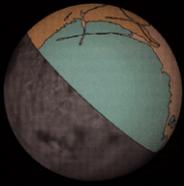




PLUTO

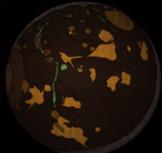


TRITON
2X

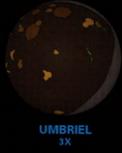
NEPTUNE



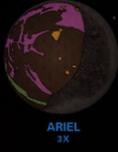
OBERON
3X



TITANIA
3X



UMBRIEL
3X



ARIEL
3X



MIRANDA
3X

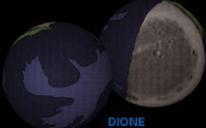
URANUS



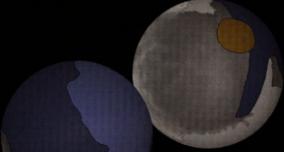
TETHYS
3X



ENCELADUS
3X

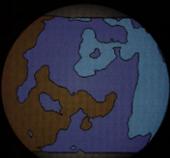


DIONE
3X



RHEA
3X

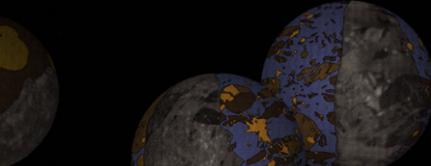
SATURN



TITAN



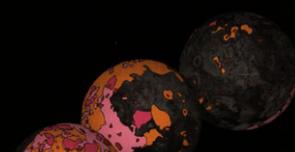
CALLISTO



GANYMEDE



EUROPA



IO

KEY TO THE OUTER SATELLITES

[Relative ages of units are specific to each body]

WATER ICE UNITS

Light

Young, clean, lightly cratered

Older, often moderately cratered

Oldest, often heavily cratered

Dark

Young, dirty, may be lightly cratered

Older, dirtier, often moderately cratered

Oldest, dirtiest, heavily cratered

ICE UNITS OF TRITON AND PLUTO

Bright, mostly nitrogen ice

Cantaloupe-texture terrain of Triton

Hummocky and highland terrains

Dirty nitrogen ice with methane

VOLCANIC UNITS

Vents on Io

Intervent and layered plains on Io

Plains-forming flows on Io

Volcanic constructs on Io

Ice flows of Ariel and Enceladus

OTHER UNITS

Canyon unit

Mottled terrain of Europa

Mountain-forming unit of Io

Cryoseae of Miranda

IMPACT UNITS

Youngest crater units

Intermediate age crater units

Oldest crater units

Youngest basin materials

Oldest basin materials

KEY TO THE TERRESTRIAL PLANETS

[Areas with the same color on different bodies are not necessarily the same age]

IMPACT UNITS

Youngest crater units

Intermediate age crater units

Oldest crater units

Youngest basin materials

Oldest basin materials

SEDIMENTARY UNITS

Water ice on Earth, water and CO₂ ice on Mars

Windblown and layered polar units of Mars

Landslide and glacial deposits of Mars

Channel and flood plain deposits

Canyon deposits and chaotic terrain

SEDIMENTARY AND/OR METAMORPHIC UNITS

Younger, mixed

Intermediate age, mixed

Oldest, mixed on Earth, Compressional belts on Venus

Oldest, altered, intermixed with igneous rocks

Undivided metamorphic, sedimentary and igneous

HIGHLAND VOLCANIC OR IGNEOUS UNITS

Youngest

Intermediate age

Oldest

Old, interbedded with eolian units (Mars)

