthAstro	PE_D_BAB_SOUTH
esriSRDatum_Barbados1938	PE_D_BARBADOS_1938
esriSRDatum_Batavia	PE_D_BATAVIA
esriSRDatum_BeaconE1945	PE_D_BEACON_E_1945
esriSRDatum_Beduaram	PE_D_BEDUARAM
esriSRDatum_Beijing1954	PE_D_BEIJING_1954
esriSRDatum_Belge1950	PE_D_BELGE_1950
esriSRDatum_Belge1972	PE_D_BELGE_1972
esriSRDatum_Bellevue	PE_D_BELLEVUE
esriSRDatum_Bermuda1957	PE_D_BERMUDA_1957
esriSRDatum_Bermuda2000	PE_D_BERMUDA_2000
esriSRDatum_Bern1898	PE_D_BERN_1898
esriSRDatum_Bern1938	PE_D_BERN_1938
esriSRDatum_Bessel1841	PE_D_BESSEL_1841
esriSRDatum_BesselNamibia	PE_D_BESSEL_NAMIBIA
esriSRDatum_Bissau	PE_D_BISSAU
esriSRDatum_Bogota	PE_D_BOGOTA
esriSRDatum_BukitRimpah	PE_D_BUKIT_RIMPAH
esriSRDatum_Camacupa	PE_D_CAMACUPA

esriSRDatum_CampArea	PE_D_CAMP_AREA
esriSRDatum_CampoInchauspe	PE_D_CAMPO_INCHAUSPE
esriSRDatum_Canton1966	PE_D_CANTON_1966
esriSRDatum_Cape	PE_D_CAPE
esriSRDatum_CapeCanaveral	PE_D_CAPE_CANAVERAL
esriSRDatum_Carthage	PE_D_CARTHAGE
esriSRDatum_CentreSpatialGuyanais1967	PE_D_CSG_1967
esriSRDatum_CH1903	PE_D_CH1903
esriSRDatum_CH1903Plus	PE_D_CH1903_PLUS
esriSRDatum_ChathamIsland1971	PE_D_CHATHAM_ISLAND_1971
esriSRDatum_ChathamIslands1979	PE_D_CHATHAM_ISLANDS_1979
esriSRDatum_ChosMalal1914	PE_D_CHOS_MALAL_1914
esriSRDatum_CHTRF1995	PE_D_CHTRF_1995
esriSRDatum_Chua	PE_D_CHUA
esriSRDatum_Clarke1858	PE_D_CLARKE_1858
esriSRDatum_Clarke1866	PE_D_CLARKE_1866
esriSRDatum_Clarke1866Michigan	PE_D_CLARKE_1866_MICH
esriSRDatum_Clarke1880	PE_D_CLARKE_1880
esriSRDatum_Clarke1880Arc	PE_D_CLARKE_1880_ARC
esriSRDatum_Clarke1880Benoit	PE_D_CLARKE_1880_BENOIT
esriSRDatum_Clarke1880IGN	PE_D_CLARKE_1880_IGN
esriSRDatum_Clarke1880RGS	PE_D_CLARKE_1880_RGS
esriSRDatum_Clarke1880SGA	PE_D_CLARKE_1880_SGA
esriSRDatum_Combani1950	PE_D_COMBANI_1950
esriSRDatum_Conakry1905	PE_D_CONAKRY_1905
esriSRDatum_CorregoAlegre	PE_D_CORREGO_ALEGRE
esriSRDatum_CoteDivoire	PE_D_COTE_D_IVOIRE
esriSRDatum_Dabola	PE_D_DABOLA
esriSRDatum_Datum73	PE_D_DATUM_73
esriSRDatum_DealulPiscului1933	PE_D_DEALUL_PISCULUI_1933
esriSRDatum_DealulPiscului1970	PE_D_DEALUL_PISCULUI_1970
esriSRDatum_DeceptionIsland	PE_D_DECEPTION_ISLAND
esriSRDatum_DeirEzZor	PE_D_DEIR_EZ_ZOR
esriSRDatum_DHDN	PE_D_DHDN
esriSRDatum_Dominica1945	PE_D_DOMINICA_1945
esriSRDatum_DOS1968	PE_D_DOS_1968
esriSRDatum_DOS71_4	PE_D_DOS_71_4
esriSRDatum_Douala	PE_D_DOUALA
esriSRDatum_Douala1948	PE_D_DOUALA_1948
esriSRDatum_EasterIsland1967	PE_D_EASTER_ISLAND_1967
esriSRDatum_Egypt1907	PE_D_EGYPT_1907
esriSRDatum_Egypt1930	PE_D_EGYPT_1930
esriSRDatum_EMEP	PE_D_SPHERE_EMEP
esriSRDatum_Estonia1937	PE_D_ESTONIA_1937
esriSRDatum_Estonia1992	PE_D_ESTONIA_1992
esriSRDatum_Estonia1997	PE_D_ESTONIA_1997
esriSRDatum_ETRF1989	PE_D_ETRF_1989
esriSRDatum_European1979	PE_D_EUROPEAN_1979
esriSRDatum_EuropeanDatum1950	PE_D_ED_1950
esriSRDatum_EuropeanDatum1950ED77	PE_D_ED_1950_ED77
esriSRDatum_EuropeanDatum1987	PE_D_ED_1987
esriSRDatum_EuropeanLibyanDatum1979	PE_D_EUROPEAN_LIBYAN_1979
esriSRDatum_EuropeanTerrestrialRefSystem1989	PE_D_ETRS_1989
esriSRDatum_Everest1830	PE_D_EVEREST_1830
esriSRDatum_Everest1937	PE_D_EVEREST_ADJ_1937
esriSRDatum_Everest1962	PE_D_EVEREST_DEF_1962
esriSRDatum_Everest1967	PE_D_EVEREST_DEF_1967
esriSRDatum_Everest1975	PE_D_EVEREST_DEF_1975
esriSRDatum_EverestBangladesh	PE_D_EVEREST_BANGLADESH
esriSRDatum_EverestIndiaNepal	PE_D_EVEREST_INDIA_NEPAL
esriSRDatum_Fahud	PE_D_FAHUD
esriSRDatum_FD1958	PE_D_FD_1958
esriSRDatum_Fischer1960	PE_D_FISCHER_1960
esriSRDatum_Fischer1968	PE_D_FISCHER_1968
esriSRDatum_FortDesaix	PE_D_FORT_DESAIX
esriSRDatum_FortMarigot	PE_D_FORT_MARIGOT
esriSRDatum_FortThomas1955	PE_D_FORT_THOMAS_1955
esriSRDatum_Gan1970	PE_D_GAN_1970
esriSRDatum_Gandajika1970	PE_D_GANDAJIKA_1970
esriSRDatum_Garoua	PE_D_GAROUA

esriSRDatum_GDA1994	PE_D_GDA_1994
esriSRDatum_GEM10C	PE_D_GEM_10C
esriSRDatum_GGRS1987	PE_D_GGRS_1987
esriSRDatum_Graciosa1948	PE_D_GRACIOSA_1948
esriSRDatum_GrandComoros	PE_D_GRAND_COMOROS
esriSRDatum_Greek	PE_D_GREEK
esriSRDatum_Grenada1953	PE_D_GRENADA_1953
esriSRDatum_GRS1967	PE_D_GRS_1967
esriSRDatum_GRS1980	PE_D_GRS_1980
esriSRDatum_Guam1963	PE_D_GUAM_1963
esriSRDatum_GunungSegara	PE_D_GUNUNG_SEGARA
esriSRDatum_GUX1	PE_D_GUX_1
esriSRDatum_GuyaneFrancaise	PE_D_GUYANE_FRANCAISE
esriSRDatum_Hanoi1972	PE_D_HANOI_1972
esriSRDatum_Hartebeesthoek94	PE_D_HARTEBEESTHOEK94
esriSRDatum_Helle1954	PE_D_HELLE_1954
esriSRDatum_Helmert1906	PE_D_HELMERT_1906
esriSRDatum_HeratNorth	PE_D_HERAT_NORTH
esriSRDatum_Hermannskogel	PE_D_HERMANNSKOGEL
esriSRDatum_HitoXVIII1963	PE_D_HITO_XVIII_1963
esriSRDatum_Hjorsey1955	PE_D_HJORSEY_1955
esriSRDatum_HongKong1963	PE_D_HONG_KONG_1963
esriSRDatum_HongKong1980	PE_D_HONG_KONG_1980
esriSRDatum_Hough1960	PE_D_HOUGH_1960
esriSRDatum_Hungarian1972	PE_D_HUNGARIAN_1972
esriSRDatum_HuTzuShan	PE_D_HU_TZU_SHAN
esriSRDatum_IERSTerrestrialReferenceFrame1988	PE_D_ITRF_1988
esriSRDatum_IERSTerrestrialReferenceFrame1989	PE_D_ITRF_1989
esriSRDatum_IERSTerrestrialReferenceFrame1990	PE_D_ITRF_1990
esriSRDatum_IERSTerrestrialReferenceFrame1991	PE_D_ITRF_1991
esriSRDatum_IERSTerrestrialReferenceFrame1992	PE_D_ITRF_1992
esriSRDatum_IERSTerrestrialReferenceFrame1993	PE_D_ITRF_1993
esriSRDatum_IERSTerrestrialReferenceFrame1994	PE_D_ITRF_1994
esriSRDatum_IERSTerrestrialReferenceFrame1996	PE_D_ITRF_1996
esriSRDatum_IERSTerrestrialReferenceFrame1997	PE_D_ITRF_1997
esriSRDatum_IERSTerrestrialReferenceFrame2000	PE_D_ITRF_2000
esriSRDatum_IGM1995	PE_D_IGM_1995
esriSRDatum_IGN53Mare	PE_D_IGN53_MARE
esriSRDatum_IGN56Lifou	PE_D_IGN56_LIFOU
esriSRDatum_IGN72GrandeTerre	PE_D_IGN72_GRANDE_TERRE
esriSRDatum_IGN72NukuHiva	PE_D_IGN72_NUKU_HIVA
esriSRDatum_Indian1954	PE_D_INDIAN_1954
esriSRDatum_Indian1960	PE_D_INDIAN_1960
esriSRDatum_Indian1975	PE_D_INDIAN_1975
esriSRDatum_Indonesian	PE_D_INDONESIAN
esriSRDatum_Indonesian1974	PE_D_INDONESIAN_1974
esriSRDatum_International1924	PE_D_INTERNATIONAL_1924
esriSRDatum_International1967	PE_D_INTERNATIONAL_1967
esriSRDatum_IraqKuwaitBoundaryDatum1992	PE_D IRAQ_KUWAIT_BOUNDARY_1992
esriSRDatum_IRENET95	PE_D_IRENET95
esriSRDatum_IslandsNetwork1993	PE_D_ISLANDS_NETWORK_1993
esriSRDatum_Israel	PE_D_ISRAEL
esriSRDatum_ISTS061_1968	PE_D_ISTS_061_1968
esriSRDatum_ISTS073_1969	PE_D_ISTS_073_1969
esriSRDatum_Jamaica1875	PE_D_JAMAICA_1875
esriSRDatum_Jamaica1969	PE_D_JAMAICA_1969
esriSRDatum_JapanGeodeticDatum2000	PE_D_JGD_2000
esriSRDatum_JohnstonIsland1961	PE_D_JOHNSTON_ISLAND_1961
esriSRDatum_Jordan	PE_D_JORDAN
esriSRDatum_K0_1949	PE_D_K0_1949
esriSRDatum_Kalianpur1880	PE_D_KALIANPUR_1880
esriSRDatum_Kalianpur1937	PE_D_KALIANPUR_1937
esriSRDatum_Kalianpur1962	PE_D_KALIANPUR_1962
esriSRDatum_Kalianpur1975	PE_D_KALIANPUR_1975
esriSRDatum_Kandawala	PE_D_KANDAWALA
esriSRDatum_KerguelenIsland1949	PE_D_KERGUELEN_ISLAND_1949
esriSRDatum_Kertau	PE_D_KERTAU
esriSRDatum_KKJ	PE_D_KKJ
esriSRDatum_KOC	PE_D_KOC
esriSRDatum_KoreanDatum1985	PE_D_KOREAN_1985

