

Coordinate systems and Reference systems supported by GeoDLL

Language / Sprache:

This list of coordinate and reference systems supported by GeoDLL is in English language. An actual list in **English** you find on KilletSoft's website https://www.killetsoft.de/p_gdll_e.htm.

Diese Liste der von GeoDLL unterstützten Koordinaten- und Bezugssysteme ist in Englischer Sprache. Eine aktuelle Liste in **Deutsch** finden Sie auf der KilletSoft-Internetseite https://www.killetsoft.de/p_gdll_d.htm.

Coordinate systems and Reference systems (datum shifts)

The list contains the coordinate systems and geodetic reference systems sorted on countries of the following continents and groups:

- European continent
- North American continent
- Central America and Caribbean
- South American continent
- Asian continent
- Near East and Middle East
- African continent
- Australian continent
- Polynesia, Indonesia, Micronesia
- Worldwide systems
- User definitions

[Begin of List]

--- European continent -----

Albania (AL)

Coordinate Systems

- 889 Albania TM 2010 Transverse Mercator coordinates
- 890 Albania LCC 2010 Lambert Conic Conformal coordinates
- 3 UTM coordinates (northern hemisphere)
- 4 Gauss-Krueger (6 degrees wide strips)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 327 S42/58 (AL), Pulkovo, Krassowsky
- 612 Pulkovo1942(58) (EU-E $<\pm 1m$), Pulkovo, Krassowsky
- 328 ALB86/2008 (AL), Pulkovo, Krassowsky
- 330 ALB86/1998 (AL 7Param.), Pulkovo, Krassowsky
- 332 ALB86/1998 (AL 3Param.), Pulkovo, Krassowsky
- 329 ETRF2000/2008 (AL), geocentric, GRS80
- 331 ETRF2000/1998 (AL), geocentric, GRS80
- 4 ETRS89 (EU), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Austria (AT)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 619 Austria Bundesmeldenetz M28 (X > 5 Mio.)
- 620 Austria Bundesmeldenetz M31 (X > 5 Mio.)
- 621 Austria Bundesmeldenetz M34 (X > 5 Mio.)
- 14 Austria Bundesmeldenetz M28 (X < 5 Mio.)
- 15 Austria Bundesmeldenetz M31 (X < 5 Mio.)
- 16 Austria Bundesmeldenetz M34 (X < 5 Mio.)
- 622 Austria Gauss-Krueger M28 (West, X < 5 Mio.)
- 623 Austria Gauss-Krueger M31 (Central, X < 5 Mio.)
- 624 Austria Gauss-Krueger M34 (East, X < 5 Mio.)
- 29 Austria Gauss-Krueger M28 (West, X > 5 Mio.)
- 30 Austria Gauss-Krueger M31 (Central, X > 5 Mio.)
- 31 Austria Gauss-Krueger M34 (East, X > 5 Mio.)
- 13 Austria Lambert (new system, 47.5°)
- 12 Austria Lambert (old system, 48.0°)
- 612 Geographic coordinates (Ferro) [deg]
- 611 Geographic coordinates (Ferro) [deg,min,sec]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 769 MGI (AT NTv2 AT-GIS-GRID-2021 <±0.15m), Rauenberg, Bessel
- 770 ETRS89 (AT NTv2 AT-GIS-GRID-2021 <±0.15m), geocentric, GRS80
- 272 MGI (AT NTv2 AT-GIS-GRID-2014 <±0.35m), Rauenberg, Bessel
- 273 ETRS89 (AT NTv2 AT-GIS-GRID-2014 <±0.35m), geocentric, GRS80
- 4 ETRS89 (EU), geocentric, GRS80
- 5 MGI (AT/CZ), Hermannskogel, Bessel
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 2 ED50 (EU), Potsdam, Hayford/Int.
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Belgium (BE)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 502 Belgian Lambert2008 coordinates
- 501 Belgian Lambert2005 coordinates
- 8 Belgian Lambert72 (2000) coordinates
- 974 Belgian Lambert72 (1972) coordinates
- 54 Belgian Lambert50 coordinates
- 529 Belgian Bonne coordinates
- 994 Geographic coordinates (Brussels) [deg]
- 34 Geographic coordinates (Greenwich) [gon]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 734 BD72 (BE 2014 NTv2 bd72lb72...08), Uckel, Hayford/Int.
- 735 ETRS89 (BE 2014 NTv2 bd72lb72...08), geocentric, GRS80
- 4 ETRS89 (EU), geocentric, GRS80
- 143 BD72 (BE 2000 <±0.2m), Ukkel, Hayford/Int.

- 12 BD72 (BE 1972 ± 1 m), Ukkel, Hayford/Int.
- 34 BD50 (BE), Royal de Belgique, Hayford/Int.
- 197 Bonne (BE), Royal de Belgique, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 2 ED50 (EU), Potsdam, Hayford/Int.
- 6 NTF (FR), Paris Pantheon, Clarke IGN
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Bosnia / Herzegovina (BA)

Coordinate Systems

- 534 Balkans MGI Zones 5-8 Gauss-Krueger coordinates
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 704 MGI 1901 (BA), Hermannskogel, Bessel
- 210 MGI (SI/HR/BA), Hermannskogel, Bessel
- 4 ETRS89 (EU), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Bulgaria (BG)

Coordinate Systems

- 958 Bulgarian CCS2005 Lambert coordinates
- 499 Bulgarian BGS2000 Lambert coordinates
- 4 Gauss-Krueger (6 degrees wide strips)
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 700 BGS2005 (BG), geocentric, GRS80
- 124 BGS2000 (BG), geocentric, GRS80
- 125 S42/83 (BG), Pulkovo, Krassowsky
- 612 Pulkovo1942(58) (EU-E ± 1 m), Pulkovo, Krassowsky
- 4 ETRS89 (EU), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Croatia (HR)

Coordinate Systems

- 576 Croatian HTRS96 Transverse Mercator coord.
- 575 Croatian HDKS / HR1901 Gauss-Krueger coordinates
- 3 UTM coordinates (northern hemisphere)
- 534 Balkans MGI Zones 5-8 Gauss-Krueger coordinates
- 6 Geographic coordinates (Greenwich) [deg]

- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates
- Reference Systems
- 249 HTRS96 (HR <±1m), geocentric, GRS80
- 248 HDKS / HR1901G (HR <±1m), Hermannskogel, Bessel
- 4 ETRS89 (EU), geocentric, GRS80
- 210 MGI (SI/HR/BA), Hermannskogel, Bessel
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Cyprus (CY)

Coordinate Systems

- 887 Cyprus Local Transverse Mercator coordinates
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 625 CGRS93 (CY), geocentric, WGS84
- 4 ETRS89 (EU), geocentric, GRS80
- 63 ED50 (CY), Potsdam, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Czechia (CZ)

Coordinate Systems

- 35 Krovak S-JTSK (Greenwich South/West positiv) coordinates
- 95 Krovak S-JTSK (Greenwich East/Nord negativ) coordinates
- 885 Krovak S-JTSK (Ferro South/West positiv) coordinates
- 886 Krovak S-JTSK (Ferro East/Nord negativ) coordinates
- 2 Gauss-Krueger coord. (3 degrees wide strips)
- 15 Austria Bundesmeldenetz M31 (X < 5 Mio.)
- 16 Austria Bundesmeldenetz M34 (X < 5 Mio.)
- 3 UTM coordinates (northern hemisphere)
- 612 Geographic coordinates (Ferro) [deg]
- 611 Geographic coordinates (Ferro) [deg,min,sec]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 4 ETRS89 (EU), geocentric, GRS80
- 25 S-JTSK (CZ), Hermannskogel, Bessel
- 3 S42/83 (EU-E/AS[FSU] 1990 <±3m), Pulkovo, Krassowsky
- 612 Pulkovo1942(58) (EU-E <±1m), Pulkovo, Krassowsky
- 5 MGI (AT/CZ), Hermannskogel, Bessel
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 2 ED50 (EU), Potsdam, Hayford/Int.

- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Denmark (DK)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 604 Danish Transv. Merc. Kp2000 Jylland / Fyn (9.5°)
- 605 Danish Transverse Merc. Kp2000 Sjaelland (12°)
- 606 Danish Transverse Merc. Kp2000 Bornholm (15°)
- 607 Danish Transv. Merc. DKTM1 Western Jylland (9°)
- 608 Danish Transv. Merc. DKTM2 Eastern Jylland (10°)
- 609 Danish Transv. Merc. DKTM3 Sjaelland (11.75°)
- 610 Danish Transv. Merc. DKTM4 Bornholm (15°)
- 897 Geographic coordinates (Kopenhagen) [deg]
- 896 Geographic coordinates (Kopenhagen) [deg,min,sec]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 4 ETRS89 (EU), geocentric, GRS80
- 31 ED50 (DK), Potsdam, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Estonia (EE)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 103 Estonian Lambert Coordinates L-ESTxx
- 105 Baltic Transverse Mercator coord. TM Baltic93
- 758 Baltic CS63 zone C0 Transverse Mercator
- 759 Baltic CS63 zone C1 Transverse Mercator
- 760 Baltic CS63 zone C2 Transverse Mercator
- 4 Gauss-Krueger (6 degrees wide strips)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 4 ETRS89 (EU), geocentric, GRS80
- 57 EST97 (EE), geocentric, GRS80
- 587 EST92 (EE), geocentric, GRS80
- 58 S42 (EE), Pulkovo, Krassowsky
- 3 S42/83 (EU-E/AS[FSU] 1990 $\pm 3\text{m}$), Pulkovo, Krassowsky
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Faroe Islands (FO)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 990 Faroe TM coordinates
- 991 Faroe Lambert coordinates
- 992 Faroe Lambert FK89 coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 4 ETRS89 (EU), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 787 FD54 (FO), Faroe Islands, Hayford/Int.
- 788 FK89 (FO, ident. with FD54), Faroe Islands, Hayford/Int.
- 2 ED50 (EU), Potsdam, Hayford/Int.
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Finland (FI)

Coordinate Systems

- 91 Finish Transv. Mercator Coord. TM35FIN
- 89 Finish Gauss-Krueger ETRS (1 degrees strips)
- 88 Finish Gauss-Krueger KKJ (3 degrees strips)
- 90 Finish Transv. Mercator Coord. KKJ Uniform
- 92 Finish Transv. Mercator Coord. VVJ Uniform
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 4 ETRS89 (EU), geocentric, GRS80
- 144 KKJ (FI 2002 <±1m), Helsinki, Hayford/Int.
- 48 KKJ (FI 1992 <±5m), Helsinki, Hayford/Int.
- 49 ED50 (FI), Potsdam, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

France (FR)

Coordinate Systems

- 763 French Lambert CC42 (zone 1) coordinates
- 764 French Lambert CC43 (zone 2) coordinates
- 765 French Lambert CC44 (zone 3) coordinates
- 766 French Lambert CC45 (zone 4) coordinates
- 767 French Lambert CC46 (zone 5) coordinates
- 768 French Lambert CC47 (zone 6) coordinates
- 769 French Lambert CC48 (zone 7) coordinates
- 770 French Lambert CC49 (zone 8) coordinates
- 771 French Lambert CC50 (zone 9) coordinates
- 10 French Lambert93 coordinates
- 953 French Lambert Zone I coordinates
- 954 French Lambert Zone II coordinates
- 955 French Lambert Zone III Coordinates
- 956 French Lambert Zone IV Coordinates

- 21 French Lambert North coordinates
- 22 French Lambert Centre coordinates
- 23 French Lambert South coordinates
- 24 French Lambert Corse coordinates
- 9 French Lambert Centre Etendu coordinates
- 743 French Lambert (1SP) Nord de Guerre coordinates
- 444 French Lambert (2SP) Nord de Guerre coordinates
- 996 TM 6 NETransverse Mercator coordinates
- 156 Geographic coordinates (Paris) [gon]
- 154 Geographic coordinates (Paris) [deg,min,sec]
- 155 Geographic coordinates (Paris) [deg]
- 34 Geographic coordinates (Greenwich) [gon]
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 270 NTF (FR NTv2 NTF_R93 <±0.2m), Paris, Clarke IGN
- 271 RGF93 (FR NTv2 NTF_R93 <±0.2m), geocentric, GRS80
- 164 NTF (FR NTv2 FRANCE <±0.5m), Paris, Clarke RGS
- 165 RGF93 (FR NTv2 FRANCE <±0.5m), geocentric, GRS80
- 24 RGF93 (FR), geocentric, GRS80
- 4 ETRS89 (EU), geocentric, GRS80
- 6 NTF (FR), Paris Pantheon, Clarke IGN
- 551 ATF (FR no_defs), Paris, Plessis 1817
- 23 ED50 (FR), Potsdam, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 2 ED50 (EU), Potsdam, Hayford/Int.
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Germany (DE) - General

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 2 Gauss-Krueger coord. (3 degrees wide strips)
- 4 Gauss-Krueger (6 degrees wide strips)
- 566 German Lambert LAMGe coordinates
- 18 German Lambert mean coordinates
- 19 German Lambert zone west coordinates
- 20 German Lambert zone east coordinates
- 27 German Lambert Esri-ArcData coordinates
- 28 German Lambert LCC12 coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 4 ETRS89 (EU), geocentric, GRS80
- 1 DHDN/PD (DE 1995 <±5m), Rauenberg, Bessel
- 17 DHDN/PD (DE 2001 <±3m), Rauenberg, Bessel
- 18 DHDN/PD (DE Old States South <±1m), Rauenberg, Bessel
- 19 DHDN/PD (DE Old States Middle <±1m), Rauenberg, Bessel

20 DHDN/PD (DE Old States North $<\pm 1\text{m}$), Rauenberg, Bessel
 126 DHDN90 (DE 2007 $<\pm 3.0\text{m}$), Rauenberg, Bessel
 162 DHDN90 (DE NTv2 BeTA2007 $<\pm 0.5\text{m}$), Rauenberg, Bessel
 163 ETRS89 (DE NTv2 BeTA2007 $<\pm 0.5\text{m}$), geocentric, GRS80
 9 RD83 (DE New States $<\pm 1\text{m}$), Rauenberg, Bessel
 21 PD83 (DE New States [TH] $<\pm 1\text{m}$), Rauenberg, Bessel
 671 S40/83 (DE New States 1990 $<\pm 3\text{m}$), Rauenberg, Bessel
 112 S40/83 (DE New States 2004 $<\pm 0.5\text{m}$), Rauenberg, Bessel
 118 S42/83 (DE New States 1990 $<\pm 3\text{m}$), Puklowo, Krassowsky
 22 S42/83 (DE New States 2001 $<\pm 1\text{m}$), Pulkovo, Krassowsky
 612 Pulkovo1942(58) (EU-E $<\pm 1\text{m}$), Pulkovo, Krassowsky
 2 ED50 (EU), Potsdam, Hayford/Int.
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 11 WGS72 (Worldwide), geocentric, WGS72
 768 DB_REF(1) (DE Deutsche Bahn $<\pm 1\text{m}$), Rauenberg, Bessel
 247 DB_REF(2) (DE Deutsche Bahn $<\pm 1\text{m}$), Rauenberg, Bessel
 208 Source Reference System in an arbitrary NTv2 file
 209 Target Reference System in an arbitrary NTv2 file

Germany (DE) - Federal States

Coordinate Systems

3 UTM coordinates (northern hemisphere)
 2 Gauss-Krueger coord. (3 degrees wide strips)
 4 Gauss-Krueger (6 degrees wide strips)
 492 German Soldner coord. Berlin (Mueggelberg new)
 493 German Soldner coord. Berlin (Mueggelberg old)
 495 German Soldner coordordinates Berlin (Goetzer Berg)
 50 German Soldner Bavaria (Munich, Y --> West)
 618 German Soldner Bavaria (Munich, Y --> East)
 894 German Soldner Baden (Mannheim[1], Y --> W, X --> S)
 895 German Soldner Baden (Mannheim[2], Y --> W, X --> S)
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

117 DHDN/Netz88 (DE-BE $<\pm 0.2\text{m}$), Rauenberg, Bessel
 127 DHDN90 (DE-BE 2007 $<\pm 0.2\text{m}$), Rauenberg, Bessel
 628 DHDN90 (DE-BE NTv2 Ntv2berlin $<\pm 2\text{cm}$), Rauenberg, Bessel
 629 ETRS89 (DE-BE NTv2 Ntv2berlin $<\pm 2\text{cm}$), geocentric, GRS80
 110 S40/83 (DE-BB $<\pm 0.2\text{m}$), Rauenberg, Bessel
 111 S42/83 (DE-BB $<\pm 0.2\text{m}$), Puklowo, Krassowsky
 128 DHDN90 (DE-BB 2007 $<\pm 0.4\text{m}$), Rauenberg, Bessel
 436 S42/83 (DE-BB NTv2 NTv2-BB $<\pm 4\text{cm}$), Pulkovo, Krassowsky
 437 ETRS89 (DE-BB NTv2 NTv2-BB $<\pm 4\text{cm}$), geocentric, GRS80
 666 DHDN90 (DE-BW NTv2 BWTA2017 $<\pm 5\text{cm}$), Rauenberg, Bessel
 667 ETRS89 (DE-BW NTv2 BWTA2017 $<\pm 5\text{cm}$), geocentric, GRS80
 114 DHDN/PD (DE-BW $<\pm 0.5\text{m}$), Rauenberg, Bessel
 129 DHDN90 (DE-BW 2007 $<\pm 0.4\text{m}$), Rauenberg, Bessel
 438 DHDN90 (DE-BY 2014 NTv2 NTv2-Ba $<\pm 5\text{cm}$), Rauenberg, Bessel
 439 ETRS89 (DE-BY 2014 NTv2 NTv2-Ba $<\pm 5\text{cm}$), geocentric, GRS80
 650 DHDN90 (DE-BY 2019 NTv2 BY_KanU_Bwhl $<\pm 2\text{cm}$), Rauenb., Bessel
 651 ETRS89 (DE-BY 2019 NTv2 BY_KanU_Bwhl $<\pm 2\text{cm}$), geoc., GRS80
 652 DHDN90 (DE-BY 2019 NTv2 BY_KanU_MFr $<\pm 2\text{cm}$), Rauenb., Bessel

653 ETRS89 (DE-BY 2019 NTv2 BY_KanU_MFr <±2cm), geoc., GRS80
654 DHDN90 (DE-BY 2019 NTv2 BY_KanU_NBy <±2cm), Rauenb., Bessel
655 ETRS89 (DE-BY 2019 NTv2 BY_KanU_NBy <±2cm), geoc., GRS80
656 DHDN90 (DE-BY 2019 NTv2 BY_KanU_OBy <±2cm), Rauenb., Bessel
657 ETRS89 (DE-BY 2019 NTv2 BY_KanU_OBy <±2cm), geoc., GRS80
658 DHDN90 (DE-BY 2019 NTv2 BY_KanU_OFr <±2cm), Rauenb., Bessel
659 ETRS89 (DE-BY 2019 NTv2 BY_KanU_OFr <±2cm), geoc., GRS80
660 DHDN90 (DE-BY 2019 NTv2 BY_KanU_OPf <±2cm), Rauenb., Bessel
661 ETRS89 (DE-BY 2019 NTv2 BY_KanU_OPf <±2cm), geoc., GRS80
662 DHDN90 (DE-BY 2019 NTv2 BY_KanU_Schw <±2cm), Rauenb., Bessel
663 ETRS89 (DE-BY 2019 NTv2 BY_KanU_Schw <±2cm), geoc., GRS80
664 DHDN90 (DE-BY 2019 NTv2 BY_KanU_UFr <±2cm), Rauenb., Bessel
665 ETRS89 (DE-BY 2019 NTv2 BY_KanU_UFr <±2cm), geoc., GRS80
120 DHDN90 (DE-BY 2000 <±1.0m), Rauenberg, Bessel
130 DHDN90 (DE-BY 2007 <±0.7m), Rauenberg, Bessel
333 DHDN90 (DE-BY 2011 <±0.3m), Rauenberg, Bessel
33 SOLDNER (DE-BY <±1m), Munich, Laplace
131 DHDN90 (DE-HB 2007 <±0.1m), Rauenberg, Bessel
442 DHDN90 (DE-HB NTv2 HBTa2010 <±5cm), Rauenberg, Bessel
443 ETRS89 (DE-HB NTv2 HBTa2010 <±5cm), geocentric, GRS80
115 DHDN/PD (DE-HE to 6/03 <±0.1m), Rauenberg, Bessel
116 DHDN/PD (DE-HE 7/03-12/07 <±0.1m), Rauenberg, Bessel
266 DHDN/PD (DE-HE from 12/07 <±0.1m), Rauenberg, Bessel
132 DHDN90 (DE-HE 2007 <±0.4m), Rauenberg, Bessel
286 DHDN90 (DE-HE NTv2 HeTA2010 <±4cm), Rauenberg, Bessel
287 ETRS89 (DE-HE NTv2 HeTA2010 <±4cm), geocentric, GRS80
440 DHDN90 (DE-HH NTv2 Beta_FHH_NW <±5cm), Rauenberg, Bessel
441 ETRS89 (DE-HH NTv2 Beta_FHH_NW <±5cm), geocentric, GRS80
792 DHDN90 (DE-HH NTv2 NTv2-HH <±5cm), Rauenberg, Bessel
793 ETRS89 (DE-HH NTv2 NTv2-HH <±5cm), geocentric, GRS80
794 DHDN90 (DE-HH NTv2 NTv2-Neuwerk <±5cm), Rauenberg, Bessel
795 ETRS89 (DE-HH NTv2 NTv2-Neuwerk <±5cm), geocentric, GRS80
133 DHDN90 (DE-HH 2007 <±0.2m), Rauenberg, Bessel
134 DHDN90 (DE-MV 2007 <±0.9m), Rauenberg, Bessel
633 RD83 (DE-MV NTv2 MVTR2010 <±2cm), Rauenberg, Bessel
634 ETRS89 (DE-MV NTv2 MVTR2010 <±2cm), geocentric, GRS80
635 S42/83 (DE-MV NTv2 MVTRS4283 <±2cm), Pulkovo, Krassowsky
636 ETRS89 (DE-MV NTv2 MVTRS4283 <±2cm), geocentric, GRS80
119 DHDN/PD (DE-NI <±0.5m), Rauenberg, Bessel
135 DHDN90 (DE-NI 2007 <±0.7m), Rauenberg, Bessel
109 DHDN/Netz77 (DE-NW <±1m), Rauenberg, Bessel
136 DHDN90 (DE-NW 2007 <±0.6m), Rauenberg, Bessel
343 DHDN90 (DE-NW 2009 <±1m), Rauenberg, Bessel
778 DHDN (DE-NW NTv2 NW_GC1501), Rauenberg, Bessel
779 ETRS89 (DE-NW NTv2 NW_GC1501), geocentric, GRS80
137 DHDN90 (DE-RP 2007 <±0.2m), Rauenberg, Bessel
138 DHDN90 (DE-SH 2007 <±0.4m), Rauenberg, Bessel
780 DHDN (DE-SH NTv2 SH2016A), Rauenberg, Bessel
781 ETRS89 (DE-SH NTv2 SH2016A), geocentric, GRS80
139 DHDN90 (DE-SL 2007 <±0.1m), Rauenberg, Bessel
346 DHDN/Netz97 (DE-SL 2007 <±1m), Rauenberg, Bessel
777 DHDN/Netz97 (DE-SL 2016 <±1m), Rauenberg, Bessel
344 DHDN90 (DE-SL NTv2 SeTa2009 <±2cm), Rauenberg, Bessel
345 ETRS89 (DE-SL NTv2 SeTa2009 <±2cm), geocentric, GRS80

775 DHDN90 (DE-SL NTv2 SeTa2016 $<\pm 2\text{cm}$), Rauenberg, Bessel
 776 ETRS89 (DE-SL NTv2 SeTa2016 $<\pm 2\text{cm}$), geocentric, GRS80
 140 DHDN90 (DE-SN 2007 $<\pm 0.9\text{m}$), Rauenberg, Bessel
 609 RD83 (DE-SN West $<\pm 0.1\text{m}$), Rauenberg, Bessel
 610 RD83 (DE-SN East $<\pm 0.1\text{m}$), Rauenberg, Bessel
 288 RD83 (DE-SN NTv2 SaeTA2010 $<\pm 5\text{cm}$), Rauenberg, Bessel
 289 ETRS89 (DE-SN NTv2 SaeTA2010 $<\pm 5\text{cm}$), geocentric, GRS80
 577 RD83 (DE-SN NTv2 NTv2_SN $<\pm 3\text{cm}$), Rauenberg, Bessel
 578 ETRS89 (DE-SN NTv2 NTv2_SN $<\pm 3\text{cm}$), geocentric, GRS80
 141 DHDN90 (DE-ST 2007 $<\pm 0.5\text{m}$), Rauenberg, Bessel
 444 S42/83 (DE-ST NTv2 NTv2LSBB_LSA $<\pm 5\text{cm}$), Pulkovo, Krassowsky
 445 ETRS89 (DE-ST NTv2 NTv2LSBB_LSA $<\pm 5\text{cm}$), geocentric, GRS80
 113 PD83 (DE-TH $<\pm 0.2\text{m}$), Rauenberg, Bessel
 142 DHDN90 (DE-TH 2007 $<\pm 0.3\text{m}$), Rauenberg, Bessel
 290 PD83 (DE-TH NTv2 NTv2GridTh $<\pm 3\text{cm}$), Rauenberg, Bessel
 291 ETRS89 (DE-TH NTv2 NTv2GridTh $<\pm 3\text{cm}$), geocentric, GRS80
 162 DHDN90 (DE NTv2 BeTA2007 $<\pm 0.5\text{m}$), Rauenberg, Bessel
 163 ETRS89 (DE NTv2 BeTA2007 $<\pm 0.5\text{m}$), geocentric, GRS80
 1 DHDN/PD (DE 1995 $<\pm 5\text{m}$), Rauenberg, Bessel
 17 DHDN/PD (DE 2001 $<\pm 3\text{m}$), Rauenberg, Bessel
 22 S42/83 (DE New States 2001 $<\pm 1\text{m}$), Pulkovo, Krassowsky
 4 ETRS89 (EU), geocentric, GRS80
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 208 Source Reference System in an arbitrary NTv2 file
 209 Target Reference System in an arbitrary NTv2 file

