_Golden.pdf Rev.A 2026.04.04 Free, *e.g.:*
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I generated the datasets Using the U.S. Naval Observatory's
"Interactive Computer Ephemeris" software:
ICE.EXE: January 31,1989 version, Which they distributed
on a single 1.44mb floppy disk.
The program is A brilliant work-product of Astronomical Science!

Golden Data:

"Real world",
extremely accurate
Very long duration
profoundly complicated
cyclic patterns.

Ideal standard baseline datasets:
For learning, exploring, exercising, and demonstrating wisdom
When the underlying data is ~flawless, i.e. not the problem!
Noise is the nemesis of predictive comprehension.
Complex-variables analysis may de-mystify cyclic catastrophes.

The datasets are The 3D locations of the Sun and Planets measured with respect to Julian Date-&-Time in astronomical units ("au"'s) in Barycentric (solar system center-of-mass) coordinates.
1.0 au = 149,597,870,700.0 meters, i.e. ~ 149. billion meters.
Every line of data is one body's 3D location at one Julian date-&-time.

```
10/01/1988  12:00 AM             6,636 _READ.ME<-U.S Naval Observatory intro.
03/17/2026  08:21 AM               233 ICE.DFT <- ICE.EXE reads this ASCII file

Files: 1000 observations/body:
  One observation/day: January 1, 2025 -to- September 27, 2027
03/16/2026  02:26 PM           481,272 InnerPlanets-PerDayX1000.txt
10 day intervals:    January 1, 2005 -to-    May     9, 2032
03/16/2026  02:40 PM           481,272 OuterPlanets-10DayX1000.txt
                                       ...Jupiter+
Files: 907000 observations/body:
  One observation/day: January 1, 1801 -to-   April   29, 2049
03/17/2026  05:29 AM         7,256,212 Sun90700.txt        both
03/17/2026  05:53 AM         7,256,212 Mercury90700.txt    Inner
03/17/2026  05:50 AM         7,256,212 Venus90700.txt
03/17/2026  05:42 AM         7,256,212 Earth90700.txt
03/17/2026  05:39 AM         7,256,212 Mars90700.txt       _____
03/17/2026  07:45 AM         7,256,212 Jupiter90700.txt    Outer
03/17/2026  07:58 AM         7,256,212 Saturn90700.txt
03/17/2026  07:42 AM         7,256,212 Uranus90700.txt
03/17/2026  07:59 AM         7,256,212 Neptune90700.txt
03/17/2026  08:10 AM         7,256,212 Pluto90700.txt      _____
03/17/2026  05:46 AM         7,256,212 Moon90700.txt <- w.r.t. Earth-Moon
           15 File(s)     80,787,745 bytes                  Barycenter
```

**** Links: *** - to this file:*
https://ftp.setterholm.com/WorldPeace/Golden/_Golden-Readme.pdf
- to my free baseline datasets:
https://ftp.setterholm.com/WorldPeace/Golden/Data