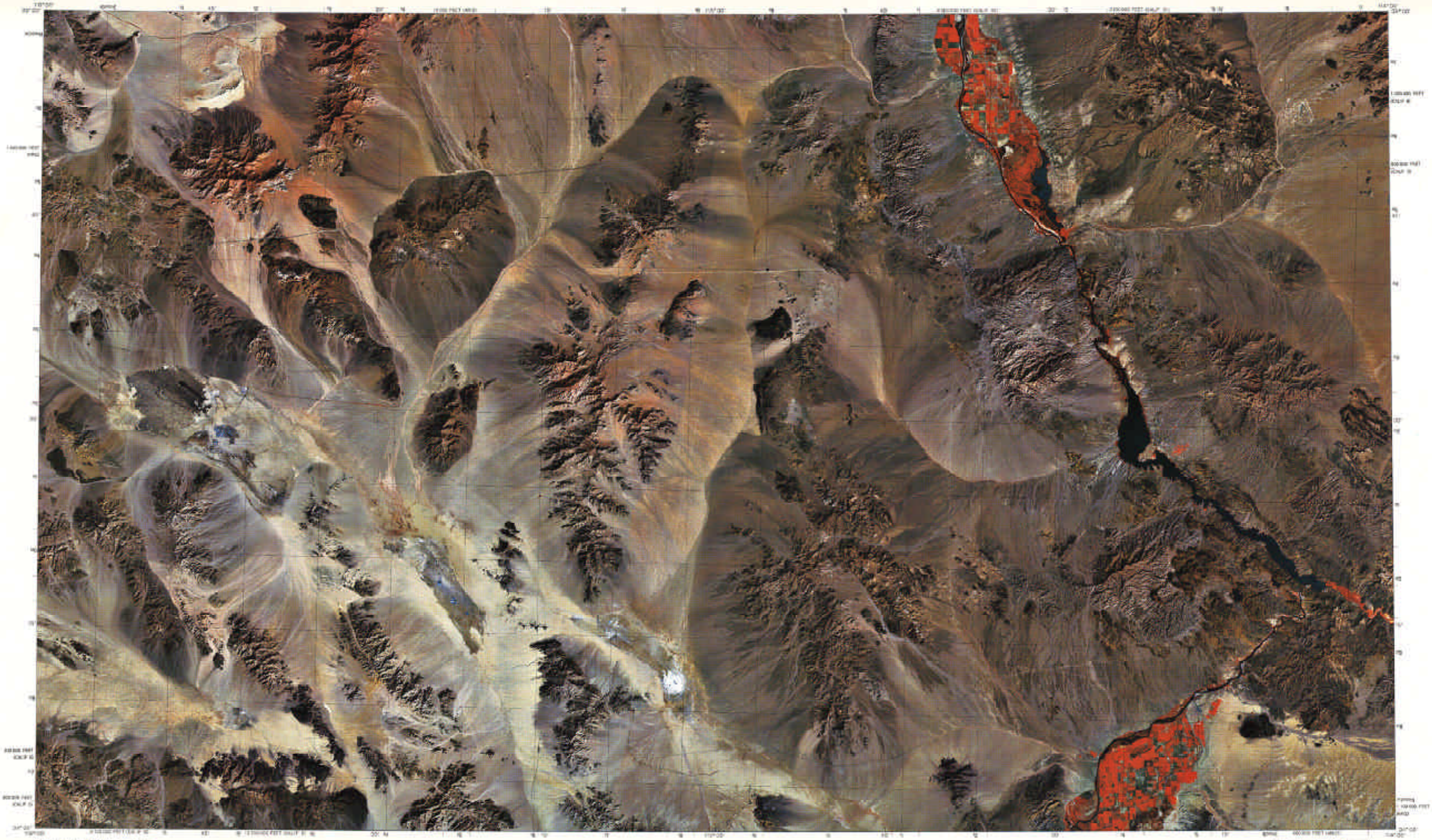
WESTERN UNITED STATES 1:250,000

NEEDLES

SATELLITE IMAGE MAP



Produced by the United States Geological Survey

Image recorded with Multispectral Scanner (MSS) on
Landsat-2
Master control/fiducial identified cropped features
The continuous mosaic was assembled and edited.
Subscene is oblique to the grid & expressed to be less than 120 meters

Projection and 10,000-meter grid: Universal Transverse Mercator, zone 11
200,000-foot grid ticks based on California coordinate system, zone 5
and 6, and Arizona coordinate system, west zone
1927 North American Datum
To adjust to the predicted North American Datum 1983
move the projection ticks 1 meter north and 74 meters east

BAND NUMBERS AND COLORS

MSS wave bands used

#4 (0.5-0.6 µm, green, pictured in yellow)
#5 (0.6-0.7 µm, red, pictured in magenta)
#7 (0.8-1.1 µm, near-infrared, pictured 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 pasture
Yellow	Reddish soils and rock outcrops with sparse vegetation
Green, greenish	Soils and rock outcrops with sparse vegetation
White	Unusually white (sand) soils and dry lake beds; light-colored rock outcrops and hill, water-cleared areas, and cirrus clouds
Other	Typically, vegetated rocky and urban-covered areas exhibit various colors depending on composition, texture, and terrain aspect.

NASA bands 4, 5, 6, and 7 were redesignated 1, 2, 3 and 4 respectively for Landsats 1 and 2.

SCALE 1:250,000

Information on ordering, 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
various sets should use the plate along the left neatline.

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

IMAGE COVERAGE

Path/Row	Image ID	Date
1 041/036	E-25109-17331	October 01, 1981
2 042/036	E-25080-17335	October 13, 1981

NEEDLES, CALIF.; ARIZ.
34114-A1-TI-250
1981