Geologic map of the Imdr Regio area of Venus.

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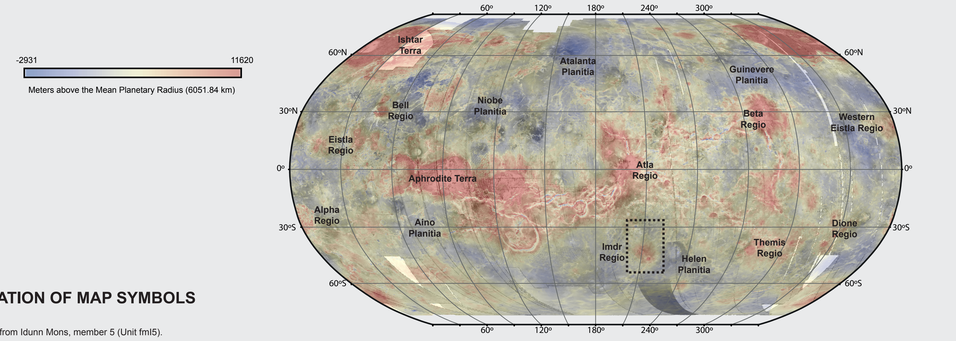


Figure 1. Global map of Venus showing the principal geographic and geologic features of the planet. The box indicates the location of the map area (Left-looking/Cycle 1 Magellan global mosaic and altimetry data in Robinson projection).

EXPLANATION OF MAP SYMBOLS

- Flows from Idunn Mons, member 5 (Unit fml5).
- Flows from Idunn Mons, member 4 (Unit fml4).
- Flows from Idunn Mons, member 3 (Unit fml3).
- Flows from Idunn Mons, member 2 (Unit fml2).
- Flows from Idunn Mons, member 1 (Unit fml1).
- Flows from Olapa Chasma (Unit fchO).
- Flows from unnamed patera (Unit fpu).
- Flows from Ignirtoq Tholi (Unit ftl).
- Flows from Firtos Mons (Unit fmF).
- Flows from Arasy Mons (Unit fmA).
- Flows from Kupo Patera (Unit fpK).
- Shield field and associated materials in eastern Olapa Chasma (Unit sfEO).
- Shield field and associated materials in western Olapa Chasma (Unit sfWO).
- Shield field and associated materials in northern Olapa Chasma (Unit sfNO).
- Shield field and associated materials in eastern Wawalag Planitia (Unit sfW).
- Shield field and associated materials near Payne-Gaposchkin Patera (Unit sfPG).
- Crater flow material, undivided (unit cfmu).
- Crater material, undivided (unit cu).
- Textured plains, undivided (unit tpu).
- Smooth plains, undivided (unit spu).
- Lower plain materials, undivided (unit lpmu).
- Tessera terrain undivided (unit tu).

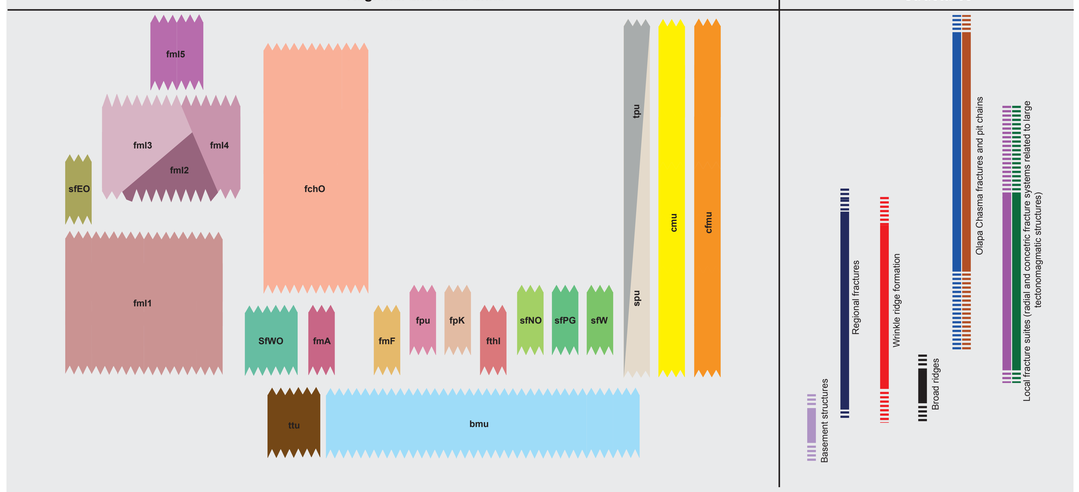
Secondary structures

- Broad topographic rim.
- Pit chain.
- Olapa Chasma fractures (balled when graben).
- Concentric fractures.
- Radial fractures (balled when graben).
- Wrinkle ridges.
- Regional fractures.
- Basement structures.

Primary structures

- Surficial dust cover (impact-related halo)
- Hummocky terrain (debris apron).
- Gradual contact.
- Contact (dashed where approximate).
- Flow lobes.
- Flow direction.
- Channel.
- Large and intermediate volcanic edifices (dashed when embayed or modified).
- Small volcano.
- Crater rim.

SEQUENCE OF MAP UNITS AND STRUCTURES



0 500 km 1000 km

1:5.000.000

Projection: Mercator
Center Longitude: -140.0
Equatorial Radius: 6051800.0
Polar Radius: 6051800.0
Latitude Type: Planetocentric
Minimum Latitude: -55.0
Maximum Latitude: -25.0
Minimum Longitude: -165.0
Maximum Longitude: -135.0

Venus_Magellan-Leftlook-mosaic-global_75m
Venus_Magellan-Rightlook-mosaic-global_75m
Resolution: 150 meters/pixel
Data source: https://astrogeology.usgs.gov/search/results?q=MAP2&k1=target&v1=Venus
Basemaps credits: USGS Astrogeology Science Center
Nomenclature taken from the Gazetteer of Planetary Nomenclature of the International Astronomical Union (IAU)