esriSRDatum_KoreanDatum1995	PE_D_KOREAN_1995
esriSRDatum_Kousseri	PE_D_KOUSSERI
esriSRDatum_Krasovksy1940	PE_D_KRASOVSKY_1940
esriSRDatum_KUDAMS	PE_D_KUDAMS
esriSRDatum_Kusaie1951	PE_D_KUSAIE_1951
esriSRDatum_LaCanoa	PE_D_LA_CANOA
esriSRDatum_Lake	PE_D_LAKE
esriSRDatum_Latvia1992	PE_D_LATVIA_1992
esriSRDatum_LC5_1961	PE_D_LC5_1961
esriSRDatum_Leigon	PE_D_LEIGON
esriSRDatum_Liberia1964	PE_D_LIBERIA_1964
esriSRDatum_LisboaBessel	PE_D_LISBOA_BESSEL
esriSRDatum_LisboaHayford	PE_D_LISBOA_HAYFORD
esriSRDatum_Lisbon	PE_D_LISBON
esriSRDatum_Lisbon1890	PE_D_LISBON_1890
esriSRDatum_Lithuania1994	PE_D_LITHUANIA_1994
esriSRDatum_Locodjo1965	PE_D_LOCODJO_1965
esriSRDatum_LomaQuintana	PE_D_LOMA_QUINTANA
esriSRDatum_Lome	PE_D_LOME
esriSRDatum_Luxembourg1930	PE_D_LUXEMBOURG_1930
esriSRDatum_Luzon1911	PE_D_LUZON_1911
esriSRDatum_Madeira1936	PE_D_MADEIRA_1936
esriSRDatum_Madrid1870	PE_D_MADRID_1870
esriSRDatum_Madzansua	PE_D_MADZANSUA
esriSRDatum_Mahe1971	PE_D_MAHE_1971
esriSRDatum_Majuro	PE_D_MAJURO
esriSRDatum_Makassar	PE_D_MAKASSAR
esriSRDatum_Malongo1987	PE_D_MALONGO_1987
esriSRDatum_Manoca	PE_D_MANOCA
esriSRDatum_Manoca1962	PE_D_MANOCA_1962
esriSRDatum_Massawa	PE_D_MASSAWA
esriSRDatum_Merchich	PE_D_MERCHICH
esriSRDatum_MGI	PE_D_MGI
esriSRDatum_Mhast	PE_D_MHAST
esriSRDatum_Midway1961	PE_D_MIDWAY_1961
esriSRDatum_Minna	PE_D_MINNA
esriSRDatum_ModifiedAiry	PE_D_AIRY_MOD
esriSRDatum_ModifiedBessel	PE_D_BESSEL_MOD
esriSRDatum_ModifiedEverest	PE_D_EVEREST_MOD
esriSRDatum_ModifiedEverest1969	PE_D_EVEREST_MOD_1969
esriSRDatum_ModifiedFischer	PE_D_FISCHER_MOD
esriSRDatum_MonteMario	PE_D_MONTE_MARIO
esriSRDatum_Montserrat1958	PE_D_MONTSERRAT_1958
esriSRDatum_MOP78	PE_D_MOP78
esriSRDatum_MountDillon	PE_D_MOUNT_DILLON
esriSRDatum_Moznet	PE_D_MOZNET
esriSRDatum_MPoraloko	PE_D_MPORALOKO
esriSRDatum_NAD1927	PE_D_NAD_1927
esriSRDatum_NAD19271976	PE_D_NAD_1927_DEF_1976
esriSRDatum_NAD1927CGQ77	PE_D_NAD_1927_CGQ77
esriSRDatum_NAD1983	PE_D_NAD_1983
esriSRDatum_NAD1983CSRS98	PE_D_NAD_1983_CSRS98
esriSRDatum_NAD1983HARN	PE_D_NAD_1983_HARN
esriSRDatum_NADMichigan	PE_D_NAD_MICH
esriSRDatum_Nahrwan1967	PE_D_NAHRWAN_1967
esriSRDatum_Naparima1955	PE_D_NAPARIMA_1955
esriSRDatum_Naparima1972	PE_D_NAPARIMA_1972
esriSRDatum_NEA74Noumea	PE_D_NEA74_NOUMEA
esriSRDatum_NGN	PE_D_NGN
esriSRDatum_NGO1948	PE_D_NGO_1948
esriSRDatum_NordDeGuerre	PE_D_NDG
esriSRDatum_NordSahara1959	PE_D_NORD_SAHARA_1959
esriSRDatum_NSWC9Z_2	PE_D_NSWC_9Z_2
esriSRDatum_NTF	PE_D_NTF
esriSRDatum_NWL9D	PE_D_NWL_9D
esriSRDatum_NZGD_2000	PE_D_NZGD_2000
esriSRDatum_NZGD1949	PE_D_NZGD_1949
esriSRDatum_Observatorio	PE_D_OBSERVATORIO
esriSRDatum_ObservatorioMeteorologico1965	PE_D_OBSERV_METEOR_1965
esriSRDatum_ObservMeteor1939	PE_D_OBSERV_METEOR_1939

esriSRDatum_OldHawaiian	PE_D_OLD_HAWAIIAN
esriSRDatum_Oman	PE_D_OMAN
esriSRDatum_OSGB1936	PE_D_OSGB_1936
esriSRDatum_OSGB1970SN	PE_D_OSGB_1970_SN
esriSRDatum_OSNI_1952	PE_D_OSNI_1952
esriSRDatum_OSSN1980	PE_D_OS_SN_1980
esriSRDatum_OSU1986F	PE_D_OSU_86F
esriSRDatum_OSU1991A	PE_D_OSU_91A
esriSRDatum_Padang1884	PE_D_PADANG_1884
esriSRDatum_Palestine1923	PE_D_PALESTINE_1923
esriSRDatum_PampadelCastillo	PE_D_PAMPA_DEL_CASTILLO
esriSRDatum_PDO1993	PE_D_PDO_1993
esriSRDatum_Petrels1972	PE_D_PETRELS_1972
esriSRDatum_PicoDeLasNieves	PE_D_PICO_DE_LAS_NIEVES
esriSRDatum_Pitcairn1967	PE_D_PITCAIRN_1967
esriSRDatum_Piton_des_Neiges	PE_D_PITON_DES_NEIGES
esriSRDatum_Plessis1817	PE_D_PLESSIS_1817
esriSRDatum_Pohnpei	PE_D_POHNPEI
esriSRDatum_Point58	PE_D_POINT58
esriSRDatum_PointeGeologiePerroud1950	PE_D_POINTE_GEOLOGIE_PERROUD_1950
esriSRDatum_PointeNoire	PE_D_POINTE_NOIRE
esriSRDatum_PortoSanto1936	PE_D_PORTO_SANTO_1936
esriSRDatum_PortoSanto1995	PE_D_PORTO_SANTO_1995
esriSRDatum_POSGAR1998	PE_D_POSGAR_1998
esriSRDatum_PosicionesGeodesicasArgentinas	PE_D_POSGAR
esriSRDatum_PSAD1956	PE_D_PSAD_1956
esriSRDatum_PuertoRico	PE_D_PUERTO_RICO
esriSRDatum_Pulkovo1942	PE_D_PULKOVO_1942
esriSRDatum_Pulkovo1942_adj58	PE_D_PULKOVO_1942_ADJ_1958
esriSRDatum_Pulkovo1942_adj83	PE_D_PULKOVO_1942_ADJ_1983
esriSRDatum_Pulkovo1995	PE_D_PULKOVO_1995
esriSRDatum_Qatar	PE_D_QATAR
esriSRDatum_Qatar1948	PE_D_QATAR_1948
esriSRDatum_QatarNationalDatum1995	PE_D_QND_1995
esriSRDatum_Qornoq	PE_D_QORNOQ
esriSRDatum_Qornoq1927	PE_D_QORNOQ_1927
esriSRDatum_Rassadiran	PE_D_RASSADIRAN
esriSRDatum_REGVEN	PE_D_REGVEN
esriSRDatum_ReseauGeodesiqueFrancaisGuyane1995	PE_D_RGFG_1995
esriSRDatum_ReseauGeodesiqueNouvelleCaledonie1991	PE_D_RGNC_1991
esriSRDatum_ReseauGeodesique_de_la_Reunion1992	PE_D_RGR_1992
esriSRDatum_Reseau_de_Reference_des_AntillesFrancaises1991	PE_D_RRAF_1991
esriSRDatum_Reunion	PE_D_REUNION
esriSRDatum_RGF1993	PE_D_RGF_1993
esriSRDatum_RT90	PE_D_RT90
esriSRDatum_Reykjavik1900	PE_D_REYKJAVIK_1900
esriSRDatum_Roma1940	PE_D_ROMA_1940
esriSRDatum_S_JTSK	PE_D_S_JTSK
esriSRDatum_S42Hungary	PE_D_S42_HUNGARY
esriSRDatum_SAD1969	PE_D_SAD_1969
esriSRDatum_SainteAnne	PE_D_SAINTE_ANNE
esriSRDatum_SaintPierre_et_Miquelon1950	PE_D_SAINT_PIERRE_ET_MIQUELON_1950
esriSRDatum_Samboja	PE_D_SAMBOJA
esriSRDatum_Samoa1962	PE_D_SAMOA_1962
esriSRDatum_SantoDOS1965	PE_D_SANTO_DOS_1965
esriSRDatum_SaoBraz	PE_D_SAO_BRAZ
esriSRDatum_SapperHill1943	PE_D_SAPPER_HILL_1943
esriSRDatum_Schwarzeck	PE_D_SCHWARZECK
esriSRDatum_Scoresbysund1952	PE_D_SCORESBYSUND_1952
esriSRDatum_Segora	PE_D_SEGORA
esriSRDatum_SelvagemGrande1938	PE_D_SELVAGEM_GRANDE_1938
esriSRDatum_Serindung	PE_D_SERINDUNG
esriSRDatum_SierraLeone1924	PE_D_SIERRA_LEONE_1924
esriSRDatum_SierraLeone1960	PE_D_SIERRA_LEONE_1960
esriSRDatum_SierraLeone1968	PE_D_SIERRA_LEONE_1968
esriSRDatum_SIRGAS	PE_D_SIRGAS
esriSRDatum_SouthAsiaSingapore	PE_D_S_ASIA_SINGAPORE
esriSRDatum_SouthYemen	PE_D_SOUTH_YEMEN
esriSRDatum_ST71Belep	PE_D_ST71_BELEP
esriSRDatum_ST84_Ile_des_Pins	PE_D_ST84_ILE_DES_PINS

