



V502, EDITION 3  
 Prepared by the U.S. Army Topographic Command (BES), Washington, D.C. Compiled in 1955 by photogrammetric methods from aerial photographs taken 1954 and from United States quadrangles 1:24,000, 1:50,000, and 1:62,500, 1940-53. Photographs field annotated 1954. Revised in 1972 by the U.S. Geological Survey from aerial photographs taken 1972.

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Diagram

**LEGEND**  
 Figures in red denote approximate distances in miles between stars

**POPULATED PLACES**  
 Over 500,000  
 100,000 to 500,000  
 25,000 to 100,000  
 5,000 to 25,000  
 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

**RAILROADS**  
 Standard gauge  
 Single track  
 Double or Multiple track  
 Narrow gauge  
 Landing area

**BOUNDARIES**  
 International  
 State  
 County  
 Park or reservation

**Other Symbols:**  
 Landplane airport  
 Mine  
 Spot elevation in feet  
 Marsh or swamp  
 Sea/water exchange  
 Sea/water airport  
 Sea/water exchange  
 Woods/brushwood  
 Power line

Scale 1:250,000  
 0 5 10 15 20 Statute Miles  
 0 5 10 15 20 Kilometers  
 0 5 10 15 Nautical Miles

**CONTOUR INTERVAL 200 FEET**  
 WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS  
 TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 13  
 1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 11° 20' WEST EASTERN TO THE CENTER OF THE WEST EDGE TO 11° 00' WEST EASTERN TO THE CENTER OF THE EAST EDGE