Germany (DE) - Lagestatus

Coordinate Systems

494 Lagestatus 100, Gauss-Krueger 3 deg. str., DHDN
 583 Lagestatus 100, Country HE, GK 3 deg. str., DHDN
 468 Lagestatus 101, Gauss-Krueger 3 deg. str., DHDN
 478 Lagestatus 110, Gauss-Krueger 3 deg. str., RD83
 479 Lagestatus 111, Gauss-Krueger Strip 4 , RD83
 480 Lagestatus 112, Gauss-Krueger Strip 5, RD83
 481 Lagestatus 120, Gauss-Krueger 3 deg. str., PD83
 482 Lagestatus 121, Geogr. Coord. [deg], PD83
 483 Lagestatus 121, Geogr. Coord. [deg,min,sec], PD83
 484 Lagestatus 130, Gauss-Krueger 3 deg. str., S40/83
 485 Lagestatus 140, Gauss-Krueger 6 deg. str., S42/83
 486 Lagestatus 150, Gauss-Krueger 3 deg. str., S42/83
 487 Lagestatus 151, Geogr. Coord. [deg], S42/83
 488 Lagestatus 151, Geogr. Coord. [deg,min,sec], S42/83
 466 Lagestatus 177, Gauss-Krueger 3 deg. str., DHDN/Netz77
 637 Lagestatus 310 (HH), UTM Coordinates, ETRS89
 638 Lagestatus 320 (HH), Gauss-Krueger 3 deg. str., ETRS89
 472 Lagestatus 450, UTM Coordinates, ED50
 470 Lagestatus 489, UTM Coordinates, ETRS89
 489 Lagestatus 500, Soldner Berlin Muegg. (new), DHDN/Netz88
 490 Lagestatus 600, Soldner Berlin Muegg. (old), DHDN/Netz88
 491 Lagestatus 650, Soldner Berlin Goetzer Berg, DHDN/Netz88
 469 Lagestatus 801, Geogr. Coord. [deg], DHDN
 475 Lagestatus 801, Geogr. Coord. [deg,min,sec], DHDN
 473 Lagestatus 850, Geogr. Coord. [deg], ED50
 477 Lagestatus 850, Geogr. Coord. [deg,min,sec], ED50

- 467 Lagestatus 877, Geogr. Koord. [deg], DHDN/Netz77
- 474 Lagestatus 877, Geogr. [deg,min,sec], DHDN/Netz77
- 471 Lagestatus 889, Geogr. Coord. [deg], ETRS89
- 476 Lagestatus 889, Geogr. Coord. [deg,min,sec], ETRS89
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates
- Reference Systems
- 4 ETRS89 (EU), geocentric, GRS80
- 1 DHDN/PD (DE 1995 $\pm 5\text{m}$), Rauenberg, Bessel
- 17 DHDN/PD (DE 2001 $\pm 3\text{m}$), Rauenberg, Bessel
- 109 DHDN/Netz77 (DE-NW $\pm 1\text{m}$), Rauenberg, Bessel
- 117 DHDN/Netz88 (DE-BE $\pm 0.2\text{m}$), Rauenberg, Bessel
- 266 DHDN/PD (DE-HE from 12/07 $\pm 0.1\text{m}$), Rauenberg, Bessel
- 9 RD83 (DE New States $\pm 1\text{m}$), Rauenberg, Bessel
- 21 PD83 (DE New States [TH] $\pm 1\text{m}$), Rauenberg, Bessel
- 118 S42/83 (DE New States 1990 $\pm 3\text{m}$), Puklowo, Krassowsky
- 22 S42/83 (DE New States 2001 $\pm 1\text{m}$), Pulkovo, Krassowsky
- 112 S40/83 (DE New States 2004 $\pm 0.5\text{m}$), Rauenberg, Bessel
- 2 ED50 (EU), Potsdam, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Germany (DE) - Prussian Land Register

Coordinate Systems

- 113 Prussian Land Register Kucklinsberg (1,RU)
- 114 Prussian Land Register Paulinen (2,PL)
- 115 Prussian Land Register Markushof (3,PL)
- 116 Prussian Land Register Turmberg (4,PL)
- 117 Prussian Land Register Kauernik (5,PL)
- 118 Prussian Land Register Thorn (6,PL)
- 119 Prussian Land Register Heinrichsthal (7,PL)
- 120 Prussian Land Register Gollenberg (8,PL)
- 121 Prussian Land Register Gnesen (9,PL)
- 122 Prussian Land Register Josephsberg (10,PL)
- 123 Prussian Land Register Schroda (11,PL)
- 124 Prussian Land Register Pschow (12,PL)
- 125 Prussian Land Register Rummelsberg (13,PL)
- 126 Prussian Land Register Groeditzberg (14,PL)
- 127 Prussian Land Register Kaltenborn (15,DE)
- 128 Prussian Land Register Bahn (16,PL)
- 41 Prussian Land Register Greifswald (17,DE)
- 42 Prussian Land Register Greifswald (17+,DE)
- 40 Prussian Land Register Mueggelberg Berlin (18,DE)
- 39 Prussian Land Register Mueggelberg Berlin (18+,DE)
- 129 Prussian Land Register Goetzer Berg (19,DE)
- 130 Prussian Land Register Torgau (20,DE)
- 131 Prussian Land Register Burkersroda (21,DE)
- 132 Prussian Land Register Inselsberg (22,DE)
- 133 Prussian Land Register Magdeburg (23,DE)
- 134 Prussian Land Register Ostenfeld (24,DE)
- 135 Prussian Land Register Rathkruegen (25,DE)

- 136 Prussian Land Register Bungsberg (26,DE)
- 137 Prussian Land Register Celle (27,DE)
- 138 Prussian Land Register Kaltenborn (28,DE)
- 139 Prussian Land Register Silberberg (29,DE)
- 140 Prussian Land Register Windberg (30,DE)
- 141 Prussian Land Register Hermannsdenkmal (31,DE)
- 142 Prussian Land Register Muenster (32,DE)
- 43 Prussian Land Register Bochum (33,DE)
- 976 Prussian Land Register Bochum (33+,DE)
- 143 Prussian Land Register Homert (34,DE)
- 144 Prussian Land Register Kassel (35,DE)
- 145 Prussian Land Register Schaumburg (36,DE)
- 146 Prussian Land Register Fleckert (37,DE)
- 147 Prussian Land Register Koeln (38,DE)
- 148 Prussian Land Register Langschoss (39,DE)
- 149 Prussian Land Register Rissenthal (40,DE)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 1 DHDN/PD (DE 1995 $<\pm 5m$), Rauenberg, Bessel
- 17 DHDN/PD (DE 2001 $<\pm 3m$), Rauenberg, Bessel
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

GPS Measurements - ITRS epochs

Coordinate Systems

- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 3 UTM coordinates (northern hemisphere)
- 500 Cartesian coordinates

Reference Systems

- 220 ETRS89 (EU ITRS epoch 1989), GRS80
- 221 ITRS24 (EU GPS measurements in license year 2024), WGS84
- 225 ITRS89 (EU GPS measurements epoch 1989), WGS84
- 226 ITRS90 (EU GPS measurements epoch 1990), WGS84
- 227 ITRS91 (EU GPS measurements epoch 1991), WGS84
- 228 ITRS92 (EU GPS measurements epoch 1992), WGS84
- 229 ITRS93 (EU GPS measurements epoch 1993), WGS84
- 230 ITRS94 (EU GPS measurements epoch 1994), WGS84
- 231 ITRS95 (EU GPS measurements epoch 1995), WGS84
- 232 ITRS96 (EU GPS measurements epoch 1996), WGS84
- 233 ITRS97 (EU GPS measurements epoch 1997), WGS84
- 234 ITRS98 (EU GPS measurements epoch 1998), WGS84
- 235 ITRS99 (EU GPS measurements epoch 1999), WGS84
- 236 ITRS00 (EU GPS measurements epoch 2000), WGS84
- 237 ITRS01 (EU GPS measurements epoch 2001), WGS84
- 238 ITRS02 (EU GPS measurements epoch 2002), WGS84
- 239 ITRS03 (EU GPS measurements epoch 2003), WGS84
- 240 ITRS04 (EU GPS measurements epoch 2004), WGS84
- 241 ITRS05 (EU GPS measurements epoch 2005), WGS84

242 ITRS06 (EU GPS measurements epoch 2006), WGS84
 243 ITRS07 (EU GPS measurements epoch 2007), WGS84
 244 ITRS08 (EU GPS measurements epoch 2008), WGS84
 245 ITRS09 (EU GPS measurements epoch 2009), WGS84
 246 ITRS10 (EU GPS measurements epoch 2010), WGS84
 268 ITRS11 (EU GPS measurements epoch 2011), WGS84
 269 ITRS12 (EU GPS measurements epoch 2012), WGS84
 301 ITRS13 (EU GPS measurements epoch 2013), WGS84
 354 ITRS14 (EU GPS measurements epoch 2014), WGS84
 604 ITRS15 (EU GPS measurements epoch 2015), WGS84
 605 ITRS16 (EU GPS measurements epoch 2016), WGS84
 631 ITRS17 (EU GPS measurements epoch 2017), WGS84
 648 ITRS18 (EU GPS measurements epoch 2018), WGS84
 696 ITRS19 (EU GPS measurements epoch 2019), WGS84
 697 ITRS20 (EU GPS measurements epoch 2020), WGS84
 730 ITRS21 (EU GPS measurements epoch 2021), WGS84
 731 ITRS22 (EU GPS measurements epoch 2022), WGS84
 740 ITRS23 (EU GPS measurements epoch 2023), WGS84
 796 ITRS24 (EU GPS measurements epoch 2024), WGS84
 797 ITRS25 (EU GPS measurements epoch 2025), WGS84
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 208 Source Reference System in an arbitrary NTV2 file
 209 Target Reference System in an arbitrary NTV2 file

Great Britain (GB)

Coordinate Systems

5 British Transverse Mercator coordinates
 658 BNG British National Grid (Centimeter grid mesh)
 53 BNG British National Grid (Meter grid mesh)
 657 BNG British National Grid (100 meter grid mesh)
 660 ING Irish National Grid (Centimeter grid mesh)
 56 ING Irish National Grid (Meter grid mesh)
 659 ING Irish National Grid (100 meter grid mesh)
 506 Jersey (GB) Transverse Mercator coordinates
 507 Guernsey (GB) Grid coordinates
 995 TM 0 N Transverse Mercator coordinates
 3 UTM coordinates (northern hemisphere)
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

681 OSGB36 (GB-UK NTV2 OSTN15_OSGBtoETRS <±0.1m), Herstm, Airy
 682 ETRS89 (GB-UK NTV2 OSTN15_OSGBtoETRS <±0.1m), geoc., GRS80
 684 OSGB36 (GB-UK NTV2 OSTN15_ETRStoOSGB <±0.1m), Herstm., Airy
 683 ETRS89 (GB-UK NTV2 OSTN15_ETRStoOSGB <±0.1m), geoc., GRS80
 304 OSGB36 (GB-UK NTV2 OSTN02_N <±0.1m), Herstmonceux, Airy
 305 ETRS89 (GB-UK NTV2 OSTN02_N <±0.1m), geocentric, GRS80
 172 OSGB36 (GB-Engl+Wales NTV2 ENGLAND <±0.5m), Herstmon., Airy
 173 ETRS89 (GB-Engl+Wales NTV2 ENGLAND <±0.5m), geoc., GRS80
 174 OSGB36 (GB-Scotl. NTV2 SCOTLAND <±0.5m), Herstmonceux, Airy
 175 ETRS89 (GB-Scotland NTV2 SCOTLAND <±0.5m), geocentric, GRS80
 4 ETRS89 (EU), geocentric, GRS80
 13 OSGB36 (GB/IE), Herstmonceux, Airy

586 ED50 (North Sea $\leq \pm 2\text{m}$), Potsdam, Hayford/Int.
 802 OSGB70 SN (GB/IE), Herstmonceux, Airy
 624 IRENET95 (IE), geocentric, GRS80
 35 TM65/OSNI52 (IE $\leq \pm 1\text{m}$), Slieve Donard, Airy modified
 623 TM75 (IE $\leq \pm 1\text{m}$), Slieve Donard, Airy modified
 756 TM75 (IE NTv2 TM75_ETRS89 $\leq \pm 0.3\text{m}$), Slieve Donard, Airy mod.
 757 ETRS89 (IE NTv2 TM75_ETRS89 $\leq \pm 0.3\text{m}$), geocentric, GRS80
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 11 WGS72 (Worldwide), geocentric, WGS72
 758 ED50 (GB/IE $\leq \pm 3\text{m}$), Potsdam, Hayford/Int.
 2 ED50 (EU), Potsdam, Hayford/Int.
 208 Source Reference System in an arbitrary NTv2 file
 209 Target Reference System in an arbitrary NTv2 file

Greece (GR)

Coordinate Systems

99 Greek Transverse Mercator coordinates HGRS87/EGSA87
 100 Greek UTM Coordinates (reduced Zone No.)
 108 Greek Transverse Mercator coord. TM3 west zone
 109 Greek Transverse Mercator coord. TM3 middle zone
 110 Greek Transverse Mercator coord. TM3 east zone
 111 Geographic coordinates (Athens) [deg,min,sec]
 112 Geographic coordinates (Athens) [deg]
 3 UTM coordinates (northern hemisphere)
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

54 HGRS87/EGSA87 (GR), Dionysos, GRS80
 55 ED50 (GR), Potsdam, Hayford/Int.
 65 HELLENIC (GR $\leq \pm 3\text{m}$), Athens, Bessel
 4 ETRS89 (EU), geocentric, GRS80
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 11 WGS72 (Worldwide), geocentric, WGS72
 208 Source Reference System in an arbitrary NTv2 file
 209 Target Reference System in an arbitrary NTv2 file

Greenland (GL)

Coordinate Systems

3 UTM coordinates (northern hemisphere)
 980 Greenland Lambert zone 5 east coordinates
 981 Greenland Lambert zone 6 east coordinates
 982 Greenland Lambert zone 7 east coordinates
 989 Greenland Lambert zone 8 east coordinates
 983 Greenland Lambert zone 2 west coordinates
 984 Greenland Lambert zone 3 west coordinates
 985 Greenland Lambert zone 4 west coordinates
 986 Greenland Lambert zone 5 west coordinates
 987 Greenland Lambert zone 6 west coordinates
 988 Greenland Lambert zone 7 west coordinates
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]

- 500 Cartesian coordinates
- Reference Systems
- 783 GR96 (GL <±1m), geocentric, GRS80
- 784 Ammassalik 1958 (GL <±1m), Ammassalik, Hayford/Int.
- 785 Scoresbysund 1952 (GL <±1m), Scoresbysund, Hayford/Int.
- 786 Qornoq 1927 (GL <±1m), Qornoq, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Hungary (HU)

Coordinate Systems

- 61 Hungarian EOVS coordinates
- 4 Gauss-Krueger (6 degrees wide strips)
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates
- Reference Systems
- 43 HD72 (HU 1995), Szölöhegy, GRS67
- 687 HD72 (HU 2002), Szölöhegy, GRS67
- 685 HD72 (HU 2014 NTV2 Etrs2Eov_kor), Szölöhegy, GRS67
- 686 ETRS89 (HU 2014 NTV2 Etrs2Eov_kor), geocentric, GRS80
- 3 S42/83 (EU-E/AS[FSU] 1990 <±3m), Pulkovo, Krassowsky
- 4 ETRS89 (EU), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Iceland (IS)

Coordinate Systems

- 969 Iceland Lambert 2016 coordinates
- 901 Iceland Lambert 2004 coordinates
- 898 Iceland Lambert 1993 coordinates
- 899 Iceland Lambert 1955 coordinates
- 900 Iceland Lambert 1900 coordinates
- 3 UTM coordinates (northern hemisphere)
- 998 LAEA-Iceland Lambert Azimuthal Equal Area
- 151 LAEA-Europe Pan-European Lambert Azim. Equal Area
- 150 LCC-Europe Pan-European Lambert Conformal Conic
- 897 Geographic coordinates (Kopenhagen) [deg]
- 896 Geographic coordinates (Kopenhagen) [deg,min,sec]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates
- Reference Systems
- 675 ISN2004 (IS), geocentric, GRS80
- 750 ISN2004 (IS NTV2 ISN2004_ISN2016), geocentric, GRS80
- 751 ISN2016 (IS NTV2 ISN2004_ISN2016), geocentric, GRS80
- 672 ISN93 (IS), geocentric, GRS80

748 ISN93 (IS NTv2 ISN93_ISN2016), geocentric, GRS80
749 ISN2016 (IS NTv2 ISN93_ISN2016), geocentric, GRS80
754 ISN2016 (IS =WGS84=), geocentric, WGS84
753 ISN2004 (IS =WGS84=), geocentric, WGS84
752 ISN93 (IS =WGS84=), geocentric, WGS84
673 Hjorsey 1955 (IS), Hjorsey, Hayford/International
674 Reykjavik 1900 (IS), Reykjavik, Danish Andrae
10 WGS84 (Worldwide GPS), geocentric, WGS84
208 Source Reference System in an arbitrary NTv2 file
209 Target Reference System in an arbitrary NTv2 file

INSPIRE© (Europe)

Coordinate Systems

535 TMzn-Europe Pan-European Transverse Mercator (UTM)
150 LCC-Europe Pan-European Lambert Conformal Conic
151 LAEA-Europe Pan-European Lambert Azim. Equal Area
6 Geographic coordinates (Greenwich) [deg]
32 Geographic coordinates (Greenwich) [deg,min]
1 Geographic coordinates (Greenwich) [deg,min,sec]
500 Cartesian coordinates

Reference Systems

4 ETRS89 (EU), geocentric, GRS80
10 WGS84 (Worldwide GPS), geocentric, WGS84
208 Source Reference System in an arbitrary NTv2 file
209 Target Reference System in an arbitrary NTv2 file

Ireland / Northern Ireland (IE)

Coordinate Systems

527 Irish ITM Transverse Mercator coordinates
55 IG Irish Grid Transverse Mercator coordinates
660 ING Irish National Grid (Centimeter grid mesh)
56 ING Irish National Grid (Meter grid mesh)
659 ING Irish National Grid (100 meter grid mesh)
3 UTM coordinates (northern hemisphere)
6 Geographic coordinates (Greenwich) [deg]
32 Geographic coordinates (Greenwich) [deg,min]
1 Geographic coordinates (Greenwich) [deg,min,sec]
500 Cartesian coordinates

Reference Systems

624 IRENET95 (IE), geocentric, GRS80
4 ETRS89 (EU), geocentric, GRS80
35 TM65/OSNI52 (IE <±1m), Slieve Donard, Airy modified
623 TM75 (IE <±1m), Slieve Donard, Airy modified
756 TM75 (IE NTv2 TM75_ETRS89 <±0.3m), Slieve Donard, Airy mod.
757 ETRS89 (IE NTv2 TM75_ETRS89 <±0.3m), geocentric, GRS80
13 OSGB36 (GB/IE), Herstmonceux, Airy
802 OSGB70 SN (GB/IE), Herstmonceux, Airy
10 WGS84 (Worldwide GPS), geocentric, WGS84
11 WGS72 (Worldwide), geocentric, WGS72
758 ED50 (GB/IE <±3m), Potsdam, Hayford/Int.
2 ED50 (EU), Potsdam, Hayford/Int.
208 Source Reference System in an arbitrary NTv2 file
209 Target Reference System in an arbitrary NTv2 file

Italy (IT)

Coordinate Systems

- 965 Italian Transv. Mercator RDN zone EN/NE
- 966 Italian Transv. Mercator RDN zone 12 EN/NE
- 967 Italian Transverse Mercator Emilia-Romagna
- 25 Italian Gauss-Boaga west zone
- 26 Italian Gauss-Boaga east zone
- 3 UTM coordinates (northern hemisphere)
- 152 Geographic coordinates (Roma) [deg,min,sec]
- 153 Geographic coordinates (Roma) [deg]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 713 RDN2008 (IT), geocentric, GRS80
- 608 IGM95 (IT), geocentric, WGS84
- 4 ETRS89 (EU), geocentric, GRS80
- 588 ED50 (IT NTv2 NadED50), Potsdam, Hayford/Int.
- 589 WGS84 (IT NTv2 NadED50), geocentric, WGS84
- 590 ROMA40 (IT NTv2 NadRoma40), Monte Mario, Hayford/Int.
- 591 WGS84 (IT NTv2 NadRoma40), geocentric, WGS84
- 592 ROMA40 (IT NTv2 NadRoma40ED50), Monte Mario, Hayford/Int.
- 593 ED50 (IT NTv2 NadRoma40ED50), Potsdam, Hayford/Int.
- 15 ROMA40 (IT), Monte Mario, Hayford/Int.
- 28 ROMA40 (IT-peninsular $<\pm 4\text{m}$), Monte Mario, Hayford/Int.
- 29 ROMA40 (IT-Sardinia $<\pm 4\text{m}$), Monte Mario, Hayford/Int.
- 30 ROMA40 (IT-Sicily $<\pm 4\text{m}$), Monte Mario, Hayford/Int.
- 2 ED50 (EU), Potsdam, Hayford/Int.
- 50 ED50 (IT Sardinia), Potsdam, Hayford/Int.
- 51 ED50 (IT Sicily), Potsdam, Hayford/Int.
- 554 Genova1902 (IT contry wide 7par. $\pm 2.5\text{m}$), Genova, Bessel
- 555 Genova1902 (IT contry wide 3par. $\pm 10\text{m}$), Genova, Bessel
- 556 Genova1902 (IT north 3Par.), Genova, Bessel
- 557 Old Monte Mario (IT central), Monte Mario, Bessel
- 558 Castanea1910 (IT south), Castanea, Bessel
- 559 Guardia Vecchia (IT Sardinia), Maddalena, Bessel
- 594 ROMA40 (IT Em-Rom NTv2 RerAd400MMED50), MM, Hayford/Int.
- 595 ED50 (IT Em-Rom NTv2 RerAd400MMED50), Potsdam, Hayford/Int.
- 596 ROMA40 (IT Em-Rom NTv2 RerAd400MMETRS89), MM, Hayford/Int.
- 597 ETRS89 (IT Em-Rom NTv2 RerAd400MMETRS89), geoc., GRS80
- 598 ROMA40 (IT Em-Rom NTv2 RerMmED50K2), MM, Hayford/Int.
- 599 ED50 (IT Em-Rom NTv2 RerMmED50K2), Potsdam, Hayford/Int.
- 600 ROMA40 (IT Em-Rom NTv2 RerMmETRS89K2), MM, Hayford/Int.
- 601 ETRS89 (IT Em-Rom NTv2 RerMmETRS89K2), geoc., GRS80
- 602 ED50 (IT Em-Rom NTv2 RerED50ETRS89K2), Potsd., Hayford/Int.
- 603 ETRS89 (IT Em-Rom NTv2 RerED50ETRS89K2), geoc., GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Kosovo (XK)

Coordinate Systems

625 KOSOVAREF01 Gauss-Krueger coordinates
 534 Balkans MGI Zones 5-8 Gauss-Krueger coordinates
 3 UTM coordinates (northern hemisphere)
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates
 Reference Systems
 723 KOSOVAREF01 (XK <±1m), geocentric, GRS80
 724 MGI (XK <±1m), Hermannskogel, Bessel
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 208 Source Reference System in an arbitrary NTV2 file
 209 Target Reference System in an arbitrary NTV2 file

Latvia (LV)

Coordinate Systems

3 UTM coordinates (northern hemisphere)
 107 Latvian Transverse Mercator coord. LKS92
 105 Baltic Transverse Mercator coord. TM Baltic93
 758 Baltic CS63 zone C0 Transverse Mercator
 759 Baltic CS63 zone C1 Transverse Mercator
 760 Baltic CS63 zone C2 Transverse Mercator
 4 Gauss-Krueger (6 degrees wide strips)
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

61 Latvia LKS92 (LV), geocentric, GRS80
 4 ETRS89 (EU), geocentric, GRS80
 62 S42 (LV), Pulkovo, Krassowsky
 3 S42/83 (EU-E/AS[FSU] 1990 <±3m), Pulkovo, Krassowsky
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
 208 Source Reference System in an arbitrary NTV2 file
 209 Target Reference System in an arbitrary NTV2 file

Liechtenstein (LI)

Coordinate Systems

36 Swiss grid coordinates 1995 (LV95)
 7 Swiss grid coordinates New Grid (1903M, LV03)
 888 Swiss grid coordinates Old Grid (1903C, LV03C-G, Greenw.)
 104 Swiss grid coordinates Old Grid (1903C, LV03C, Bern)
 3 UTM coordinates (northern hemisphere)
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

4 ETRS89 (EU), geocentric, GRS80
 26 CH1903 (CH/LI), Bern, Bessel
 8 CH1903+ (CH/LI 1993), Zimmerwald, Bessel
 27 CHTRS95 (CH/LI), geocentric, GRS80
 347 CH1903 (CH/LI NTV2 chenx06etrs <±0.5m), Bern, Bessel

- 348 ETRS89 (CH/LI NTv2 chenyx06etrs <±0.5m), geocentric, GRS80
- 214 CH1903 (CH/LI NTv2 chenyx06a <±0.5m), Bern, Bessel
- 215 CH1903+ (CH/LI NTv2 chenyx06a <±0.5m), Zimmerwald, Bessel
- 626 CH1903 (CH/LI NTv2 chenyx06etrs <±2m), Bern, Bessel
- 627 CHTRF95 (CH/LI NTv2 chenyx06etrs <±2m), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Lithuania (LT)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 106 Lithuanian Transverse Mercator coord. LKS94
- 105 Baltic Transverse Mercator coord. TM Baltic93
- 758 Baltic CS63 zone C0 Transverse Mercator
- 759 Baltic CS63 zone C1 Transverse Mercator
- 760 Baltic CS63 zone C2 Transverse Mercator
- 4 Gauss-Krueger (6 degrees wide strips)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 4 ETRS89 (EU), geocentric, GRS80
- 59 Lithuania LKS94 (LT), geocentric, GRS80
- 60 S42 (LT), Pulkovo, Krassowsky
- 3 S42/83 (EU-E/AS[FSU] 1990 <±3m), Pulkovo, Krassowsky
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Luxembourg (LU)

Coordinate Systems

- 17 Luxemburgian Transverse Mercator
- 3 UTM coordinates (northern hemisphere)
- 34 Geographic coordinates (Greenwich) [gon]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 4 ETRS89 (EU), geocentric, GRS80
- 14 LUREF (LU), Habay, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 2 ED50 (EU), Potsdam, Hayford/Int.
- 6 NTF (FR), Paris Pantheon, Clarke IGN
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Malta (MT)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)

- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates
- Reference Systems
- 64 ED50 (MT), Potsdam, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Montenegro (ME)

Coordinate Systems

- 534 Balkans MGI Zones 5-8 Gauss-Krueger coordinates
- 625 KOSOVAREF01 Gauss-Krueger coordinates
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates
- Reference Systems
- 211 MGI (RS/ME/MK), Hermannskogel, Bessel
- 4 ETRS89 (EU), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Netherlands (NL)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 11 Netherlands RD New Stereographic coordinates
- 756 Netherlands RD Old Stereographic coordinates
- 757 TM 5 NE Transverse Mercator Coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates
- Reference Systems
- 4 ETRS89 (EU), geocentric, GRS80
- 755 Amersfoort (NL 2020 $<\pm 0.25\text{m}$), Amersfoort, Bessel
- 706 Amersfoort (NL NTV2 RDTRANS2018 $<\pm 5\text{mm}$), Amersfoort, Bessel
- 707 ETRS89 (NL NTV2 RDTRANS2018 $<\pm 5\text{mm}$), geocentric, GRS80
- 705 Amersfoort (NL 2018 $<\pm 0.1\text{m}$), Amersfoort, Bessel
- 560 Amersfoort (NL NTV2 RDTRANS2008 $<\pm 5\text{mm}$), Amersfoort, Bessel
- 561 ETRS89 (NL NTV2 RDTRANS2008 $<\pm 5\text{mm}$), geocentric, GRS80
- 207 Amersfoort (NL 2008 $<\pm 0.1\text{m}$), Amersfoort, Bessel
- 145 Amersfoort (NL 2004 $<\pm 0.3\text{m}$), Amersfoort, Bessel
- 7 Amersfoort (NL 2000 $<\pm 0.5$), Amersfoort, Bessel
- 586 ED50 (North Sea $<\pm 2\text{m}$), Potsdam, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 2 ED50 (EU), Potsdam, Hayford/Int.
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