esriSRDatum_ST87Ouvea	PE_D_ST87_OUVEA
esriSRDatum_StGeorgelsland	PE_D_ST_GEORGE_ISLAND
esriSRDatum_StKitts1955	PE_D_ST_KITTS_1955
esriSRDatum_StLawrencelsland	PE_D_ST_LAWRENCE_ISLAND
esriSRDatum_StLucia1955	PE_D_ST_LUCIA_1955
esriSRDatum_Stockholm1938	PE_D_STOCKHOLM_1938
esriSRDatum_StPaullisland	PE_D_ST_PAUL_ISLAND
esriSRDatum_Struve1860	PE_D_STRUVE_1860
esriSRDatum_StVincent1945	PE_D_ST_VINCENT_1945
esriSRDatum_Sudan	PE_D_SUDAN
esriSRDatum_SWEREF99	PE_D_SWEREF99
esriSRDatum_Tahaa	PE_D_TAHAA
esriSRDatum_Tahiti	PE_D_TAHITI
esriSRDatum_Tananarive1925	PE_D_TANANARIVE_1925
esriSRDatum_TernIsland1961	PE_D_TERN_ISLAND_1961
esriSRDatum_Tete	PE_D_TETE
esriSRDatum_Timbalai1948	PE_D_TIMBALAI_1948
esriSRDatum_TM65	PE_D_TM65
esriSRDatum_TM75	PE_D_TM75
esriSRDatum_Tokyo	PE_D_TOKYO
esriSRDatum_Trinidad1903	PE_D_TRINIDAD_1903
esriSRDatum_Tristan1968	PE_D_TRISTAN_1968
esriSRDatum_TrucialCoast1948	PE_D_TRUCIAL_COAST_1948
esriSRDatum_VitiLevu1916	PE_D_VITI_LEVU_1916
esriSRDatum_Voirol1875	PE_D_VOIROL_1875
esriSRDatum_VoirolUnifie1960	PE_D_VOIROL_UNIFIE_1960
esriSRDatum_WakeEniwetok1960	PE_D_WAKE_ENIWETOK_1960
esriSRDatum_Wakelsland1952	PE_D_WAKE_ISLAND_1952
esriSRDatum_Walbeck	PE_D_WALBECK
esriSRDatum_WarOffice	PE_D_WAR_OFFICE
esriSRDatum_WGS1966	PE_D_WGS_1966
esriSRDatum_WGS1972	PE_D_WGS_1972
esriSRDatum_WGS1972BE	PE_D_WGS_1972_BE
esriSRDatum_WGS1984	PE_D_WGS_1984
esriSRDatum_Xian1980	PE_D_XIAN_1980
esriSRDatum_Yacare	PE_D_YACARE
esriSRDatum_YemenNGN1996	PE_D_YEMEN_NGN_1996
esriSRDatum_Yoff	PE_D_YOFF
esriSRDatum_Zanderij	PE_D_ZANDERIJ

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### Geographic coordinate systems (spheroid-based)

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macro	code	name
PE_GCS_AIRY_1830	4001	Airy 1830
PE_GCS_AIRY_MOD	4002	Airy modified
PE_GCS_AUSTRALIAN	4003	Australian National
PE_GCS_BESSEL_1841	4004	Bessel 1841
PE_GCS_BESSEL_MOD	4005	Bessel modified
PE_GCS_BESSEL_NAMIBIA	4006	Bessel Namibia
PE_GCS_CLARKE_1858	4007	Clarke 1858
PE_GCS_CLARKE_1866	4008	Clarke 1866
PE_GCS_CLARKE_1866_MICH	4009	Clarke 1866 Michigan
PE_GCS_CLARKE_1880	4034	Clarke 1880
PE_GCS_CLARKE_1880_ARC	4013	Clarke 1880 (Arc)
PE_GCS_CLARKE_1880_BENOIT	4010	Clarke 1880 (Benoit)
PE_GCS_CLARKE_1880_IGN	4011	Clarke 1880 (IGN)
PE_GCS_CLARKE_1880_RGS	4012	Clarke 1880 (RGS)
PE_GCS_CLARKE_1880_SGA	4014	Clarke 1880 (SGA)
PE_GCS_EVEREST_1830	4042	Everest 1830 (was 4015)
PE_GCS_EVEREST_DEF_1962	4044	Everest (definition 1962)
PE_GCS_EVEREST_DEF_1967	4016	Everest (definition 1967)
PE_GCS_EVEREST_DEF_1975	4045	Everest (definition 1975) (was 4017)
PE_GCS_EVEREST_MOD	4018	Everest modified

PE_GCS_EVEREST_MOD_1969	37006	Everest modified 1969
PE_GCS_FISCHER_1960	37002	Fischer 1960
PE_GCS_FISCHER_1968	37003	Fischer 1968
PE_GCS_FISCHER_MOD	37004	Fischer modified
PE_GCS_GEM_10C	4031	GEM gravity potential model
PE_GCS_GRS_1967	4036	GRS 1967
PE_GCS_GRS_1980	4019	GRS 1980
PE_GCS_HELMERT_1906	4020	Helmert 1906
PE_GCS_HOUGH_1960	37005	Hough 1960
PE_GCS_INDONESIAN	4021	Indonesian National
PE_GCS_INTERNATIONAL_1924	4022	International 1927
PE_GCS_INTERNATIONAL_1967	4023	International 1967
PE_GCS_KRASOVSKY_1940	4024	Krasovsky 1940
PE_GCS_NWL_9D	4025	Transit precise ephemeris
PE_GCS_OSU_86F	4032	OSU 1986 geoidal model
PE_GCS_OSU_91A	4033	OSU 1991 geoidal model
PE_GCS_PLESSIS_1817	4027	Plessis 1817
PE_GCS_SPHERE	4035	Authalic sphere
PE_GCS_SPHERE_AI	37008	Authalic sphere (ARC/INFO)
PE_GCS_SPHERE_EMEP	104128	EMEP
PE_GCS_STRUVE_1860	4028	Struve 1860
PE_GCS_WALBECK	37007	Walbeck
PE_GCS_WAR_OFFICE	4029	War Office
PE_GCS_WGS_1966	37001	WGS 1966

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## Geographic coordinate systems

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macro	code	name
PE_GCS_ABIDJAN_1987	4143	Abidjan 1987
PE_GCS_ACCRA	4168	Accra
PE_GCS_ADINDAN	4201	Adindan
PE_GCS_AFGOOYE	4205	Afgooye
PE_GCS_AGADEZ	4206	Agadez
PE_GCS_AGD_1966	4202	Australian Geodetic Datum 1966
PE_GCS_AGD_1984	4203	Australian Geodetic Datum 1984
PE_GCS_AIN_EL_ABD_1970	4204	Ain el Abd 1970
PE_GCS_ALASKAN_ISLANDS	37260	GCS_Alaskan_Islands
PE_GCS_ALBANIAN_1987	4191	Albanian 1987
PE_GCS_AMERSFOORT	4289	Amersfoort
PE_GCS_AMMASSALIK_1958	4196	Ammassalik 1958
PE_GCS_ANGUILLA_1957	4600	Anguilla 1957
PE_GCS_ANNA_1_1965	37231	Anna 1 1965
PE_GCS_ANTIGUA_1943	4601	Antigua 1943
PE_GCS_ARATU	4208	Aratu
PE_GCS_ARC_1950	4209	Arc 1950
PE_GCS_ARC_1960	4210	Arc 1960
PE_GCS_ASCENSION_ISLAND_1958	37237	Ascension Island 1958
PE_GCS_ASTRO_1952	37214	Astro 1952
PE_GCS_ATF_PARIS	4901	ATF (Paris)
PE_GCS_AUSTRALIAN_ANTARCTIC_1998	4176	Australian Antarctic Datum 1998
PE_GCS_AYABELLE	37208	Ayabelle
PE_GCS_AZORES_CENTRAL_1948	4183	Azores Central Islands 1948
PE_GCS_AZORES_CENTRAL_1995	4665	Azores Central Islands 1995
PE_GCS_AZORES_OCCIDENTAL_1939	4182	Azores Occidental Islands 1939
PE_GCS_AZORES_ORIENTAL_1940	4184	Azores Oriental Islands 1940
PE_GCS_AZORES_ORIENTAL_1995	4664	Azores Oriental Islands 1995
PE_GCS_BAB_SOUTH	104112	Bab South
PE_GCS_BARBADOS_1938	4212	Barbados 1938
PE_GCS_BATAVIA	4211	Batavia
PE_GCS_BATAVIA_JAKARTA	4813	Batavia (Jakarta)
PE_GCS_BEACON_E_1945	37212	Beacon E 1945
PE_GCS_BEDUARAM	4213	Beduaram
PE_GCS_BEIJING_1954	4214	Beijing 1954
PE_GCS_BELGE_1950	4215	Reseau National Belge 1950

PE_GCS_BELGE_1950_BRUSSELS	4809	Belge 1950 (Brussels)
PE_GCS_BELGE_1972	4313	Reseau National Belge 1972
PE_GCS_BELLEVUE	37215	Bellevue IGN
PE_GCS_BERMUDA_1957	4216	Bermuda 1957
PE_GCS_BERMUDA_2000	104114	Bermuda 2000
PE_GCS_BERN_1898	4217	Bern 1898
PE_GCS_BERN_1898_BERN	4801	Bern 1898 (Bern)
PE_GCS_BERN_1938	4306	Bern 1938
PE_GCS_BISSAU	37209	Bissau
PE_GCS_BOGOTA	4218	Bogota
PE_GCS_BOGOTA_BOGOTA	4802	Bogota (Bogota)
PE_GCS_BUKIT_RIMPAH	4219	Bukit Rimpah
PE_GCS_CAMACUPA	4220	Camacupa
PE_GCS_CAMP_AREA	37253	Camp Area Astro
PE_GCS_CAMPO_INCHAUSPE	4221	Campo Inchauspe
PE_GCS_CANTON_1966	37216	Canton 1966
PE_GCS_CAPE	4222	Cape
PE_GCS_CAPE_CANAVERAL	37239	Cape Canaveral
PE_GCS_CARTHAGE	4223	Carthage
PE_GCS_CARTHAGE_DEGREE	37223	Carthage (degrees)
PE_GCS_CARTHAGE_PARIS	4816	Carthage (Paris)
PE_GCS_CHATHAM_ISLAND_1971	37217	Chatham Island 1971
PE_GCS_CHATHAM_ISLANDS_1979	104125	Chatham Islands 1979
PE_GCS_CHOS_MALAL_1914	4160	Chos Malal 1914
PE_GCS_CHTRF_1995	4151	Swiss TRF 1995
PE_GCS_CHUA	4224	Chua
PE_GCS_CH1903	4149	CH1903
PE_GCS_CH1903_PLUS	4150	CH1903+
PE_GCS_COMBANI_1950	4632	Combani 1950
PE_GCS_CONAKRY_1905	4315	Conakry 1905
PE_GCS_CORREGO_ALEGRE	4225	Corrego Alegre
PE_GCS_COTE_D_IVOIRE	4226	Cote d'Ivoire
PE_GCS_CSG_1967	4623	Centre Spatial Guyanais 1967
PE_GCS_DABOLA	37210	Dabola
PE_GCS_DATUM_73	4274	Datum 73
PE_GCS_DEALUL_PISCVLUI_1933	4316	Dealul Piscului 1933 (Romania)
PE_GCS_DEALUL_PISCVLUI_1970	4317	Dealul Piscului 1970 (Romania)
PE_GCS_DECEPTION_ISLAND	37254	Deception Island
PE_GCS_DEIR_EZ_ZOR	4227	Deir ez Zor
PE_GCS_DHDN	4314	Deutsche Hauptdreiecksnetz
PE_GCS_DOMINICA_1945	4602	Dominica 1945
PE_GCS_DOS_1968	37218	DOS 1968
PE_GCS_DOS_71_4	37238	DOS 71 4
PE_GCS_DOUALA	4228	Douala
PE_GCS_DOUALA_1948	4192	Douala 1948
PE_GCS_EASTER_ISLAND_1967	37219	Easter Island 1967
PE_GCS_ED_1950	4230	European Datum 1950
PE_GCS_ED_1987	4231	European Datum 1987
PE_GCS_ED_1950_ED77	4154	European Datum 1950 (ED77)
PE_GCS_EGYPT_1907	4229	Egypt 1907
PE_GCS_EGYPT_1930	4199	Egypt 1930
PE_GCS_ESTONIA_1992	4133	Estonia 1992
PE_GCS_ESTONIA_1997	4180	Estonia 1997
PE_GCS_ETRF_1989	4258	European Reference Frame 1989
PE_GCS_EUROPEAN_1979	4668	European 1979
PE_GCS_EUROPEAN_LIBYAN_1979	4159	European Libyan 1979
PE_GCS_EUREF_FIN	104129	EUREF - Finland
PE_GCS_EVEREST_BANGLADESH	37202	Everest - Bangladesh
PE_GCS_EVEREST_INDIA_NEPAL	37203	Everest - India and Nepal
PE_GCS_FAHUD	4232	Fahud
PE_GCS_FD_1958	4132	Final Datum 1958
PE_GCS_FORT_DESAIX	4625	Fort Desaix
PE_GCS_FORT_MARIGOT	4621	Fort Marigot
PE_GCS_FORT_THOMAS_1955	37240	Fort Thomas 1955
PE_GCS_GAN_1970	37232	Gan 1970
PE_GCS_GANDAJIKA_1970	4233	Gandajika 1970
PE_GCS_GAROUA	4234	Garoua
PE_GCS_GDA_1994	4283	Geocentric Datum of Australia 1994
PE_GCS_GRACIOSA_1948	37241	Graciosa_Base SW 1948
PE_GCS_GRAND_COMOROS	4646	Grand Comoros

