

I-2610 (V-59)

- Contact—Dashed where approximately located, indefinite, gradational, or inferred; dotted where concealed/buried; queried where uncertain
- Fault, lineament, or fracture—Origin uncertain
- Ridge crest
- Narrow (wrinkle) ridge
- Broad, smooth ridge
- Trough
- Small, elevated plateau
- Scarp base—Barb points downslope; dashed where approximately located, indefinite, gradational, or inferred; queried where uncertain
- Flow scarp—Hachures on downslope side; queried where uncertain
- Flow direction
- Channel (anall)—Three dots where structureless or indefinite
- Crater material—Hachures on rim crests
- Small shield (less than 20 km across)
- Large edifice (20-50 km across)
- Steep-sided edifice 20-50 km—Dotted where concealed/buried
- Wind streaks (arrow points in inferred wind direction)

I-2613 (V-40)

- Contact—Dashed where approximately located, queried where uncertain
- Lobate front—Ticks point downslope; dashed where approximately located. Interpreted as a lava or impact-crater flow front
- Narrow channel—Arrows point in direction of flow. Interpreted as lava channel
- Linear scarp—Line marks top of scarp; barbs point downslope
- Graben—Many are schematic and representative of numerous unmapped features
- Lineament—Radar-bright linear feature of indiscernible morphology. Interpreted as a fracture
- Ridge—Fairly wide (>5 km), symmetric highs, extending several tens to hundreds of kilometers. Many are schematic and representative of numerous unmapped features
- Wrinkle ridge—Narrow, sinuous highs having asymmetric profiles
- Corona annulus ridge—Somewhat concentric, asymmetric ridge following trend of annulus rings; shows axial trace and plunge. Short arrow indicates steeper limb or scarp bounding corona trough
- Corona trough—Barbs point to trough axis
- Large cone—More than 75 km diameter. Interpreted as volcanic shield
- Small depression—Depth <2 km; some interpreted as calderas
- Large depression—Depth greater than or equal to 2 km. Most form part of Paria Chasma
- Spotch—Circular, radar-bright halo on surface. Interpreted as result of unknown surface changes due to atmospheric shock waves from impacting body
- Small tholi—Conical hill; diameter 50 to 5 km. Interpreted as small volcanic edifice; size of circle indicates size and shape of cone
- Impact crater—Shows rim; lobate deposit denotes impact melt outflow
- Nova

I-2620 (V-43)

- Contact—Dashed where inferred, queried where unknown
- Lineament
- Ridge
- Wrinkle Ridge
- Graben
- Scarp base—Barb points downslope
- Channel
- Flow direction—Volcanic
- Depression
- Steep-sided construct—Diameter less than 20 km
- Volcanic construct—Diameter 10 to 20 km
- Crater rim—Diameter greater than 20 km
- Crater rim—Diameter less than 20 km

I-2637 (V-20)

- Contact—Dashed where gradational or approximate
- Graben
- Major rift fault—Bar and ball on downthrown side
- Radar-bright lineament
- Fabric of short radar-bright lineaments—Schematic
- Ridge
- Wrinkle ridge—Schematic
- Lava flow direction
- Channel
- Dome or shield
- Endogenic crater—Interpreted as caldera
- Airburst spot
- Crater rim—Showing crest

I-2684 (V-55)

- Contact—Dashed where approximately located
- Ridge
- Wrinkle ridge
- Furrow
- Sharp groove
- Subdued groove
- Lava flow front—Arrow indicates flow direction
- Lava channel
- Corona
- Rim of impact crater (>10 km diameter)
- Central peak of impact crater
- Rim of impact crater (<10 km diameter)
- Depression

I-2721 (V-5)

- Contact—Dashed where approximate; dotted where buried; queried where uncertain
- Impact crater rim—5-20 km diameter
- Impact crater rim—≥20 km diameter
- Depression
- Corona annulus
- Flat-topped volcanic dome—Diameter ≥10 km
- Volcanic shield with flow
- Flow direction
- Shield field
- Aeolian feature
- Ridge
- Wrinkle ridge
- Lineament
- Graben—Dotted where buried
- Channel—Dotted where buried
- Spotch feature

I-2743 (V-9)

