

Produced by the United States Geological Survey
 Imagery recorded with Multispectral Scanner (MSS) on
 Landsat-2
 Mosaic controlled to identified mapped features
 The root-mean-square error in position of well-defined
 features in relation to the grid is estimated to be less than 110 meters
 Projection and 10,000-meter grid: Universal Transverse Mercator,
 zone 11
 100,000-foot grid ticks based on California coordinate system, zones 5
 and 6, and Arizona coordinate system, west zone
 1927 North American Datum
 To place on the predicted North American Datum 1983
 move the projection ticks 1 meter north and 74 meters east

WAVE BANDS AND COLORS

MSS wave bands used:

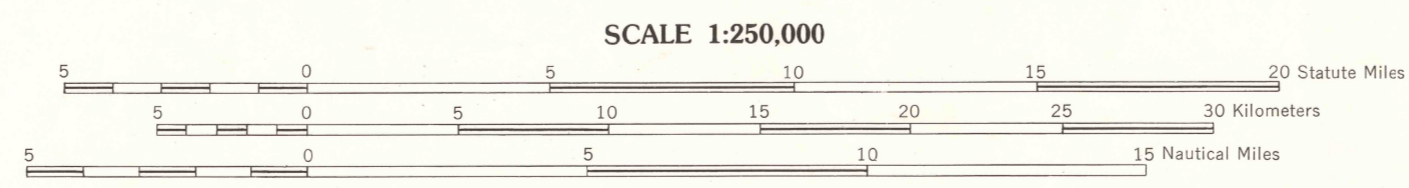
- #4 (1) 0.5-0.6 μm, green, printed in yellow
- #5 (2) 0.6-0.7 μm, red, printed in magenta
- #7 (4) 0.8-1.1 μm, near infrared, printed in cyan

Color generally relates to typical features as follows:

- Black Deep, clear water; shadow areas; and dark-rock outcrops
- Blue Shallow or turbid water
- Reddish brown Sparsely forested areas
- Bright red Growing crops and grasses
- Yellow Reddish soils and rock outcrops with sparse vegetation
- Green, greenish Soils and rock outcrops with sparse vegetation
- White Naturally white areas such as dry lake beds, light-colored rock outcrops and soil, snow, cleared areas, and salt beds

Other Sparsely vegetated rocky and soil-covered areas exhibit various colors depending on composition, texture, and terrain aspect

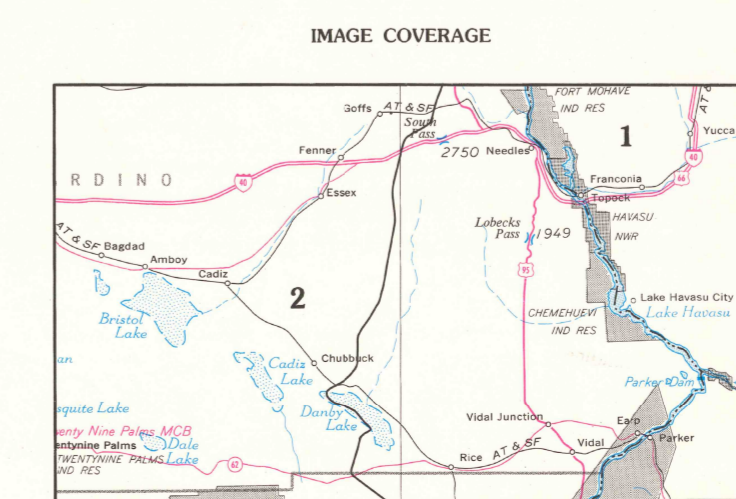
*MSS bands 4, 5, 6, and 7 were redesignated 1, 2, 3 and 4 respectively for Landsats 4 and 5



Information on indexing, cost and availability of Landsat data may be obtained from
 U. S. Geological Survey, EROS Data Center, Customer Services, Sioux Falls, South Dakota 57198

Users wishing to compare imagery with line data on
 reverse side should cut this sheet along the 115° meridian

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092



Path Row	Image ID	Date
1 041 036	E-22099-17320	October 21, 1980
2 042 036	E-22460-17335	October 17, 1981



NEEDLES, CALIF.; ARIZ.
 34114-AI-SI-250

1981