PE_GCS_GRENADA_1953	4603	Grenada 1953
PE_GCS_GUAM_1963	37220	Guam 1963
PE_GCS_GUNUNG_SEGARA	4613	Gunung Segara
PE_GCS_GUNUNG_SEGARA_JAKARTA	4820	Gunung Segara (Jakarta)
PE_GCS_GUX_1	37221	GUX 1
PE_GCS_GUYANE_FRANCAISE	4235	Guyane Francaise
PE_GCS_HANOI_1972	4147	Hanoi 1972
PE_GCS_HARTEBEESTHOEK94	4148	Hartebeesthoek94
PE_GCS_HELLE_1954	4660	Helle 1954
PE_GCS_HERAT_NORTH	4255	Herat North
PE_GCS_HERMANNSKOGEL	104102	Hermannskogel
PE_GCS_HITO_XVIII_1963	4254	Hito XVIII 1963
PE_GCS_HJORSEY_1955	4658	Hjorsey 1955
PE_GCS_HONG_KONG_1963	37205	Hong Kong 1963
PE_GCS_HONG_KONG_1980	4611	Hong Kong 1980
PE_GCS_HU_TZU_SHAN	4236	Hu Tzu Shan
PE_GCS_HUNGARIAN_1972	4237	Hungarian Datum 1972
PE_GCS_IGM_1995	4670	IGM 1995
PE_GCS_IGN53_MARE	4641	IGN53 Mare
PE_GCS_IGN56_LIFOU	4633	IGN56 Lifou
PE_GCS_IGN72_GRANDE_TERRE	4662	IGN72 Grande Terre
PE_GCS_IGN72_NUKU_HIVA	4630	IGN72 Nuku Hiva
PE_GCS_IKBD_1992	4667	Iraq-Kuwait Boundary Datum 1992
PE_GCS_INDIAN_1954	4239	Indian 1954
PE_GCS_INDIAN_1960	4131	Indian 1960
PE_GCS_INDIAN_1975	4240	Indian 1975
PE_GCS_INDONESIAN_1974	4238	Indonesian Datum 1974
PE_GCS_IRENET95	4173	IRENET95
PE_GCS_ISN_1993	4659	Islands Network 1993
PE_GCS_ISRAEL	4141	Israel
PE_GCS_ISTS_061_1968	37242	ISTS 061 1968
PE_GCS_ISTS_073_1969	37233	ISTS 073 1969
PE_GCS_ITRF_1988	104115	IERS Terrestrial Reference Frame 1988
PE_GCS_ITRF_1989	104116	IERS Terrestrial Reference Frame 1989
PE_GCS_ITRF_1990	104117	IERS Terrestrial Reference Frame 1990
PE_GCS_ITRF_1991	104118	IERS Terrestrial Reference Frame 1991
PE_GCS_ITRF_1992	104119	IERS Terrestrial Reference Frame 1992
PE_GCS_ITRF_1993	104120	IERS Terrestrial Reference Frame 1993
PE_GCS_ITRF_1994	104121	IERS Terrestrial Reference Frame 1994
PE_GCS_ITRF_1996	104122	IERS Terrestrial Reference Frame 1996
PE_GCS_ITRF_1997	104123	IERS Terrestrial Reference Frame 1997
PE_GCS_ITRF_2000	104124	IERS Terrestrial Reference Frame 2000
PE_GCS_JAMAICA_1875	4241	Jamaica 1875
PE_GCS_JAMAICA_1969	4242	Jamaica 1969
PE_GCS_JGD_2000	4612	JGD 2000
PE_GCS_JOHNSTON_ISLAND_1961	37222	Johnston Island 1961
PE_GCS_JORDAN	104130	Jordan
PE_GCS_K0_1949	4631	K0 1949
PE_GCS_KALIANPUR_1880	4243	Kalianpur 1880
PE_GCS_KALIANPUR_1937	4144	Kalianpur 1937
PE_GCS_KALIANPUR_1962	4145	Kalianpur 1962
PE_GCS_KALIANPUR_1975	4146	Kalianpur 1975
PE_GCS_KANDAWALA	4244	Kandawala
PE_GCS_KERGUELEN_ISLAND_1949	37234	Kerguelen Island 1949
PE_GCS_KERTAU	4245	Kertau
PE_GCS_KOC	4246	Kuwait Oil Company
PE_GCS_KOREAN_DATUM_1985	4162	Korean Datum 1985
PE_GCS_KOREAN_DATUM_1995	4166	Korean Datum 1995
PE_GCS_KOUSSERI	4198	Kousseri
PE_GCS_KUDAMS	4319	Kuwait Utility
PE_GCS_KUSAIE_1951	37259	Kusaie 1951
PE_GCS_LA_CANOVA	4247	La Canoa
PE_GCS_LAKE	4249	Lake
PE_GCS_LC5_1961	37243	LC5 1961
PE_GCS_LEIGON	4250	Leigon
PE_GCS_LIBERIA_1964	4251	Liberia 1964
PE_GCS_LISBOA_BESSEL	104105	Lisboa Bessel
PE_GCS_LISBOA_HAYFORD	104106	Lisboa Hayford
PE_GCS_LISBON	4207	Lisbon
PE_GCS_LISBON_LISBON	4803	Lisbon (Lisbon)

PE_GCS_LISBON_1890	4666	Lisbon 1890
PE_GCS_LISBON_1890_LISBON	4904	Lisbon 1890 (Lisbon)
PE_GCS_LOCODJO_1965	4142	Locodjo 1965
PE_GCS_LKS_1992	4661	Latvia 1992
PE_GCS_LKS_1994	4126	LKS 1994
PE_GCS_LOMA_QUINTANA	4288	Loma Quintana
PE_GCS_LOME	4252	Lome
PE_GCS_LUXEMBOURG_1930	4181	Luxembourg 1930
PE_GCS_LUZON_1911	4253	Luzon 1911
PE_GCS_MAHE_1971	4256	Mahe 1971
PE_GCS_MADEIRA_1936	4185	Madeira 1936
PE_GCS_MADRID_1870_MADRID	4903	Madrid 1870 (Madrid)
PE_GCS_MADZANSUA	4128	Madzansua
PE_GCS_MAJURO	104113	Majuro
PE_GCS_MAKASSAR	4257	Makassar
PE_GCS_MAKASSAR_JAKARTA	4804	Makassar (Jakarta)
PE_GCS_MALONGO_1987	4259	Malongo 1987
PE_GCS_MANOCA	4260	Manoca
PE_GCS_MANOCA_1962	4193	Manoca 1962
PE_GCS_MASSAWA	4262	Massawa
PE_GCS_MERCHICH	4261	Merchich
PE_GCS_MERCHICH_DEGREE	104261	Merchich
PE_GCS_MGI	4312	Militar-Geographische Institut
PE_GCS_MGI_FERRO	4805	MGI (Ferro)
PE_GCS_MHAST	4264	Mhast
PE_GCS_MIDWAY_1961	37224	Midway 1961
PE_GCS_MINNA	4263	Minna
PE_GCS_MONTE_MARIO	4265	Monte Mario
PE_GCS_MONTE_MARIO_ROME	4806	Monte Mario (Rome)
PE_GCS_MONTSERRAT_1958	4404	Montserrat 1958
PE_GCS_MOP78	4639	MOP78
PE_GCS_MOUNT_DILLON	4157	Mount Dillon
PE_GCS_MOZNET	4130	Moznet
PE_GCS_MPORALOKO	4266	M'poraloko
PE_GCS_NAD_MICH	4268	NAD Michigan
PE_GCS_NAD_1927	4267	North American Datum 1927
PE_GCS_NAD_1927_CGQ77	4609	North American Datum 1927 (CGQ77)
PE_GCS_NAD_1927_DEF_1976	4608	North American Datum 1927 (def 1976)
PE_GCS_NAD_1983	4269	North American Datum 1983
PE_GCS_NAD_1983_CSRS98	4140	North American 1983 CSRS98
PE_GCS_NAD_1983_HARN	4152	North American 1983 HARN (was 104269)
PE_GCS_NAHRWAN_1967	4270	Nahrwan 1967
PE_GCS_NAPARIMA_1955	4158	Naparima 1955
PE_GCS_NAPARIMA_1972	4271	Naparima 1972
PE_GCS_NDG_PARIS	4902	Nord de Guerre (Paris)
PE_GCS_NEA74_NOUMEA	4644	NEA74 Noumea
PE_GCS_NGN	4318	National Geodetic Network (Kuwait)
PE_GCS_NGO_1948	4273	NGO 1948
PE_GCS_NGO_1948_OSLO	4817	NGO 1948 (Oslo)
PE_GCS_NORD_SAHARA_1959	4307	Nord Sahara 1959
PE_GCS_NORD_SAHARA_1959_PARIS	4819	Nord Sahara 1959 Paris
PE_GCS_NSWC_9Z_2	4276	NSWC 9Z-2
PE_GCS_NTF	4275	Nouvelle Triangulation Francaise
PE_GCS_NTF_PARIS	4807	NTF (Paris)
PE_GCS_NZGD_1949	4272	New Zealand Geodetic Datum 1949
PE_GCS_NZGD_2000	4167	New Zealand Geodetic Datum 2000
PE_GCS_OBSERV_METEOR_1939	37245	Observ Meteorologico 1939
PE_GCS_OBSERV_METEOR_1965	104126	Observatorio Meteorologico 1965
PE_GCS_OBSERVATARIO	4129	Observatorio
PE_GCS_OLD_HAWAIIAN	4135	Old Hawaiian
PE_GCS_OMAN	37206	Oman
PE_GCS_OS_SN_1980	4279	OS (SN) 1980
PE_GCS_OSGB_1936	4277	OSGB 1936
PE_GCS_OSGB_1970_SN	4278	OSGB 1970 (SN)
PE_GCS_OSNI_1952	4188	OSNI 1952
PE_GCS_PADANG_1884	4280	Padang 1884
PE_GCS_PADANG_1884_JAKARTA	4808	Padang 1884 (Jakarta)
PE_GCS_PALESTINE_1923	4281	Palestine 1923
PE_GCS_PAMPA_DEL_CASTILLO	4161	Pampa del Castillo
PE_GCS_PDO_1993	4134	PDO 1993