North Macedonia (MK)

Coordinate Systems

- 999 Macdonien Gauss-Krueger coordinates
- 1001 Macdonien truncated Gauss-Krueger coordinates
- 534 Balkans MGI Zones 5-8 Gauss-Krueger coordinates
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 803 MGI 1901 (MK ± 0.7 m), Hermannskogel, Bessel
- 211 MGI (RS/ME/MK), Hermannskogel, Bessel
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Norway (NO)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 68 Norwegian Transv. Mercator NGO1948 Zone I
- 69 Norwegian Transv. Mercator NGO1948 Zone II
- 70 Norwegian Transv. Mercator NGO1948 Zone III
- 71 Norwegian Transv. Mercator NGO1948 Zone IV
- 72 Norwegian Transv. Mercator NGO1948 Zone V
- 73 Norwegian Transv. Mercator NGO1948 Zone VI
- 74 Norwegian Transv. Mercator NGO1948 Zone VII
- 75 Norwegian Transv. Mercator NGO1948 Zone VIII
- 671 Norwegian Transv. Mercator NTM Zone 5
- 672 Norwegian Transv. Mercator NTM Zone 6
- 673 Norwegian Transv. Mercator NTM Zone 7
- 674 Norwegian Transv. Mercator NTM Zone 8
- 675 Norwegian Transv. Mercator NTM Zone 9
- 676 Norwegian Transv. Mercator NTM Zone 10
- 677 Norwegian Transv. Mercator NTM Zone 11
- 678 Norwegian Transv. Mercator NTM Zone 12
- 679 Norwegian Transv. Mercator NTM Zone 13
- 680 Norwegian Transv. Mercator NTM Zone 14
- 681 Norwegian Transv. Mercator NTM Zone 15
- 682 Norwegian Transv. Mercator NTM Zone 16
- 683 Norwegian Transv. Mercator NTM Zone 17
- 684 Norwegian Transv. Mercator NTM Zone 18
- 685 Norwegian Transv. Mercator NTM Zone 19
- 686 Norwegian Transv. Mercator NTM Zone 20
- 687 Norwegian Transv. Mercator NTM Zone 21
- 688 Norwegian Transv. Mercator NTM Zone 22
- 689 Norwegian Transv. Mercator NTM Zone 23
- 690 Norwegian Transv. Mercator NTM Zone 24
- 691 Norwegian Transv. Mercator NTM Zone 25
- 692 Norwegian Transv. Mercator NTM Zone 26
- 693 Norwegian Transv. Mercator NTM Zone 27
- 694 Norwegian Transv. Mercator NTM Zone 28
- 695 Norwegian Transv. Mercator NTM Zone 29

- 696 Norwegian Transv. Mercator NTM Zone 30
- 970 Norway EPSG Arctic 3-11 Lambert Conformal Conic
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 46 NGO1948 (NO), Oslo, Bessel modified
- 4 ETRS89 (EU), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 159 ED50 (NO >62° 1991), Potsdam, Hayford/Int.
- 160 ED50 (NO >62° 2001), Potsdam, Hayford/Int.
- 161 ED50 (NO <62° 2001), Potsdam, Hayford/Int.
- 47 ED50 (NO FI 1990), Potsdam, Hayford/Int.
- 2 ED50 (EU), Potsdam, Hayford/Int.
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Poland (PL)

Coordinate Systems

- 38 Polish Gauss-Krueger 2000/15-24 (3 degrees strips)
- 37 Polish Gauss-Krueger coordinates 1992/19
- 44 Polish Stereographic 1965 zone 1
- 45 Polish Stereographic 1965 zone 2
- 46 Polish Stereographic 1965 zone 3
- 47 Polish Stereographic 1965 zone 4
- 48 Polish Transverse Mercator 1965 zone 5
- 49 Polish Stereographic GUGiK coordinates
- 96 Polish Gauss-Krueger 1942/15-24 (3 degrees strips)
- 97 Polish Gauss-Krueger 1942/15-21 (6 degrees strips)
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 4 ETRS89 (EU), geocentric, GRS80
- 32 S42/58 (PL Uklad 1965), Pulkovo, Krassowsky
- 612 Pulkovo1942(58) (EU-E <±1m), Pulkovo, Krassowsky
- 53 S42/83 (PL), Pulkovo, Krassowsky
- 3 S42/83 (EU-E/AS[FSU] 1990 <±3m), Pulkovo, Krassowsky
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 2 ED50 (EU), Potsdam, Hayford/Int.
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Portugal (PT)

Coordinate Systems

- 754 Portugese Transverse Mercator TM06
- 58 Portugese Transversal Mercator DLX/SHGA coord.
- 496 Portugese Transversal Mercator DLX/SHGM coord.
- 59 Portugese Transversal Mercator D73/SHG73 coord.

- 528 Portugese Bonne B-DLX coordinates
- 150 LCC-Europe Pan-European Lambert Conformal Conic
- 151 LAEA-Europe Pan-European Lambert Azim. Equal Area
- 3 UTM coordinates (northern hemisphere)
- 753 Geographic coordinates (Lisbon) [deg]
- 752 Geographic coordinates (Lisbon) [deg,min,sec]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 736 D73 (PT 2011 NTv2 D73_ETRS89_geo), Melrica, Hayford/Int.
- 737 ETRS89 (PT 2011 NTv2 D73_ETRS89_geo), geocentric, GRS80
- 738 DLX (PT 2011 NTv2 DLX_ETRS89_geo), Lisbon, Hayford/Int.
- 739 ETRS89 (PT 2011 NTv2 DLX_ETRS89_geo), geocentric, GRS80
- 216 D73 (PT 2008 NTv2 PT73_E89 <±0.5m), Melrica, Hayford/Int.
- 217 ETRS89 (PT 2008 NTv2 PT73_E89 <±0.5m), geocentric, GRS80
- 218 DLX (PT 2008 NTv2 PTLX_E89 <±0.5m), Lisbon, Hayford/Int.
- 219 ETRS89 (PT 2008 NTv2 PTLX_E89 <±0.5m), geocentric, GRS80
- 282 B-DLX (PT 2008 NTv2 PTBL_E89 <±0.5m), Lissabon, Bessel
- 283 ETRS89 (PT 2008 NTv2 PTBL_E89 <±0.5m), geocentric, GRS80
- 284 ED50 (PT 2008 NTv2 PTED_E89 <±0.5m), Potsdam, Hayford/Int.
- 285 ETRS89 (PT 2008 NTv2 PTED_E89 <±0.5m), geocentric, GRS80
- 4 ETRS89 (EU), geocentric, GRS80
- 41 D73 (PT), Melrica, Hayford/Int.
- 40 DLX (PT), Lisbon, Hayford/Int.
- 196 B-DLX (PT), Lisbon, Bessel
- 725 PTRAO8 (PT islands <±1m), geocentric, GRS80
- 42 ED50 (PT), Potsdam, Hayford/Int.
- 198 Porto Santo 1995 (PT Madeira), Base SE, Hayford/Int.
- 575 Porto Santo 1936 (PT Madeira), Base SE, Hayford/Int.
- 576 Selvagem Grande (PT Madeira), Marco Astro, Hayford/Int.
- 199 Azores Oriental 1995 (PT Azores), Sao Braz, Hayford/Int.
- 200 Azores Central 1995 (PT Azores), Gracioso, Hayford/Int.
- 573 Azores Oriental 1940 (PT Azores), Sao Braz, Hayford/Int.
- 574 Azores Central 1948 (PT Azores), Gracioso, Hayford/Int.
- 572 Azores Occidental 1939 (PT Azores), Flores, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Romania (RO)

Coordinate Systems

- 497 Romanian Stereo70 Stereographic coordinates
- 498 Romanian Stereo33 Stereographic coordinates
- 4 Gauss-Krueger (6 degrees wide strips)
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 121 Stereo70 (RO <±3m), Dealul Piscului, Krassowsky

- 765 Stereo70 (RO NTv2 Stereo70_ETRS89), Dea. Pisc., Krassowsky
- 766 ETRS89 (RO NTv2 Stereo70_ETRS89), geocentric, GRS80
- 122 Stereo33 (RO <±3m), Dealul Piscului, Hayford/Int.
- 123 S42/83 (RO <±3m), Pulkovo, Krassowsky
- 3 S42/83 (EU-E/AS[FSU] 1990 <±3m), Pulkovo, Krassowsky
- 767 Pulkovo1942(58) (RO <±0.5m), Pulkovo, Krassowsky
- 612 Pulkovo1942(58) (EU-E <±1m), Pulkovo, Krassowsky
- 4 ETRS89 (EU), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Russian Federation (RU)

Coordinate Systems

- 971 Russian Gauss-Krueger coordinates GSK 3GK
- 4 Gauss-Krueger (6 degrees wide strips)
- 2 Gauss-Krueger coord. (3 degrees wide strips)
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 695 GSK-2011 (RU), geocentric, GSK-2011
- 611 Pulkovo1995 (EU-E/AS[FSU] 2008 <±1m), Pulkovo, Krassowsky
- 435 Pulkovo1942 (EU-E/AS[FSU] 2008 <±3m), Pulkovo, Krassowsky
- 434 S42/2001 (EU-E/AS[FSU] <±4m), Pulkovo, Krassowsky
- 103 S42/1993 (EU-E/AS[FSU] <±4.5m), Pulkovo, Krassowsky
- 3 S42/83 (EU-E/AS[FSU] 1990 <±3m), Pulkovo, Krassowsky
- 104 S42/3Par. (EU-E/AS[FSU]), Pulkovo, Krassowsky
- 694 PZ-90 Gost 2010 (RU), geocentric, PZ-90
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 106 PZ-90 Roßbach 1996 (Worldwide GLONASS), geoc., PZ-90
- 105 PZ-90 Misra 1996 (Worldwide GLONASS), geoc., PZ-90
- 108 PZ-90 Boykov 1993 (Worldwide GLONASS), geoc., PZ-90
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Serbia (RS)

Coordinate Systems

- 534 Balkans MGI Zones 5-8 Gauss-Krueger coordinates
- 625 KOSOVAREF01 Gauss-Krueger coordinates
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 701 MGI 1901 (RS ±0.5m), Hermannskogel, Bessel
- 211 MGI (RS/ME/MK), Hermannskogel, Bessel
- 702 SREF98 (RS), geocentric, GRS80
- 703 SRB_ETRS89 (RS), geocentric, GRS80

- 4 ETRS89 (EU), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Slovakia (SK)

Coordinate Systems

- 35 Krovak S-JTSK (Greenwich South/West positiv) coordinates
- 95 Krovak S-JTSK (Greenwich East/Nord negativ) coordinates
- 885 Krovak S-JTSK (Ferro South/West positiv) coordinates
- 886 Krovak S-JTSK (Ferro East/Nord negativ) coordinates
- 4 Gauss-Krueger (6 degrees wide strips)
- 15 Austria Bundesmeldenetz M31 (X < 5 Mio.)
- 16 Austria Bundesmeldenetz M34 (X < 5 Mio.)
- 3 UTM coordinates (northern hemisphere)
- 612 Geographic coordinates (Ferro) [deg]
- 611 Geographic coordinates (Ferro) [deg,min,sec]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 4 ETRS89 (EU), geocentric, GRS80
- 630 S-JTSK (SK 2006 <±1m), Hermannskogel, Bessel
- 52 S-JTSK (SK 2000), Hermannskogel, Bessel
- 3 S42/83 (EU-E/AS[FSU] 1990 <±3m), Pulkovo, Krassowsky
- 5 MGI (AT/CZ), Hermannskogel, Bessel
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 2 ED50 (EU), Potsdam, Hayford/Int.
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Slovenia (SI)

Coordinate Systems

- 101 Slovenian Transverse Mercator coord. D48
- 102 Slovenian Transverse Mercator coord. D48+
- 534 Balkans MGI Zones 5-8 Gauss-Krueger coordinates
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 56 D48 (SI), Hermannskogel, Bessel
- 210 MGI (SI/HR/BA), Hermannskogel, Bessel
- 3 S42/83 (EU-E/AS[FSU] 1990 <±3m), Pulkovo, Krassowsky
- 4 ETRS89 (EU), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 2 ED50 (EU), Potsdam, Hayford/Int.
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90

- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Spain (ES)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 51 UTMref (MGRS) (Meter grid mesh)
- 57 Spanish Lambert MADRID coordinates
- 157 Geographic coordinates (Madrid) [deg,min,sec]
- 158 Geographic coordinates (Madrid) [deg]
- 150 LCC-Europe Pan-European Lambert Conformal Conic
- 151 LAEA-Europe Pan-European Lambert Azim. Equal Area
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 278 ED50 (ES Pen NTv2 PENR2009 $<\pm 0.1$ m), Potsdam, Hayford/Int.
- 279 ETRS89 (ES Pen NTv2 PENR2009 $<\pm 0.1$ m), geocentric, GRS80
- 280 ED50 (ES Bal NTv2 BALR2009 $<\pm 0.1$ m), Potsdam, Hayford/Int.
- 281 ETRS89 (ES Bal NTv2 BALR2009 $<\pm 0.1$ m), geocentric, GRS80
- 276 ED50 (ES Pen+Bal NTv2 SPED2ET(03) $<\pm 0.15$ m), Pd, Hayford/Int.
- 277 ETRS89 (ES Pen+Bal NTv2 SPED2ET(03) $<\pm 0.15$ m), geoc., GRS80
- 36 MADRID1870 (ES $<\pm 7$ m), Madrid, Struve
- 352 Pico Nieves 1984 (ES-Canares $<\pm 20$ m), P. Nieves, Hayford/Int.
- 353 REGCAN95 (ES-Canares), geocentric, GRS80
- 37 ED50 (ES EST99 peninsular), Potsdam, Hayford/Int.
- 38 ED50 (ES ZNW99 northwest), Potsdam, Hayford/Int.
- 39 ED50 (ES BAL99 Balearic isl.), Potsdam, Hayford/Int.
- 4 ETRS89 (EU), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Sweden (SE)

Coordinate Systems

- 93 Swedish Transv. Mercator SWEREF99 TM (15°)
- 592 Swedish Transverse Mercator SWEREF99 (12°)
- 593 Swedish Transverse Mercator SWEREF99 (13° 30')
- 594 Swedish Transverse Mercator SWEREF99 (15°)
- 595 Swedish Transverse Mercator SWEREF99 (16° 30')
- 596 Swedish Transverse Mercator SWEREF99 (18°)
- 597 Swedish Transverse Mercator SWEREF99 (14° 15')
- 598 Swedish Transverse Mercator SWEREF99 (15° 45')
- 599 Swedish Transverse Mercator SWEREF99 (17° 15')
- 600 Swedish Transverse Mercator SWEREF99 (18° 45')
- 601 Swedish Transverse Mercator SWEREF99 (20° 15')
- 602 Swedish Transverse Mercator SWEREF99 (21° 45')
- 603 Swedish Transverse Mercator SWEREF99 (23° 15')
- 62 Swedish Transv. Mercator RT90 7.5gonV
- 63 Swedish Transv. Mercator RT90 5gonV
- 64 Swedish Transv. Mercator RT90 2.5gonV
- 65 Swedish Transv. Mercator RT90 0gon

- 66 Swedish Transv. Mercator RT90 2.5gonO
- 67 Swedish Transv. Mercator RT90 5gonO
- 762 Swedish Transv. Mercator RT90 7.5gonO
- 76 Swedish Transv. Mercator RT R01 Skåne 2.5gonV
- 77 Swedish Transv. Mercator RT R02 Halland 2.5gonV
- 78 Swedish Transv. Mercator RT R03 Karlshamn 2.5gonV
- 79 Swedish Transv. Mercator RT R04 Göteborg 2.5gonV
- 80 Swedish Transv. Mercator RT R05 Vänern 2.5gonV
- 81 Swedish Transv. Mercator RT R06 Småland 2.5gonV
- 82 Swedish Transv. Mercator RT R07 Örebro 2.5gonV
- 83 Swedish Transv. Mercator RT R08 Gotland 2.5gonV
- 84 Swedish Transv. Mercator RT R09 Stockholm 2.5gonV
- 85 Swedish Transv. Mercator RT R10 Gävle-Dala 2.5gonV
- 86 Swedish Transv. Mercator RT R1 2.5gonV1 Ume
- 87 Swedish Transv. Mercator RT R12 Luleå 2.5gonV
- 94 Swedish Transv. Mercator coord. FME (13° 35')
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 45 SWEREF99 (SE), geocentric, GRS80
- 274 SWEREF93 (SE), geocentric, GRS80
- 44 RT90 (SE), Stockholm, Bessel
- 4 ETRS89 (EU), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 2 ED50 (EU), Potsdam, Hayford/Int.
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Switzerland (CH)

Coordinate Systems

- 36 Swiss grid coordinates 1995 (LV95)
- 7 Swiss grid coordinates New Grid (1903M, LV03)
- 104 Swiss grid coordinates Old Grid (1903C, LV03C, Bern)
- 888 Swiss grid coordinates Old Grid (1903C, LV03C-G, Greenw.)
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 4 ETRS89 (EU), geocentric, GRS80
- 26 CH1903 (CH/LI), Bern, Bessel
- 8 CH1903+ (CH/LI 1993), Zimmerwald, Bessel
- 27 CHTRS95 (CH/LI), geocentric, GRS80
- 347 CH1903 (CH/LI NTv2 chenyx06etrs <±0.5m), Bern, Bessel
- 348 ETRS89 (CH/LI NTv2 chenyx06etrs <±0.5m), geocentric, GRS80
- 214 CH1903 (CH/LI NTv2 chenyx06a <±0.5m), Bern, Bessel
- 215 CH1903+ (CH/LI NTv2 chenyx06a <±0.5m), Zimmerwald, Bessel
- 626 CH1903 (CH/LI NTv2 chenyx06etrs <±2m), Bern, Bessel
- 627 CHTRF95 (CH/LI NTv2 chenyx06etrs <±2m), geocentric, GRS80
- 16 GRANIT87 (CH), Zimmerwald, Bessel

- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 2 ED50 (EU), Potsdam, Hayford/Int.
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Turkey (TR)

Coordinate Systems

- 645 Turkey TUREF/TM27 Transverse Mercator
- 646 Turkey TUREF/TM30 Transverse Mercator
- 647 Turkey TUREF/TM33 Transverse Mercator
- 648 Turkey TUREF/TM36 Transverse Mercator
- 649 Turkey TUREF/TM39 Transverse Mercator
- 650 Turkey TUREF/TM42 Transverse Mercator
- 651 Turkey TUREF/TM45 Transverse Mercator
- 150 LCC-Europe Pan-European Lambert Conformal Conic
- 151 LAEA-Europe Pan-European Lambert Azim. Equal Area
- 3 UTM coordinates (northern hemisphere)
- 2 Gauss-Krueger coord. (3 degrees wide strips)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 303 TUREF (TR), geocentric, GRS80
- 302 ED50 (TR $<\pm 2m$), Potsdam, Hayford/Int.
- 4 ETRS89 (EU), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Ukraine (UA)

Coordinate Systems

- 751 Ukrainian Gauss-Krueger TM (3 degrees wide strips)
- 2 Gauss-Krueger coord. (3 degrees wide strips)
- 4 Gauss-Krueger (6 degrees wide strips)
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 562 UCS2000 (UA 2012 $<\pm 1m$), Pulkovo, Krassowsky
- 563 UCS2000 (UA 2008 $<\pm 5m$), Pulkovo, Krassowsky
- 564 S42/83 (UA 2012 $<\pm 3.5m$), Pulkovo, Krassowsky
- 3 S42/83 (EU-E/AS[FSU] 1990 $<\pm 3m$), Pulkovo, Krassowsky
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Multinational Coordinate Systems

Coordinate Systems

- 535 TMzn-Europe Pan-European Transverse Mercator (UTM)
- 150 LCC-Europe Pan-European Lambert Conformal Conic

- 151 LAEA-Europe Pan-European Lambert Azim. Equal Area
- 574 Europe Albers Equal Area Conic coordinates
- 957 Caspian Sea Mercator coordinates
- 995 TM 0 N Transverse Mercator coordinates
- 757 TM 5 NE Transverse Mercator Coordinates
- 996 TM 6 NETransverse Mercator coordinates
- 51 UTMref (MGRS) (Meter grid mesh)
- 105 Baltic Transverse Mercator coord. TM Baltic93
- 758 Baltic CS63 zone C0 Transverse Mercator
- 759 Baltic CS63 zone C1 Transverse Mercator
- 760 Baltic CS63 zone C2 Transverse Mercator
- 534 Balkans MGI Zones 5-8 Gauss-Krueger coordinates
- 625 KOSOVAREF01 Gauss-Krueger coordinates
- 3 UTM coordinates (northern hemisphere)
- 2 Gauss-Krueger coord. (3 degrees wide strips)
- 4 Gauss-Krueger (6 degrees wide strips)
- 33 Geographic coordinates (Greenwich) [sec]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates
- Reference Systems
- 4 ETRS89 (EU), geocentric, GRS80
- 2 ED50 (EU), Potsdam, Hayford/Int.
- 586 ED50 (North Sea <±2m), Potsdam, Hayford/Int.
- 23 ED50 (FR), Potsdam, Hayford/Int.
- 3 S42/83 (EU-E/AS[FSU] 1990 <±3m), Pulkovo, Krassowsky
- 612 Pulkovo1942(58) (EU-E <±1m), Pulkovo, Krassowsky
- 435 Pulkovo1942 (EU-E/AS[FSU] 2008 <±3m), Pulkovo, Krassowsky
- 350 Pulkovo1942 (EU-E/AS[FSU] no_defs), Pulkovo, Krassowsky
- 586 ED50 (North Sea <±2m), Potsdam, Hayford/Int.
- 611 Pulkovo1995 (EU-E/AS[FSU] 2008 <±1m), Pulkovo, Krassowsky
- 351 Pulkovo1995 (EU-E/AS[FSU] no_defs), Pulkovo, Krassowsky
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 106 PZ-90 Roßbach 1996 (Worldwide GLONASS), geoc., PZ-90
- 105 PZ-90 Misra 1996 (Worldwide GLONASS), geoc., PZ-90
- 108 PZ-90 Boykov 1993 (Worldwide GLONASS), geoc., PZ-90
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 192 WGS72BE (Worldwide), geocentric, WGS72
- 210 MGI (SI/HR/BA), Hermannskogel, Bessel
- 211 MGI (RS/ME/MK), Hermannskogel, Bessel
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

--- North American continent -----

Canada Alberta (CA-AB)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 707 CA Alberta 3TM (111.0W) Transverse Mercator
- 708 CA Alberta 3TM (114.0W) Transverse Mercator
- 709 CA Alberta 3TM (117.0W) Transverse Mercator
- 710 CA Alberta 3TM (120.0W) Transverse Mercator

705 CA Alberta 10TM (Forest) Transverse Mercator
706 CA Alberta 10TM (Resource) Transverse Mercator
6 Geographic coordinates (Greenwich) [deg]
32 Geographic coordinates (Greenwich) [deg,min]
1 Geographic coordinates (Greenwich) [deg,min,sec]
500 Cartesian coordinates

Reference Systems

370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
72 NAD83 (US+CA =WGS84=), geocentric, GRS80
791 NAD83(CSRS)v7 (US+CA), geocentric, GRS80
790 NAD83(CSRS)v6 (US+CA), geocentric, GRS80
76 NAD27 (CA-BC+AB <±8m), Kansas, Clarke
763 NAD83 (CA-AB NTv2 ABCSRSv7), geocentric, GRS80
764 NAD83(CSRS) (CA-AB NTv2 ABCSRSv7), geocentric, GRS80
426 NAD83 (CA-AB NTv2 ABCSRSv4), geocentric, GRS80
427 NAD83(CSRS) (CA-AB NTv2 ABCSRSv4), geocentric, GRS80
166 NAD27 (CA NTv2 NTV2_0 <±0.5m), Kansas, Clarke
167 NAD83 (CA NTv2 NTV2_0 <±0.5m), geocentric, GRS80
73 NAD27 (US+CA <±15m), Kansas, Clarke
10 WGS84 (Worldwide GPS), geocentric, WGS84
11 WGS72 (Worldwide), geocentric, WGS72
208 Source Reference System in an arbitrary NTv2 file
209 Target Reference System in an arbitrary NTv2 file

Canada British Columbia (CA-BC)

Coordinate Systems

3 UTM coordinates (northern hemisphere)
704 CA British Columbia (BC) Albers coordinates
6 Geographic coordinates (Greenwich) [deg]
32 Geographic coordinates (Greenwich) [deg,min]
1 Geographic coordinates (Greenwich) [deg,min,sec]
500 Cartesian coordinates

Reference Systems

370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
72 NAD83 (US+CA =WGS84=), geocentric, GRS80
791 NAD83(CSRS)v7 (US+CA), geocentric, GRS80
790 NAD83(CSRS)v6 (US+CA), geocentric, GRS80
76 NAD27 (CA-BC+AB <±8m), Kansas, Clarke
400 NAD27 (CA-BC NTv2 BC_27_98), Kansas, Clarke
401 NAD83(CSRS98) (CA-BC NTv2 BC_27_98), geocentric, GRS80
402 NAD27 (CA-BC NTv2 BC_27_05), Kansas, Clarke
403 NAD83(CSRS05) (CA-BC NTv2 BC_27_05), geocentric, GRS80
404 NAD83(NMIP93) (CA-BC NTv2 BC_93_98/BC_CSRS), geoc., GRS80
405 NAD83(CSRS98) (CA-BC NTv2 BC_93_98/BC_CSRS), geoc., GRS80
406 NAD83(NMIP93) (CA-BC NTv2 BC_93_05), geocentric, GRS80
407 NAD83(CSRS05) (CA-BC NTv2 BC_93_05), geocentric, GRS80
166 NAD27 (CA NTv2 NTV2_0 <±0.5m), Kansas, Clarke
167 NAD83 (CA NTv2 NTV2_0 <±0.5m), geocentric, GRS80
73 NAD27 (US+CA <±15m), Kansas, Clarke
10 WGS84 (Worldwide GPS), geocentric, WGS84
11 WGS72 (Worldwide), geocentric, WGS72
208 Source Reference System in an arbitrary NTv2 file
209 Target Reference System in an arbitrary NTv2 file