- Contact—Dashed where gradational or inferred
- Graben
- Radar-bright lineament
- Wrinkle ridge—Schematic
- Lobate scarp
- Flow direction—Volcanic
- Dome or shield
- Endogenic crater or caldera
- Pit crater or chain of craters
- Crater rim
- Central peak
- Detached lobe—Interpreted as debris apron from southern edifice of Otafuku Tholi, likely formed by slope failure
- Mantling material—Interpreted as fine-grained material that mantles underlying surface and reduces backscatter return
- Caldera floor material—Interpreted as fine-grained deposit formed by surface-atmosphere interaction in calderas of Tepev Mons

I-2647 (V-44)

- Contact—Dashed where approximately located; dotted where buried
- Fault or lineament—Origin uncertain or representation of general fabric trend
- Graben
- Thrust fault or ramp—Sawtooth on upper plate
- Ridge crest
- Wrinkle ridge
- Trough or narrow depression
- Crater rim—Showing crest
- Central peak on crater floor
- Channel or sinuous rille
- Flow direction
- Large dome—More than 15 km across
- Small volcano—Less than 20 km across

I-2752 (V-37)

- Contact—Dashed where gradational or uncertain; dotted for possible contact
- Major scarp—Ticks on down side
- Fault or fracture—Generally associated with fracture zone
- Concentric fracture—Associated with corona
- Radial fracture—Associated with corona
- Arcuate fracture—Associated with units b62 and t20. Dashed where partly buried
- Regional fracture—Dashed where partly buried
- Fold crest
- Broad ridge crest—Generally associated with corona
- Broad warp
- Wrinkle ridge
- Ribbon trends
- Crater rim crest—Hachures when diameter greater than 20 km across; no hachures when diameter less than 20 km across
- Small shields—Less than 10 km across
- Large shield or dome—Greater than 10 km across
- Channel
- Fracture zone
- Airburst spot
- Lava flow direction
- Slide material—Interpreted to be result of mass wasting along trench slope

I-2779 (V-46)

- Contact—Dashed where approximately located or arbitrarily located based on edifice densities
- Wrinkle ridge—Interpreted as compressional deformation analogous to lunar and martian wrinkle ridges
- Lineament
- Graben—Bar and ball on downthrown side
- Normal fault—Bar and ball on downthrown side
- Scarp—Line marks top of slope; hachures point downslope
- Ridge crest—Large-scale topographic features commonly associated with corona
- Trough—Large-scale topographic features associated with corona
- Channel, narrow and sinuous—Interpreted as formed by lava erosion
- Volcanic edifice >15 km
- Volcanic dome 5-40 km
- Impact crater rim
- Superficial crater material having weak radar backscatter coefficient
- Depression

I-2783 (V-25)

- Contact—Dashed where approximate
- Gradational contact—Unit grades laterally to regional materials
- Wrinkle ridge crest
- Other ridge crest
- Warp—Ridge more than 20 km wide
- Lineament—Interpreted as fracture or dike
- Scarp—Interpreted as normal fault
- Trough—Interpreted as shallow graben
- Impact Crater
- Small volcanic shield
- Volcanic steep-sided dome
- Pit chain
- Flow direction
- Channel-form
- Crater-associated ejecta halo
- Halo without associated crater

I-2792 (V-4)

- Contact—Dashed where approximately located
- Ridge
- Wrinkle ridge
- Sharp groove
- Subdued groove
- Flow front—Arrow indicates flow direction
- Channel
- Corona
- Rim of impact crater (>10 km diameter)
- Central peak of impact crater
- Rim of impact crater (<10 km diameter)

I-2794 (V-8)

- Contact—Dashed where approximate
- Graben
- Wrinkle ridge
- Large ridge
- Ridge belt
- Channel
- Dome or shield—Diameter >10 km
- Dome or shield—Diameter <10 km
- Depression or caldera
- Crater rim—Hachures when diameter greater than 10 km across; no hachures when diameter less than 10 km across; dashed where rim is missing
- Central peak
- Airburst spot
- Penetrative lineations—Within tessera terrain
- Radar-bright lineament—Schematic
- Secondary crater chain or cluster
- Reticulate pattern on plains

I-2808 (V-35)

- Contact—Dashed where approximately located
- Flow direction
- Ribbon
- Ridge—Interpreted as fold crest
- Radial fracture—Typically associated with corona
- Chain craters
- Fault—Ball and bar on downthrown side
- Belt fracture
- Closely spaced (<2 km) ridges
- Moderately spaced (5-10 km) ridges
- Broad ridge crest—Typically associated with coronae
- Fine lineament—Typically very closely spaced (< 1km)
- Depression
- Channel
- Small shield—Less than 10 km across
- Crater rim—Showing crest and central peak
- Area of penetrative secondary structures