PE_GCS_PETRELS_1972	4636	Petrels 1972
PE_GCS_PICO_DE_LAS_NIEVES	37246	Pico de Las Nieves
PE_GCS_PITCAIRN_1967	37226	Pitcairn 1967
PE_GCS_PITON_DES_NEIGES	4626	Piton des Neiges
PE_GCS_POHNPEI	104109	Pohnpei
PE_GCS_POINT58	4620	Point 58
PE_GCS_POINTE_GEOLOGIE_PERROUD_1950	4637	Pointe Geologie Perroud 1950
PE_GCS_POINTE_NOIRE	4282	Pointe Noire
PE_GCS_PORTO_SANTO_1936	4615	Porto Santo 1936
PE_GCS_PORTO_SANTO_1995	4663	Porto Santo 1995
PE_GCS_POSGAR	4172	POSGAR
PE_GCS_POSGAR_1998	4190	POSGAR 1998
PE_GCS_PSAD_1956	4248	Provisional South Amer. Datum 1956
PE_GCS_PUERTO_RICO	4139	Puerto Rico
PE_GCS_PULKOVO_1942	4284	Pulkovo 1942
PE_GCS_PULKOVO_1942_ADJ_1958	4179	Pulkovo 1942/58
PE_GCS_PULKOVO_1942_ADJ_1983	4178	Pulkovo 1942/83
PE_GCS_PULKOVO_1995	4200	Pulkovo 1995
PE_GCS_QATAR_1948	4286	Qatar 1948
PE_GCS_QATAR_1974	4285	Qatar 1974
PE_GCS_QND_1995	4614	Qatar National Datum 1995
PE_GCS_QORNOQ	4287	Qornoq
PE_GCS_QORNOQ_1927	4194	Qornoq 1927
PE_GCS_RASSADIRAN	4153	Rassadiran
PE_GCS_REGVEN	4189	REGVEN
PE_GCS_REUNION	37235	Reunion
PE_GCS_REYKJAVIK_1900	4657	Reykjavik 1900
PE_GCS_RGF_1993	4171	RGF 1993
PE_GCS_RGFG_1995	4624	Reseau Geodesique Francais Guyane 1995
PE_GCS_RGNC_1991	4645	Reseau Geodesique Nouvelle Caledonie 1991
PE_GCS_RGR_1992	4627	Reseau Geodesique de la Reunion 1992
PE_GCS_ROMA_1940	104127	Roma 1940
PE_GCS_RRAF_1991	4640	Reseau de Reference des Antilles Francaises 1991
PE_GCS_RT38	4308	RT38
PE_GCS_RT38_STOCKHOLM	4814	RT38 (Stockholm)
PE_GCS_RT90	4124	RT90
PE_GCS_S_ASIA_SINGAPORE	37207	South Asia Singapore
PE_GCS_S_JTSK	37258	S-JTSK
PE_GCS_S42_HUNGARY	37257	S42 Hungary
PE_GCS_SAD_1969	4291	South American Datum 1969
PE_GCS_SAINTE_ANNE	4622	Sainte Anne
PE_GCS_SAINT_PIERRE_ET_MIQUELON_1950	4638	Saint Pierre et Miquelon 1950
PE_GCS_SAMOA_1962	37252	American Samoa 1962
PE_GCS_SAMBOJA	4125	Samboja
PE_GCS_SANTO_DOS_1965	37227	Santo DOS 1965
PE_GCS_SAO_BRAZ	37249	Sao Braz
PE_GCS_SAPPER_HILL_1943	4292	Sapper Hill 1943
PE_GCS_SCHWARZECK	4293	Schwarzeck
PE_GCS_SCORESBYSUND_1952	4195	Scoresbysund 1952
PE_GCS_SEGORA	4294	Segora
PE_GCS_SELVAGEM_GRADE_1938	37250	Selvagem Grande 1938
PE_GCS_SERINDUNG	4295	Serindung
PE_GCS_SIERRA_LEONE_1924	4174	Sierra Leone 1924
PE_GCS_SIERRA_LEONE_1960	104103	Sierra Leone 1960
PE_GCS_SIERRA_LEONE_1968	4175	Sierra Leone 1968
PE_GCS_SIRGAS	4170	SIRGAS
PE_GCS_SOUTH_YEMEN	4164	South Yemen
PE_GCS_ST71_BELEP	4643	ST71 Belep
PE_GCS_ST84_ILE_DES_PINS	4642	ST84 Ile des Pins
PE_GCS_ST87_OUVEA	4635	ST87 Ouvea
PE_GCS_ST_GEORGE_ISLAND	4138	St. George Island
PE_GCS_ST_KITTS_1955	4605	St. Kitts 1955
PE_GCS_ST_LAWRENCE_ISLAND	4136	St. Lawrence Island
PE_GCS_ST_LUCIA_1955	4606	St. Lucia 1955
PE_GCS_ST_PAUL_ISLAND	4137	St. Paul Island
PE_GCS_ST_VINCENT_1945	4607	St. Vincent 1945
PE_GCS_SUDAN	4296	Sudan
PE_GCS_SWEREF99	4619	SWEREF99
PE_GCS_TAHAHA	4629	Tahaa
PE_GCS_TAHITI	4628	Tahiti

PE_GCS_TANANARIVE_1925	4297	Tananarive 1925
PE_GCS_TANANARIVE_1925_PARIS	4810	Tananarive 1925 (Paris)
PE_GCS_TERN_ISLAND_1961	37213	Tem Island 1961
PE_GCS_TETE	37213	Tete
PE_GCS_TIMBALAI_1948	4298	Timbalai 1948
PE_GCS_TM65	4299	TM65
PE_GCS_TM75	4300	TM75
PE_GCS_TOKYO	4301	Tokyo
PE_GCS_TRINIDAD_1903	4302	Trinidad 1903
PE_GCS_TRISTAN_1968	37251	Tristan 1968
PE_GCS_TRUCIAL_COAST_1948	4303	Trucial Coast 1948
PE_GCS_VITI_LEVU_1916	37228	Viti Levu 1916
PE_GCS_VOIROL_1875	4304	Voirol 1875
PE_GCS_VOIROL_1875_DEGREE	104304	Voirol 1875 (Degrees)
PE_GCS_VOIROL_1875_PARIS	4811	Voirol 1875 (Paris)
PE_GCS_VOIROL_UNIFIE_1960	4305	Voirol Unifie 1960
PE_GCS_VOIROL_UNIFIE_1960_DEGREE	104305	Voirol Unifie 1960 (Degrees)
PE_GCS_VOIROL_UNIFIE_1960_PARIS	4812	Voirol Unifie 1960 (Paris)
PE_GCS_WAKE_ENIWETOK_1960	37229	Wake Eniwetok 1960
PE_GCS_WAKE_ISLAND_1952	37230	Wake Island 1952
PE_GCS_WGS_1972	4322	WGS 1972
PE_GCS_WGS_1972_BE	4324	WGS 1972 Transit Broadcast Ephemer.
PE_GCS_WGS_1984	4326	WGS 1984
PE_GCS_XIAN_1980	4610	Xian 1980
PE_GCS_YACARE	4309	Yacare
PE_GCS_YEMEN_NGN_1996	4163	Yemen NGN 1996
PE_GCS_YOFF	4310	Yoff
PE_GCS_ZANDERIJ	4311	Zanderij

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### Geographic Coordinate Systems by Area of Use

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Area of Use	Code	Name
Afghanistan	4255	Herat North
Africa - East	4210	Arc 1960
Africa - South & East	4209	Arc 1950
Alaska Islands	32760	Alaskan Islands
Alaska - St. George Island	4138	St. George Island
Alaska - St. Lawrence Island	4136	St. Lawrence Island
Alaska - St. Paul Island	4137	St. Paul Island
Albania	4191	Albanian 1987
Algeria	4307	Nord Sahara 1959
Algeria	4819	Nord Sahara 1959 (Paris)
Algeria - North of 32N	4304	Voirol 1875
Algeria - North of 32N	104304	Voirol 1875 (degrees)
Algeria - North of 32N	4811	Voirol 1875 (Paris)
Algeria - North of 32N	4305	Voirol Unifie 1960
Algeria - North of 32N	4305	Voirol Unifie 1960 (degrees)
Algeria - North of 32N	4812	Voirol Unifie 1960 (Paris)
American Samoa	37252	American Samoa 1962
Anbola - Cabinda	4264	Mhast
Angola	4220	Camacupa
Angola - Cabinda	4259	Malongo 1987
Anguilla - Leeward Islands	4600	Anguilla 1957
Antarctica - Camp Area	37253	Camp Area Astro
Antarctica - Deception Island	37254	Deception Island
Antigua - Leeward Islands	4601	Antigua 1943
Arabian Gulf	4270	Nahrwan 1967
Argentina	4221	Campo Inchauspe
Argentina	4172	POSGAR
Argentina - Comodoro Rivadavia	4161	Pampa del Castillo
Argentina - Neuquen	4160	Chos Malal 1914
Armenia	4284	Pulkovo 1942
Ascension Island	37237	Ascension Island 1958
Australia	4202	Australian Geodetic Datum 1966
Australia	4203	Australian Geodetic Datum 1984