Canada Manitoba (CA-MB)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 430 CA MTM zone 15 Transverse Mercator coordinates
- 431 CA MTM zone 16 Transverse Mercator coordinates
- 432 CA MTM zone 17 Transverse Mercator coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 791 NAD83(CSRS)v7 (US+CA), geocentric, GRS80
- 790 NAD83(CSRS)v6 (US+CA), geocentric, GRS80
- 77 NAD27 (CA-ON+MB $<\pm 9m$), Kansas, Clarke
- 73 NAD27 (US+CA $<\pm 15m$), Kansas, Clarke
- 166 NAD27 (CA NTV2 NTV2_0 $<\pm 0.5m$), Kansas, Clarke
- 167 NAD83 (CA NTV2 NTV2_0 $<\pm 0.5m$), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Canada New Brunswick (CA-NB)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 433 CA New Brunswick NAD83 Stereographic coordinates
- 434 CA New Brunswick ATS77 Stereographic coordinates
- 712 CA New Brunswick NAD27 Stereographic coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 791 NAD83(CSRS)v7 (US+CA), geocentric, GRS80
- 790 NAD83(CSRS)v6 (US+CA), geocentric, GRS80
- 359 ATS77 (CA-NB $<\pm 2m$ KilletSoft), geocentric, ATS77
- 74 NAD27 (CA-NL+PE+NS+NB+QC $<\pm 6m$), Kansas, Clarke
- 73 NAD27 (US+CA $<\pm 15m$), Kansas, Clarke
- 408 NAD27 (CA-NB NTV2 NB2783v2), Kansas, Clarke
- 409 NAD83(CSRS) (CA-NB NTV2 NB2783v2), geocentric, GRS80
- 410 ATS77 (CA-NB NTV2 NB7783v2), geocentric, ATS77
- 411 NAD83(CSRS) (CA-NB NTV2 NB7783v2), geocentric, GRS80
- 166 NAD27 (CA NTV2 NTV2_0 $<\pm 0.5m$), Kansas, Clarke
- 167 NAD83 (CA NTV2 NTV2_0 $<\pm 0.5m$), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Canada Newfoundland and Labrador (CA-NL)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 413 CA MTM zone 1 Transverse Mercator coordinates
- 415 CA MTM zone 2 Transverse Mercator coordinates
- 416 CA MTM zone 3 Transverse Mercator coordinates
- 417 CA MTM zone 4 Transverse Mercator coordinates
- 419 CA MTM zone 5 Transverse Mercator coordinates
- 421 CA MTM zone 6 Transverse Mercator coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 791 NAD83(CSRS)v7 (US+CA), geocentric, GRS80
- 790 NAD83(CSRS)v6 (US+CA), geocentric, GRS80
- 74 NAD27 (CA-NL+PE+NS+NB+QC $<\pm 6m$), Kansas, Clarke
- 73 NAD27 (US+CA $<\pm 15m$), Kansas, Clarke
- 360 NAD27 (CA-QC+NL NTv2 NA27NA83/QUE27-83), Kansas, Clarke
- 361 NAD83 (CA-QC+NL NTv2 NA27NA83/QUE27-83), geocentric, GRS80
- 362 NAD27 (CA-QC+NL NTv2 NA27SCRS/QUE27-98), Kansas, Clarke
- 363 NAD83(SCRS) (CA-QC+NL NTv2 NA27SCRS/QUE27-98), geoc., GRS80
- 364 NAD27(CGQ77) (CA-QC+NL NTv2 CQ77NA83/CGQ77-83), Kan., Clarke
- 365 NAD83 (CA-QC+NL NTv2 CQ77NA83/CGQ77-83), geocentric, GRS80
- 366 NAD27(CGQ77) (CA-QC+NL NTv2 CQ77SCRS/CGQ77-98), Kan., Clarke
- 367 NAD83(SCRS) (CA-QC+NL NTv2 CQ77SCRS/CGQ77-98), geoc., GRS80
- 368 NAD83 (CA-QC+NL NTv2 NA83SCRS/NAD83-98), geoc., GRS80
- 369 NAD83(SCRS) (CA-QC+NL NTv2 NA83SCRS/NAD83-98), geoc., GRS80
- 761 NAD83 (CA-NL NTv2 NLCSRSV4A), geocentric, GRS80
- 762 NAD83(CSRS) (CA-NL NTv2 NLCSRSV4A), geocentric, GRS80
- 166 NAD27 (CA NTv2 NTV2_0 $<\pm 0.5m$), Kansas, Clarke
- 167 NAD83 (CA NTv2 NTV2_0 $<\pm 0.5m$), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Canada Northwest Territories (CA-NT)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 713 CA Northwest Territories Lambert coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 791 NAD83(CSRS)v7 (US+CA), geocentric, GRS80
- 790 NAD83(CSRS)v6 (US+CA), geocentric, GRS80
- 75 NAD27 (CA-NT+NU+SK $<\pm 5m$), Kansas, Clarke
- 73 NAD27 (US+CA $<\pm 15m$), Kansas, Clarke
- 166 NAD27 (CA NTv2 NTV2_0 $<\pm 0.5m$), Kansas, Clarke

- 167 NAD83 (CA NTv2 NTV2_0 <±0.5m), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Canada Nova Scotia (CA-NS)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 416 CA MTM zone 3 Transverse Mercator coordinates
- 418 CA MTM Nova Scotia zone 4 Transv. Mercator
- 420 CA MTM Nova Scotia zone 5 Transv. Mercator
- 1002 CA MTM Nova Scotia 1997 zone 4 Transv. Mercator
- 1003 CA MTM Nova Scotia 1997 zone 5 Transv. Mercator
- 1004 CA MTM Nova Scotia 2010 zone 4 Transv. Mercator
- 1005 CA MTM Nova Scotia 2010 zone 5 Transv. Mercator
- 1006 CA Quebec) Albers Equal Area coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 791 NAD83(CSRS)v7 (US+CA), geocentric, GRS80
- 790 NAD83(CSRS)v6 (US+CA), geocentric, GRS80
- 79 ATS77 (CA-NS+PE <±1m KilletSoft), geocentric, ATS77
- 74 NAD27 (CA-NL+PE+NS+NB+QC <±6m), Kansas, Clarke
- 73 NAD27 (US+CA <±15m), Kansas, Clarke
- 428 ATS77 (CA-NS NTv2 NS7783v2), geocentric, ATS77
- 429 NAD83(CSRS98) (CA-NS NTv2 NS7783v2), geocentric, GRS80
- 430 ATS77 (CA-NS NTv2 GS7783 ±2m ±2m), geocentric, ATS77
- 431 NAD83 (CA-NS NTv2 GS7783 ±2m ±2m), geocentric, GRS80
- 166 NAD27 (CA NTv2 NTV2_0 <±0.5m), Kansas, Clarke
- 167 NAD83 (CA NTv2 NTV2_0 <±0.5m), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Canada Nunavut (CA-NU)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 713 CA Northwest Territories Lambert coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 791 NAD83(CSRS)v7 (US+CA), geocentric, GRS80
- 790 NAD83(CSRS)v6 (US+CA), geocentric, GRS80
- 75 NAD27 (CA-NT+NU+SK <±5m), Kansas, Clarke

- 73 NAD27 (US+CA <±15m), Kansas, Clarke
- 166 NAD27 (CA NTV2 NTV2_0 <±0.5m), Kansas, Clarke
- 167 NAD83 (CA NTV2 NTV2_0 <±0.5m), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Canada Ontario (CA-ON)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 423 CA MTM zone 8 Transverse Mercator coordinates
- 424 CA MTM zone 9 Transverse Mercator coordinates
- 425 CA MTM zone 10 Transverse Mercator coordinates
- 426 CA MTM zone 11 Transverse Mercator coordinates
- 427 CA MTM zone 12 Transverse Mercator coordinates
- 428 CA MTM zone 13 Transverse Mercator coordinates
- 429 CA MTM zone 14 Transverse Mercator coordinates
- 430 CA MTM zone 15 Transverse Mercator coordinates
- 431 CA MTM zone 16 Transverse Mercator coordinates
- 432 CA MTM zone 17 Transverse Mercator coordinates
- 702 CA MNR Ontario Lambert (85.0W) coordinates
- 703 CA Teranet Ontario Lambert (84.0W) coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 791 NAD83(CSRS)v7 (US+CA), geocentric, GRS80
- 790 NAD83(CSRS)v6 (US+CA), geocentric, GRS80
- 77 NAD27 (CA-ON+MB <±9m), Kansas, Clarke
- 73 NAD27 (US+CA <±15m), Kansas, Clarke
- 412 NAD27(1974) (CA-ON NTV2 ON27CSv1), Kansas, Clarke
- 413 NAD83(CSRS) (CA-ON NTV2 ON27CSv1), geocentric, GRS80
- 414 NAD27(1976) (CA-ON NTV2 ON76CSv1), Kansas, Clarke
- 415 NAD83(CSRS) (CA-ON NTV2 ON76CSv1), geocentric, GRS80
- 416 NAD83(ORIG) (CA-ON NTV2 ON83CSv1), geocentric, GRS80
- 417 NAD83(CSRS) (CA-ON NTV2 ON83CSv1), geocentric, GRS80
- 418 NAD27(1976) (CA-ON NTV2 MAY76v20), Kansas, Clarke
- 419 NAD83(ORIG) (CA-ON NTV2 MAY76v20), geocentric, GRS80
- 166 NAD27 (CA NTV2 NTV2_0 <±0.5m), Kansas, Clarke
- 167 NAD83 (CA NTV2 NTV2_0 <±0.5m), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Canada Prince Edward Island (CA-PE)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 416 CA MTM zone 3 Transverse Mercator coordinates
- 435 CA Prince Edward Isl. NAD83 Stereographic coord.

- 436 CA Prince Edward Isl. ATS77 Stereographic coord.
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 791 NAD83(CSRS)v7 (US+CA), geocentric, GRS80
- 790 NAD83(CSRS)v6 (US+CA), geocentric, GRS80
- 79 ATS77 (CA-NS+PE <±1m KilletSoft), geocentric, ATS77
- 74 NAD27 (CA-NL+PE+NS+NB+QC <±6m), Kansas, Clarke
- 73 NAD27 (US+CA <±15m), Kansas, Clarke
- 432 ATS77 (CA-PE NTv2 PE7783v2), geocentric, ATS77
- 433 NAD83(CSRS98) (CA-PE NTv2 PE7783v2), geoc., GRS80
- 166 NAD27 (CA NTv2 NTV2_0 <±0.5m), Kansas, Clarke
- 167 NAD83 (CA NTv2 NTV2_0 <±0.5m), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Canada Quebec (CA-QC)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 414 CA MTM Quebec zone 2 Transverse Mercator coord.
- 416 CA MTM zone 3 Transverse Mercator coordinates
- 417 CA MTM zone 4 Transverse Mercator coordinates
- 419 CA MTM zone 5 Transverse Mercator coordinates
- 421 CA MTM zone 6 Transverse Mercator coordinates
- 422 CA MTM zone 7 Transverse Mercator coordinates
- 423 CA MTM zone 8 Transverse Mercator coordinates
- 424 CA MTM zone 9 Transverse Mercator coordinates
- 425 CA MTM zone 10 Transverse Mercator coordinates
- 670 CA MTQ Quebec Lambert (70.0W) coordinates
- 437 CA Quebec Lambert (68.5W) coordinates
- 1006 CA Quebec) Albers Equal Area coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 791 NAD83(CSRS)v7 (US+CA), geocentric, GRS80
- 790 NAD83(CSRS)v6 (US+CA), geocentric, GRS80
- 74 NAD27 (CA-NL+PE+NS+NB+QC <±6m), Kansas, Clarke
- 73 NAD27 (US+CA <±15m), Kansas, Clarke
- 360 NAD27 (CA-QC+NL NTv2 NA27NA83/QUE27-83), Kansas, Clarke
- 361 NAD83 (CA-QC+NL NTv2 NA27NA83/QUE27-83), geocentric, GRS80
- 362 NAD27 (CA-QC+NL NTv2 NA27SCRS/QUE27-98), Kansas, Clarke
- 363 NAD83(SCRS) (CA-QC+NL NTv2 NA27SCRS/QUE27-98), geoc., GRS80
- 364 NAD27(CGQ77) (CA-QC+NL NTv2 CQ77NA83/CGQ77-83), Kan., Clarke
- 365 NAD83 (CA-QC+NL NTv2 CQ77NA83/CGQ77-83), geocentric, GRS80

366 NAD27(CGQ77) (CA-QC+NL NTv2 CQ77SCRS/CGQ77-98), Kan., Clarke
367 NAD83(SCRS) (CA-QC+NL NTv2 CQ77SCRS/CGQ77-98), geoc., GRS80
368 NAD83 (CA-QC+NL NTv2 NA83SCRS/NAD83-98), geoc., GRS80
369 NAD83(SCRS) (CA-QC+NL NTv2 NA83SCRS/NAD83-98), geoc., GRS80
166 NAD27 (CA NTv2 NTV2_0 <±0.5m), Kansas, Clarke
167 NAD83 (CA NTv2 NTV2_0 <±0.5m), geocentric, GRS80
10 WGS84 (Worldwide GPS), geocentric, WGS84
11 WGS72 (Worldwide), geocentric, WGS72
208 Source Reference System in an arbitrary NTv2 file
209 Target Reference System in an arbitrary NTv2 file

Canada Saskatchewan (CA-SK)

Coordinate Systems

3 UTM coordinates (northern hemisphere)
6 Geographic coordinates (Greenwich) [deg]
32 Geographic coordinates (Greenwich) [deg,min]
1 Geographic coordinates (Greenwich) [deg,min,sec]
500 Cartesian coordinates

Reference Systems

370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
72 NAD83 (US+CA =WGS84=), geocentric, GRS80
791 NAD83(CSRS)v7 (US+CA), geocentric, GRS80
790 NAD83(CSRS)v6 (US+CA), geocentric, GRS80
75 NAD27 (CA-NT+NU+SK <±5m), Kansas, Clarke
73 NAD27 (US+CA <±15m), Kansas, Clarke
420 NAD27 (CA-SK NTv2 SK27-83), Kansas, Clarke
421 NAD83 (CA-SK NTv2 SK27-83), geocentric, GRS80
422 NAD27 (CA-SK NTv2 SK27-98), Kansas, Clarke
423 NAD83(CSRS98) (CA-SK NTv2 SK27-98), geocentric, GRS80
424 NAD83 (CA-SK NTv2 SK83-98), geocentric, GRS80
425 NAD83(CSRS98) (CA-SK NTv2 SK83-98), geocentric, GRS80
166 NAD27 (CA NTv2 NTV2_0 <±0.5m), Kansas, Clarke
167 NAD83 (CA NTv2 NTV2_0 <±0.5m), geocentric, GRS80
10 WGS84 (Worldwide GPS), geocentric, WGS84
11 WGS72 (Worldwide), geocentric, WGS72
208 Source Reference System in an arbitrary NTv2 file
209 Target Reference System in an arbitrary NTv2 file

Canada Yukon (CA-YT)

Coordinate Systems

3 UTM coordinates (northern hemisphere)
711 CA Yukon (YT) Albers coordinates
6 Geographic coordinates (Greenwich) [deg]
32 Geographic coordinates (Greenwich) [deg,min]
1 Geographic coordinates (Greenwich) [deg,min,sec]
500 Cartesian coordinates

Reference Systems

370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
72 NAD83 (US+CA =WGS84=), geocentric, GRS80
791 NAD83(CSRS)v7 (US+CA), geocentric, GRS80
790 NAD83(CSRS)v6 (US+CA), geocentric, GRS80
78 NAD27 (CA-YT <±8m), Kansas, Clarke
73 NAD27 (US+CA <±15m), Kansas, Clarke
166 NAD27 (CA NTv2 NTV2_0 <±0.5m), Kansas, Clarke

- 167 NAD83 (CA NTV2 NTV2_0 <±0.5m), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Canada Multinational Coordinate Systems

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 714 Canada Statistics Lambert coordinates
- 715 Canada Atlas Lambert coordinates
- 572 Canada Albers Equal Area Conic coordinates
- 567 North America Albers Equal Area coordinates
- 413 CA MTM zone 1 Transverse Mercator coordinates
- 415 CA MTM zone 2 Transverse Mercator coordinates
- 416 CA MTM zone 3 Transverse Mercator coordinates
- 417 CA MTM zone 4 Transverse Mercator coordinates
- 419 CA MTM zone 5 Transverse Mercator coordinates
- 421 CA MTM zone 6 Transverse Mercator coordinates
- 422 CA MTM zone 7 Transverse Mercator coordinates
- 423 CA MTM zone 8 Transverse Mercator coordinates
- 424 CA MTM zone 9 Transverse Mercator coordinates
- 425 CA MTM zone 10 Transverse Mercator coordinates
- 426 CA MTM zone 11 Transverse Mercator coordinates
- 427 CA MTM zone 12 Transverse Mercator coordinates
- 428 CA MTM zone 13 Transverse Mercator coordinates
- 429 CA MTM zone 14 Transverse Mercator coordinates
- 430 CA MTM zone 15 Transverse Mercator coordinates
- 431 CA MTM zone 16 Transverse Mercator coordinates
- 432 CA MTM zone 17 Transverse Mercator coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 166 NAD27 (CA NTV2 NTV2_0 <±0.5m), Kansas, Clarke
- 167 NAD83 (CA NTV2 NTV2_0 <±0.5m), geocentric, GRS80
- 791 NAD83(CSRs)v7 (US+CA), geocentric, GRS80
- 790 NAD83(CSRs)v6 (US+CA), geocentric, GRS80
- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 451 NAD83 (US+CA =ITRS86=), geocentric, GRS80
- 73 NAD27 (US+CA <±15m), Kansas, Clarke
- 74 NAD27 (CA-NL+PE+NS+NB+QC <±6m), Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

French Saint-Pierre and Miquelon (FX)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 34 Geographic coordinates (Greenwich) [gon]
- 6 Geographic coordinates (Greenwich) [deg]

- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates
- Reference Systems
- 149 RGSPM06 (FX), geocentric, GRS80
- 150 SPM1950 (FX), astron., Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

GPS Measurements - ITRS epochs

Coordinate Systems

- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 3 UTM coordinates (northern hemisphere)
- 500 Cartesian coordinates

Reference Systems

- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 451 NAD83 (US+CA =ITRS86=), geocentric, GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 791 NAD83(CSRS)v7 (US+CA), geocentric, GRS80
- 790 NAD83(CSRS)v6 (US+CA), geocentric, GRS80
- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 371 NAD83(NSRS/CSRS) (US+CA ITRS epoch 1988), GRS80
- 372 ITRS24 (US+CA GPS measurements in license year 2024), WGS84
- 373 ITRS88 (US+CA GPS measurements epoch 1988), WGS84
- 374 ITRS89 (US+CA GPS measurements epoch 1989), WGS84
- 375 ITRS90 (US+CA GPS measurements epoch 1990), WGS84
- 376 ITRS91 (US+CA GPS measurements epoch 1991), WGS84
- 377 ITRS92 (US+CA GPS measurements epoch 1992), WGS84
- 378 ITRS93 (US+CA GPS measurements epoch 1993), WGS84
- 379 ITRS94 (US+CA GPS measurements epoch 1994), WGS84
- 380 ITRS95 (US+CA GPS measurements epoch 1995), WGS84
- 381 ITRS96 (US+CA GPS measurements epoch 1996), WGS84
- 382 ITRS97 (US+CA GPS measurements epoch 1997), WGS84
- 383 ITRS98 (US+CA GPS measurements epoch 1998), WGS84
- 384 ITRS99 (US+CA GPS measurements epoch 1999), WGS84
- 385 ITRS00 (US+CA GPS measurements epoch 2000), WGS84
- 386 ITRS01 (US+CA GPS measurements epoch 2001), WGS84
- 387 ITRS02 (US+CA GPS measurements epoch 2002), WGS84
- 388 ITRS03 (US+CA GPS measurements epoch 2003), WGS84
- 389 ITRS04 (US+CA GPS measurements epoch 2004), WGS84
- 390 ITRS05 (US+CA GPS measurements epoch 2005), WGS84
- 391 ITRS06 (US+CA GPS measurements epoch 2006), WGS84
- 392 ITRS07 (US+CA GPS measurements epoch 2007), WGS84
- 393 ITRS08 (US+CA GPS measurements epoch 2008), WGS84
- 394 ITRS09 (US+CA GPS measurements epoch 2009), WGS84
- 395 ITRS10 (US+CA GPS measurements epoch 2010), WGS84
- 396 ITRS11 (US+CA GPS measurements epoch 2011), WGS84
- 397 ITRS12 (US+CA GPS measurements epoch 2012), WGS84

398 ITRS13 (US+CA GPS measurements epoch 2013), WGS84
399 ITRS14 (US+CA GPS measurements epoch 2014), WGS84
606 ITRS15 (US+CA GPS measurements epoch 2015), WGS84
607 ITRS16 (US+CA GPS measurements epoch 2016), WGS84
632 ITRS17 (US+CA GPS measurements epoch 2017), WGS84
649 ITRS18 (US+CA GPS measurements epoch 2018), WGS84
698 ITRS19 (US+CA GPS measurements epoch 2019), WGS84
699 ITRS20 (US+CA GPS measurements epoch 2020), WGS84
732 ITRS21 (US+CA GPS measurements epoch 2021), WGS84
733 ITRS22 (US+CA GPS measurements epoch 2022), WGS84
741 ITRS23 (US+CA GPS measurements epoch 2023), WGS84
798 ITRS24 (US+CA GPS measurements epoch 2024), WGS84
799 ITRS25 (US+CA GPS measurements epoch 2025), WGS84
10 WGS84 (Worldwide GPS), geocentric, WGS84
208 Source Reference System in an arbitrary NTV2 file
209 Target Reference System in an arbitrary NTV2 file

USA Alabama (US-AL)

Coordinate Systems

159 US-SPCS 1983 (101) Alabama east Mercator coord.
161 US-SPCS 1983 (102) Alabama west Mercator coord.
160 US-SPCS 1927 (101) Alabama east Mercator coord.
162 US-SPCS 1927 (102) Alabama west Mercator coord.
3 UTM coordinates (northern hemisphere)
6 Geographic coordinates (Greenwich) [deg]
32 Geographic coordinates (Greenwich) [deg,min]
1 Geographic coordinates (Greenwich) [deg,min,sec]
500 Cartesian coordinates

Reference Systems

370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
446 NAD83(NSRS 2007) (US), geocentric, GRS80
447 NAD83(NSRS 2011) (US), geocentric, GRS80
72 NAD83 (US+CA =WGS84=), geocentric, GRS80
452 NAD83(HARN) (US-AL NTV2 ALHPGN ± 0.1 m), geocentric, GRS80
453 NAD83 (US-AL NTV2 ALHPGN ± 0.1 m), geocentric, GRS80
66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
68 NAD27 (US east), Meade's Ranch Kansas, Clarke
10 WGS84 (Worldwide GPS), geocentric, WGS84
11 WGS72 (Worldwide), geocentric, WGS72
208 Source Reference System in an arbitrary NTV2 file
209 Target Reference System in an arbitrary NTV2 file

USA Alaska (US-AK)

Coordinate Systems

3 UTM coordinates (northern hemisphere)
442 US-SPCS 1983 (5001) Alaska 1 Hotine Oblique Merc.
163 US-SPCS 1983 (5002) Alaska 2 Transv. Mercator coord.
165 US-SPCS 1983 (5003) Alaska 3 Transv. Mercator coord.
167 US-SPCS 1983 (5004) Alaska 4 Transv. Mercator coord.
169 US-SPCS 1983 (5005) Alaska 5 Transv. Mercator coord.
171 US-SPCS 1983 (5006) Alaska 6 Transv. Mercator coord.
173 US-SPCS 1983 (5007) Alaska 7 Transv. Mercator coord.
175 US-SPCS 1983 (5008) Alaska 8 Transv. Mercator coord.
177 US-SPCS 1983 (5009) Alaska 9 Transv. Mercator coord.

