



THE RED PLANET

1:21 100 000 | 1 cm = 211 km

Mars, in its most ancient, warmest period, could have lots of water on the surface. Even today you can see traces of ancient rivers, lakes and probably even seas. However, this water got frozen billions of years ago. The dry surface has been shaped by winds and frost for the last hundreds of millions of years. Volcanoes, reaching even beyond the upper limit of the dusty atmosphere, are all extinct – or are they perhaps not all dead yet? In some places quiet fresh lava flows are visible. So far, neither life nor traces of life have been found on Mars. Main area types of Mars are: the southern, densely cratered areas, northern plains, the canyon system of Mariner Valley, two large volcanic rises, two southern basins and the large polar ice caps.

The colours indicate areas with different heights.

- Red: prominences.
- Orange: densely cratered highlands.
- Yellow: lowlands, plains.
- White and light yellow: deep basins, trenches and valleys.