Australia	4283	Geocentric Datum of Australia 1994
Austria	4312	Militar-Geographische Institut
Austria	4805	MGI (Ferro)
Azerbaijan	4284	Pulkovo 1942
Azores - Graciosa, Terceira, Sao Jorge, Pico, Faial	4183	Azores Central Islands 1948
Azores - Graciosa, Terceira, Sao Jorge, Pico, Faial	4665	Azores Central Islands 1995
Azores - Faial, Graciosa, Pico, Sao Jorge, & Terceira	37241	Graciosa Base SW 1948
Azores - Flores, Corvo	4182	Azores Occidental Islands 1939
Azores - Corvo & Flores	37245	Observ Meteorologico 1939
Azores - Sao Miguel & Santa Maria Islands	4184	Azores Oriental Islands 1940
Azores - Sao Miguel & Santa Maria Islands	4664	Azores Oriental Islands 1995
Azores - Sao Miguel & Santa Maria Islands	37249	Sao Braz
Bahamas	37239	Cape Canaveral
Bangladesh	37202	Everest - Bangladesh
Bangladesh	4144	Kalianpur 1937
Barbados	4212	Barbados
Belarus	4284	Pulkovo 1942
Belgium	4809	Belge 1950 (Brussels)
Belgium	4215	Reseau National Belge 1950
Belgium	4313	Reseau National Belge 1972
Bermuda	4216	Bermuda 1957
Bermuda	104114	Bermuda 2000
Bolivia	4248	Prov South Amer. Datum 1956
Bosnia & Herzegovina	104102	Hermannskogel
Brazil	4224	Chua
Brazil	4225	Corrego Alegre
Brazil - coast south of -2 55	4208	Aratu
Brunei & East Malaysia	4298	Timbalai 1948
Burkina Faso	37211	Point 58
Cameroon	4228	Douala
Cameroon	4192	Douala 1948
Cameroon	4234	Garoua
Cameroon	4260	Manoca
Cameroon	4193	Manoca 1962
Cameroon - N'Djamena area	4198	Kousseri
Canada	4267	North American Datum 1927
Canada	4269	North American Datum 1983
Canada - New Brunswick, Nova Scotia, Prince Edward I.	4140	ATS 1977
Canada - Quebec	4609	North American 1927 (CGQ77)
Canada - Ontario	4608	NAD 1927 (definition 1976)
Canary Islands	37246	Pico de Las Nieves
Caroline Islands	37259	Kusaie 1951
Cayman Brac Island	37243	LC5 1961
Chatham Island	37217	Chatham Island 1971
Chatham Islands	104125	Chatham Islands 1979
Chile - Tierra del Fuego	4254	Hito XVIII 1963
China	4214	Beijing 1954
China	4610	Xian 1980
Cocos Islands	37231	Anna 1 1965
Colombia	4218	Bogota
Colombia	4802	Bogota (Bogota)
Comoros	4646	Grand Comoros
Congo	4282	Pointe Noire
Corvo Island - Azores	37245	Observ Meteorologico 1939
Cote d'Ivoire	4143	Abidjan 1987
Cote d'Ivoire	4226	Cote d'Ivoire
Cote d'Ivoire	4142	Locodjo 1965
Croatia	104102	Hermannskogel
Czechoslovakia (prior to 1 Jan 1993)	37258	S-JTSK
Deception Island	37254	Deception Island
Dominica - Windward Islands	4602	Dominica 1945
Easter Island	37219	Easter Island 1967
Ecuador	4248	Prov South Amer. Datum 1956
Efate & Erromango Islands	37215	Bellevue IGN
Egypt	4229	Egypt 1907
Egypt	4199	Egypt 1930
Eritrea	4262	Massawa
Espiritu Santo	37227	Santo DOS 1965
Estonia	104101	Estonia 1937
Estonia	4133	Estonia 1992

Estonia	4180	Estonia 1997
Estonia	4284	Pulkovo 1942
Ethiopia	4201	Adindan
Europe	104128	EMEP
Europe	104258	European Reference Frame 1989
Europe	4258	European Reference System 1989
Europe (west)	4230	European Datum 1950
Europe (west)	4231	European Datum 1987
Europe	4668	European 1979
Diego Garcia	37233	ISTS 073 1969
Faial - Azores Islands	37241	Graciosa Base SW 1948
Falkland Islands	4292	Sapper Hill 1943
Fiji - Viti Levu Island	37228	Viti Levu 1916
Finland	104129	EUREF - Finland
Flores Island - Azores	37245	Observ Meteorologico 1939
France	4901	ATF (Paris)
France	4275	Nouvelle Triangulation Francaise
France	4902	Nord de Guerre (Paris)
France	4807	NTF (Paris)
France	4171	RGF 1993
French Antilles - Guadeloupe and Martinique	4640	Reseau de Reference des Antilles
French Guiana	4623	Centre Spatial Guyanais 1967
French Guiana	4624	Reseau Geodesique Francais Guyane 1995
French Guiana	4235	Guyane Francaise
French Polynesia - Society Islands - Bora Bora, Huahin, Raiatea, Tahaa	4629	Tahaa
Gabon	4266	M'poraloko
Georgia	4284	Pulkovo 1942
Germany	4314	Deutsches Hauptdreiecksnetz
Germany - states of former East Germany (DDR)	4178	Pulkovo 1942/83
Ghana	4168	Accra
Ghana	4250	Leigon
Graciosa - Azores Islands	37241	Graciosa Base SW 1948
Greenland	4269	North American Datum 1983
Greenland	4287	Qornoq
Greenland	4194	Qornoq 1927
Greenland - Ammassalik area	4196	Ammassalik 1958
Greenland - Scoresbysund area	4195	Scoresbysund 1952
Guadalcanal Island	37221	GUX 1
Guadeloupe	4640	Reseau de Reference des Antilles
Guadeloupe - Basse-Terre, Grande-Terre, Desiride, Marie-Galante, Les Saintes	4622	Sainte Anne
Guadeloupe - Saint Martin and Saint Barthelemy islands	4621	Fort Marigot
Guam	37220	Guam 1963
Guinea	4315	Conakry 1905
Guinea	4155	Dabola 1981
Guinea - Bissau	37209	Bissau
Hawai'i	4135	Old Hawaiian
Hong Kong	37205	Hong Kong 1963
Hong Kong	4611	Hong Kong 1980
Hungary	4237	Hungarian Datum 1972
Hungary	37257	S-42 Hungary
Iceland	4658	Hjorsey 1955
Iceland	4659	Islands Network 1993
Iceland	4657	Reykjavik 1900
India	37203	Everest - India and Nepal
India	4243	Kalianpur 1880
India	4144	Kalianpur 1937
India	4144	Kalianpur 1975
Indonesia	4238	Indonesian Datum 1974
Indonesia - Banga & Belitung Islands	4219	Bukit Rimpah
Indonesia - E Kalimantan	4295	Serindung
Indonesia - east Kalimantan	4820	Gunung Segara (Jakarta)
Indonesia - E Kalimantan, Mahakam area	4125	Samboja
Indonesia - Java	4211	Batavia
Indonesia - Java	4813	Batavia (Jakarta)
Indonesia - Kalimantan	4613	Gunung Segara
Indonesia - SE Kalimantan	4294	Segora
Indonesia - Sumatra	4280	Padang 1884

Indonesia - Sumatra	4808	Padang 1884 (Jakarta)
Indonesia - SW Sulawesi	4257	Makassar
Indonesia - SW Sulawesi	4804	Makassar (Jakarta)
Iran	4154	ED 1950 (ED77)
Iran-Gulf coast and Arwaz	4132	Final Datum 1958
Iran-Tehari refinery only	4153	Rassadiran
Iraq	4667	Iraq-Kuwait Boundary Datum 1992
Ireland	4173	IRENET95
Ireland	4299	TM65
Ireland	4300	TM75
Israel	4141	Israel
Italy	4670	IGM 1995
Italy	4265	Monte Mario
Italy	4806	Monte Mario (Rome)
Italy	104127	Roma 1940
Iwo Jima	37212	Beacon E 1945
Jamaica	4241	Jamaica 1875
Jamaica	4242	Jamaica 1969
Jan Mayen	4660	Helle 1954
Japan	4612	JGD 2000
Japan	4301	Tokyo
Johnston Island	37222	Johnston Island 1961
Jordan	104130	Jordan
Jordan	4281	Palestine 1923
Kazakistan	4284	Pulkovo 1942
Kerguelen Island	4631	KO 1949
Kerguelen Island	37234	Kerguelen Island 1949
Kirgistan	4284	Pulkovo 1942
Kiribati - Phoenix Island	37216	Canton 1966
Korea - N & S	4301	Tokyo
Korea - South	4162	Korean Datum 1985
Korea - South	4166	Korean Datum 1995
Kuwait	4204	Ain el Abd 1970
Kuwait	4667	Iraq-Kuwait Boundary Datum 1992
Kuwait	4246	Kuwait Oil Company
Kuwait	4319	Kuwait Utility
Kuwait	4318	National Geodetic Network-Kuwait
Latvia	4661	LKS 1992
Latvia	4284	Pulkovo 1942
Lebanon	4281	Palestine 1923
Leeward Isl. - Anguilla	4600	Anguilla 1957
Leeward Isl. - Antigua	4601	Antigua 1943
Leeward Isl. - Montserrat	4404	Montserrat Island 1958
Leeward Isl. - St. Kitts	4605	St. Kitts 1955
Liberia	4251	Liberia 1964
Libya	4159	Libya
Liechtenstein	4217	Bern 1898
Liechtenstein	4801	Bern 1898 (Bern)
Liechtenstein	4306	Bern 1938
Liechtenstein	4151	CH TRF 1995
Liechtenstein	4149	CH1903
Liechtenstein	4150	CH1903+
Lithuania	4126	LKS 1994
Lithuania	4284	Pulkovo 1942
Luxembourg	4181	Luxembourg 1930
Macau	104126	Observatorio Meteorologico 1965
Madagascar	4297	Tananarive 1925
Madagascar	4810	Tananarive 1925 (Paris)
Madeira	4185	Madeira 1936
Madeira Islands	4615	Porto Santo 1936
Madeira	4663	Porto Santo 1995
Malaysia - West	4245	Kertau
Maldives	37232	Gan 1970 (use 4233)
Maldives	4233	Gandajika 1970
Marcus Island	37214	Astro 1952
Marqueses Islands - Nuku Hiva	4630	IGN72 Nuku Hiva
Marshall Islands	37229	Wake Eniwetok 1960
Marshall Islands - Majuro	104113	Majuro
Martinique	4625	Fort Desaix
Martinique	4640	Reseau de Reference des Antilles

Mascarene Islands	37235	Reunion
Mayotte	4632	Combani 1950
McMurdo Camp Area	37253	Camp Area Astro
Mexico	4269	North American Datum 1983
Micronesia - Caroline Islands	37259	Kusaie 1951
Midway Island	37224	Midway 1961
Moldova	4284	Pulkovo 1942
Montserrat - Leeward Islands	4404	Montserrat Island 1958
Morocco	4261	Merchich
Morocco	104261	Merchich (degrees)
Morocco	4307	Nord Sahara 1959
Morocco	4819	Nord Sahara 1959 (Paris)
Mozambique - west	4128	Madzansua
Mozambique	4130	Moznet
Mozambique - south	4129	Observatorio
Mozambique	4127	Tete
Myanmar	4239	Indian 1954
Namibia	4293	Schwarzeck
Nepal	37203	Everest - India and Nepal
Netherlands	4289	Amersfoort
Nevis Island - Leeward Islands	37240	Fort Thomas 1955
New Brunswick	4140	ATS 1977
New Caledonia	4645	Reseau Geodes. Nouvelle Caledonie 1991
New Caledonia - Belep	4643	ST71 Belep
New Caledonia - Grande Terre	4662	IGN72 Grande Terre
New Caledonia - Grande Terre - Noumea area	4644	NEA74 Noumea
New Caledonia - Ile des Pins	4642	ST84 Ile des Pins
New Caledonia - Lifou	4633	IGN56 Lifou
New Caledonia - Mare	4641	IGN53 Mare
New Caledonia - Ouvea	4635	ST87 Ouvea
New Georgia - Gizo Island	37218	DOS 1968
New Zealand	4272	New Zealand Geodetic Datum 1949
New Zealand	4167	New Zealand Geodetic Datum 2000
Niger	4206	Agadez
Niger	4213	Beduaram
Niger	4620	Point 58
Nigeria	4263	Minna
North & central America	4267	North American Datum 1927
North America	4269	North American Datum 1983
Northern Ireland	4188	OSNI 1952
Norway	4273	NGO 1948
Norway - Jan Mayen	4660	Helle 1954
Nova Scotia	4140	ATS 1977
Oman	4232	Fahud
Oman	37206	Oman
Oman	4134	PDO 1993
Ontario, Canada	4608	NAD 1927 (definition 1976)
Pakistan	4243	Kalianpur 1880
Pakistan	4144	Kalianpur 1937
Pakistan	4145	Kalianpur 1962
Palau - Bablethuap Island	104112	Bab South
Peru	4248	Prov South Amer. Datum 1956
Philippines	4253	Luzon 1911
Phoenix Island - Kiribati	37216	Canton 1966
Pico - Azores Islands	37241	Graciosa Base SW 1948
Pitcairn Island	37226	Pitcairn 1967
Poland	4179	Pulkovo 1942/58
Porto Santo Island - Madeira	37247	Porto Santo 1936
Porto Santo	4185	Madeira 1936
Porto Santo	4663	Porto Santo 1995
Portugal	4274	Datum 73
Portugal	104105	Lisboa Bessel
Portugal	104106	Lisboa Hayford
Portugal	4207	Lisbon
Portugal	4803	Lisbon (Lisbon)
Portugal	4666	Lisbon 1890
Portugal	4904	Lisbon 1890 (Lisbon)
Portugal - Madeira, Porto Santo and Desertas islands	4185	Madeira 1936
Portugal - Madeira, Porto Santo and Desertas islands	4663	Porto Santo 1995
Prince Edward Island	4140	ATS 1977