- 179 US-SPCS 1983 (5010) Alaska 10 Lambert coordinates
- 443 US-SPCS 1927 (5001) Alaska 1 Hotine Oblique Merc.
- 164 US-SPCS 1927 (5002) Alaska 2 Transv. Mercator coord.
- 166 US-SPCS 1927 (5003) Alaska 3 Transv. Mercator coord.
- 168 US-SPCS 1927 (5004) Alaska 4 Transv. Mercator coord.
- 170 US-SPCS 1927 (5005) Alaska 5 Transv. Mercator coord.
- 172 US-SPCS 1927 (5006) Alaska 6 Transv. Mercator coord.
- 174 US-SPCS 1927 (5007) Alaska 7 Transv. Mercator coord.
- 176 US-SPCS 1927 (5008) Alaska 8 Transv. Mercator coord.
- 178 US-SPCS 1927 (5009) Alaska 9 Transv. Mercator coord.
- 180 US-SPCS 1927 (5010) Alaska 10 Lambert coordinates

- 571 Alaska Albers Equal Area Conic coordinates
 - 6 Geographic coordinates (Greenwich) [deg]
 - 32 Geographic coordinates (Greenwich) [deg,min]
 - 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 69 NAD27 (US-AK), Meade's Ranch Kansas, Clarke
- 70 NAD27 (US-AK Aleutian east), Kansas, Clarke
- 71 NAD27 (US-AK Aleutian west), Kansas, Clarke
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

USA American Samoa (US-AS)

Coordinate Systems

- 181 US-SPCS 1927 (5300) American Samoa Lambert coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 80 American Samoa 1962 (US-AS), Samoa, Clarke
- 448 NAD83(NSRS PA11) (US), geocentric, GRS80
- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 454 NAD83(HARN) (US-AS[east] NTV2 ESHPGN ± 0.1 m), geocent., GRS80
- 455 NAD83 (US-AS[east] NTV2 ESHPGN ± 0.1 m), geocentric, GRS80
- 456 NAD83(HARN) (US-AS[west] NTV2 WSHPGN ± 0.1 m), geocent., GRS80
- 457 NAD83 (US-AS[west] NTV2 WSHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

USA Arizona (US-AZ)

Coordinate Systems

- 182 US-SPCS 1983 (202) Arizona central Mercator coord.
- 184 US-SPCS 1983 (201) Arizona east Mercator coord.
- 186 US-SPCS 1983 (203) Arizona west Mercator coord.
- 183 US-SPCS 1927 (202) Arizona central Mercator coord.
- 185 US-SPCS 1927 (201) Arizona east Mercator coord.
- 187 US-SPCS 1927 (203) Arizona west Mercator coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 458 NAD83(HARN) (US-AZ NTv2 AZHPGN ± 0.1 m), geocentric, GRS80
- 459 NAD83 (US-AZ NTv2 AZHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Arkansas (US-AR)

Coordinate Systems

- 188 US-SPCS 1983 (301) Arkansas north Lambert coord.
- 190 US-SPCS 1983 (302) Arkansas south Lambert coord.
- 189 US-SPCS 1927 (301) Arkansas north Lambert coord.
- 191 US-SPCS 1927 (302) Arkansas south Lambert coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 460 NAD83(HARN) (US-AR NTv2 ARHPGN ± 0.1 m), geocentric, GRS80
- 461 NAD83 (US-AR NTv2 ARHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA California (US-CA)

Coordinate Systems

- 192 US-SPCS 1983 (401) California zone 1 Lambert coord.
- 194 US-SPCS 1983 (402) California zone 2 Lambert coord.
- 196 US-SPCS 1983 (403) California zone 3 Lambert coord.
- 198 US-SPCS 1983 (404) California zone 4 Lambert coord.
- 200 US-SPCS 1983 (405) California zone 5 Lambert coord.
- 202 US-SPCS 1983 (406) California zone 6 Lambert coord.
- 193 US-SPCS 1927 (401) California Zone I Lambert coord.
- 195 US-SPCS 1927 (402) California zone II Lambert coord.
- 197 US-SPCS 1927 (403) California zone III Lambert coord.
- 199 US-SPCS 1927 (404) California zone IV Lambert coord.
- 201 US-SPCS 1927 (405) California zone V Lambert coord.
- 203 US-SPCS 1927 (406) California zone VI Lambert coord.
- 204 US-SPCS 1927 (407) California zone VII Lambert coord.
- 720 US California Albers Equal Area coordinates
 - 3 UTM coordinates (northern hemisphere)
 - 6 Geographic coordinates (Greenwich) [deg]
 - 32 Geographic coordinates (Greenwich) [deg,min]
 - 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 462 NAD83(HARN) (US-CA[north] NTv2 CNHPGN ± 0.1 m), geoc., GRS80
- 463 NAD83 (US-CA[north] NTv2 CNHPGN ± 0.1 m), geocentric, GRS80
- 464 NAD83(HARN) (US-CA[south] NTv2 CSHPGN ± 0.1 m), geoc., GRS80
- 465 NAD83 (US-CA[south] NTv2 CSHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Colorado (US-CO)

Coordinate Systems

- 205 US-SPCS 1983 (502) Colorado central Lambert coord.
- 207 US-SPCS 1983 (501) Colorado north Lambert coord.
- 209 US-SPCS 1983 (503) Colorado south Lambert coord.
- 206 US-SPCS 1927 (502) Colorado central Lambert coord.
- 208 US-SPCS 1927 (501) Colorado north Lambert coord.
- 210 US-SPCS 1927 (503) Colorado south Lambert coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80

- 466 NAD83(HARN) (US-CO NTv2 COHPGN ±0.1m), geocentric, GRS80
- 467 NAD83 (US-CO NTv2 COHPGN ±0.1m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Connecticut (US-CT)

Coordinate Systems

- 211 US-SPCS 1983 (600) Connecticut Lambert coordinates
- 212 US-SPCS 1927 (600) Connecticut Lambert coordinates
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 508 NAD83(HARN) (US-CT,MA,RI,NH,VT NTv2 NEHPGN ±0.1m), gc, GRS80
- 509 NAD83 (US-CT,MA,RI,NH,VT NTv2 NEHPGN ±0.1m), geoc., GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Delaware (US-DE)

Coordinate Systems

- 213 US-SPCS 1983 (700) Delaware Transv. Mercator coord.
- 214 US-SPCS 1927 (700) Delaware Transv. Mercator coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 494 NAD83(HARN) (US-MD,DE NTv2 MDHPGN ±0.1m), geocentric, GRS80
- 495 NAD83 (US-MD,DE NTv2 MDHPGN ±0.1m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Florida (US-FL)

Coordinate Systems

- 215 US-SPCS 1983 (901) Florida east Mercator coord.
- 217 US-SPCS 1983 (903) Florida north Lambert coord.
- 219 US-SPCS 1983 (902) Florida west Mercator coord.
- 216 US-SPCS 1927 (901) Florida east Mercator coord.
- 218 US-SPCS 1927 (903) Florida north Lambert coord.
- 220 US-SPCS 1927 (902) Florida west Mercator coord.
- 721 US Florida GDL Albers Equal Area coordinates
 - 3 UTM coordinates (northern hemisphere)
 - 6 Geographic coordinates (Greenwich) [deg]
 - 32 Geographic coordinates (Greenwich) [deg,min]
 - 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 468 NAD83(HARN) (US-FL NTv2 FLHPGN ± 0.1 m), geocentric, GRS80
- 469 NAD83 (US-FL NTv2 FLHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Georgia (US-GA)

Coordinate Systems

- 221 US-SPCS 1983 (1001) Georgia east Mercator coord.
- 223 US-SPCS 1983 (1002) Georgia west Mercator coord.
- 222 US-SPCS 1927 (1001) Georgia east Mercator coord.
- 224 US-SPCS 1927 (1002) Georgia west Mercator coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 470 NAD83(HARN) (US-GA NTv2 GAHPGN ± 0.1 m), geocentric, GRS80
- 471 NAD83 (US-GA NTv2 GAHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Hawaii (US-HI)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 225 US-SPCS 1983 (5101) Hawaii 1 Transv. Mercator coord.
- 227 US-SPCS 1983 (5102) Hawaii 2 Transv. Mercator coord.
- 229 US-SPCS 1983 (5103) Hawaii 3 Transv. Mercator coord.
- 231 US-SPCS 1983 (5104) Hawaii 4 Transv. Mercator coord.
- 233 US-SPCS 1983 (5105) Hawaii 5 Transv. Mercator coord.
- 226 US-SPCS 1927 (5101) Hawaii 1 Transv. Mercator coord.
- 228 US-SPCS 1927 (5102) Hawaii 2 Transv. Mercator coord.
- 230 US-SPCS 1927 (5103) Hawaii 3 Transv. Mercator coord.
- 232 US-SPCS 1927 (5104) Hawaii 4 Transv. Mercator coord.
- 234 US-SPCS 1927 (5105) Hawaii 5 Transv. Mercator coord.
- 570 Hawaii Albers Equal Area Conic coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 448 NAD83(NSRS PA11) (US), geocentric, GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 474 NAD83(HARN) (US-HI NTV2 HIHPGN ± 0.1 m), geocentric, GRS80
- 475 NAD83 (US-HI NTV2 HIHPGN ± 0.1 m), geocentric, GRS80
- 82 Old Hawaiian mean (US-HI), Oahu, Clarke
- 450 Tern Isl. 1961 (US-HI $\leq \pm 25$ m), Sorol Atoll, Hayford/Int.
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

USA Idaho (US-ID)

Coordinate Systems

- 235 US-SPCS 1983 (1102) Idaho central Mercator coord.
- 237 US-SPCS 1983 (1101) Idaho east Transv. Mercator
- 236 US-SPCS 1927 (1102) Idaho central Mercator coord.
- 238 US-SPCS 1927 (1101) Idaho east Transv. Mercator
- 239 US-SPCS 1983 (1103) Idaho west Transv. Mercator
- 240 US-SPCS 1927 (1103) Idaho west Transv. Mercator
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 476 NAD83(HARN) (US-ID,MT[*east*] NTV2 EMHPGN ± 0.1 m), geoc., GRS80

- 477 NAD83 (US-ID,MT[east] NTv2 EMHPGN ±0.1m), geocentric, GRS80
- 478 NAD83(HARN) (US-ID,MT[west] NTv2 WMHPGN ±0.1m), geoc., GRS80
- 479 NAD83 (US-ID,MT[west] NTv2 WMHPGN ±0.1m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Illinois (US-IL)

Coordinate Systems

- 241 US-SPCS 1983 (1201) Illinois east Mercator coord.
- 243 US-SPCS 1983 (1202) Illinois west Mercator coord.
- 242 US-SPCS 1927 (1201) Illinois east Mercator coord.
- 244 US-SPCS 1927 (1202) Illinois west Mercator coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 480 NAD83(HARN) (US-IL NTv2 ILHPGN ±0.1m), geocentric, GRS80
- 481 NAD83 (US-IL NTv2 ILHPGN ±0.1m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Indiana (US-IN)

Coordinate Systems

- 245 US-SPCS 1983 (1301) Indiana east Mercator coord.
- 247 US-SPCS 1983 (1302) Indiana west Mercator coord.
- 246 US-SPCS 1927 (1301) Indiana east Mercator coord.
- 248 US-SPCS 1927 (1302) Indiana west Mercator coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 482 NAD83(HARN) (US-IN NTv2 INHPGN ±0.1m), geocentric, GRS80
- 483 NAD83 (US-IN NTv2 INHPGN ±0.1m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke

- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

USA Iowa (US-IA)

Coordinate Systems

- 249 US-SPCS 1983 (1401) Iowa north Lambert coordinates
- 251 US-SPCS 1983 (1402) Iowa south Lambert coordinates
- 250 US-SPCS 1927 (1401) Iowa north Lambert coordinates
- 252 US-SPCS 1927 (1402) Iowa south Lambert coordinates
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 484 NAD83(HARN) (US-IA NTV2 IAHPGN ± 0.1 m), geocentric, GRS80
- 485 NAD83 (US-IA NTV2 IAHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

USA Kansas (US-KS)

Coordinate Systems

- 253 US-SPCS 1983 (1501) Kansas north Lambert coord.
- 255 US-SPCS 1983 (1502) Kansas south Lambert coord.
- 254 US-SPCS 1927 (1501) Kansas north Lambert coord.
- 256 US-SPCS 1927 (1502) Kansas south Lambert coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 486 NAD83(HARN) (US-KS NTV2 KSHPGN ± 0.1 m), geocentric, GRS80
- 487 NAD83 (US-KS NTV2 KSHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file

209 Target Reference System in an arbitrary NTv2 file

USA Kentucky (US-KY)

Coordinate Systems

- 723 US-SPCS 1983 Kentucky Single Zone Lambert coord.
- 257 US-SPCS 1983 (1601) Kentucky north Lambert coord.
- 259 US-SPCS 1983 (1602) Kentucky south Lambert coord.
- 258 US-SPCS 1927 (1601) Kentucky north Lambert coord.
- 260 US-SPCS 1927 (1602) Kentucky south Lambert coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 488 NAD83(HARN) (US-KY NTv2 KYHPGN $\pm 0.1m$), geocentric, GRS80
- 489 NAD83 (US-KY NTv2 KYHPGN $\pm 0.1m$), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Louisiana (US-LA)

Coordinate Systems

- 261 US-SPCS 1983 (1701) Louisiana north Lambert coord.
- 263 US-SPCS 1983 (1703) Louisiana offshore Lambert coord.
- 265 US-SPCS 1983 (1702) Louisiana south Lambert coord.
- 262 US-SPCS 1927 (1701) Louisiana north Lambert coord.
- 264 US-SPCS 1927 (1703) Louisiana offshore Lambert coord.
- 266 US-SPCS 1927 (1702) Louisiana south Lambert coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 490 NAD83(HARN) (US-LA NTv2 LAHPGN $\pm 0.1m$), geocentric, GRS80
- 491 NAD83 (US-LA NTv2 LAHPGN $\pm 0.1m$), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Maine (US-ME)

Coordinate Systems

- 267 US-SPCS 1983 (1801) Maine east Transv. Mercator
- 269 US-SPCS 1983 (1802) Maine west Transv. Mercator
- 268 US-SPCS 1927 (1801) Maine east Transv. Mercator
- 270 US-SPCS 1927 (1802) Maine west Transv. Mercator
- 724 US-SPCS 1983 Maine CS2000 East Transv. Mercator
- 725 US-SPCS 1983 Maine CS2000 Central Transv. Mercator
- 726 US-SPCS 1983 Maine CS2000 West Transv. Mercator
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 492 NAD83(HARN) (US-ME NTv2 MEHPGN ± 0.1 m), geocentric, GRS80
- 493 NAD83 (US-ME NTv2 MEHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Maryland (US-MD)

Coordinate Systems

- 271 US-SPCS 1983 (1900) Maryland Lambert coordinates
- 272 US-SPCS 1927 (1900) Maryland Lambert coordinates
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 494 NAD83(HARN) (US-MD,DE NTv2 MDHPGN ± 0.1 m), geocentric, GRS80
- 495 NAD83 (US-MD,DE NTv2 MDHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Massachusetts (US-MA)

Coordinate Systems

- 273 US-SPCS 1983 (2002) Massachusetts island Lambert
- 275 US-SPCS 1983 (2001) Massachusetts mainland Lambert
- 274 US-SPCS 1927 (2002) Massachusetts island Lambert
- 276 US-SPCS 1927 (2001) Massachusetts mainland Lambert
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates
- Reference Systems
- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 508 NAD83(HARN) (US-CT,MA,RI,NH,VT NTv2 NEHPGN ±0.1m), gc, GRS80
- 509 NAD83 (US-CT,MA,RI,NH,VT NTv2 NEHPGN ±0.1m), geoc., GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Michigan (US-MI)

Coordinate Systems

- 727 US-SPCS 1983 Michigan Oblique Mercator coordinates
- 281 US-SPCS 1983 (2111) Michigan north Lambert coord.
- 277 US-SPCS 1983 (2112) Michigan central Lambert coord.
- 283 US-SPCS 1983 (2113) Michigan south Lambert coord.
- 282 US-SPCS 1927 (2111) Michigan north Lambert coord.
- 278 US-SPCS 1927 (2112) Michigan central Lambert coord.
- 284 US-SPCS 1927 (2113) Michigan south Lambert coord.
- 280 US-SPCS 1927 (2101) Michigan east Mercator coord.
- 279 US-SPCS 1927 (2102) Michigan central Mercator coord.
- 285 US-SPCS 1927 (2103) Michigan west Mercator coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 496 NAD83(HARN) (US-MI NTv2 MIHPGN ±0.1m), geocentric, GRS80
- 497 NAD83 (US-MI NTv2 MIHPGN ±0.1m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Minnesota (US-MN) - General

Coordinate Systems

- 286 US-SPCS 1983 (2202) Minnesota central Lambert coord.
- 288 US-SPCS 1983 (2201) Minnesota north Lambert coord.
- 290 US-SPCS 1983 (2203) Minnesota south Lambert coord.
- 287 US-SPCS 1927 (2202) Minnesota central Lambert coord.
- 289 US-SPCS 1927 (2201) Minnesota north Lambert coord.
- 291 US-SPCS 1927 (2203) Minnesota south Lambert coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 498 NAD83(HARN) (US-MN NTV2 MNHPGN ± 0.1 m), geocentric, GRS80
- 499 NAD83 (US-MN NTV2 MNHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

USA Minnesota (US-MN) - Counties

Coordinate Systems

- 858 Minnesota County Aitkin Transverse Mercator coordinates
- 772 Minnesota County Anoka Lambert coordinates
- 773 Minnesota County Becker Lambert coordinates
- 774 Minnesota County Beltrami/North Lambert coordinates
- 775 Minnesota County Beltrami/South Lambert coordinates
- 776 Minnesota County Benton Lambert coordinates
- 777 Minnesota County Big Stone Lambert coordinates
- 778 Minnesota County Blue Earth Lambert coordinates
- 779 Minnesota County Brown Lambert coordinates
- 780 Minnesota County Carlton Lambert coordinates
- 781 Minnesota County Carver Lambert coordinates
- 782 Minnesota County Cass/North Lambert coordinates
- 783 Minnesota County Cass/South Lambert coordinates
- 784 Minnesota County Chippewa Lambert coordinates
- 785 Minnesota County Chisago Lambert coordinates
- 859 Minnesota County Clay Transverse Mercator coordinates
- 860 Minnesota County Clearwater Transverse Mercator coordinates
- 786 Minnesota County Cook/North Lambert coordinates
- 787 Minnesota County Cook/South Lambert coordinates
- 788 Minnesota County Cottonwood Lambert coordinates
- 789 Minnesota County Crow Wing Lambert coordinates
- 790 Minnesota County Dakota Lambert coordinates
- 791 Minnesota County Dodge Lambert coordinates
- 792 Minnesota County Douglas Lambert coordinates
- 793 Minnesota County Faribault Lambert coordinates

794 Minnesota County Fillmore Lambert coordinates
795 Minnesota County Freeborn Lambert coordinates
796 Minnesota County Goodhue Lambert coordinates
797 Minnesota County Grant Lambert coordinates
798 Minnesota County Hennepin Lambert coordinates
799 Minnesota County Houston Lambert coordinates
861 Minnesota County Hubbard Transverse Mercator coordinates
800 Minnesota County Isanti Lambert coordinates
801 Minnesota County Itasca/North Lambert coordinates
802 Minnesota County Itasca/South Lambert coordinates
803 Minnesota County Jackson Lambert coordinates
804 Minnesota County Kanabec Lambert coordinates
805 Minnesota County Kandiyohi Lambert coordinates
806 Minnesota County Kittson Lambert coordinates
807 Minnesota County Koochiching Lambert coordinates
808 Minnesota County Lac Qui Parle Lambert coordinates
862 Minnesota County Lake Transverse Mercator coordinates
809 Minnesota County Lake of the Woods/North Lambert coordinates
810 Minnesota County Lake of the Woods/South Lambert coordinates
811 Minnesota County Le Sueur Lambert coordinates
812 Minnesota County Lincoln Lambert coordinates
813 Minnesota County Lyon Lambert coordinates
814 Minnesota County Mahnomen Lambert coordinates
815 Minnesota County Marshall Lambert coordinates
816 Minnesota County Martin Lambert coordinates
817 Minnesota County McLeod Lambert coordinates
818 Minnesota County Meeker Lambert coordinates
863 Minnesota County Mille Lacs Transverse Mercator coordinates
819 Minnesota County Morrison Lambert coordinates
820 Minnesota County Mower Lambert coordinates
821 Minnesota County Murray Lambert coordinates
822 Minnesota County Nicollet Lambert coordinates
823 Minnesota County Nobles Lambert coordinates
824 Minnesota County Norman Lambert coordinates
825 Minnesota County Olmsted Lambert coordinates
826 Minnesota County Otter Tail Lambert coordinates
827 Minnesota County Pennington Lambert coordinates
828 Minnesota County Pine Lambert coordinates
829 Minnesota County Pipestone Lambert coordinates
830 Minnesota County Polk Lambert coordinates
831 Minnesota County Pope Lambert coordinates
832 Minnesota County Ramsey Lambert coordinates
833 Minnesota County Red Lake Lambert coordinates
834 Minnesota County Redwood Lambert coordinates
835 Minnesota County Renville Lambert coordinates
836 Minnesota County Rice Lambert coordinates
837 Minnesota County Rock Lambert coordinates
838 Minnesota County Roseau Lambert coordinates
839 Minnesota County Scott Lambert coordinates
840 Minnesota County Sherburne Lambert coordinates
841 Minnesota County Sibley Lambert coordinates
842 Minnesota County St. Louis/Central Lambert coordinates
843 Minnesota County St. Louis/North Lambert coordinates
844 Minnesota County St. Louis/South Lambert coordinates

- 845 Minnesota County Stearns Lambert coordinates
- 846 Minnesota County Steele Lambert coordinates
- 847 Minnesota County Stevens Lambert coordinates
- 848 Minnesota County Swift Lambert coordinates
- 849 Minnesota County Todd Lambert coordinates
- 850 Minnesota County Traverse Lambert coordinates
- 851 Minnesota County Wabasha Lambert coordinates
- 852 Minnesota County Wadena Lambert coordinates
- 853 Minnesota County Waseca Lambert coordinates
- 864 Minnesota County Washington Transverse Mercator coordinates
- 854 Minnesota County Watonwan Lambert coordinates
- 865 Minnesota County Wilkin Transverse Mercator coordinates
- 855 Minnesota County Winona Lambert coordinates
- 856 Minnesota County Wright Lambert coordinates
- 857 Minnesota County Yellow Medicine Lambert coordinates

- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 498 NAD83(HARN) (US-MN NTv2 MNHPGN ± 0.1 m), geocentric, GRS80
- 499 NAD83 (US-MN NTv2 MNHPGN ± 0.1 m), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Mississippi (US-MS)

Coordinate Systems

- 728 US-SPCS 1983 Mississippi Transverse Mercator
- 292 US-SPCS 1983 (2301) Mississippi east Mercator coord.
- 294 US-SPCS 1983 (2302) Mississippi west Mercator coord.
- 293 US-SPCS 1927 (2301) Mississippi east Mercator coord.
- 295 US-SPCS 1927 (2302) Mississippi west Mercator coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 500 NAD83(HARN) (US-MS NTv2 MSHPGN ± 0.1 m), geocentric, GRS80
- 501 NAD83 (US-MS NTv2 MSHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file

209 Target Reference System in an arbitrary NTv2 file

USA Missouri (US-MO)

Coordinate Systems

- 298 US-SPCS 1983 (2401) Missouri east Mercator coord.
- 296 US-SPCS 1983 (2402) Missouri central Mercator coord.
- 300 US-SPCS 1983 (2403) Missouri west Mercator coord.
- 299 US-SPCS 1927 (2401) Missouri east Mercator coord.
- 297 US-SPCS 1927 (2402) Missouri central Mercator coord.
- 301 US-SPCS 1927 (2403) Missouri west Mercator coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 502 NAD83(HARN) (US-MO NTv2 MOHPGN ± 0.1 m), geocentric, GRS80
- 503 NAD83 (US-MO NTv2 MOHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Montana (US-MT)

Coordinate Systems

- 302 US-SPCS 1983 (2500) Montana Lambert coordinates
- 304 US-SPCS 1927 (2501) Montana north Lambert coord.
- 303 US-SPCS 1927 (2502) Montana central Lambert coord.
- 305 US-SPCS 1927 (2503) Montana south Lambert coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 476 NAD83(HARN) (US-ID,MT[east] NTv2 EMHPGN ± 0.1 m), geoc., GRS80
- 477 NAD83 (US-ID,MT[east] NTv2 EMHPGN ± 0.1 m), geocentric, GRS80
- 478 NAD83(HARN) (US-ID,MT[west] NTv2 WMHPGN ± 0.1 m), geoc., GRS80
- 479 NAD83 (US-ID,MT[west] NTv2 WMHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file

209 Target Reference System in an arbitrary NTv2 file

USA Nebraska (US-NE)

Coordinate Systems

- 306 US-SPCS 1983 (2600) Nebraska Lambert coordinates
- 307 US-SPCS 1927 (2601) Nebraska north Lambert coord.
- 308 US-SPCS 1927 (2602) Nebraska south Lambert coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 504 NAD83(HARN) (US-NE NTv2 NBHPGN $\pm 0.1m$), geocentric, GRS80
- 505 NAD83 (US-NE NTv2 NBHPGN $\pm 0.1m$), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Nevada (US-NV)

Coordinate Systems

- 311 US-SPCS 1983 (2701) Nevada east Mercator coord.
- 309 US-SPCS 1983 (2702) Nevada central Mercator coord.
- 313 US-SPCS 1983 (2703) Nevada west Mercator coord.
- 312 US-SPCS 1927 (2701) Nevada east Mercator coord.
- 310 US-SPCS 1927 (2702) Nevada central Mercator coord.
- 314 US-SPCS 1927 (2703) Nevada west Mercator coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 506 NAD83(HARN) (US-NV NTv2 NVHPGN $\pm 0.1m$), geocentric, GRS80
- 507 NAD83 (US-NV NTv2 NVHPGN $\pm 0.1m$), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA New Hampshire (US-NH)

Coordinate Systems

- 315 US-SPCS 1983 (2800) New Hampshire Mercator coord.
- 316 US-SPCS 1927 (2800) New Hampshire Mercator coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 508 NAD83(HARN) (US-CT,MA,RI,NH,VT NTv2 NEHPGN $\pm 0.1\text{m}$), gc, GRS80
- 509 NAD83 (US-CT,MA,RI,NH,VT NTv2 NEHPGN $\pm 0.1\text{m}$), geoc., GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA New Jersey (US-NJ)

Coordinate Systems

- 317 US-SPCS 1983 (2900) New Jersey Transv. Mercator
- 318 US-SPCS 1927 (2900) New Jersey Transv. Mercator
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 510 NAD83(HARN) (US-NJ NTv2 NJHPGN $\pm 0.1\text{m}$), geocentric, GRS80
- 511 NAD83 (US-NJ NTv2 NJHPGN $\pm 0.1\text{m}$), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA New Mexico (US-NM)

Coordinate Systems

- 321 US-SPCS 1983 (3001) New Mexico east Mercator coord.
- 319 US-SPCS 1983 (3002) New Mexico central Mercator
- 323 US-SPCS 1983 (3003) New Mexico west Mercator coord.
- 322 US-SPCS 1927 (3001) New Mexico east Mercator coord.
- 320 US-SPCS 1927 (3002) New Mexico central Mercator
- 324 US-SPCS 1927 (3003) New Mexico west Mercator coord.
- 3 UTM coordinates (northern hemisphere)

6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
 446 NAD83(NSRS 2007) (US), geocentric, GRS80
 447 NAD83(NSRS 2011) (US), geocentric, GRS80
 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
 512 NAD83(HARN) (US-NM NTv2 NMHPGN ±0.1m), geocentric, GRS80
 513 NAD83 (US-NM NTv2 NMHPGN ±0.1m), geocentric, GRS80
 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 11 WGS72 (Worldwide), geocentric, WGS72
 208 Source Reference System in an arbitrary NTv2 file
 209 Target Reference System in an arbitrary NTv2 file

USA New York (US-NY)

Coordinate Systems

327 US-SPCS 1983 (3101) New York east Mercator coord.
 325 US-SPCS 1983 (3102) New York central Mercator coord.
 331 US-SPCS 1983 (3103) New York west Mercator coord.
 329 US-SPCS 1983 (3104) New York Long Island Lambert
 328 US-SPCS 1927 (3101) New York east Mercator coord.
 326 US-SPCS 1927 (3102) New York central Mercator coord.
 332 US-SPCS 1927 (3103) New York west Mercator coord.
 330 US-SPCS 1927 (3104) New York Long Island Lambert

3 UTM coordinates (northern hemisphere)
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
 446 NAD83(NSRS 2007) (US), geocentric, GRS80
 447 NAD83(NSRS 2011) (US), geocentric, GRS80
 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
 514 NAD83(HARN) (US-NY NTv2 NYHPGN ±0.1m), geocentric, GRS80
 515 NAD83 (US-NY NTv2 NYHPGN ±0.1m), geocentric, GRS80
 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 11 WGS72 (Worldwide), geocentric, WGS72
 208 Source Reference System in an arbitrary NTv2 file
 209 Target Reference System in an arbitrary NTv2 file

USA North Carolina (US-NC)

Coordinate Systems

333 US-SPCS 1983 (3200) North Carolina Lambert coord.
 334 US-SPCS 1927 (3200) North Carolina Lambert coord.
 3 UTM coordinates (northern hemisphere)
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]

1 Geographic coordinates (Greenwich) [deg,min,sec]
500 Cartesian coordinates

Reference Systems

370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
446 NAD83(NSRS 2007) (US), geocentric, GRS80
447 NAD83(NSRS 2011) (US), geocentric, GRS80
72 NAD83 (US+CA =WGS84=), geocentric, GRS80
516 NAD83(HARN) (US-NC NTv2 NCHPGN ±0.1m), geocentric, GRS80
517 NAD83 (US-NC NTv2 NCHPGN ±0.1m), geocentric, GRS80
66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
68 NAD27 (US east), Meade's Ranch Kansas, Clarke
10 WGS84 (Worldwide GPS), geocentric, WGS84
11 WGS72 (Worldwide), geocentric, WGS72
208 Source Reference System in an arbitrary NTv2 file
209 Target Reference System in an arbitrary NTv2 file

USA North Dakota (US-ND)

Coordinate Systems

335 US-SPCS 1983 (3301) North Dakota north Lambert coord.
337 US-SPCS 1983 (3302) North Dakota south Lambert coord.
336 US-SPCS 1927 (3301) North Dakota north Lambert coord.
338 US-SPCS 1927 (3302) North Dakota south Lambert coord.
3 UTM coordinates (northern hemisphere)
6 Geographic coordinates (Greenwich) [deg]
32 Geographic coordinates (Greenwich) [deg,min]
1 Geographic coordinates (Greenwich) [deg,min,sec]
500 Cartesian coordinates