All ages, undivided

LOWLAND VOLCANIC UNITS

Youngest

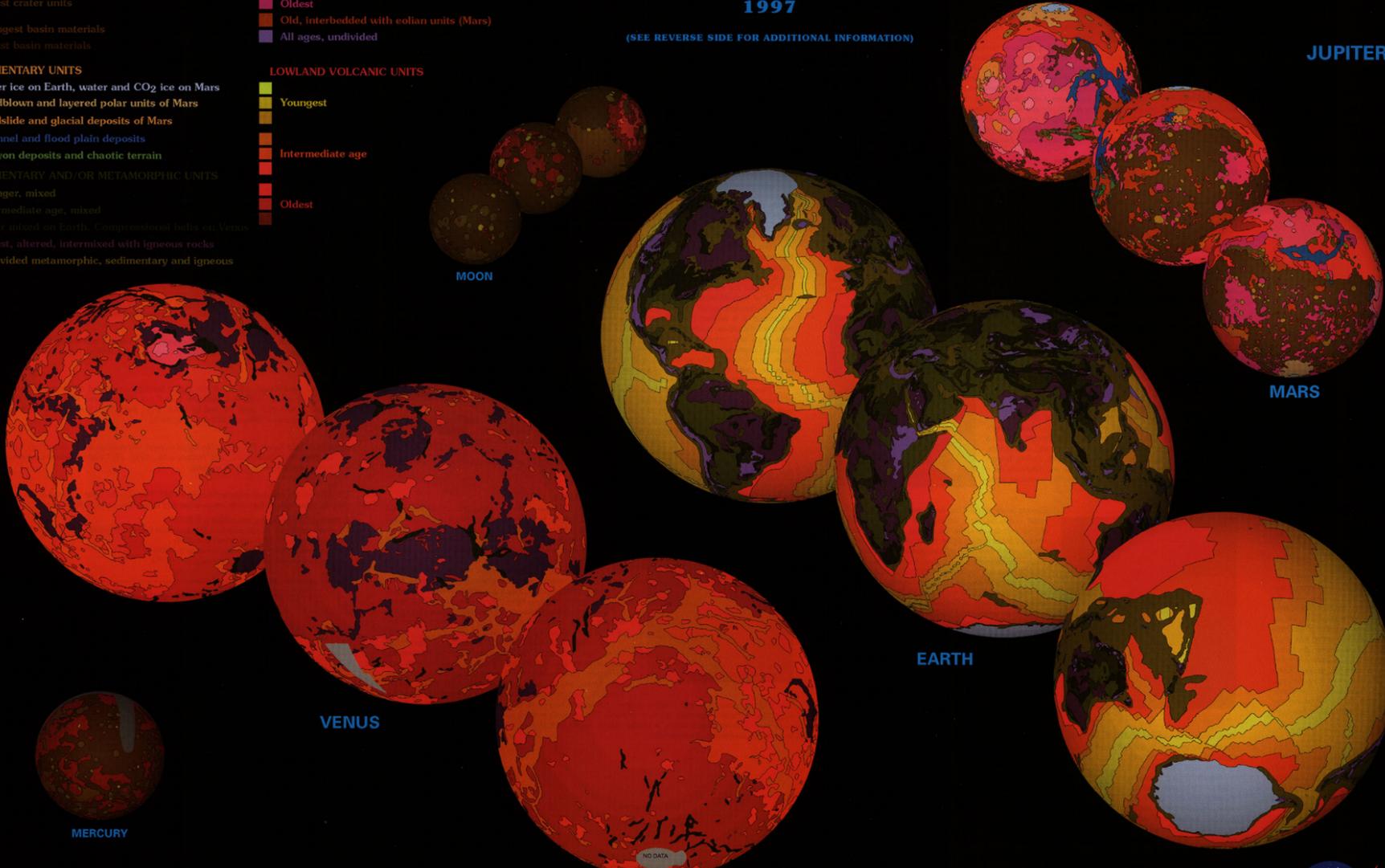
Intermediate age

Oldest

GEOLOGY OF THE SOLAR SYSTEM

1997

(SEE REVERSE SIDE FOR ADDITIONAL INFORMATION)



JUPITER

MARS

EARTH

VENUS

MERCURY



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