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242

**LOCATION DIAGRAM**

ARIZONA NI 12-6 NI 12-9 NI 12-12 NI 12-15 NI 12-18 NI 12-21 NI 12-24 NI 12-27 NI 12-30 NI 12-33 NI 12-36 NI 12-39 NI 12-42 NI 12-45 NI 12-48 NI 12-51 NI 12-54 NI 12-57 NI 12-60 NI 12-63 NI 12-66 NI 12-69 NI 12-72 NI 12-75 NI 12-78 NI 12-81 NI 12-84 NI 12-87 NI 12-90 NI 12-93 NI 12-96 NI 12-99 NI 13-02 NI 13-05 NI 13-08 NI 13-11 NI 13-14 NI 13-17 NI 13-20 NI 13-23 NI 13-26 NI 13-29 NI 13-32 NI 13-35 NI 13-38 NI 13-41 NI 13-44 NI 13-47 NI 13-50 NI 13-53 NI 13-56 NI 13-59 NI 13-62 NI 13-65 NI 13-68 NI 13-71 NI 13-74 NI 13-77 NI 13-80 NI 13-83 NI 13-86 NI 13-89 NI 13-92 NI 13-95 NI 13-98 NI 14-01 NI 14-04 NI 14-07 NI 14-10 NI 14-13 NI 14-16 NI 14-19 NI 14-22 NI 14-25 NI 14-28 NI 14-31 NI 14-34 NI 14-37 NI 14-40 NI 14-43 NI 14-46 NI 14-49 NI 14-52 NI 14-55 NI 14-58 NI 14-61 NI 14-64 NI 14-67 NI 14-70 NI 14-73 NI 14-76 NI 14-79 NI 14-82 NI 14-85 NI 14-88 NI 14-91 NI 14-94 NI 14-97 NI 15-00	NEW MEXICO NI 13-1 NI 13-4 NI 13-7 NI 13-10 NI 13-13 NI 13-16 NI 13-19 NI 13-22 NI 13-25 NI 13-28 NI 13-31 NI 13-34 NI 13-37 NI 13-40 NI 13-43 NI 13-46 NI 13-49 NI 13-52 NI 13-55 NI 13-58 NI 13-61 NI 13-64 NI 13-67 NI 13-70 NI 13-73 NI 13-76 NI 13-79 NI 13-82 NI 13-85 NI 13-88 NI 13-91 NI 13-94 NI 13-97 NI 14-00 NI 14-03 NI 14-06 NI 14-09 NI 14-12 NI 14-15 NI 14-18 NI 14-21 NI 14-24 NI 14-27 NI 14-30 NI 14-33 NI 14-36 NI 14-39 NI 14-42 NI 14-45 NI 14-48 NI 14-51 NI 14-54 NI 14-57 NI 14-60 NI 14-63 NI 14-66 NI 14-69 NI 14-72 NI 14-75 NI 14-78 NI 14-81 NI 14-84 NI 14-87 NI 14-90 NI 14-93 NI 14-96 NI 14-99 NI 15-02 NI 15-05 NI 15-08 NI 15-11 NI 15-14 NI 15-17 NI 15-20 NI 15-23 NI 15-26 NI 15-29 NI 15-32 NI 15-35 NI 15-38 NI 15-41 NI 15-44 NI 15-47 NI 15-50 NI 15-53 NI 15-56 NI 15-59 NI 15-62 NI 15-65 NI 15-68 NI 15-71 NI 15-74 NI 15-77 NI 15-80 NI 15-83 NI 15-86 NI 15-89 NI 15-92 NI 15-95 NI 15-98 NI 16-01 NI 16-04 NI 16-07 NI 16-10 NI 16-13 NI 16-16 NI 16-19 NI 16-22 NI 16-25 NI 16-28 NI 16-31 NI 16-34 NI 16-37 NI 16-40 NI 16-43 NI 16-46 NI 16-49 NI 16-52 NI 16-55 NI 16-58 NI 16-61 NI 16-64 NI 16-67 NI 16-70 NI 16-73 NI 16-76 NI 16-79 NI 16-82 NI 16-85 NI 16-88 NI 16-91 NI 16-94 NI 16-97 NI 17-00	TEXAS NI 13-1 NI 13-4 NI 13-7 NI 13-10 NI 13-13 NI 13-16 NI 13-19 NI 13-22 NI 13-25 NI 13-28 NI 13-31 NI 13-34 NI 13-37 NI 13-40 NI 13-43 NI 13-46 NI 13-49 NI 13-52 NI 13-55 NI 13-58 NI 13-61 NI 13-64 NI 13-67 NI 13-70 NI 13-73 NI 13-76 NI 13-79 NI 13-82 NI 13-85 NI 13-88 NI 13-91 NI 13-94 NI 13-97 NI 14-00 NI 14-03 NI 14-06 NI 14-09 NI 14-12 NI 14-15 NI 14-18 NI 14-21 NI 14-24 NI 14-27 NI 14-30 NI 14-33 NI 14-36 NI 14-39 NI 14-42 NI 14-45 NI 14-48 NI 14-51 NI 14-54 NI 14-57 NI 14-60 NI 14-63 NI 14-66 NI 14-69 NI 14-72 NI 14-75 NI 14-78 NI 14-81 NI 14-84 NI 14-87 NI 14-90 NI 14-93 NI 14-96 NI 14-99 NI 15-02 NI 15-05 NI 15-08 NI 15-11 NI 15-14 NI 15-17 NI 15-20 NI 15-23 NI 15-26 NI 15-29 NI 15-32 NI 15-35 NI 15-38 NI 15-41 NI 15-44 NI 15-47 NI 15-50 NI 15-53 NI 15-56 NI 15-59 NI 15-62 NI 15-65 NI 15-68 NI 15-71 NI 15-74 NI 15-77 NI 15-80 NI 15-83 NI 15-86 NI 15-89 NI 15-92 NI 15-95 NI 15-98 NI 16-01 NI 16-04 NI 16-07 NI 16-10 NI 16-13 NI 16-16 NI 16-19 NI 16-22 NI 16-25 NI 16-28 NI 16-31 NI 16-34 NI 16-37 NI 16-40 NI 16-43 NI 16-46 NI 16-49 NI 16-52 NI 16-55 NI 16-58 NI 16-61 NI 16-64 NI 16-67 NI 16-70 NI 16-73 NI 16-76 NI 16-79 NI 16-82 NI 16-85 NI 16-88 NI 16-91 NI 16-94 NI 16-97 NI 17-00	UTAH NI 12-1 NI 12-4 NI 12-7 NI 12-10 NI 12-13 NI 12-16 NI 12-19 NI 12-22 NI 12-25 NI 12-28 NI 12-31 NI 12-34 NI 12-37 NI 12-40 NI 12-43 NI 12-46 NI 12-49 NI 12-52 NI 12-55 NI 12-58 NI 12-61 NI 12-64 NI 12-67 NI 12-70 NI 12-73 NI 12-76 NI 12-79 NI 12-82 NI 12-85 NI 12-88 NI 12-91 NI 12-94 NI 12-97 NI 13-00 NI 13-03 NI 13-06 NI 13-09 NI 13-12 NI 13-15 NI 13-18 NI 13-21 NI 13-24 NI 13-27 NI 13-30 NI 13-33 NI 13-36 NI 13-39 NI 13-42 NI 13-45 NI 13-48 NI 13-51 NI 13-54 NI 13-57 NI 13-60 NI 13-63 NI 13-66 NI 13-69 NI 13-72 NI 13-75 NI 13-78 NI 13-81 NI 13-84 NI 13-87 NI 13-90 NI 13-93 NI 13-96 NI 13-99 NI 14-02 NI 14-05 NI 14-08 NI 14-11 NI 14-14 NI 14-17 NI 14-20 NI 14-23 NI 14-26 NI 14-29 NI 14-32 NI 14-35 NI 14-38 NI 14-41 NI 14-44 NI 14-47 NI 14-50 NI 14-53 NI 14-56 NI 14-59 NI 14-62 NI 14-65 NI 14-68 NI 14-71 NI 14-74 NI 14-77 NI 14-80 NI 14-83 NI 14-86 NI 14-89 NI 14-92 NI 14-95 NI 14-98 NI 15-01 NI 15-04 NI 15-07 NI 15-10 NI 15-13 NI 15-16 NI 15-19 NI 15-22 NI 15-25 NI 15-28 NI 15-31 NI 15-34 NI 15-37 NI 15-40 NI 15-43 NI 15-46 NI 15-49 NI 15-52 NI 15-55 NI 15-58 NI 15-61 NI 15-64 NI 15-67 NI 15-70 NI 15-73 NI 15-76 NI 15-79 NI 15-82 NI 15-85 NI 15-88 NI 15-91 NI 15-94 NI 15-97 NI 16-00
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**SECTIONIZED TOWNSHIP**

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

**USGS Historical Topographic Division**  
 CARLSBAD, NEW MEXICO, TEXAS  
 1954  
 REVISED 1972

STOCK NO. V502NI1311\*03

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 1974  
 5/2/74