

Tropospheric models in GINS

Mapping functions

- 01 : Marini
- 02 : Mendes (fcula)
- 03 : Mendes (fculb) (input: doy + lat. and alt. of stations)
- 04 : Azoulay (parameter epsilon is determined when CNET ZTD models used, otherwise $\epsilon=0.0017$)
- 05 : **Guo et Langley** (2 MF: 1 dry, 1wet)
- 06 : Niell (2 MF: 1 dry, 1wet)
- 07 : GMF (Global Mapping Function) (2 MF: 1 dry, 1wet)

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Zenithal Tropospheric Models

- 01 : Marini-Murray (input: station's met data + laser wave length)
- 02 : Saastamoinen (input: ground pression + laser wave length)
- 03 : Mendes (input: station's met data + laser wave length)
- 04 : CNET-1 (input: station's met data)
- 05 : CNET-2 (input: station's met data)
- 06 : CNET-3 (input: station's met data)
- 07 : Hopfield (input: station's met data)
- 08 : Hopfield for Doris (coindices de ccir 1963)
- 09 : No model; initial value = 2.20 m
- 10 : Saastamoinen; dry component only
- 11 : **Wet and Dry ZTD derived from ECMWF met grids** (starting end of 2001)