



PREPARED AND PUBLISHED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (ERTS-1, PROPOSAL SR 211)  
Imagery from NASA Earth Resources Technology Satellite (ERTS-1)  
Line and name information prepared by the U. S. Army Topographic Command, Washington, D. C. Compiled in 1954 by photogrammetric methods and from United States quadrangles, 1:62,500, 1:94,451, Revised by the U. S. Geological Survey, 1969. Minor corrections 1970  
10,000-meter Universal Transverse Mercator grid, zone 12  
1927 North American datum  
This area also covered by corresponding 1:250,000-scale topographic map

**LEGEND**

Figures in red denote approximate distances in miles between stars

**POPULATED PLACES**

Over 500,000 **LOS ANGELES**  
100,000 to 500,000 **OMAHA**  
25,000 to 100,000 **GALVESTON**  
5,000 to 25,000 **Durango**  
1,000 to 5,000  
Less than 1,000

**ROADS**

Primary, all-weather, hard surface  
Secondary, all-weather, hard surface  
Light-duty, all-weather, hard or improved surface  
Fair or dry weather, unimproved surface  
Trail  
Interchange  
Sun Valley Route markers: Interstate, U.S., State

**RAILROADS**

Single track Double or Multiple track  
Normal gauge  
Narrow gauge  
Landplane airport  
Landing area

**BOUNDARIES**

International  
State  
County

Landmark: School; Church; Other  
Spot elevation in feet  
Marsh or swamp  
Intermittent or dry stream  
Power line

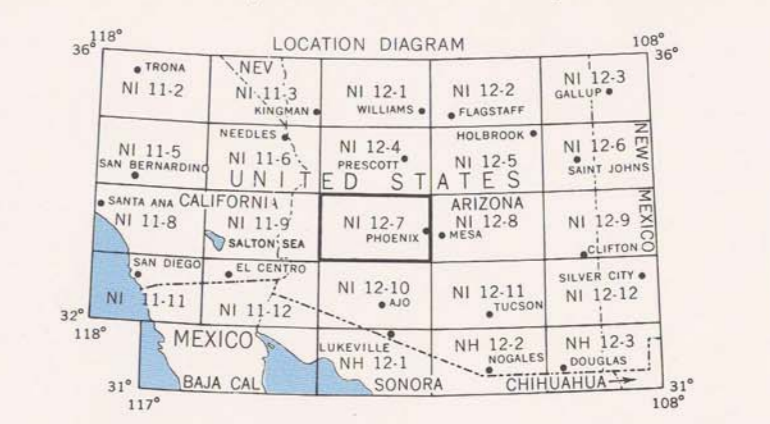
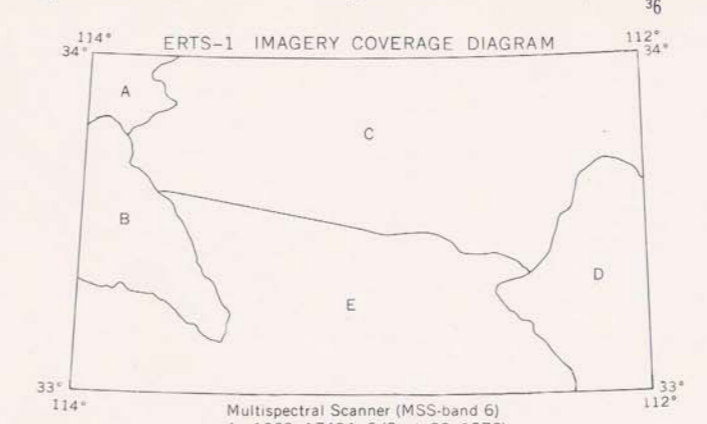
**SCALE 1:250,000**

0 5 10 15 20 25 30 STATUTE MILES

0 5 10 15 20 25 30 KILOMETRES

1972 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 14° (250 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 13°41' (240 MILES) EASTERLY FOR THE CENTER OF THE EAST EDGE

**FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092**  
INFORMATION ON COST AND AVAILABILITY OF ERTS-1 IMAGERY COVERING THIS AREA MAY BE OBTAINED FROM U. S. GEOLOGICAL SURVEY, ERDS DATA CENTER, SIOUX FALLS, SOUTH DAKOTA 57198



**GRID ZONE DESIGNATION: 12S**

**100,000 M. SQUARE IDENTIFICATION**

TN	UN	VN
TM	UM	VM

**SAMPLE POINT: TONOPAH**

1. Read letters identifying 100,000 meter square in which the grid line is located.

2. Locate from VERTICAL grid line to LEFT of point and read LABEL figure following the line either in the top or bottom margin, or on the left-hand side.

3. Locate from HORIZONTAL grid line to point. Estimate tenths from grid line to point. Locate either in the left or right margin, or on the top-hand side.

**SAMPLE REFERENCE:** 12S 000000  
12S 000000  
12S 000000

**PHOENIX, ARIZONA**  
N3300—W11200/60 X 120  
1972

EXPERIMENTAL PRINTING