

Morphological indications of water activity on Mars

Bachelor thesis deals with morphological indications of water activity on the Mars surface. In the papers are summarized and characterized the structures and forms on the surface of planet Mars, which originated in the past by water in gaseous, liquid or solid form. Based on research articles and expert studies, a bachelor thesis has been composed. It provides the summary of shapes on the Mars surface, which were created by water activity. There are many water formed parts of the Martian surface nowadays: valley networks, an extensive basin in the northern hemisphere, which is the remnant of antient ocean, craters lakes in the past, water bound as a solid component of polar caps and many others. The development of water-formed shapes of the Martian surface is described, and these shapes are also located on a brief map. In presented study is elaborated a comprehensive and complex view to morphological indications of the water activity on Mars.