Reference Systems

370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
446 NAD83(NSRS 2007) (US), geocentric, GRS80
447 NAD83(NSRS 2011) (US), geocentric, GRS80
72 NAD83 (US+CA =WGS84=), geocentric, GRS80
518 NAD83(HARN) (US-ND NTv2 NDHPGN ±0.1m), geocentric, GRS80
519 NAD83 (US-ND NTv2 NDHPGN ±0.1m), geocentric, GRS80
66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
67 NAD27 (US west), Meade's Ranch Kansas, Clarke
10 WGS84 (Worldwide GPS), geocentric, WGS84
11 WGS72 (Worldwide), geocentric, WGS72
208 Source Reference System in an arbitrary NTv2 file
209 Target Reference System in an arbitrary NTv2 file

USA Ohio (US-OH)

Coordinate Systems

339 US-SPCS 1983 (3401) Ohio north Lambert coordinates
341 US-SPCS 1983 (3402) Ohio south Lambert coordinates
340 US-SPCS 1927 (3401) Ohio north Lambert coordinates
342 US-SPCS 1927 (3402) Ohio south Lambert coordinates
3 UTM coordinates (northern hemisphere)
6 Geographic coordinates (Greenwich) [deg]
32 Geographic coordinates (Greenwich) [deg,min]
1 Geographic coordinates (Greenwich) [deg,min,sec]
500 Cartesian coordinates

Reference Systems

370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80

446 NAD83(NSRS 2007) (US), geocentric, GRS80
 447 NAD83(NSRS 2011) (US), geocentric, GRS80
 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
 520 NAD83(HARN) (US-OH NTv2 OHHPGN ± 0.1 m), geocentric, GRS80
 521 NAD83 (US-OH NTv2 OHHPGN ± 0.1 m), geocentric, GRS80
 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 11 WGS72 (Worldwide), geocentric, WGS72
 208 Source Reference System in an arbitrary NTv2 file
 209 Target Reference System in an arbitrary NTv2 file

USA Oklahoma (US-OK)

Coordinate Systems

343 US-SPCS 1983 (3501) Oklahoma north Lambert coord.
 345 US-SPCS 1983 (3502) Oklahoma south Lambert coord.
 344 US-SPCS 1927 (3501) Oklahoma north Lambert coord.
 346 US-SPCS 1927 (3502) Oklahoma south Lambert coord.
 3 UTM coordinates (northern hemisphere)
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
 446 NAD83(NSRS 2007) (US), geocentric, GRS80
 447 NAD83(NSRS 2011) (US), geocentric, GRS80
 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
 522 NAD83(HARN) (US-OK NTv2 OKHPGN ± 0.1 m), geocentric, GRS80
 523 NAD83 (US-OK NTv2 OKHPGN ± 0.1 m), geocentric, GRS80
 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 11 WGS72 (Worldwide), geocentric, WGS72
 208 Source Reference System in an arbitrary NTv2 file
 209 Target Reference System in an arbitrary NTv2 file

USA Oregon (US-OR)

Coordinate Systems

729 US Oregon state-wide Lambert coordinates
 347 US-SPCS 1983 (3601) Oregon north Lambert coord.
 349 US-SPCS 1983 (3602) Oregon south Lambert coord.
 348 US-SPCS 1927 (3601) Oregon north Lambert coord.
 350 US-SPCS 1927 (3602) Oregon south Lambert coord.
 3 UTM coordinates (northern hemisphere)
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
 446 NAD83(NSRS 2007) (US), geocentric, GRS80
 447 NAD83(NSRS 2011) (US), geocentric, GRS80
 72 NAD83 (US+CA =WGS84=), geocentric, GRS80

- 542 NAD83(HARN) (US-WA,OR NTv2 WOHPGN ± 0.1 m), geocentric, GRS80
- 543 NAD83 (US-WA,OR NTv2 WOHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Pennsylvania (US-PA)

Coordinate Systems

- 351 US-SPCS 1983 (3701) Pennsylvania north Lambert coord.
- 353 US-SPCS 1983 (3702) Pennsylvania south Lambert coord.
- 352 US-SPCS 1927 (3701) Pennsylvania north Lambert coord.
- 354 US-SPCS 1927 (3702) Pennsylvania south Lambert coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 524 NAD83(HARN) (US-PA NTv2 PAHPGN ± 0.1 m), geocentric, GRS80
- 525 NAD83 (US-PA NTv2 PAHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Rhode Island (US-RI)

Coordinate Systems

- 357 US-SPCS 1983 (3800) Rhode Island Mercator coord.
- 358 US-SPCS 1927 (3800) Rhode Island Mercator coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 508 NAD83(HARN) (US-CT,MA,RI,NH,VT NTv2 NEHPGN ± 0.1 m), gc, GRS80
- 509 NAD83 (US-CT,MA,RI,NH,VT NTv2 NEHPGN ± 0.1 m), geoc., GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72

- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

USA South Carolina (US-SC)

Coordinate Systems

- 359 US-SPCS 1983 (3900) South Carolina Lambert coord.
 - 360 US-SPCS 1927 (3901) South Carolina north Lambert
 - 361 US-SPCS 1927 (3902) South Carolina south Lambert
 - 3 UTM coordinates (northern hemisphere)
 - 6 Geographic coordinates (Greenwich) [deg]
 - 32 Geographic coordinates (Greenwich) [deg,min]
 - 1 Geographic coordinates (Greenwich) [deg,min,sec]
 - 500 Cartesian coordinates
- ##### Reference Systems
- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
 - 446 NAD83(NSRS 2007) (US), geocentric, GRS80
 - 447 NAD83(NSRS 2011) (US), geocentric, GRS80
 - 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
 - 528 NAD83(HARN) (US-SC NTV2 SCHPGN $\pm 0.1m$), geocentric, GRS80
 - 529 NAD83 (US-SC NTV2 SCHPGN $\pm 0.1m$), geocentric, GRS80
 - 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
 - 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
 - 10 WGS84 (Worldwide GPS), geocentric, WGS84
 - 11 WGS72 (Worldwide), geocentric, WGS72
 - 208 Source Reference System in an arbitrary NTV2 file
 - 209 Target Reference System in an arbitrary NTV2 file

USA South Dakota (US-SD)

Coordinate Systems

- 362 US-SPCS 1983 (4001) South Dakota north Lambert coord.
 - 364 US-SPCS 1983 (4002) South Dakota south Lambert coord.
 - 363 US-SPCS 1927 (4001) South Dakota north Lambert coord.
 - 365 US-SPCS 1927 (4002) South Dakota south Lambert coord.
 - 3 UTM coordinates (northern hemisphere)
 - 6 Geographic coordinates (Greenwich) [deg]
 - 32 Geographic coordinates (Greenwich) [deg,min]
 - 1 Geographic coordinates (Greenwich) [deg,min,sec]
 - 500 Cartesian coordinates
- ##### Reference Systems
- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
 - 446 NAD83(NSRS 2007) (US), geocentric, GRS80
 - 447 NAD83(NSRS 2011) (US), geocentric, GRS80
 - 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
 - 530 NAD83(HARN) (US-SD NTV2 SDHPGN $\pm 0.1m$), geocentric, GRS80
 - 531 NAD83 (US-SD NTV2 SDHPGN $\pm 0.1m$), geocentric, GRS80
 - 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
 - 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
 - 10 WGS84 (Worldwide GPS), geocentric, WGS84
 - 11 WGS72 (Worldwide), geocentric, WGS72
 - 208 Source Reference System in an arbitrary NTV2 file
 - 209 Target Reference System in an arbitrary NTV2 file

USA Tennessee (US-TN)

Coordinate Systems

- 366 US-SPCS 1983 (4100) Tennessee Lambert coordinates
- 367 US-SPCS 1927 (4100) Tennessee Lambert coordinates
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates
- Reference Systems
- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 532 NAD83(HARN) (US-TN NTv2 TNHPGN ± 0.1 m), geocentric, GRS80
- 533 NAD83 (US-TN NTv2 TNHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Texas (US-TX)

Coordinate Systems

- 730 US Texas state-wide Lambert coordinates
- 731 US Texas state-wide Albers Equal Area coordinates
- 370 US-SPCS 1983 (4201) Texas north Lambert coordinates
- 372 US-SPCS 1983 (4202) Texas north central Lambert
- 368 US-SPCS 1983 (4203) Texas central Lambert coord.
- 374 US-SPCS 1983 (4205) Texas south Lambert coordinates
- 376 US-SPCS 1983 (4204) Texas south central Lambert
- 371 US-SPCS 1927 (4201) Texas north Lambert coordinates
- 373 US-SPCS 1927 (4202) Texas north central Lambert
- 369 US-SPCS 1927 (4203) Texas central Lambert coord.
- 375 US-SPCS 1927 (4205) Texas south Lambert coordinates
- 377 US-SPCS 1927 (4204) Texas south central Lambert
- 732 US Texas Lambert State Mapping System
- 733 US Texas Lambert Shackleford System
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates
- Reference Systems
- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 534 NAD83(HARN) (US-TX[east] NTv2 ETHPGN ± 0.1 m), geoc., GRS80
- 535 NAD83 (US-TX[east] NTv2 ETHPGN ± 0.1 m), geocentric, GRS80
- 536 NAD83(HARN) (US-TX[west] NTv2 WTHPGN ± 0.1 m), geoc., GRS80
- 537 NAD83 (US-TX[west] NTv2 WTHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84

- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

USA Utah (US-UT)

Coordinate Systems

- 380 US-SPCS 1983 (4301) Utah north Lambert coordinates
- 378 US-SPCS 1983 (4302) Utah central Lambert coord.
- 382 US-SPCS 1983 (4303) Utah south Lambert coordinates
- 381 US-SPCS 1927 (4301) Utah north Lambert coordinates
- 379 US-SPCS 1927 (4302) Utah central Lambert coord.
- 383 US-SPCS 1927 (4303) Utah south Lambert coordinates
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 538 NAD83(HARN) (US-UT NTV2 UTHPGN $\pm 0.1m$), geocentric, GRS80
- 539 NAD83 (US-UT NTV2 UTHPGN $\pm 0.1m$), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

USA Vermont (US-VT)

Coordinate Systems

- 384 US-SPCS 1983 (4400) Vermont Transv. Mercator coord.
- 385 US-SPCS 1927 (4400) Vermont Transv. Mercator coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 508 NAD83(HARN) (US-CT,MA,RI,NH,VT NTV2 NEHPGN $\pm 0.1m$), gc, GRS80
- 509 NAD83 (US-CT,MA,RI,NH,VT NTV2 NEHPGN $\pm 0.1m$), geoc., GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

USA Virginia (US-VA)

Coordinate Systems

- 734 US Virginia state-wide Lambert coordinates
 - 387 US-SPCS 1983 (4501) Virginia north Lambert coord.
 - 389 US-SPCS 1983 (4502) Virginia south Lambert coord.
 - 388 US-SPCS 1927 (4501) Virginia north Lambert coord.
 - 390 US-SPCS 1927 (4502) Virginia south Lambert coord.
 - 3 UTM coordinates (northern hemisphere)
 - 6 Geographic coordinates (Greenwich) [deg]
 - 32 Geographic coordinates (Greenwich) [deg,min]
 - 1 Geographic coordinates (Greenwich) [deg,min,sec]
 - 500 Cartesian coordinates
- ### Reference Systems
- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
 - 446 NAD83(NSRS 2007) (US), geocentric, GRS80
 - 447 NAD83(NSRS 2011) (US), geocentric, GRS80
 - 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
 - 540 NAD83(HARN) (US-VA NTv2 VAHPGN $\pm 0.1m$), geocentric, GRS80
 - 541 NAD83 (US-VA NTv2 VAHPGN $\pm 0.1m$), geocentric, GRS80
 - 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
 - 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
 - 10 WGS84 (Worldwide GPS), geocentric, WGS84
 - 11 WGS72 (Worldwide), geocentric, WGS72
 - 208 Source Reference System in an arbitrary NTv2 file
 - 209 Target Reference System in an arbitrary NTv2 file

USA Washington (US-WA)

Coordinate Systems

- 391 US-SPCS 1983 (4601) Washington north Lambert coord.
 - 393 US-SPCS 1983 (4602) Washington south Lambert coord.
 - 392 US-SPCS 1927 (4601) Washington north Lambert coord.
 - 394 US-SPCS 1927 (4602) Washington south Lambert coord.
 - 3 UTM coordinates (northern hemisphere)
 - 6 Geographic coordinates (Greenwich) [deg]
 - 32 Geographic coordinates (Greenwich) [deg,min]
 - 1 Geographic coordinates (Greenwich) [deg,min,sec]
 - 500 Cartesian coordinates
- ### Reference Systems
- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
 - 446 NAD83(NSRS 2007) (US), geocentric, GRS80
 - 447 NAD83(NSRS 2011) (US), geocentric, GRS80
 - 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
 - 542 NAD83(HARN) (US-WA,OR NTv2 WOHPGN $\pm 0.1m$), geocentric, GRS80
 - 543 NAD83 (US-WA,OR NTv2 WOHPGN $\pm 0.1m$), geocentric, GRS80
 - 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
 - 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
 - 10 WGS84 (Worldwide GPS), geocentric, WGS84
 - 11 WGS72 (Worldwide), geocentric, WGS72
 - 208 Source Reference System in an arbitrary NTv2 file
 - 209 Target Reference System in an arbitrary NTv2 file

USA West Virginia (US-WV)

Coordinate Systems

- 395 US-SPCS 1983 (4701) West Virginia north Lambert

- 397 US-SPCS 1983 (4702) West Virginia south Lambert
- 396 US-SPCS 1927 (4701) West Virginia north Lambert
- 398 US-SPCS 1927 (4702) West Virginia south Lambert
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates
- Reference Systems
- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 544 NAD83(HARN) (US-WV NTv2 WVHPGN ± 0.1 m), geocentric, GRS80
- 545 NAD83 (US-WV NTv2 WVHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Wisconsin (US-WI)

Coordinate Systems

- 735 US Wisconsin WMT83 Transverse Mercator coordinates
- 736 US Wisconsin WMT27 Transverse Mercator coordinates
- 401 US-SPCS 1983 (4801) Wisconsin north Lambert coord.
- 399 US-SPCS 1983 (4802) Wisconsin central Lambert coord.
- 403 US-SPCS 1983 (4803) Wisconsin south Lambert coord.
- 402 US-SPCS 1927 (4801) Wisconsin north Lambert coord.
- 400 US-SPCS 1927 (4802) Wisconsin central Lambert coord.
- 404 US-SPCS 1927 (4803) Wisconsin south Lambert coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 546 NAD83(HARN) (US-WI NTv2 WIHPGN ± 0.1 m), geocentric, GRS80
- 547 NAD83 (US-WI NTv2 WIHPGN ± 0.1 m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

USA Wyoming (US-WY)

Coordinate Systems

- 405 US-SPCS 1983 (4901) Wyoming east Mercator coord.

- 407 US-SPCS 1983 (4902) Wyoming east central Mercator
 - 411 US-SPCS 1983 (4903) Wyoming west central Mercator
 - 409 US-SPCS 1983 (4904) Wyoming west Mercator coord.
 - 406 US-SPCS 1927 (4901) Wyoming east Mercator coord.
 - 408 US-SPCS 1927 (4902) Wyoming east central Mercator
 - 412 US-SPCS 1927 (4903) Wyoming west central Mercator
 - 410 US-SPCS 1927 (4904) Wyoming west Mercator coord.
 - 997 US Wyoming Lambert coordinates
 - 3 UTM coordinates (northern hemisphere)
 - 6 Geographic coordinates (Greenwich) [deg]
 - 32 Geographic coordinates (Greenwich) [deg,min]
 - 1 Geographic coordinates (Greenwich) [deg,min,sec]
 - 500 Cartesian coordinates
- Reference Systems
- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
 - 446 NAD83(NSRS 2007) (US), geocentric, GRS80
 - 447 NAD83(NSRS 2011) (US), geocentric, GRS80
 - 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
 - 548 NAD83(HARN) (US-WY NTv2 WYHPGN ±0.1m), geocentric, GRS80
 - 549 NAD83 (US-WY NTv2 WYHPGN ±0.1m), geocentric, GRS80
 - 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
 - 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
 - 10 WGS84 (Worldwide GPS), geocentric, WGS84
 - 11 WGS72 (Worldwide), geocentric, WGS72
 - 208 Source Reference System in an arbitrary NTv2 file
 - 209 Target Reference System in an arbitrary NTv2 file

USA Multinational Coordinate Systems

Coordinate Systems

- 565 US National Grid (USNG) Mercator coordinates
- 438 US National Atlas Lambert Azimuthal Equidistant Area
- 568 USA Conus Albers Equal Area coordinates
- 569 USA Contiguous Albers Equal Area coordinates
- 567 North America Albers Equal Area coordinates
 - 3 UTM coordinates (northern hemisphere)
- 1007 UTM coordinates [ftUS] (northern hemisphere)
 - 51 UTMref (MGRS) (Meter grid mesh)
 - 33 Geographic coordinates (Greenwich) [sec]
 - 6 Geographic coordinates (Greenwich) [deg]
 - 32 Geographic coordinates (Greenwich) [deg,min]
 - 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
- 446 NAD83(NSRS 2007) (US), geocentric, GRS80
- 447 NAD83(NSRS 2011) (US), geocentric, GRS80
- 448 NAD83(NSRS PA11) (US), geocentric, GRS80
- 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
- 451 NAD83 (US+CA =ITRS86=), geocentric, GRS80
- 73 NAD27 (US+CA <±15m), Kansas, Clarke
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 67 NAD27 (US west), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84

- 11 WGS72 (Worldwide), geocentric, WGS72
- 192 WGS72BE (Worldwide), geocentric, WGS72
- 81 GRS80a Authalic Sphere (Worldwide), geocentric, Sphere
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

--- Central America and Caribbean -----

French Guadeloupe (GP)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 34 Geographic coordinates (Greenwich) [gon]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 153 RRAF (GP,MQ), geocentric, GRS80
- 156 IGN1949 (GP), Fort-Marigot, Hayford/Int.
- 155 IGN1948 (GP), Ste-Anne, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

French Martinique (MQ)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 34 Geographic coordinates (Greenwich) [gon]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 153 RRAF (GP,MQ), geocentric, GRS80
- 154 Fort-Desaix1952 (MQ), Fort-Desaix, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Mexico (MX)

Coordinate Systems

- 577 Mexico Lambert Conformal Conic coordinates
- 578 Mexico Albers Equal Area Conic coordinates
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 580 Mexico ITRF2008 (MX), geocentric, GRS80
- 579 Mexico ITRF92 (MX), geocentric, GRS80
- 250 NAD27 (MX whole country <±12m), MR Kansas, Clarke
- 251 NAD27 (MX Eastern Gulf <±5), MR Kansas, Clarke
- 252 NAD27 (MX Central Gulf <±5), MR Kansas, Clarke

253 NAD27 (MX Western Gulf $\leq \pm 5$), MR Kansas, Clarke
 254 NAD27 (MX Tampico Area $\leq \pm 5$), MR Kansas, Clarke
 255 NAD27 (MX Campeche North Area $\leq \pm 5$), MR Kansas, Clarke
 256 NAD27 (MX Campeche South Area $\leq \pm 5$), MR Kansas, Clarke
 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 11 WGS72 (Worldwide), geocentric, WGS72
 208 Source Reference System in an arbitrary NTV2 file
 209 Target Reference System in an arbitrary NTV2 file

USA Puerto Rico (PR)

Coordinate Systems

355 US-SPCS 1983 (5200) Puerto Rico/Virgin Islands Lambert
 386 US-SPCS 1927 (5202) Puerto Rico/VI/St. Croix Lambert
 356 US-SPCS 1927 (5201) Puerto Rico/Virgin Islands Lambert
 3 UTM coordinates (northern hemisphere)
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

581 Puerto Rico (US-PR,VI), Cardona Island, Clarke
 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
 446 NAD83(NSRS 2007) (US), geocentric, GRS80
 447 NAD83(NSRS 2011) (US), geocentric, GRS80
 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
 526 NAD83(HARN) (US-PR,VI NTV2 PVHPGN ± 0.1 m), geocentric, GRS80
 527 NAD83 (US-PR,VI NTV2 PVHPGN ± 0.1 m), geocentric, GRS80
 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 11 WGS72 (Worldwide), geocentric, WGS72
 208 Source Reference System in an arbitrary NTV2 file
 209 Target Reference System in an arbitrary NTV2 file

USA Virgin Islands (VI)

Coordinate Systems

355 US-SPCS 1983 (5200) Puerto Rico/Virgin Islands Lambert
 386 US-SPCS 1927 (5202) Puerto Rico/VI/St. Croix Lambert
 356 US-SPCS 1927 (5201) Puerto Rico/Virgin Islands Lambert
 3 UTM coordinates (northern hemisphere)
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

581 Puerto Rico (US-PR,VI), Cardona Island, Clarke
 370 NAD83(NSRS/CSRS) (US+CA ITRS-Epoche 1997), GRS80
 446 NAD83(NSRS 2007) (US), geocentric, GRS80
 447 NAD83(NSRS 2011) (US), geocentric, GRS80
 72 NAD83 (US+CA =WGS84=), geocentric, GRS80
 526 NAD83(HARN) (US-PR,VI NTV2 PVHPGN ± 0.1 m), geocentric, GRS80

- 527 NAD83 (US-PR,VI NTv2 PVHPGN ±0.1m), geocentric, GRS80
- 66 NAD27 (US Conus), Meade's Ranch Kansas, Clarke
- 68 NAD27 (US east), Meade's Ranch Kansas, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Multinational Coordinate Systems

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 60 UTM coordinates (southern hemisphere)
- 51 UTMref (MGRS) (Meter grid mesh)
- 33 Geographic coordinates (Greenwich) [sec]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 192 WGS72BE (Worldwide), geocentric, WGS72
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

--- South American continent -----

Argentina (AR)

Coordinate Systems

- 60 UTM coordinates (southern hemisphere)
- 579 Argentinean Gauss-Krueger coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 182 SIRGAS (South America =WGS84=), geocentric, GRS80
- 257 POSGAR (AR), geocentric, GRS80
- 263 SAD69 (AR <±7m), Chua, GRS67(2)
- 258 CAI1969 (AR), Campo Inchauspe, Hayford/Int.
- 259 CAI1969 (AR Neuquen), Campo Inchauspe, Hayford/Int.
- 261 HITO1963 (AR Tierra Fuego), Hito XVIII, Hayford/Int.
- 260 CHOMA1914 (AR Neuquen), Chos Malal, Hayford/Int.
- 262 Pampa Castillo (AR Comodoro Riv.), Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Brazil (BR)

Coordinate Systems

- 60 UTM coordinates (southern hemisphere)
- 3 UTM coordinates (northern hemisphere)

- 652 Brazil Petrobras Mercator coordinates
- 653 Brazil Polyconic coordinates
 - 6 Geographic coordinates (Greenwich) [deg]
 - 32 Geographic coordinates (Greenwich) [deg,min]
 - 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates
- Reference Systems
 - 310 SIRGAS2000 (South America $<\pm 1\text{m}$), geocentric, GRS80
 - 311 Chua (BR $<\pm 5\text{m}$ <2000), Chua, Hayford/Int.
 - 312 Chua (BR $<\pm 5\text{m}$ >2000), Chua, Hayford/Int.
 - 313 CorAI70/72 (BR $<\pm 8\text{m}$), Corrego Alegre, Hayford/Int.
 - 314 SAD69 (BR $<\pm 5\text{m}$), Chua, GRS67 modified
 - 315 SAD69(96) (BR $<\pm 5\text{m}$), Chua, GRS67 modified
 - 582 PSAD56 (BR $<\pm 10\text{m}$), La Canoa, Hayford/Int.
 - 316 Aratu (BR-Campos $<\pm 5\text{m}$), Aratu, Hayford/Int.
 - 317 Aratu (BR-Santos $<\pm 5\text{m}$), Aratu, Hayford/Int.
 - 318 Aratu (BR-Esprito/Mucuri $<\pm 5\text{m}$), Aratu, Hayford/Int.
 - 319 CorAI1961 (BR NTv2 CA61_003 $<\pm 2\text{m}$), Cor. Alegre, Hayford/Int.
 - 320 SIRGAS2000 (BR NTv2 CA61_003 $<\pm 2\text{m}$), geocentric, GRS80
 - 321 CorAI70/72 (BR NTv2 CA7072_003 $<\pm 2\text{m}$), Cor. Al., Hayford/Int.
 - 322 SIRGAS2000 (BR NTv2 CA7072_003 $<\pm 2\text{m}$), geocentric, GRS80
 - 323 SAD69 (BR NTv2 SAD69_003 $<\pm 1\text{m}$), Chua, GRS67 modified
 - 324 SIRGAS2000 (BR NTv2 SAD69_003 $<\pm 1\text{m}$), geocentric, GRS80
 - 325 SAD69(96) (BR NTv2 SAD96_003 $<\pm 0.5\text{m}$), Chua, GRS67 modified
 - 326 SIRGAS2000 (BR NTv2 SAD96_003 $<\pm 0.5\text{m}$), geocentric, GRS80
 - 10 WGS84 (Worldwide GPS), geocentric, WGS84
 - 11 WGS72 (Worldwide), geocentric, WGS72
 - 208 Source Reference System in an arbitrary NTv2 file
 - 209 Target Reference System in an arbitrary NTv2 file

Chile (CL)

Coordinate Systems

- 60 UTM coordinates (southern hemisphere)
 - 6 Geographic coordinates (Greenwich) [deg]
 - 32 Geographic coordinates (Greenwich) [deg,min]
 - 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 714 SIRGAS (CL =WGS84=), geocentric, GRS80
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 720 SAD69 (CL $<32^{\circ}\text{S}$ $<\pm 2\text{m}$), Chua, GRS67 modified
- 721 SAD69 (CL $>32^{\circ}\text{S}$ $<36^{\circ}\text{S}$ $<\pm 2\text{m}$), Chua, GRS67 modified
- 722 SAD69 (CL $>36^{\circ}\text{S}$ $<43.5^{\circ}\text{S}$ $<\pm 4\text{m}$), Chua, GRS67 modified
- 715 Easter Island 1967 (CL $<\pm 25\text{m}$), Easter Island, Hayford/Int.
- 716 Hito XVIII 1963 (CL $<\pm 25\text{m}$), Tierra del Fuego, Hayford/Int.
- 717 PSAD56 (CL $<26^{\circ}\text{S}$ $<\pm 10\text{m}$), La Canoa, Hayford/Int.
- 718 PSAD56 (CL $>26^{\circ}\text{S}$ $<36^{\circ}\text{S}$ $<\pm 10\text{m}$), La Canoa, Hayford/Int.
- 719 PSAD56 (CL $>36^{\circ}\text{S}$ $<43.5^{\circ}\text{S}$ $<\pm 10\text{m}$), La Canoa, Hayford/Int.
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Colombia (CO)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)

