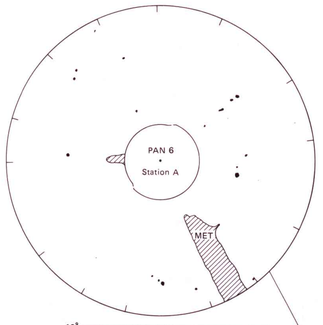
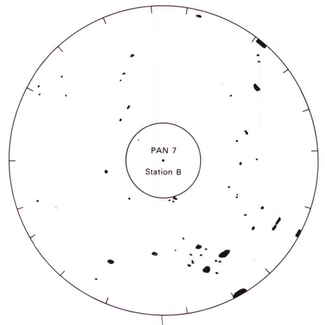
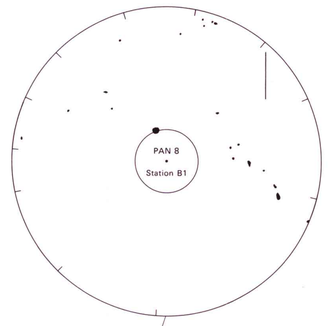
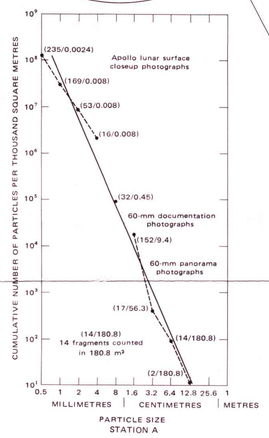
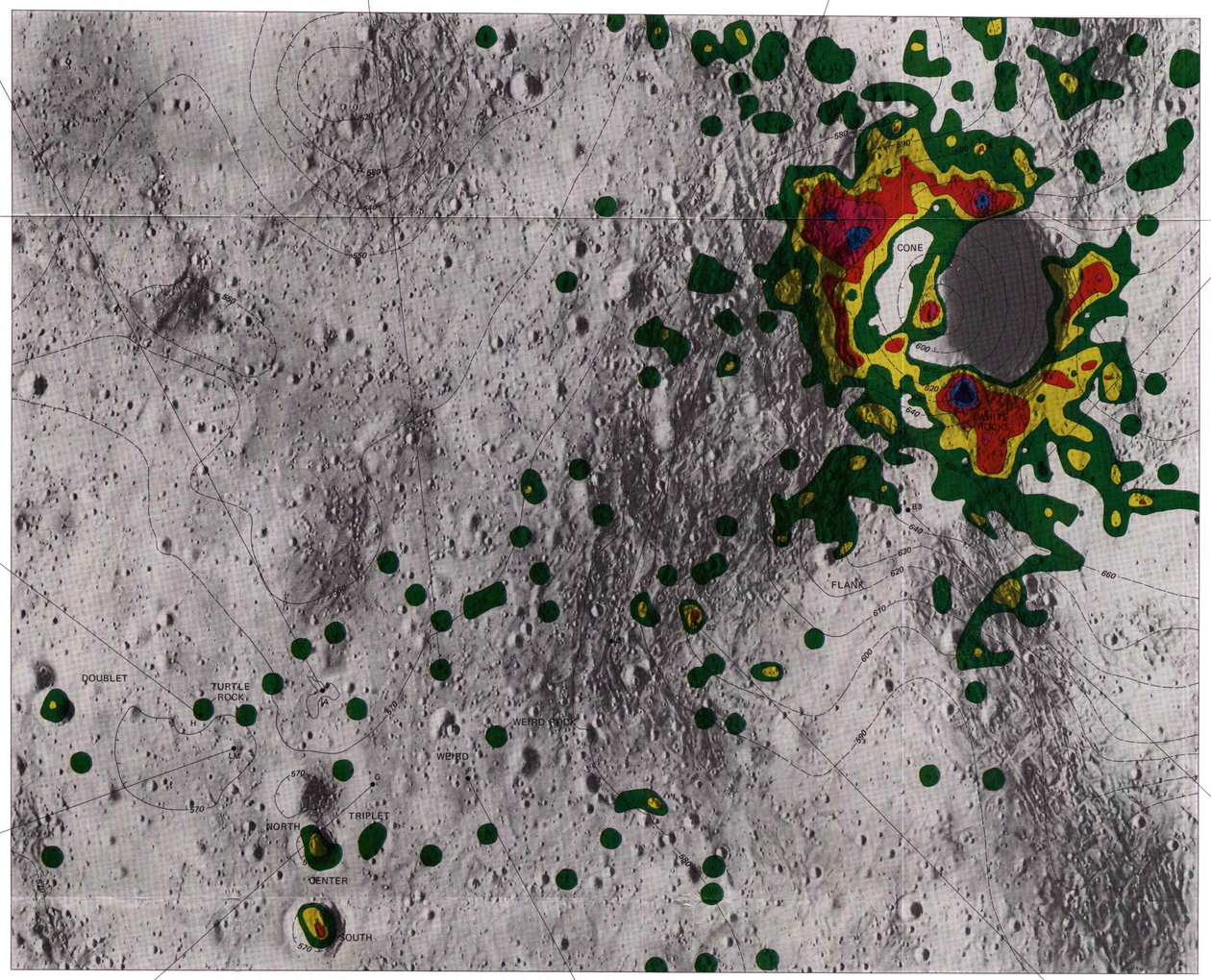
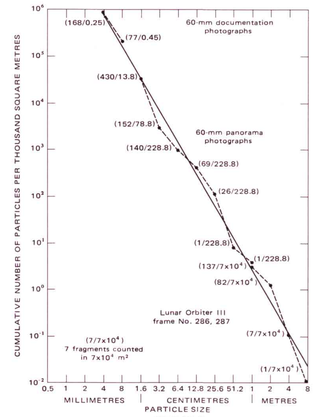


