

Ages and stratigraphy of mare basalts in Mare Moscoviense

Tomokatsu Morota[1]; Junichi Haruyama[1]; Chikatoshi Honda[2]; Makiko Ohtake[1]; Yasuhiro Yokota[1]; Jun Kimura[3]; Tsuneo Matsunaga[4]; Yoshiko Ogawa[4]; Naru Hirata[5]; Hirohide Demura[5]; Akira Iwasaki[6]; Hideaki Miyamoto[7]; Ryosuke Nakamura[8]; Yoshiaki Ishihara[9]; Sho Sasaki[9]; Hiroshi Takeda[10]

[1] ISAS/JAXA; [2] JAXA; [3] Dept. CosmoSci., Hokkaido Univ.; [4] NIES; [5] Univ. of Aizu; [6] Aeronautics and Astronautics, Tokyo Univ; [7] The University Museum, Univ. Tokyo; [8] AIST; [9] RISE, NAOJ; [10] Chiba Inst. of Tech.

Mare Moscoviense fills a part of the 445 km-diameter Moscoviense basin (27N, 146E), which is in the northern hemisphere of the lunar farside. Here we report ages and thicknesses of mare basalts in Mare Moscoviense. We use high-resolution images and digital terrain models (DTMs) obtained by SELENE Terrain Camera (TC).