60 UTM coordinates (southern hemisphere)
 665 Colombia MAGNA-SIRGAS Far West Zone
 666 Colombia MAGNA-SIRGAS West Zone
 667 Colombia MAGNA-SIRGAS Bogota Zone
 668 Colombia MAGNA-SIRGAS East Central Zone
 669 Colombia MAGNA-SIRGAS East Zone
 697 Colombia Bogota 1975 West Zone
 698 Colombia Bogota 1975 Bogota Zone
 699 Colombia Bogota 1975 East Central Zone
 700 Colombia Bogota 1975 East Zone
 701 Geographic Coordinates (Bogota) [deg]
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates
 Reference Systems
 355 MAGNA-SIRGAS (CO $<\pm 1\text{m}$), geocentric, GRS80
 356 Bogota 1975 (CO $<\pm 6\text{m}$), Bogota Observatory, Hayford/Int.
 357 SAD69 (CO $<\pm 6\text{m}$), Chua, GRS67(2)
 358 PSAD56 (CO $<\pm 15\text{m}$), La Canoa, Hayford/Int.
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 11 WGS72 (Worldwide), geocentric, WGS72
 208 Source Reference System in an arbitrary NTV2 file
 209 Target Reference System in an arbitrary NTV2 file

French Guiana (GF)

Coordinate Systems

3 UTM coordinates (northern hemisphere)
 34 Geographic coordinates (Greenwich) [gon]
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

157 RGFG95 (GF), geocentric, GRS80
 158 CSG1967 (GF), Diane à Kourou, Hayford/Int.
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 208 Source Reference System in an arbitrary NTV2 file
 209 Target Reference System in an arbitrary NTV2 file

South Georgia / Sandwich Islands (GS)

Coordinate Systems

722 South Georgia / Sandwich Islands Lambert coord.
 60 UTM coordinates (southern hemisphere)
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

583 South Georgia 1968 (GS $<\pm 25\text{m}$), ISTS061, Hayford/Int.
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 11 WGS72 (Worldwide), geocentric, WGS72
 208 Source Reference System in an arbitrary NTV2 file
 209 Target Reference System in an arbitrary NTV2 file

Uruguay (UR)

Coordinate Systems

- 60 UTM coordinates (southern hemisphere)
- 34 Geographic coordinates (Greenwich) [gon]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 182 SIRGAS (South America =WGS84=), geocentric, GRS80
- 183 YACARE (UR), Yacare, Hayford/Int.
- 184 SAD69 (UR $<\pm 10\text{m}$), Chua, GRS67(2)
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Venezuela (VE)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 60 UTM coordinates (southern hemisphere)
- 903 Venezuela ICN Regional coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 691 REGVEN (VE $<\pm 1\text{m}$), geozentic, GRS80
- 689 SAD69 (VE $<\pm 6\text{m}$), Chua, GRS67 modifiet
- 688 PSAD56 (VE $<\pm 10\text{m}$), La Canoa, Hayford/Int.
- 690 La Canoa (VE $<\pm 3\text{m}$), La Canoa, Hayford/Int.
- 692 La Canoa (VE NTV2 canoa_wgs84 $<\pm 2\text{m}$), La Canoa, Hayford/Int.
- 693 WGS84 (VE NTV2 canoa_wgs84 $<\pm 2\text{m}$), geozentrisch, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Multinational Coordinate Systems

Coordinate Systems

- 581 South America Lambert Conformal Conic coord.
- 580 South America Albers Equal Area coordinates
- 3 UTM coordinates (northern hemisphere)
- 60 UTM coordinates (southern hemisphere)
- 51 UTMref (MGRS) (Meter grid mesh)
- 33 Geographic coordinates (Greenwich) [sec]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 182 SIRGAS (South America =WGS84=), geocentric, GRS80
- 310 SIRGAS2000 (South America $<\pm 1\text{m}$), geocentric, GRS80
- 584 SIRGAS1995 (South America $<\pm 1\text{m}$), geocentric, GRS80
- 264 SAD69 (South America), Chua, GRS67(2)

- 585 PSAD56 (South America $\leq \pm 30\text{m}$), La Canoa, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 192 WGS72BE (Worldwide), geocentric, WGS72
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

--- Asian continent -----

Afghanistan (AF)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 91 Herat North (AF), Herat North, Hayford/Int.
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Armenia (AM)

Coordinate Systems

- 716 Armenia ARM_PCS/GCS/GKz8 Transverse Mercator
- 717 CS63 Zone A1 Transverse Mercator coordinates
- 718 CS63 Zone A2 Transverse Mercator coordinates
- 719 CS63 Zone A3 Transverse Mercator coordinates
- 866 CS63 Zone A4 Transverse Mercator coordinates
- 4 Gauss-Krueger (6 degrees wide strips)
- 2 Gauss-Krueger coord. (3 degrees wide strips)
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 435 Pulkovo1942 (EU-E/AS[FSU] 2008 $\leq \pm 3\text{m}$), Pulkovo, Krassowsky
- 434 S42/2001 (EU-E/AS[FSU] $\leq \pm 4\text{m}$), Pulkovo, Krassowsky
- 103 S42/1993 (EU-E/AS[FSU] $\leq \pm 4.5\text{m}$), Pulkovo, Krassowsky
- 104 S42/3Par. (EU-E/AS[FSU]), Pulkovo, Krassowsky
- 3 S42/83 (EU-E/AS[FSU] 1990 $\leq \pm 3\text{m}$), Pulkovo, Krassowsky
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Azerbaijan (AZ)

Coordinate Systems

- 719 CS63 Zone A3 Transverse Mercator coordinates
- 866 CS63 Zone A4 Transverse Mercator coordinates

- 4 Gauss-Krueger (6 degrees wide strips)
- 2 Gauss-Krueger coord. (3 degrees wide strips)
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates
- Reference Systems
- 435 Pulkovo1942 (EU-E/AS[FSU] 2008 $\pm 3\text{m}$), Pulkovo, Krassowsky
- 434 S42/2001 (EU-E/AS[FSU] $\pm 4\text{m}$), Pulkovo, Krassowsky
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Bangladesh (BD)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 445 BTM Bangladesh Transverse Mercator coordinates
- 446 India zone IIb (Bangladesh) Lambert coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 550 Gulshan 303 (BD), Dhaka, Everest 1830/1937
- 297 Kalianpur 1880 (IN,BD), Kalianpur, Everest 1830/1880
- 298 Kalianpur 1937 (IN,BD), Kalianpur, Everest 1830/1937
- 300 Kalianpur 1975 (IN,BD), Kalianpur, Everest 1830/1975
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

China (CN)

Coordinate Systems

- 655 Chinese Gauss-Krueger CM75E-135E (3 degrees strips)
- 656 Chinese Gauss-Krueger CM75E-135E (6 degrees strips)
- 3 UTM coordinates (northern hemisphere)
- 975 Hong Kong Transverse Mercator Grid coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 334 CGCS2000 (CN), geocentric, CGCS2000
- 335 Beijing1954 (CN), Pulkovo, Krassowsky
- 336 Beijing1954 (CN, Yellow Sea), Pulkovo, Krassowsky
- 337 Beijing1954 (CN, South China Sea), Pulkovo, Krassowsky
- 338 Beijing1954 (CN, Tarim Basin), Pulkovo, Krassowsky
- 339 Beijing1954 (CN, Bei Bu Basin), Pulkovo, Krassowsky
- 340 Beijing1954 (CN, Ordos Basin), Pulkovo, Krassowsky
- 349 Beijing1954 (CN no_defs), Pulkovo, Krassowsky

341 New Beijing (CN no_defs), Pulkovo, Krassowsky
342 Xian1980 (CN no_defs), Xian Observatory, IAG 1975
760 Hong Kong 1980 (CN), Kowloon, Hayford/Int.
759 Hong Kong 1963 (CN), Kowloon, Clarke 1858
10 WGS84 (Worldwide GPS), geocentric, WGS84
208 Source Reference System in an arbitrary NTV2 file
209 Target Reference System in an arbitrary NTV2 file

Georgia (GE)

Coordinate Systems

717 CS63 Zone A1 Transverse Mercator coordinates
718 CS63 Zone A2 Transverse Mercator coordinates
719 CS63 Zone A3 Transverse Mercator coordinates
866 CS63 Zone A4 Transverse Mercator coordinates
4 Gauss-Krueger (6 degrees wide strips)
2 Gauss-Krueger coord. (3 degrees wide strips)
3 UTM coordinates (northern hemisphere)
6 Geographic coordinates (Greenwich) [deg]
32 Geographic coordinates (Greenwich) [deg,min]
1 Geographic coordinates (Greenwich) [deg,min,sec]
500 Cartesian coordinates

Reference Systems

435 Pulkovo1942 (EU-E/AS[FSU] 2008 $\pm 3\text{m}$), Pulkovo, Krassowsky
434 S42/2001 (EU-E/AS[FSU] $\pm 4\text{m}$), Pulkovo, Krassowsky
107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
10 WGS84 (Worldwide GPS), geocentric, WGS84
11 WGS72 (Worldwide), geocentric, WGS72
208 Source Reference System in an arbitrary NTV2 file
209 Target Reference System in an arbitrary NTV2 file

India (IN)

Coordinate Systems

3 UTM coordinates (northern hemisphere)
639 Indian Lambert Zone 0 coordinates
640 Indian Lambert Zone I coordinates
641 Indian Lambert Zone IIa coordinates
642 Indian Lambert Zone IIb coordinates
643 Indian Lambert Zone III coordinates
644 Indian Lambert Zone IV coordinates
6 Geographic coordinates (Greenwich) [deg]
32 Geographic coordinates (Greenwich) [deg,min]
1 Geographic coordinates (Greenwich) [deg,min,sec]
500 Cartesian coordinates

Reference Systems

297 Kalianpur 1880 (IN,BD), Kalianpur, Everest 1830/1880
298 Kalianpur 1937 (IN,BD), Kalianpur, Everest 1830/1937
299 Kalianpur 1962 (IN), Kalianpur, Everest 1830/1962
300 Kalianpur 1975 (IN,BD), Kalianpur, Everest 1830/1975
10 WGS84 (Worldwide GPS), geocentric, WGS84
11 WGS72 (Worldwide), geocentric, WGS72
208 Source Reference System in an arbitrary NTV2 file
209 Target Reference System in an arbitrary NTV2 file

Japan (JP)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 447 Japan Plane Rectangular CS I Mercator coordinates
- 448 Japan Plane Rectangular CS II Mercator coordinates
- 449 Japan Plane Rectangular CS III Mercator coordinates
- 450 Japan Plane Rectangular CS IV Mercator coordinates
- 456 Japan Plane Rectangular CS X Mercator coordinates
- 451 Japan Plane Rectangular CS V Mercator coordinates
- 452 Japan Plane Rectangular CS VI Mercator coordinates
- 453 Japan Plane Rectangular CS VII Mercator coordinates
- 454 Japan Plane Rectangular CS VIII Mercator coordinates
- 455 Japan Plane Rectangular CS IX Mercator coordinates
- 457 Japan Plane Rectangular CS XI Mercator coordinates
- 458 Japan Plane Rectangular CS XII Mercator coordinates
- 459 Japan Plane Rectangular CS XIII Mercator coordinates
- 460 Japan Plane Rectangular CS XIV Mercator coordinates
- 461 Japan Plane Rectangular CS XV Mercator coordinates
- 462 Japan Plane Rectangular CS XVI Mercator coordinates
- 463 Japan Plane Rectangular CS XVII Mercator coordinates
- 464 Japan Plane Rectangular CS XVIII Mercator coordinates
- 465 Japan Plane Rectangular CS XIX Mercator coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 93 JGD2000 (JP 2000 $<\pm 1\text{m}$), geocentric, GRS80
- 92 JGD2000 (JP 1994 $<\pm 1\text{m}$), geocentric, GRS80
- 728 JGD2000 (JP 2011 NTv2 touhoku...2011), geocentric, GRS80
- 729 JGD2011 (JP 2011 NTv2 touhoku...2011), geocentric, GRS80
- 726 Tokyo (JP 2003 NTv2 tky2jgd), Nikon, Bessel
- 727 JGD2000 (JP 2003 NTv2 tky2jgd), geocentric, GRS80
- 789 JGD2011 (JP 1994 $<\pm 1\text{m}$), geocentric, GRS80
- 94 Tokyo (JP 1993 $<\pm 5\text{m}$), Nikon, Bessel
- 95 Tokyo (JP 1996 $<\pm 3\text{m}$), Nikon, Bessel
- 96 Tokyo (JP 1997 $<\pm 3\text{m}$), Nikon, Bessel
- 97 Tokyo (JP Okinawa $<\pm 15\text{m}$), Nikon, Bessel
- 98 Tokyo (JP Okinawa KR $<\pm 15\text{m}$), Nikon, Bessel
- 99 Markus Isl. 1952 (JP $<\pm 25\text{m}$), Astron. Stat., Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

North-Korea (KP)

Coordinate Systems

- 872 Korea West Belt Transverse Mercator coordinates
- 873 Korea Central Belt Transverse Mercator coordinates
- 874 Korea East Belt Transverse Mercator coordinates
- 875 Korea East Sea Belt Transverse Mercator coordinates
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]

- 500 Cartesian coordinates
- Reference Systems
- 616 Tokyo 1892 (KR,KP <±10m), Nikon-Keido-Genten, Bessel
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Pakistan (PK)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 639 Indian Lambert Zone 0 coordinates
- 640 Indian Lambert Zone I coordinates
- 641 Indian Lambert Zone IIa coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 297 Kalianpur 1880 (IN,BD), Kalianpur, Everest 1830/1880
- 299 Kalianpur 1962 (IN), Kalianpur, Everest 1830/1962
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

South-Korea (KR)

Coordinate Systems

- 867 Korea West Belt 2010 Transverse Mercator coordinates
- 868 Korea Central Belt 2010 Transverse Mercator coordinates
- 869 Korea East Belt 2010 Transverse Mercator coordinates
- 870 Korea East Sea Belt 2010 Transverse Mercator coordinates
- 871 Korea Unified Belt Transverse Mercator coordinates
- 872 Korea West Belt Transverse Mercator coordinates
- 873 Korea Central Belt Transverse Mercator coordinates
- 874 Korea East Belt Transverse Mercator coordinates
- 875 Korea East Sea Belt Transverse Mercator coordinates
- 876 Korea Central Belt Jeju Transverse Mercator coordinates
- 877 Korea Modified West Belt Transverse Mercator coordinates
- 878 Korea Modified Central Belt Transverse Mercator coordinates
- 879 Korea Modified Central Belt Jeju Transverse Mercator coord.
- 880 Korea Modified East Belt Transverse Mercator coordinates
- 881 Korea Modified East Sea Belt Transverse Mercator coord.
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 613 Korea 2000 (KR <±1m), geocentric, GRS80
- 614 Korean 1995 (KR <±2m), geocentric, WGS84
- 615 Korean 1985 (KR <±1m), Suwon, Bessel
- 616 Tokyo 1892 (KR,KP <±10m), Nikon-Keido-Genten, Bessel
- 617 Tokyo 1918 (KR <±2m), Nikon-Keido-Genten, Bessel
- 10 WGS84 (Worldwide GPS), geocentric, WGS84

- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Sri Lanka (LK)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 635 Sri Lanka Kandawala Transverse Mercator
- 636 Sri Lanka SL_GRID_99 Transverse Mercator
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 294 Kandawala (LK 3Param.), Kandawala, Everest 1830/1937
- 295 Kandawala (LK 7Param.), Kandawala, Everest 1830/1937
- 296 SLD99 (LK), Diyatalawa, Everest 1830/1937
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Uzbekistan (UZ)

Coordinate Systems

- 4 Gauss-Krueger (6 degrees wide strips)
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 100 SC42 / S42 (UZ), Kitab Observatory, Krassowsky
- 101 SC42 / S42 (KZ+UZ? $<\pm 2m$), Pulkovo, Krassowsky
- 102 SC42 / S42 (KZ+UZ? $<\pm 25m$), Pulkovo, Krassowsky
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Vietnam (VN)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 524 Vietnamese VN2000 coordinates (6 degrees strips)
- 523 Vietnamese VN2000 coordinates (3 degrees strips)
- 526 Vietnamese GK106NE Gauss-Krueger coordinates
- 525 Vietnamese TM106NE Transverse Mercator coord.
- 4 Gauss-Krueger (6 degrees wide strips)
- 2 Gauss-Krueger coord. (3 degrees wide strips)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 188 VN2000 (VN), Hanoi, WGS84
- 189 Hanoi1972 (VN $<\pm 5m$), Pulkovo, Krassowsky

- 190 Indian1960 (VN, onshore), Kalianpur, Everest 1830/1937
- 191 Indian1960 (VN, Con Son Isl.), Kalianpur, Everest 1830/1937
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 192 WGS72BE (Worldwide), geocentric, WGS72
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Multinational Coordinate Systems

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 60 UTM coordinates (southern hemisphere)
- 51 UTMref (MGRS) (Meter grid mesh)
- 2 Gauss-Krueger coord. (3 degrees wide strips)
- 4 Gauss-Krueger (6 degrees wide strips)
- 33 Geographic coordinates (Greenwich) [sec]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 192 WGS72BE (Worldwide), geocentric, WGS72
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 611 Pulkovo1995 (EU-E/AS[FSU] 2008 <±1m), Pulkovo, Krassowsky
- 435 Pulkovo1942 (EU-E/AS[FSU] 2008 <±3m), Pulkovo, Krassowsky
- 351 Pulkovo1995 (EU-E/AS[FSU] no_defs), Pulkovo, Krassowsky
- 350 Pulkovo1942 (EU-E/AS[FSU] no_defs), Pulkovo, Krassowsky
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

--- Near East and Middle East -----

Arabian Peninsula ((AE,BH,KW,OM,SA)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 742 Saudi Arabian Aramco Lambert coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 306 Nahrwan 1967 (AE,AZ <±5m), South base, Clarke RGS
- 224 Nahrwan 1967 (AE <±25m), South base, Clarke RGS
- 222 Nahrwan 1967 (OM <±25m), South base, Clarke RGS
- 223 Nahrwan 1967 (SA <±20m), South base, Clarke RGS
- 307 Ain el Abd 1970 (SA <±10m), Ain el Abd, Hayford/Int.
- 308 Ain el Abd 1970 (BA <±25m), Ain el Abd, Hayford/Int.
- 309 Ain el Abd 1970 (KW <±1m), Ain el Abd, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Israel (IL)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 533 Israelian ITM (new) Transverse Mercator coordinates
- 532 Israelian ICS (old) Grid Cassini-Soldner coordinates
- 531 Israelian Palestine Grid Cassini-Soldner coord.
- 530 Israelian Palestine Belt Transv. Mercator coord.
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 201 Israel New Datum 1989 (IL $<\pm 2\text{m}$), Urim 3Par, GRS80
- 202 Israel Old Datum 1923 (IL $<\pm 10\text{m}$), Jerus. 3Par, Clarke Ben.
- 203 Israel New Datum 1989 (IL), Urim 7Par., GRS80
- 204 Israel Old Datum 1923 (IL), Jerusalem 7Par, Clarke Ben.
- 205 ED50 (IL onshore), U.S. DMA 1993, Hayford/Int.
- 206 ED50 (IL offshore), TPAO 1987, Hayford/Int.
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Lebanon (LB)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 978 Syrian Levant Stereographic Coordinates (SY/LB)
- 979 Syrian Lambert Coordinates (SY/LB)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 782 Deir ez Zor (LB $<\pm 1\text{m}$), Deir, Clarke IGN
- 771 Deir ez Zor (SY/LB $<\pm 5\text{m}$), Deir, Clarke IGN
- 773 Deir Ez Zor (LB NTV2 LB_DeirEzZor $<\pm 0.5\text{m}$), Deir, Clarke IGN
- 772 WGS84 (LB NTV2 LB_DeirEzZor $<\pm 0.5\text{m}$), geocentric, WGS84
- 774 Bekaa Valley 1920 (LB), Bekaa Valley, Clarke RGS
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Syria (SY)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 978 Syrian Levant Stereographic Coordinates (SY/LB)
- 979 Syrian Lambert Coordinates (SY/LB)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 771 Deir ez Zor (SY/LB $<\pm 5\text{m}$), Deir, Clarke IGN

- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Multinational Coordinate Systems

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 60 UTM coordinates (southern hemisphere)
- 51 UTMref (MGRS) (Meter grid mesh)
- 33 Geographic coordinates (Greenwich) [sec]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 192 WGS72BE (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

--- African continent -----

French Mayotte (YT)

Coordinate Systems

- 60 UTM coordinates (southern hemisphere)
- 34 Geographic coordinates (Greenwich) [gon]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 146 RGM04 (YT), geocentric, GRS80
- 147 Combani1950 (YT), Base Combani I, Hayford/Int.
- 148 Cadastre1997 (YT), Base Combani I, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

French Réunion (RE)

Coordinate Systems

- 60 UTM coordinates (southern hemisphere)
- 503 French Réunion Gauss-Laborde coordinates
- 34 Geographic coordinates (Greenwich) [gon]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 151 RGR92 (RE), geocentric, GRS80
- 152 PdN (RE), Piton des Neiges, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Mauritius (MU)

Coordinate Systems

- 883 Mauritius Grid 2012 LGM2012 Lambert (2SP) coordinates
- 882 Mauritius Grid 1994 Le Pouce Lambert (1SP) coordinates
- 884 Rodrigues Transversal Mercator coordinates
- 60 UTM coordinates (southern hemisphere)
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 618 GDM 2008 (MU $\leq \pm 1$ m), geocentric, WGS84
- 619 Le Pouce 1934 (MU 7Par 2008 $\leq \pm 1$ m), Le Pouce, Clarke RGS
- 620 Le Pouce 1934 (MU 3Par 2008 $\leq \pm 1$ m), Le Pouce, Clarke RGS
- 621 Le Pouce 1934 (MU 3Par 1994 $\leq \pm 2$ m), Le Pouce, Clarke RGS
- 622 Rodrigues (MU no_defs), Le Pouce, Clarke RGS
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Morocco (MA)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 738 Moroccan Lambert 1SP Zone 1 (Nord Maroc)
- 739 Moroccan Lambert 1SP Zone 2 (Sud Maroc)
- 740 Moroccan Lambert 1SP Zone 3 (Sahara Nord)
- 741 Moroccan Lambert 1SP Zone 4 (Sahara Sud)
- 614 Moroccan Lambert 2SP Zone I (Nord Maroc)
- 615 Moroccan Lambert 2SP Zone II (Sud Maroc, Agadir)
- 616 Moroccan Lambert 2SP Zone III (Sahara Nord, La'youn)
- 617 Moroccan Lambert 2SP Zone IV ((Sahara Sud, Ad-Dakhla)
- 613 Moroccan Lambert Impetus coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 275 Merchich (MA), Merchich, Clarke IGN
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

South Afrika (ZA)

Coordinate Systems

- 60 UTM coordinates (southern hemisphere)
- 626 South African Lo17 Transverse Mercator
- 627 South African Lo19 Transverse Mercator
- 628 South African Lo21 Transverse Mercator
- 629 South African Lo23 Transverse Mercator
- 630 South African Lo25 Transverse Mercator
- 631 South African Lo27 Transverse Mercator
- 632 South African Lo29 Transverse Mercator

- 633 South African Lo31 Transverse Mercator
- 634 South African Lo33 Transverse Mercator
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates
- Reference Systems
- 292 Hartebeesthoek94 (ZA), geocentric, WGS84
- 293 Cape (ZA), Buffelsfontein, Clarke Arc 1880
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Multinational Coordinate Systems

Coordinate Systems

- 573 Africa Albers Equal Area Conic coordinates
- 3 UTM coordinates (northern hemisphere)
- 60 UTM coordinates (southern hemisphere)
- 51 UTMref (MGRS) (Meter grid mesh)
- 33 Geographic coordinates (Greenwich) [sec]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 192 WGS72BE (Worldwide), geocentric, WGS72
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

--- Australian continent -----

Australia (AU) General

Coordinate Systems

- 902 MGA2020 (UTM) - Map Grid of Australia (AU) Transv. Merc.
- 587 MGA94 (UTM) - Map Grid of Australia (AU) Transv. Merc.
- 588 AMG (UTM) - Australian Map Grid (AU) Transv. Mercator
- 584 ANG - Australian National Grid (yards) coord.
- 441 PSMA (AU) Lambert Conformal Conic coordinates
- 746 GALCC (AU) Lambert Conformal Conic coordinates
- 748 AUS (AU) Albers Equal Area coordinates
- 749 ACRESLC (AU) Lambert Conformal Conic coordinates
- 60 UTM coordinates (southern hemisphere)
- 51 UTMref (MGRS) (Meter grid mesh)
- 33 Geographic coordinates (Greenwich) [sec]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 680 GDA2020 (AU <±1m), geocentric, GRS80
- 742 GDA94 (AU <±1m), geocentric, GRS80

676 GDA94 (AU NTv2 GDA94_GDA2020_C $\leq \pm 10$ cm), geoc., GRS80
 677 GDA2020 (AU NTv2 GDA94_GDA2020_C $\leq \pm 10$ cm), geoc., GRS80
 678 GDA94 (AU NTv2 GDA94_GDA2020_CD $\leq \pm 10$ cm), geoc., GRS80
 679 GDA2020 (AU NTv2 GDA94_GDA2020_CD $\leq \pm 10$ cm), geoc., GRS80
 637 GDA2020 (AU fixed for GPS epoch 2017), geocentric, GRS80
 638 GDA2020 (AU fixed for GPS epoch 2018), geocentric, GRS80
 639 GDA2020 (AU fixed for GPS epoch 2019), geocentric, GRS80
 640 GDA2020 (AU fixed for GPS epoch 2020), geocentric, GRS80
 168 AGD66 (AU NTv2 A66_NAT $\leq \pm 0.5$ m), Johnston, ANS
 169 GDA94 (AU NTv2 A66_NAT $\leq \pm 0.5$ m), geocentric, GRS80
 170 AGD84 (AU NTv2 A84_NAT $\leq \pm 0.5$ m), Johnston, ANS
 171 GDA94 (AU NTv2 A84_NAT $\leq \pm 0.5$ m), geocentric, GRS80
 83 GDA94 (AU =WGS84= $\leq \pm 5$ m), geocentric, GRS80
 84 AGD84 (AU $\leq \pm 1$ m), Johnston, ANS
 85 AGD84 Higgins (AU $\leq \pm 4$ m), Johnston, ANS
 86 AGD66 (AU $\leq \pm 1$ m), Johnston, ANS
 267 ANG Australian National Grid (AU $\leq \pm 80$ m), 3P, Clarke 1858
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 11 WGS72 (Worldwide), geocentric, WGS72
 208 Source Reference System in an arbitrary NTv2 file
 209 Target Reference System in an arbitrary NTv2 file

Australia Capital Territory (AU-ACT)

Coordinate Systems

750 ACT SGC (AU) Transverse Mercator coordinates
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

637 GDA2020 (AU fixed for GPS epoch 2017), geocentric, GRS80
 638 GDA2020 (AU fixed for GPS epoch 2018), geocentric, GRS80
 639 GDA2020 (AU fixed for GPS epoch 2019), geocentric, GRS80
 640 GDA2020 (AU fixed for GPS epoch 2020), geocentric, GRS80
 168 AGD66 (AU NTv2 A66_NAT $\leq \pm 0.5$ m), Johnston, ANS
 169 GDA94 (AU NTv2 A66_NAT $\leq \pm 0.5$ m), geocentric, GRS80
 170 AGD84 (AU NTv2 A84_NAT $\leq \pm 0.5$ m), Johnston, ANS
 171 GDA94 (AU NTv2 A84_NAT $\leq \pm 0.5$ m), geocentric, GRS80
 742 GDA94 (AU $\leq \pm 1$ m), geocentric, GRS80
 83 GDA94 (AU =WGS84= $\leq \pm 5$ m), geocentric, GRS80
 84 AGD84 (AU $\leq \pm 1$ m), Johnston, ANS
 86 AGD66 (AU $\leq \pm 1$ m), Johnston, ANS
 87 AGD66 (AU-ACT), Johnston, ANS
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 208 Source Reference System in an arbitrary NTv2 file
 209 Target Reference System in an arbitrary NTv2 file