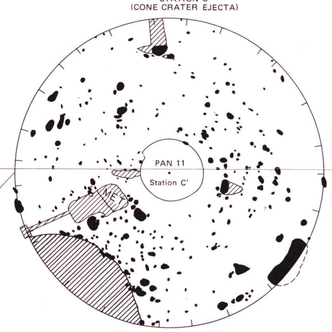


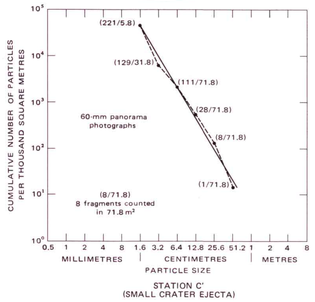












EXPLANATION

Density of boulders > 1 m per 1,000 m²

Density contours dashed where lighting conditions are poor for identification of boulders

- 0
- 1-2
- 3-5
- 6-10
- 11-15
- 16-20
- 21-25

Small rocks

Mapped from surface panorama photographs. Circular insets around the map represent areas of 10-m radius surrounding photographic panorama stations. Leaders show where panoramas were taken on the surface. Hachures in circular insets show directions of individual photographs that constitute the panoramas. Rocks larger than 10 cm in diameter within 10-m radius of panorama station are shown by solid pattern, drawn to scale. Diagonal lines show areas occulted from the camera by large rocks or the MET, or areas in shadow. Inner circles shown by fine lines indicate the near-field limit of the panoramic photographs

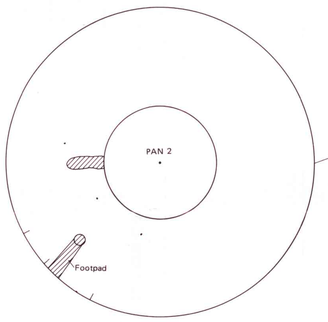
Graph of cumulative size-frequency distribution of particles

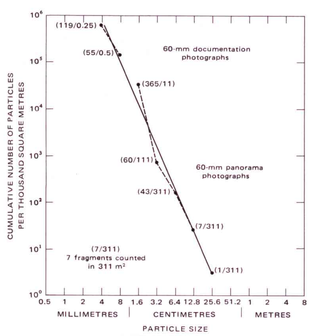
Particles were counted from panorama and documentation photographs

