### SWISS EPHEMERIS for the year 1981

**heliocentric**

#### JANUARY 1981

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Delta T = 51.45 sec. created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]
### SWISS EPHEMERIS for the year 1981
#### heliocentric

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Created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]
### NOVEMBER 1981

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Delta T = 52.10 sec. created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]