SIM 2813 (V-39)

- Contact—Dashed where approximately located
- Fault, lineament, or fracture—Origin uncertain
- Graben
- Ridge crest
- Wrinkle ridge
- Scarp top—Barbs point downslope
- Circular scarp
- Steep-sided volcanic dome
- Depression
- Crater rim (diameter >10 km)—Hachures on rim crest
- Crater rim (diameter <10 km)
- Caldera
- Volcano <5 km diameter
- Volcano pit or caldera
- Flow direction
- Surficial, diffuse material

SIM 2870 (V-13)

- Contact—Dashed where approximately located or gradational
- Lava channel
- Sharp groove
- Subdued groove
- Flow front—Arrow indicates flow direction
- Ridge
- Wrinkle ridge
- Tessera structures—Ridges (thick lines), grooves (narrow lines), wide grooves (narrow lines with dot)
- Topographic trend continuing ridge belts
- Scarp
- Coronalike feature
- Calderalike depression
- Steep-sided dome (>5 km diameter)
- Small shield (<10 km diameter)
- Rim of impact crater (>10 km diameter)
- Rim of impact crater (<10 km diameter)
- Central peak of impact crater

SIM 2897 (V-21)

- Contacts—Dashed where approximately located
- Sinuous rille
- Fracture
- Wrinkle ridge
- Ridge
- Graben
- Calakomana Corona boundary
- Flow direction
- Dome
- Dome or circular scarp—Hachures point downslope
- Caldera or pit crater
- Crater rim showing crest
- Chain craters
- Surficial materials—Fine-grained material, likely produced by impact events, that mantles the underlying surface and reduces backscatter return. Radar-dark deposits with feathery margins occur as regional deposits, linear or arcuate streaks, and accumulations along east edges of topographic features such as wrinkle ridges

I-2898 (V-31)

- Contact—Dashed where approximately located or arbitrarily located based on edifice densities. Internal contact separates volcanic centers
- Wrinkle ridge—Compressional deformation analogous to Lunar and Martian wrinkle ridges
- Lineament
- Curvilinear lineament—Surface manifestation of subsurface dikes
- Ridge—Large-scale topographic features commonly associated with coronae. Barbs point downslope from ridge crest
- Trough—Large-scale topographic features commonly associated with coronae. Barbs point downslope towards trough
- Graben—Bar and ball on downthrown sides of widely separated boundary faults; ball on line where boundary faults closely spaced
- Scarp—Line marks top of slope; hachures point downslope
- Channel, narrow and sinuous—Formed by lava erosion
- Volcanic edifice (<15 km diameter)
- Volcanic edifice (>15 km diameter)
- Volcanic dome (5-40 km diameter)
- Inferred flow direction of flow lobe
- Caldera or depression—Volcanic in origin. Formed by collapse
- Impact crater rim
- Superficial crater material—High-radar-backscatter coefficient
- Superficial crater material—Low-radar-backscatter coefficient

SIM 2920 (V-61)

- Contact—Dashed where approximately located
- Ridge
- Wrinkle ridge
- Sharp groove
- Subdued groove
- Flow front—Arrow indicates flow direction
- Volcano
- Channel
- Steep-sided dome
- Depression
- Corona
- Rim of impact crater (>10 km diameter)
- Central peak of impact crater
- Rim of impact crater (<10 km diameter)

SIM 3018 (V-3)

- Contact—Dashed where approximately located
- Wrinkle ridge
- Ridge
- Subdued groove
- Sharp groove and graben
- Lineament in groove belt
- Lineaments in densely lineated material
- Flow front—Arrow indicates flow direction
- Small shield
- Corona
- Steep-sided dome
- Depression
- Structures in tessera
- Rim of impact crater (>10 km)
- Inner ring of Wharton impact crater
- Central peak of impact crater
- Rim and center of impact crater (<10 km)

SIM 3023 (V-17)

- Contact—Dashed where approximately located
- Ridge
- Wrinkle ridge
- Graben
- Fault or lineament
- Channel
- Corona
- Rim of impact crater (>10 km diameter)
- Inner rim of impact crater
- Central peak of impact crater
- Rim of impact crater (<10 km diameter)
- Spotch
- Dark halo