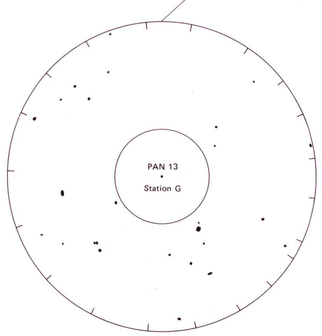
640

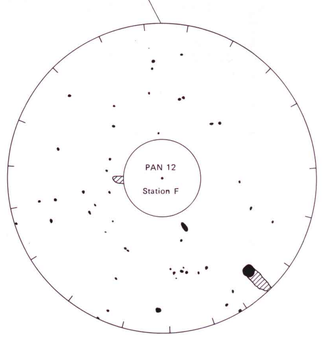
Topographic contour

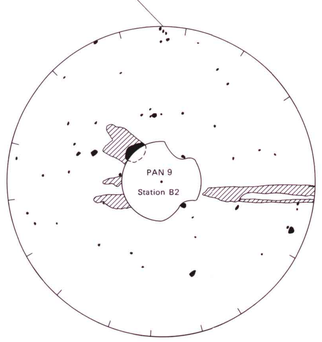
Solid line where photographic control is best; dashed line where approximate

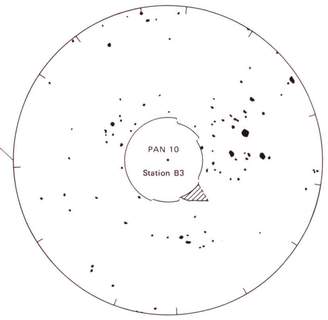


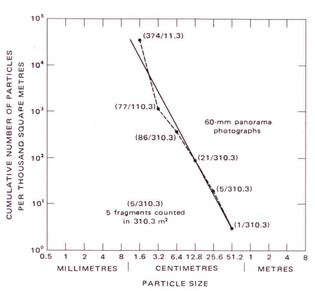


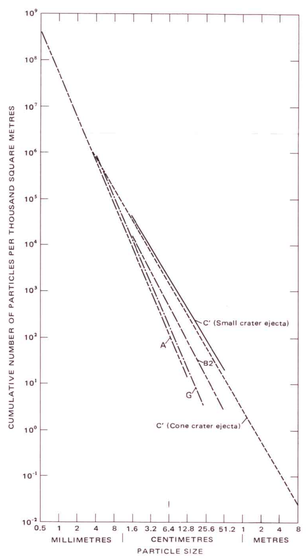












COMPOSITE OF FITTED (LEAST-SQUARES) CURVES SHOWN ON GRAPHS ON MAP MARGINS

This map was compiled from Lunar Orbiter 3 frame H-133, transformed to an approximate orthographic view by displacing feature images as a function of known camera tilt and topography as portrayed on a small-scale topographic map (Lunar Topographic Photomap, Fra Mauro, by Mapping Sciences Laboratory, NASA MSC, 3d edition, November 1970). Contour lines in the vicinity of the traverse were controlled by spot elevations computed from coordinates of features identified on H-133 and on photographic panoramas taken on the surface and are shown as solid lines. Estimated relative accuracy of the control points is ±1 m. Dashed contour lines were transferred from the NASA photomap with some modification for reasonable join to controlled contour lines. Their estimated relative accuracy is ±10 m. No attempt was made to fit contour lines precisely to topographic images

Shaded relief portrayal by Patricia M. Bridges

N

SCALE 1:5 000

100 0 500 1000 METRES

CONTOUR INTERVAL 10 METRES

☆Interior—Geological Survey, Menlo Park, CA.—1976—G74203
Prepared under NASA contract T-5874A

MAP SHOWING BOULDER DENSITY AND DISTRIBUTION OF ROCK PARTICLES AT THE APOLLO 14 LANDING SITE