Australia Northern Territory (AU-NT)

Coordinate Systems

6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

637 GDA2020 (AU fixed for GPS epoch 2017), geocentric, GRS80
 638 GDA2020 (AU fixed for GPS epoch 2018), geocentric, GRS80
 639 GDA2020 (AU fixed for GPS epoch 2019), geocentric, GRS80
 640 GDA2020 (AU fixed for GPS epoch 2020), geocentric, GRS80
 168 AGD66 (AU NTv2 A66_NAT <±0.5m), Johnston, ANS
 169 GDA94 (AU NTv2 A66_NAT <±0.5m), geocentric, GRS80
 170 AGD84 (AU NTv2 A84_NAT <±0.5m), Johnston, ANS
 171 GDA94 (AU NTv2 A84_NAT <±0.5m), geocentric, GRS80
 90 AGD66 (AU-NT), Johnston, ANS
 742 GDA94 (AU <±1m), geocentric, GRS80
 83 GDA94 (AU =WGS84= <±5m), geocentric, GRS80
 84 AGD84 (AU <±1m), Johnston, ANS
 742 GDA94 (AU <±1m), geocentric, GRS80
 86 AGD66 (AU <±1m), Johnston, ANS
 87 AGD66 (AU-ACT), Johnston, ANS
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 208 Source Reference System in an arbitrary NTv2 file
 209 Target Reference System in an arbitrary NTv2 file

Australia New South Wales (AU-NSW)

Coordinate Systems

589 GDA (AU-NSW) Lambert Conformal Conic coordinates
 591 ISG - Integrated Survey Grid (AU-NSW) coordinates
 590 NSW (AU-NSW) Lambert Conformal Conic coordinates
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

637 GDA2020 (AU fixed for GPS epoch 2017), geocentric, GRS80
 638 GDA2020 (AU fixed for GPS epoch 2018), geocentric, GRS80
 639 GDA2020 (AU fixed for GPS epoch 2019), geocentric, GRS80
 640 GDA2020 (AU fixed for GPS epoch 2020), geocentric, GRS80
 168 AGD66 (AU NTv2 A66_NAT <±0.5m), Johnston, ANS
 169 GDA94 (AU NTv2 A66_NAT <±0.5m), geocentric, GRS80
 170 AGD84 (AU NTv2 A84_NAT <±0.5m), Johnston, ANS
 171 GDA94 (AU NTv2 A84_NAT <±0.5m), geocentric, GRS80
 89 AGD66 (AU-VIC/NSW), Johnston, ANS
 742 GDA94 (AU <±1m), geocentric, GRS80
 83 GDA94 (AU =WGS84= <±5m), geocentric, GRS80
 84 AGD84 (AU <±1m), Johnston, ANS
 86 AGD66 (AU <±1m), Johnston, ANS
 87 AGD66 (AU-ACT), Johnston, ANS
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 208 Source Reference System in an arbitrary NTv2 file
 209 Target Reference System in an arbitrary NTv2 file

Australia South Australia (AU-SA)

Coordinate Systems

745 SA (AU) Lambert Conformal Conic coordinates
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

- 637 GDA2020 (AU fixed for GPS epoch 2017), geocentric, GRS80
- 638 GDA2020 (AU fixed for GPS epoch 2018), geocentric, GRS80
- 639 GDA2020 (AU fixed for GPS epoch 2019), geocentric, GRS80
- 640 GDA2020 (AU fixed for GPS epoch 2020), geocentric, GRS80
- 168 AGD66 (AU NTv2 A66_NAT <±0.5m), Johnston, ANS
- 169 GDA94 (AU NTv2 A66_NAT <±0.5m), geocentric, GRS80
- 170 AGD84 (AU NTv2 A84_NAT <±0.5m), Johnston, ANS
- 171 GDA94 (AU NTv2 A84_NAT <±0.5m), geocentric, GRS80
- 742 GDA94 (AU <±1m), geocentric, GRS80
- 83 GDA94 (AU =WGS84= <±5m), geocentric, GRS80
- 84 AGD84 (AU <±1m), Johnston, ANS
- 86 AGD66 (AU <±1m), Johnston, ANS
- 87 AGD66 (AU-ACT), Johnston, ANS
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Australia Queensland (AU-QLD)

Coordinate Systems

- 747 BCSG02 (AU) Transverse Mercator coordinates
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 637 GDA2020 (AU fixed for GPS epoch 2017), geocentric, GRS80
- 638 GDA2020 (AU fixed for GPS epoch 2018), geocentric, GRS80
- 639 GDA2020 (AU fixed for GPS epoch 2019), geocentric, GRS80
- 640 GDA2020 (AU fixed for GPS epoch 2020), geocentric, GRS80
- 168 AGD66 (AU NTv2 A66_NAT <±0.5m), Johnston, ANS
- 169 GDA94 (AU NTv2 A66_NAT <±0.5m), geocentric, GRS80
- 170 AGD84 (AU NTv2 A84_NAT <±0.5m), Johnston, ANS
- 171 GDA94 (AU NTv2 A84_NAT <±0.5m), geocentric, GRS80
- 83 GDA94 (AU =WGS84= <±5m), geocentric, GRS80
- 742 GDA94 (AU <±1m), geocentric, GRS80
- 84 AGD84 (AU <±1m), Johnston, ANS
- 86 AGD66 (AU <±1m), Johnston, ANS
- 87 AGD66 (AU-ACT), Johnston, ANS
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Australia Tasmania (AU-TAS)

Coordinate Systems

- 585 ANG - Australian Nat. Grid (AU-TAS,yards) coord.
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 637 GDA2020 (AU fixed for GPS epoch 2017), geocentric, GRS80
- 638 GDA2020 (AU fixed for GPS epoch 2018), geocentric, GRS80
- 639 GDA2020 (AU fixed for GPS epoch 2019), geocentric, GRS80

640 GDA2020 (AU fixed for GPS epoch 2020), geocentric, GRS80
 168 AGD66 (AU NTv2 A66_NAT <±0.5m), Johnston, ANS
 169 GDA94 (AU NTv2 A66_NAT <±0.5m), geocentric, GRS80
 170 AGD84 (AU NTv2 A84_NAT <±0.5m), Johnston, ANS
 171 GDA94 (AU NTv2 A84_NAT <±0.5m), geocentric, GRS80
 267 ANG Australian National Grid (AU <±80m), 3P, Clarke 1858
 742 GDA94 (AU <±1m), geocentric, GRS80
 83 GDA94 (AU =WGS84= <±5m), geocentric, GRS80
 84 AGD84 (AU <±1m), Johnston, ANS
 88 AGD66 (AU-TAS), Johnston, ANS
 86 AGD66 (AU <±1m), Johnston, ANS
 87 AGD66 (AU-ACT), Johnston, ANS
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 208 Source Reference System in an arbitrary NTv2 file
 209 Target Reference System in an arbitrary NTv2 file

Australia Victoria (AU-VIC)

Coordinate Systems

440 VICGRID94 (AU-VIC) Lambert Conformal Conic coord.
 439 VICGRID66 (AU-VIC) Lambert Conformal Conic coord.
 586 VICGRID-TM / Pseudo-AMG (AU-VIC) Transv. Merc.
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

637 GDA2020 (AU fixed for GPS epoch 2017), geocentric, GRS80
 638 GDA2020 (AU fixed for GPS epoch 2018), geocentric, GRS80
 639 GDA2020 (AU fixed for GPS epoch 2019), geocentric, GRS80
 640 GDA2020 (AU fixed for GPS epoch 2020), geocentric, GRS80
 168 AGD66 (AU NTv2 A66_NAT <±0.5m), Johnston, ANS
 169 GDA94 (AU NTv2 A66_NAT <±0.5m), geocentric, GRS80
 170 AGD84 (AU NTv2 A84_NAT <±0.5m), Johnston, ANS
 171 GDA94 (AU NTv2 A84_NAT <±0.5m), geocentric, GRS80
 742 GDA94 (AU <±1m), geocentric, GRS80
 83 GDA94 (AU =WGS84= <±5m), geocentric, GRS80
 84 AGD84 (AU <±1m), Johnston, ANS
 86 AGD66 (AU <±1m), Johnston, ANS
 87 AGD66 (AU-ACT), Johnston, ANS
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 208 Source Reference System in an arbitrary NTv2 file
 209 Target Reference System in an arbitrary NTv2 file

Australia Western Australia (AU-WA)

Coordinate Systems

993 PCG2020 - Perth Coastal Grid (AU-WA) Transv. Mercator
 6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 500 Cartesian coordinates

Reference Systems

637 GDA2020 (AU fixed for GPS epoch 2017), geocentric, GRS80
 638 GDA2020 (AU fixed for GPS epoch 2018), geocentric, GRS80
 639 GDA2020 (AU fixed for GPS epoch 2019), geocentric, GRS80

640 GDA2020 (AU fixed for GPS epoch 2020), geocentric, GRS80
 168 AGD66 (AU NTv2 A66_NAT <±0.5m), Johnston, ANS
 169 GDA94 (AU NTv2 A66_NAT <±0.5m), geocentric, GRS80
 170 AGD84 (AU NTv2 A84_NAT <±0.5m), Johnston, ANS
 171 GDA94 (AU NTv2 A84_NAT <±0.5m), geocentric, GRS80
 742 GDA94 (AU <±1m), geocentric, GRS80
 83 GDA94 (AU =WGS84= <±5m), geocentric, GRS80
 84 AGD84 (AU <±1m), Johnston, ANS
 86 AGD66 (AU <±1m), Johnston, ANS
 87 AGD66 (AU-ACT), Johnston, ANS
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 208 Source Reference System in an arbitrary NTv2 file
 209 Target Reference System in an arbitrary NTv2 file

GPS Measurements - ITRS epochs

Coordinate Systems

6 Geographic coordinates (Greenwich) [deg]
 32 Geographic coordinates (Greenwich) [deg,min]
 1 Geographic coordinates (Greenwich) [deg,min,sec]
 587 MGA94 (UTM) - Map Grid of Australia (AU) Transv. Merc.
 60 UTM coordinates (southern hemisphere)
 6 Geographic coordinates (Greenwich) [deg]
 500 Cartesian coordinates

Reference Systems

641 GDA2020 (AU ITRS epoch 2020), GRS80
 642 ITRS (AU GPS measurements epoch 2018), WGS84
 643 ITRS14 (AU GPS measurements epoch 2014), WGS84
 644 ITRS15 (AU GPS measurements epoch 2015), WGS84
 645 ITRS16 (AU GPS measurements epoch 2016), WGS84
 646 ITRS17 (AU GPS measurements epoch 2017), WGS84
 647 ITRS18 (AU GPS measurements epoch 2018), WGS84
 743 ITRS19 (AU GPS measurements epoch 2019), WGS84
 744 ITRS20 (AU GPS measurements epoch 2020), WGS84
 745 ITRS21 (AU GPS measurements epoch 2021), WGS84
 746 ITRS22 (AU GPS measurements epoch 2022), WGS84
 747 ITRS23 (AU GPS measurements epoch 2023), WGS84
 800 ITRS24 (AU GPS measurements epoch 2024), WGS84
 801 ITRS25 (AU GPS measurements epoch 2025), WGS84
 637 GDA2020 (AU fixed for GPS epoch 2017), geocentric, GRS80
 638 GDA2020 (AU fixed for GPS epoch 2018), geocentric, GRS80
 639 GDA2020 (AU fixed for GPS epoch 2019), geocentric, GRS80
 640 GDA2020 (AU fixed for GPS epoch 2020), geocentric, GRS80
 10 WGS84 (Worldwide GPS), geocentric, WGS84
 208 Source Reference System in an arbitrary NTv2 file
 209 Target Reference System in an arbitrary NTv2 file

New Zealand (NZ)

Coordinate Systems

60 UTM coordinates (southern hemisphere)
 508 New Zealand NZTM2000 Transverse Mercator coord.
 509 New Zealand oi-CITM2000 Chatham Isl. TM coord.
 761 New Zealand Circuit 2000 Chatham Isl. TM coord.
 510 New Zealand oi-AKTM2000 Auckland Isl. TM coord.
 511 New Zealand oi-CATM2000 Campbell Isl. TM coord.

512 New Zealand oi-AITM2000 Antipodes Isl. TM coord.
513 New Zealand oi-RITM2000 Raoul Isl. Transv. Merc. coord.
537 New Zealand mc-EDENTM2000 Transverse Mercator
538 New Zealand mc-PLENTM2000 Transverse Mercator
539 New Zealand mc-POVETM2000 Transverse Mercator
540 New Zealand mc-HAWKTM2000 Transverse Mercator
541 New Zealand mc-TARATM2000 Transverse Mercator
542 New Zealand mc-TUHITM2000 Transverse Mercator
543 New Zealand mc-WANGTM2000 Transverse Mercator
544 New Zealand mc-WAIRTM2000 Transverse Mercator
545 New Zealand mc-WELLTM2000 Transverse Mercator
546 New Zealand mc-COLLTM2000 Transverse Mercator
547 New Zealand mc-NELSTM2000 Transverse Mercator
548 New Zealand mc-KARATM2000 Transverse Mercator
549 New Zealand mc-BULLTM2000 Transverse Mercator
550 New Zealand mc-GREYTM2000 Transverse Mercator
551 New Zealand mc-AMURTM2000 Transverse Mercator
552 New Zealand mc-MARLTM2000 Transverse Mercator
553 New Zealand mc-HOKITM2000 Transverse Mercator
554 New Zealand mc-OKARTM2000 Transverse Mercator
555 New Zealand mc-JACKTM2000 Transverse Mercator
556 New Zealand mc-PLEATM2000 Transverse Mercator
557 New Zealand mc-GAWLTM2000 Transverse Mercator
558 New Zealand mc-TIMATM2000 Transverse Mercator
559 New Zealand mc-LINDTM2000 Transverse Mercator
560 New Zealand mc-NICHTM2000 Transverse Mercator
561 New Zealand mc-YORKTM2000 Transverse Mercator
562 New Zealand mc-OBSETM2000 Transverse Mercator
563 New Zealand mc-TAIETM2000 Transverse Mercator
564 New Zealand mc-BLUFTM2000 Transverse Mercator
517 New Zealand NZCS2000 Contin. Shelf Lambert coord.
536 New Zealand DGLC2000 Darwin Glacier Lambert coord.
516 New Zealand CITM1979 Chatham Isl. Transv. Merc. coord.
514 New Zealand NIYG1949 North Island Transv. Merc. coord.
515 New Zealand SIYG1949 South Island Transv. Merc. coord.
973 New Zealand Mercator 41 coordinates
972 New Zealand NIWA Albers Equal Area coordinates
6 Geographic coordinates (Greenwich) [deg]
32 Geographic coordinates (Greenwich) [deg,min]
1 Geographic coordinates (Greenwich) [deg,min,sec]
500 Cartesian coordinates
Reference Systems
180 NZGD2000 (NZ), geocentric, GRS80
177 NZGD2000 (NZ NTv2 NZGD2KGR $<\pm 0.5\text{m}$), geocentric, GRS80
176 NZGD1949 (NZ NTv2 NZGD2KGR $<\pm 0.5\text{m}$), Papatahi, Hayford/Int.
181 RSRGD2000 (NZ, Ross Sea Reg.), geocentric, GRS80
179 CIGD1979 (NZ Chatham Isl. $<\pm 2\text{m}$), Astro, Hayford/Int.
213 CIGD1971 (NZ Chatham Isl. $<\pm 15\text{m}$), Astro, Hayford/Int.
178 NZGD1949 (NZ $<\pm 4\text{m}$ 7Par), Papatahi, Hayford/Int.
212 NZGD1949 (NZ $<\pm 5\text{m}$, 3Par), Papatahi, Hayford/Int.
10 WGS84 (Worldwide GPS), geocentric, WGS84
11 WGS72 (Worldwide), geocentric, WGS72
208 Source Reference System in an arbitrary NTv2 file
209 Target Reference System in an arbitrary NTv2 file

Multinational Coordinate Systems

Coordinate Systems

- 968 PDC (Pazific) Mercator coordinates
- 33 Geographic coordinates (Greenwich) [sec]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 192 WGS72BE (Worldwide), geocentric, WGS72
- 449 NAD83(NSRS MA11) (US), geocentric, GRS80
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

--- Polynesia, Indonesia, Micronesia -----

French Polynesia (PF)

Coordinate Systems

- 60 UTM coordinates (southern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 565 RGPF (PF $\pm 0.5m$), geocentric, GRS80
- 193 Tahiti52 (PF Tahiti $\pm 10m$), Tahiti, Hayford/Int.
- 567 Tahiti79 (PF Tahiti $\pm 1m$), Tahiti, Hayford/Int.
- 194 Tahaa54 (PF Tahaa $\pm 1m$), Tahaa, Hayford/Int.
- 568 Fatulva72 (PF Fatu [H]iva $\pm 2m$), Fatu Huku, Hayford/Int.
- 569 Moorea87 (PF Moorea $\pm 1m$), Tahiti, Hayford/Int.
- 570 Maupiti83 (PF Maupiti $\pm 1m$), Pitiahe, Hayford/Int.
- 566 IGN63 (PF Hiva Oa $\pm 1m$), Atuona, Hayford/Int.
- 195 IGN72 (PF Nuku Hiva $\pm 1m$), Taiohae, Hayford/Int.
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Guam (US-GU)

Coordinate Systems

- 737 Guam Map Grid Transverse Mercator coordinates
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 449 NAD83(NSRS MA11) (US), geocentric, GRS80
- 472 NAD83(HARN) (US-GU NTV2 GUHPGN $\pm 0.1m$), geocentric, GRS80
- 473 NAD83 (US-GU NTV2 GUHPGN $\pm 0.1m$), geocentric, GRS80
- 571 Guam1963 (US-GU $\pm 3m$), Tagcha, Clarke

- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Philippines (PH)

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 518 Philippines PTM zone I Transverse Mercator coord.
- 519 Philippines PTM zone II Transverse Mercator coord.
- 520 Philippines PTM zone III Transverse Mercator coord.
- 521 Philippines PTM zone IV Transverse Mercator coord.
- 522 Philippines PTM zone V Transverse Mercator coord.
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 185 PRS92 (PH), Balanacan, Clarke
- 186 Luzon1911 (PH, excl. Mindanao $\leq \pm 10\text{m}$), Balanacan, Clarke
- 187 Luzon1911 (PH, Mindanao $\leq \pm 25\text{m}$), Balanacan, Clarke
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Singapore (SG)

Coordinate Systems

- 654 Singapore SVY21 Transverse Mercator
- 744 Singapore Grid Cassini-Soldner coordinates
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 552 Kertau 1968 (MY,SG), Kertau, Everest 1830/Mod.
- 553 SVY21 (SG), Base7, WGS84
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Taiwan (TW)

Coordinate Systems

- 891 Taiwan TM2 zone 119 Transverse Mercator coordinates
- 892 Taiwan TM2 zone 121 Transverse Mercator coordinates
- 3 UTM coordinates (northern hemisphere)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 668 TWD97 (TW $\leq \pm 1\text{m}$), geocentric, GRS80
- 669 TWD67 (TW), Hu Tzu Shan, GRS67 modified
- 670 Hu Tzu Shan 1950 (TW $\leq \pm 15\text{m}$), Hu Tzu Shan, Hayford/Int.

- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

Multinational Coordinate Systems

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 60 UTM coordinates (southern hemisphere)
- 51 UTMref (MGRS) (Meter grid mesh)
- 33 Geographic coordinates (Greenwich) [sec]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 192 WGS72BE (Worldwide), geocentric, WGS72
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

--- Worldwide systems -----

International Coordinate Systems

Coordinate Systems

- 3 UTM coordinates (northern hemisphere)
- 60 UTM coordinates (southern hemisphere)
- 661 UTMref (MGRS) (Centimeter grid mesh)
- 51 UTMref (MGRS) (Meter grid mesh)
- 662 UTMref (MGRS) (10 meter grid mesh)
- 663 UTMref (MGRS) (100 meter grid mesh)
- 664 UTMref (MGRS) (Kilometer grid mesh)
- 977 UTM Grid Coordinates (Meter grid mesh)
- 755 World Mercator coordinates
- 2 Gauss-Krueger coord. (3 degrees wide strips)
- 4 Gauss-Krueger (6 degrees wide strips)
- 504 Plate Carrée EquiRectangular coordinates
- 505 Gall Isographic coordinates
- 968 PDC (Pazific) Mercator coordinates
- 959 (Google) Plus Code / Open Location Code (8+7 Center)
- 960 (Google) Plus Code / Open Location Code (8+7 SW-Corner)
- 961 (Google) Plus Code / Open Location Code (8+2 Center)
- 962 (Google) Plus Code / Open Location Code (8+2 SW-Corner)
- 963 (Google) Plus Code / Open Location Code (2/4 Center)
- 964 (Google) Plus Code / Open Location Code (2/4 SW-Corner)
- 893 NAC-Code [(c) NAC Geographic Products Inc.]
- 98 GEOREF Code (Aircraft Navigation)
- 52 QTH Code (Maidenhead)
- 34 Geographic coordinates (Greenwich) [gon]
- 33 Geographic coordinates (Greenwich) [sec]
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates

Reference Systems

- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 11 WGS72 (Worldwide), geocentric, WGS72
- 192 WGS72BE (Worldwide), geocentric, WGS72
- 107 PZ-90 Roßbach 2000 (Worldwide GLONASS), geoc., PZ-90
- 106 PZ-90 Roßbach 1996 (Worldwide GLONASS), geoc., PZ-90
- 105 PZ-90 Misra 1996 (Worldwide GLONASS), geoc., PZ-90
- 81 GRS80a Authalic Sphere (Worldwide), geocentric, Sphere
- 208 Source Reference System in an arbitrary NTv2 file
- 209 Target Reference System in an arbitrary NTv2 file

Google/OSM World/Pixel/Tile Coordinates

Coordinate Systems

- 582 Google Spherical Mercator coordinates
- 952 Google World Coordinates, Range 0-256
- 904 Google Pixel Coordinates Zoom Factor 0
- 905 Google Pixel Coordinates Zoom Factor 1
- 906 Google Pixel Coordinates Zoom Factor 2
- 907 Google Pixel Coordinates Zoom Factor 3
- 908 Google Pixel Coordinates Zoom Factor 4
- 909 Google Pixel Coordinates Zoom Factor 5
- 910 Google Pixel Coordinates Zoom Factor 6
- 911 Google Pixel Coordinates Zoom Factor 7
- 912 Google Pixel Coordinates Zoom Factor 8
- 913 Google Pixel Coordinates Zoom Factor 9
- 914 Google Pixel Coordinates Zoom Factor 10
- 915 Google Pixel Coordinates Zoom Factor 11
- 916 Google Pixel Coordinates Zoom Factor 12
- 917 Google Pixel Coordinates Zoom Factor 13
- 918 Google Pixel Coordinates Zoom Factor 14
- 919 Google Pixel Coordinates Zoom Factor 15
- 920 Google Pixel Coordinates Zoom Factor 16
- 921 Google Pixel Coordinates Zoom Factor 17
- 922 Google Pixel Coordinates Zoom Factor 18
- 923 Google Pixel Coordinates Zoom Factor 19
- 924 Google Pixel Coordinates Zoom Factor 20
- 925 Google Pixel Coordinates Zoom Factor 21
- 926 Google Pixel Coordinates Zoom Factor 22
- 927 Google Pixel Coordinates Zoom Factor 23
- 928 Google Tiles Coordinates Zoom Factor 0
- 929 Google Tiles Coordinates Zoom Factor 1
- 930 Google Tiles Coordinates Zoom Factor 2
- 931 Google Tiles Coordinates Zoom Factor 3
- 932 Google Tiles Coordinates Zoom Factor 4
- 933 Google Tiles Coordinates Zoom Factor 5
- 934 Google Tiles Coordinates Zoom Factor 6
- 935 Google Tiles Coordinates Zoom Factor 7
- 936 Google Tiles Coordinates Zoom Factor 8
- 937 Google Tiles Coordinates Zoom Factor 9
- 938 Google Tiles Coordinates Zoom Factor 10
- 939 Google Tiles Coordinates Zoom Factor 11
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- 943 Google Tiles Coordinates Zoom Factor 15
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- 948 Google Tiles Coordinates Zoom Factor 20
- 949 Google Tiles Coordinates Zoom Factor 21
- 950 Google Tiles Coordinates Zoom Factor 22
- 951 Google Tiles Coordinates Zoom Factor 23
- 959 (Google) Plus Code / Open Location Code (8+7 Center)
- 960 (Google) Plus Code / Open Location Code (8+7 SW-Corner)
- 961 (Google) Plus Code / Open Location Code (8+2 Center)
- 962 (Google) Plus Code / Open Location Code (8+2 SW-Corner)
- 963 (Google) Plus Code / Open Location Code (2/4 Center)
- 964 (Google) Plus Code / Open Location Code (2/4 SW-Corner)
- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 500 Cartesian coordinates
- Reference Systems
- 265 Google Spherical Mercator (weltweit), geocentric, WGS84
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

GPS Measurements - ITRS epochs

Coordinate Systems

- 6 Geographic coordinates (Greenwich) [deg]
- 32 Geographic coordinates (Greenwich) [deg,min]
- 1 Geographic coordinates (Greenwich) [deg,min,sec]
- 3 UTM coordinates (northern hemisphere)
- 60 UTM coordinates (southern hemisphere)
- 500 Cartesian coordinates

Reference Systems

- 712 ITRF2014 [WGS84 G1934] (worldwide), geocentric, WGS84
- 711 ITRF2008 [WGS84 G1762] (worldwide), geocentric, WGS84
- 710 ITRF2005 [WGS84 G1674] (worldwide), geocentric, WGS84
- 709 ITRF2000 [WGS84 G1150] (worldwide), geocentric, WGS84
- 708 ITRF90 [WGS84 G730] (worldwide), geocentric, WGS84
- 10 WGS84 (Worldwide GPS), geocentric, WGS84
- 208 Source Reference System in an arbitrary NTV2 file
- 209 Target Reference System in an arbitrary NTV2 file

--- User definitions -----

User-defined systems

Coordinate Systems

- 1000 First user-defined Coordinate System
(must be defined by function setUserCoordSys1())
- 1100 Second user-defined Coordinate System
(must be defined by function setUserCoordSys2())

Reference Systems

- 0 Standard Reference System
(see: Coordinate Systems / Standard RefSys)
- 1000 User-defined geodetic Reference System

(must be defined by function setuserrefsys())

- 1100 Without Reference System Transition on standard ellipsoids
 - 1150 Without Reference System Transition on user defined ellipsoids
 - 1200 Without Reference System Transition and Ellipsoid Transition
- [End of List]

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