Puerto Rico	4139	Puerto Rico
Qatar	4614	Qatar National Datum 1995
Qatar - onshore	4285	Qatar 1974
Qatar - onshore	4286	Qatar 1948
Quebec	4609	North American 1927 (CGQ77)
Reunion	4626	Piton des Neiges
Reunion	4627	Reseau Geodesique de la Reunion 1992
Romania	4316	Dealul Piscului 1933 (Romania)
Romania	4317	Dealul Piscului 1970 (Romania)
Russia	4284	Pulkovo 1942
Russia	4284	Pulkovo 1942
Russia	4200	Pulkovo 1995
Russia	4200	Pulkovo 1995
Saint Pierre et Miquelon	4638	Saint Pierre et Miquelon 1950
Salvage Islands	37250	Selvagem Grande 1938
Santa Maria Island - Azores	37249	Sao Braz
Sao Jorge - Azores Islands	37241	Graciosa Base SW 1948
Sao Miguel Island - Azores	37249	Sao Braz
Saudi Arabia	4204	Ain el Abd 1970
Senegal	4310	Yoff
Serbia	104102	Hermannskogel
Seychelles	4256	Mahe 1971
Sierra Leone	4174	Sierra Leone 1924
Sierra Leone	104103	Sierra Leone 1960
Sierra Leone	4175	Sierra Leone 1968
Singapore	4245	Kertau
Singapore	37207	South Asia Singapore
Slovenia	104102	Hermannskogel
Society Islands - Bora Bora, Huahin, Raiatea, Tahaa	4629	Tahaa
Somalia	4205	Afgooye
South Africa	4222	Cape
South Africa	4148	Hartebeesthoek94
South America	4291	SIRGAS
South America	4170	South American Datum 1969
South Georgia Islands	37242	ISTS 061 1968
Spain	4903	Madrid 1870 (Madrid)
Sri Lanka	4244	Kandawala
St. George Island	4138	St. George Island
St. Helena Island	37238	DOS 71/4
St. Kitts Island - Leeward Islands	37240	Fort Thomas 1955
St. Kitts - Leeward Islands	4605	St. Kitts 1955
St. Lawrence Island	4136	St. Lawrence Island
St. Lucia - Windward Islands	4606	St. Lucia 1955
St. Paul Island	4137	St. Paul Island
St. Vincent - Windward Islands	4607	St. Vincent 1945
Sudan	4201	Adindan
Sudan - south	4296	Sudan
Suriname	4311	Zanderij
Sweden	4308	RT38
Sweden	4814	RT38 (Stockholm)
Sweden	4124	RT90
Sweden	4619	SWEREF99
Switzerland	4217	Bern 1898
Switzerland	4801	Bern 1898 (Bern)
Switzerland	4306	Bern 1938
Switzerland	4151	CH TRF 1995
Switzerland	4149	CH1903
Switzerland	4150	CH1903+
Syrian Arab Republic	4227	Deir ez Zor
Tadzhikstan	4284	Pulkovo 1942
Tahiti	4628	Tahiti
Taiwan	4236	Hu Tzu Shan
Terceira - Azores Islands	37241	Graciosa Base SW 1948
Tem Island	37213	Tem Island 1961
Thailand	4239	Indian 1954
Thailand	4240	Indian 1975
Tobago	4157	Mount Dillon
Togo	4252	Lome
Trinidad	4258	Naparima 1955
Trinidad	4302	Trinidad 1903

Trinidad and Tobago	4271	Naparima 1972
Tristan da Cunha	37251	Tristan 1968
Tunisia	4223	Carthage
Tunisia	37223	Carthage (degrees)
Tunisia	4816	Carthage (Paris)
Tunisia	4307	Nord Sahara 1959
Tunisia	4819	Nord Sahara 1959 (Paris)
Turkmenistan	4284	Pulkovo 1942
UK - Great Britain	4277	OSGB 1936
UK - Great Britain	4278	OSGB 1970 (SN)
UK & Ireland	4279	OS (SN) 1980
UK - Northern Ireland	4188	OSNI 1952
Ukraine	4284	Pulkovo 1942
United Arab Emirates	4303	Trucial Coast 1948
United States	4269	North American Datum 1983
United States	4152	North American Datum 1983 - HARN
United States - Alaska Islands	32760	Alaskan Islands
United States - Cape Canaveral	37239	Cape Canaveral
United States - Hawaii	37225	Old Hawaiian
United States - Michigan	4268	NAD Michigan
Uruguay	4309	Yacare
Uzbekistan	4284	Pulkovo 1942
Vanuatu - Efate & Erromango Islands	37215	Bellevue IGN
Venezuela	4247	La Canoa
Venezuela	4249	Lake
Venezuela	4288	Loma Quintana
Venezuela	4248	Prov South Amer. Datum 1956
Venezuela	4189	REGVEN
Viet Nam	4147	Hanoi 1972
Viet Nam	37256	Indian 1960
Virgin Islands	37248	Puerto Rico
Wake Atoll	37230	Wake Island 1952
Wallis and Futuna - Wallis	4639	MOP78
Windward Islands - Dominica	4602	Dominica 1945
Windward Islands - St. Lucia	4606	St. Lucia 1955
Windward Islands - St. Vincent	4607	St. Vincent 1945
World	104115	IERS Terrestrial Reference Frame 1988
World	104116	IERS Terrestrial Reference Frame 1989
World	104117	IERS Terrestrial Reference Frame 1990
World	104118	IERS Terrestrial Reference Frame 1991
World	104119	IERS Terrestrial Reference Frame 1992
World	104120	IERS Terrestrial Reference Frame 1993
World	104121	IERS Terrestrial Reference Frame 1994
World	104122	IERS Terrestrial Reference Frame 1996
World	104123	IERS Terrestrial Reference Frame 1997
World	104124	IERS Terrestrial Reference Frame 2000
World	4326	WGS 1972
World	4326	WGS 1972 BE
World	4326	WGS 1984
Yemen	4163	Yemen NGN 1996
Yemen - South	4164	South Yemen
Yugoslavia (prior to 1990)	104102	Hermannskogel

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## Geographic Coordinate Systems - Africa

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Name	Area of Use
Abidjan 1987	Cote d'Ivoire
Accra	Ghana
Adindan	Ethiopia, Sudan
Afgooye	Somalia
Agadez	Niger
Ain el Abd 1970	Kuwait, Saudi Arabia
Arc 1950	Africa - south & east
Arc 1960	Africa - east



## Geographic Coordinate Systems - Asia

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Name	Area of Use
Batavia	Indonesia - Java
Batavia (Jakarta)	Indonesia - Java
Beijing 1954	China
Bukit Rimpah	Indonesia - Banga & Belitung Islands
ED 1950 (ED77)	Iran
Everest - Bangladesh	Bangladesh
Everest - India and Nepal	India, Nepal
Final Datum 1958	Iran - Gulf coast and Arwaz
Gandajika 1970	Maldives
Gunung Segara	Indonesia - Kalimantan
Gunung Segara (Jakarta)	Indonesia - east Kalimantan
Hanoi 1972	Vietnam
Herat North	Afghanistan
Hong Kong 1963	Hong Kong
Hong Kong 1980	Hong Kong
Hu Tzu Shan	Taiwan
Indian 1954	Myanmar, Thailand
Indian 1960	Cambodia, Viet Nam
Indian 1975	Thailand
Indonesian Datum 1974	Indonesia
Iraq-Kuwait Boundary Datum 1992	Iraq, Kuwait
JGD 2000	Japan
Jordan	Jordan
Kalianpur 1880	India, Pakistan
Kalianpur 1937	Bangladesh, India, Pakistan
Kalianpur 1962	Pakistan
Kalianpur 1975	India
Kandawala	Sri Lanka
Kertau	Malaysia - west Malaysia & Singapore
Korean Datum 1985	South Korea
Korean Datum 1995	South Korea
LKS 1994	Lithuania
Luzon 1911	Philippines
Makassar	Indonesia - southwest Sulawesi
Makassar (Jakarta)	Indonesia - southwest Sulawesi
Observatorio Meteorologico 1965	Macau
Padang 1884	Indonesia - Sumatra
Padang 1884 (Jakarta)	Indonesia - Sumatra
Palestine 1923	Israel, Jordan, Palestine
PDO 1993	Oman
Pulkovo 1942	Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakstan, Kirgistan, Latvia, Lithuania, Moldova, Russia, Tadzhikistan, Turkmenistan, Ukraine, Uzbekistan
Pulkovo 1995	Russia
Qatar 1948	Qatar - onshore
Qatar 1974	Qatar - onshore
Qatar National Datum 1995	Qatar
Rassadiran	Iran - Tehari refinery site only
South Asia Singapore	Singapore
Samboja	Indonesia - east Kalimantan, Mahakam
Segora	Indonesia - SE Kalimantan
Serindung	Indonesia - E Kalimantan
Timbalai 1948	Brunei & East Malaysia
Tokyo	Japan, North Korea, South Korea
Xian 1980	China

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## Geographic Coordinate Systems - Australia and New Zealand

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Name	Area of Use
Australian Geodetic Datum 1966	Australia
Australian Geodetic Datum 1984	Australia
Geocentric Datum of Australia 1994	Australia
New Zealand Geodetic Datum 1949	New Zealand
New Zealand Geodetic Datum 2000	New Zealand

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## Geographic Coordinate Systems - Europe

