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| --- | --- | --- | --- | --- | --- |
| **Terrestrial Planet (and Lunar) Features Matrix** | **Earth** | **Venus** | **Mars** | **Mercury** | **Moon** |
| **Interior** | | | | | |
| Relative size (L/M/S) |  |  |  |  |  |
| Active geology now? |  |  |  |  |  |
| Magnetic field? |  |  |  |  |  |
| **Surfaces** – processes from the world’s distant past | | | | | |
| Craters visible from 3-4 billion years ago? |  |  |  |  |  |
| Visible signs of ancient tectonics, lava flows? |  |  |  |  |  |
| Visible signs of ancient erosion? (Source?) |  |  |  |  |  |
| **Surfaces** – processes from the recent past and ongoing processes | | | | | |
| Recent craters? |  |  |  |  |  |
| Recent volcanism and tectonics? (Specify) |  |  |  |  |  |
| Recent erosion? (Source?) |  |  |  |  |  |

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|  | **Earth** | **Venus** | **Mars** | **Mercury** | **Moon** |
| **Atmosphere and Water** | | | | | |
| Substantial atmosphere? |  |  |  |  |  |
| Primary composition of atmosphere if present? |  |  |  |  |  |
| Greenhouse effect? |  |  |  |  |  |
| Seasonal changes? |  |  |  |  |  |
| Surface liquid water? |  |  |  |  |  |