

Prepared and published by the National Imagery and Mapping Agency
 Copied in 1985 from Arizona, 1:50,000, USGS, Sheet Livingston Hills,
 printed 1964 (photogrammetric, field checked 1962, reliability good).
 Aerial photography 1958.

LEGEND

ROAD DATA 1985

Head surface, heavy duty road, four or more lanes wide	1 LANE	Improved light duty road, street
Head surface, heavy duty road, two lanes wide	2 LANE	Unimproved dirt road
Head surface, medium duty road, four or more lanes wide	3 LANE	Trail
Head surface, medium duty road, two lanes wide	4 LANE	Route markers: Interstate, Federal, State
Head surface, light duty road, two lanes wide	5 LANE	Buildings
RAILROADS	Single track	Bench mark, monument
Standard gauge	Multiple track	Bench mark, non-monumented
Narrow gauge		Spot elevations in feet: Checked; Unchecked
In street		Light, lighthouse; Windmill, wind pump; Water mill
Car line		Woods or brushwood
BOUNDARIES		Scrub; Orchard
National		Intermittent lake
State (with monument)		Intermittent stream; Dam
County		Marsh or swamp
Corporate limits		Rapids; Falls
Military reservation	MTL RES	Large rapids; Large falls
Other reservation		
Levee		

NOTES

THE ONLY CHANGE TO THIS EDITION IS THE REGRIDDING FROM NAD27 TO WGS84/NAD83. NOTE THE NEW WGS84/NAD83 COORDINATE VALUES FOR THE CONTIGUOUS.

THE NORTH AMERICAN DATUM 1983 (NAD 83) AND THE WORLD GEODETIC SYSTEM 1984 DATUM (WGS 84) ARE EQUIVALENT FOR MAPPING, CHARTING AND NAVIGATION AT THIS SCALE.

THIS MAP COMPLIES WITH THE NATIONAL STANDARD MAP ACT REQUIREMENTS.

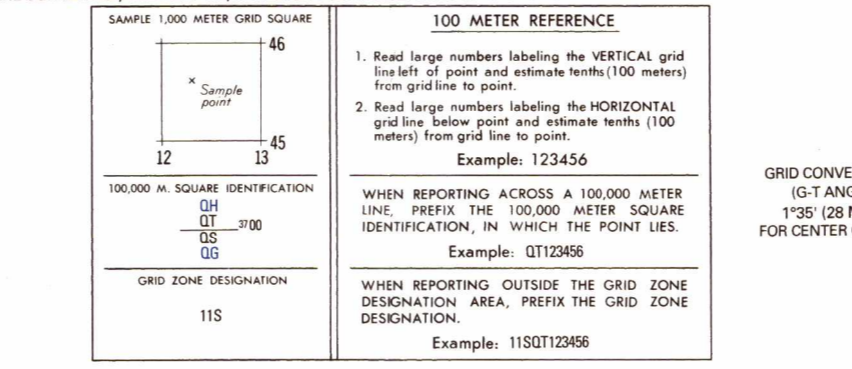
NO AREAS OF VEGETATION EXIST ON THIS SHEET.

**CONTOUR INTERVAL 40 FEET
 WITH SUPPLEMENTARY CONTOURS AT 20 FOOT INTERVALS**

ELIPSOID GEODETIC REFERENCE SYSTEM 1983
 GRID 1000 Meter UTM Zone 12 (BLACK NUMBERED LINES)
 GRID 1000 Meter UTM Zone 12 (RED-BROWN NUMBERED TICKS)
 PROJECTION TRANSVERSE MERCATOR
 VERTICAL DATUM SEA LEVEL DATUM OF 1929
 HORIZONTAL DATUM WGS84/NAD83
 CONTROL BY USGS AND USCGS
 PRINTED BY NIMA, 94-00

COORDINATE CONVERSION NAD 83/WGS 84 TO NAD 27:
 Grid: Add 78m E, Subtract 186m N
 Geographic: Subtract 28' Long, Add 0.2' Lat.

NIMA IS UPDATING THE MILITARY GRID REFERENCE SYSTEM. UNTIL ALL ADJACENT AND OVERLAPPING SHEETS ARE CONVERTED, THE NEW 100,000 METER SQUARE IDENTIFIERS ARE DEPICTED IN BLACK AND THE OLD IN BLUE.



ADJOINING SHEETS

3151 III	3151 II	3251 III
3150 IV	3150 I	3250 IV
3150 III	3150 II	3250 III

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
 OR RESTON, VIRGINIA 22082

WGS84/NAD83
 LIVINGSTON HILLS, ARIZONA

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