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Name	Area of Use
Albanian 1987	Albania
Amersfoort	Netherlands
ATF (Paris)	France
Reseau National Belge 1950	Belgium
Belge 1950 (Brussels)	Belgium
Reseau National Belge 1972	Belgium
Bern 1898	Liechtenstein, Switzerland
Bern 1898 (Bern)	Liechtenstein, Switzerland
Bern 1938	Liechtenstein, Switzerland
CH1903	Liechtenstein, Switzerland
CH1903+	Liechtenstein, Switzerland
CH TRF 1995	Liechtenstein, Switzerland
Datum 73	Portugal
Dealul Piscului 1933 (Romania)	Romania
Dealul Piscului 1970 (Romania)	Romania
Deutsche Hauptdreiecksnetz	Germany
EMEP	Europe
EUREF - Finland	Finland
European Datum 1950	Europe (west)
European Datum 1987	Europe (west)
Estonia 1937	Estonia
Estonia 1992	Estonia
Estonia 1997	Estonia
European Reference Frame 1989	Europe
European Reference System 1989	Europe
European 1979	Europe
Helle 1954	Norway - Jan Mayen
Hermannskogel	Bosnia & Herzegovina, Croatia, Serbia, Slovenia, Yugoslavia (prior to 1990)
Hjorsey 1955	Iceland
Hungarian Datum 1972	Hungary
IGM 1995	Italy
IRENET95	Ireland
Islands Network 1993	Iceland
Jordan	Jordan
Lisboa Bessel	Portugal
Lisboa Hayford	Portugal
Lisbon	Portugal
Lisbon (Lisbon)	Portugal
Lisbon 1890	Portugal
Lisbon 1890 (Lisbon)	Portugal
LKS 1992	Latvia
LKS 1994	Lithuania
Luxembourg 1930	Luxembourg
Madeira 1936	Portugal - Madeira, Porto Santo and Desertas islands
Madrid 1870 (Madrid)	Spain
Militar-Geographische Institut	Austria
MGI (Ferro)	Austria
Monte Mario	Italy
Monte Mario (Rome)	Italy
Nord de Guerre (Paris)	France

NGO 1948	Norway
Nouvelle Triangulation Francaise	France
NTF (Paris)	France
Oman	Oman
OS (SN) 1980	UK & Ireland
OSGB 1936	UK - Great Britain
OSGB 1970 (SN)	UK - Great Britain
OSNI 1952	UK - Northern Ireland
Palestine 1923	Israel, Jordan, Lebanon
Porto Santo 1995	Portugal - Madeira, Porto Santo and Desertas islands.
Pulkovo 1942	Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakstan, Kirgistan, Latvia, Lithuania, Moldova, Russia, Tadzhikstan, Turkmenistan, Ukraine, Uzbekistan
	Poland
Pulkovo 1942/58	Germany - states of former East Germany (DDR)
Pulkovo 1942/83	Russia
Pulkovo 1995	Greenland
Qornoq	Iceland
Reykjavik 1900	France
RGF 1993	Italy
Roma 1940	Sweden
RT38	Sweden
RT38 (Stockholm)	Sweden
RT90	Sweden
S-JTSK	Czechoslovakia (prior to 1 Jan 1993)
S42 Hungary	Hungary
SWEREF99	Sweden
TM65	Ireland
TM75	Ireland

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## Geographic Coordinate Systems - North America

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Name	Area of Use
Alaskan Islands	Alaskan islands
Ammassalik 1958	Greenland - Ammassalik area
Cape Canaveral	Cape Canaveral
NAD Michigan	US - Michigan
North American Datum 1927	North & Central America
NA D 1927 (CGQ77)	Canada - Quebec
NAD 1927 (def 1976)	Canada - Ontario
North American Datum 1983	Canada, Greenland, Mexico, United States
NAD 1983 - CSRS98	Canada - New Brunswick
NAD 1983 - HARN/HPGN	United States
Old Hawaiian	Hawaii
Qornoq	Greenland
Qornoq 1927	Greenland
Scoresbysund 1952	Greenland - Scoresbysund area
St. George Island	Alaska island
St. Lawrence Island	Alaska island
St. Paul Island	Alaska island

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## Geographic Coordinate Systems - South America

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Name	Area of Use
Aratu	Brazil - coast South -2° 55'
Barbados 1938	Barbados
Bogota	Colombia
Bogota (Bogota)	Colombia
Campo Inchauspe	Argentina
Centre Spatial Guyanais 1967	French Guiana
Chos Malal 1914	Argentina - Neuquen

Chua	Brazil
Corrego Alegre	Brazil
Guyane Francaise	French Guyana
Hito XVIII 1963	Chile - Tierra del Fuego
La Canoa	Venezuela
Lake	Venezuela
Loma Quintana	Venezuela
Mount Dillon	Tobago
Naparima 1955	Trinidad
Naparima 1972	Trinidad and Tobago
Pampa del Castillo	Argentina-Comodoro Rivadavia
POSGAR	Argentina
POSGAR 1998	Argentina
Prov South Amer. Datum 1956	Bolivia Ecuador Peru Venezuela
REGVEN	Venezuela
Reseau Geodesique Francais Guyane 1995	French Guiana
South American Datum 1969	South America
Sapper Hill 1943	Falkland Islands
SIRGAS	South America
Trinidad 1903	Trinidad
Yacare	Uruguay
Zanderij	Suriname

## Geographic Coordinate Systems - World

### Name

IERS Terrestrial Reference Frame 1988  
 IERS Terrestrial Reference Frame 1989  
 IERS Terrestrial Reference Frame 1990  
 IERS Terrestrial Reference Frame 1991  
 IERS Terrestrial Reference Frame 1992  
 IERS Terrestrial Reference Frame 1993  
 IERS Terrestrial Reference Frame 1994  
 IERS Terrestrial Reference Frame 1996  
 IERS Terrestrial Reference Frame 1997  
 IERS Terrestrial Reference Frame 2000  
 NSWG 9Z-2  
 WGS 1972  
 WGS 1972 Transit Broadcast Eph.  
 WGS 1984

## Geographic Coordinate Systems - Antarctica

### Name

### Area of Use

Australian Antarctic Datum 1998	Antarctica - Australian sector
Camp Area Astro	Antarctica - McMurdo Camp Area
Deception Island	Antarctica - Deception Island
Petrels 1972	Antarctica - Adelie Land - Petrels Island
Pointe Geologie Perroud 1950	Antarctica - Adelie Land.

## Geographic Coordinate Systems - Atlantic Ocean

### Name

### Area of Use

Anguilla 1957	Leeward Islands - Anguilla
Antigua 1943	Leeward Islands - Antigua

Ascension Island 1958  
 Azores Central Islands 1948  
 Azores Central Islands 1995  
 Azores Occidental Islands 1939  
 Azores Oriental Islands 1940  
 Azores Oriental Islands 1995  
 Bermuda 1957  
 Bermuda 2000  
 Cape Canaveral  
 Dominica 1945  
 DOS 71/4  
 Fort Desaix  
 Fort Marigot  
 Fort Thomas 1955  
 Graciosa\_Base SW 1948  
 Grenada 1953  
 ISTS 061 1968  
 Jamaica 1875  
 Jamaica 1969  
 LC5 1961  
 Madeira 1936  
 Montserrat 1958  
 Observ Meteorologico 1939  
 Pico de Las Nieves  
 Porto Santo 1936  
 Porto Santo 1995  
 Puerto Rico  
 Sainte Anne  
  
 Sapper Hill 1943  
 Sao Braz  
 Selvagem Grande 1938  
 St. Kitts 1955  
 St. Lucia 1955  
 St. Vincent 1945  
 Tristan 1968

Ascension Island  
 Azores - Graciosa, Terceira, Sao Jorge, Pico, Faial  
 Azores - Graciosa, Terceira, Sao Jorge, Pico, Faial  
 Azores - Flores, Corvo  
 Azores -  
 Azores -  
 Bermuda  
 Bermuda  
 Bahamas & Florida  
 Windward Islands - Dominica  
 St. Helena Island  
 Martinique  
 Guadeloupe - Saint Martin and Saint Barthelemy islands  
 Nevis & St. Kitts - Leeward Is.  
 Azores - Faial, Graciosa, Pico, Sao Jorge, & Terceira Islands  
 Windward Islands - Grenada  
 South Georgia Islands  
 Jamaica  
 Jamaica  
 Cayman Brac Island  
 Portugal - Madeira, Porto Santo and Desertas islands  
 Leeward Islands - Montserrat  
 Azores - Corvo & Flores Islands  
 Canary Islands  
 Porto Santo & Madeira Islands  
 Portugal - Madeira, Porto Santo and Desertas islands.  
 Puerto Rico & Virgin Islands  
 Guadeloupe - Basse-Terre, Grande-Terre, Desiride,  
 Marie-Galante, Les Saintes  
 Falkland Islands  
 Azores - Sao Miguel & Santa Maria Islands  
 Salvage Islands  
 Leeward Islands - St. Kitts  
 Windward Islands - St. Lucia  
 Windward Islands - St. Vincent  
 Tristan da Cunha

### Geographic Coordinate Systems - Indian Ocean

Name	Area of Use
Anna 1 1965	Cocos Islands
Combani 1950	Mayotte
Gan 1970	Republic of Maldives
Grand Comoros	Comoros
ISTS 073 1969	Diego Garcia
K0 1949	Kerguelen Island
Kerguelen Island 1949	Kerguelen Island
Mahe 1971	Seychelles
Piton des Neiges	Reunion
Reseau Geodesique de la Reunion 1992	Reunion
Reunion	Mascarene Islands

### Geographic Coordinate Systems - Pacific Ocean

Name	Area of Use
Alaskan Islands	Alaskan islands
Astro 1952	Marcus Island
Bab South	Republic of Palau - Bablethuap
Beacon E 1945	Iwo Jima

Bellevue IGN  
Canton 1966  
Chatham Island 1971  
Chatham Islands 1979  
DOS 1968  
Easter Island 1967  
Guam 1963  
GUX 1  
IGN53 Mare  
IGN56 Lifou  
IGN72 Grande Terre  
IGN72 Nuku Hiva  
Johnston Island 1961  
Kusaie 1951  
Majuro  
Midway 1961  
MOP78  
NEA74 Noumea  
Old Hawaiian  
Pitcairn 1967  
Pohnpei  
Reseau Geodesique Nouvelle Caledonie 1991  
American Samoa 1962  
Tahaa  
  
Santo DOS 1965  
ST71 Belep  
ST84 Ile des Pins  
ST87 Ouvea  
St. George Island  
St. Lawrence Island  
St. Paul Island  
Tahiti  
Tem Island 1961  
Viti Levu 1916  
Wake Eniwetok 1960  
Wake Island 1952

Efate & Erromango Islands  
Phoenix Islands  
New Zealand - Chatham Is.  
Chatham Islands  
New Georgia - Gizo Island  
Easter Island  
Guam  
Guadalcanal Island  
New Caledonia - Mare  
New Caledonia - Lifou  
New Caledonia - Grande Terre  
Marquises Islands - Nuku Hiva  
Johnston Island  
Fed. States of Micronesia - Caroline Islands  
Marshall Islands - Majuro Island  
Midway Island  
Wallis and Futuna - Wallis  
New Caledonia - Grande Terre - Noumea area  
Hawaii  
Pitcairn Island  
Fed. States of Micronesia - Pohnpei  
New Caledonia  
American Samoa  
French Polynesia - Society Islands - Bora Bora, Huahin,  
Raiatea, Tahaa  
Espirito Santo Island  
New Caledonia - Belep  
New Caledonia - Ile des Pins  
New Caledonia - Ouvea  
Alaska island  
Alaska island  
Alaska island  
Tahiti  
Tem Island  
Fiji - Viti Levu Island  
Marshall Islands  
Wake Atoll

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