WTI OPAREA SPECIAL MAP

Edition 003 - Revisions: 8/2020

JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000

5 0 5 10 15 20 25 30 35 Statute Miles

5 0 5 10 15 20 25 30 35 Kilometers

5 0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL APPROXIMATELY 400 FEET
WITH SUPPLEMENTARY CONTOURS AT APPROXIMATELY 200 FEET

BLUE NUMBERED LINES INDICATE THE GLOBE METRIC GRID SYSTEM (GARS) Based on World Geodetic System 1984 Ellipsoid

This map was prepared on the
National Geospatial-Intelligence Agency (NGA) Remote Replication System (RRS),
from best available sources.
Additional information was provided by MAWTS-1, S-2.

REFER ALL CORRECTIONS, ADDITIONS AND COMMENTS TO THE NGA ENTERPRISE SERVICE DESK VIA PHONE: 800.455.0986 DSN: 547-0520;
E-MAIL: DISTRIBUTION@NGA.MIL; OR WRITE TO: NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN: ESC, MAIL STOP ESC-D44, 7500 GEOINT DRIVE, SPRINGFIELD, VA 22150-7500

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Sectors depicted in R-2507 N/S and R-2301 W are for Marine Aviation Weapons and Tactics Squadron ONE (MAWTS-1) use only.

NOTE: "Altitudes reflected on this map are those normally requested and supported by Yuma Range Management and the FAA, and are not necessarily the published effective altitudes."

TAC RANGE BOUNDARY — MOA BOUNDARY — RESTRICTED AREA BOUNDARY — SECTOR BOUNDARY — RANGE BOUNDARY

OBSERVATION POINT — GUN POSITION — CONTROL POINT — GROUND LOCATION — TARGET

VICTOR ROUTE

MAP SHEETS:
1501 AIR NI 11-9 EDITION 3
1501 AIR NI 11-12 EDITION 4
1501 AIR NI 12-7 EDITION 6
1501 AIR NI 12-10 EDITION 4

ELEVATIONS IN FEET

DMA IS UPDATING THE MILITARY GRID REFERENCE SYSTEM FROM NAD 27 CLARKE 1866 TO NAD 83 GRS 1980 ELLIPSOID. THE NEW GRID WILL BE CALLED MGRS. THE NEW EAST AND SOUTHERNMOST BOUNDS ARE CONVERTED. THE NAD 83 DELIMITED METER DIGIT SQUARE IDENTIFIERS ARE DEPICTED IN BLUE AND THE NAD 27 IDENTIFIERS IN PURPLE.

COORDINATE CONVERSION NAD 83 TO NAD 27
Grid: Add 9m E., Subtract 200m N.
Geographic: Subtract 2.9" Long., Subtract 0.2" Lat.

SAMPLE 10,000 METER GRID SQUARE

SAMPLE 1,000 METER REFERENCE

10,000m SQUARE IDENTIFICATION

See Back of Map

1,000 METER IDENTIFICATION

See Back of Map

MAGNETIC NORTH OUTSIDE THE 1,000 METER IDENTIFICATION AREA IN WHICH THE POINT LIES PRIOR TO 1,000 METER IDENTIFICATION

Example: 12S

Example: 448 224

Example: 12S448224

NOTES
Projections are shown except within unpopulated place limits.
Other obstructions are shown if they are 150 feet or more above ground level. See caution note.
On this graphic a lane is generally considered as being 2.5 meters (8 feet) in width.
Boundary representation is not necessarily authoritative.

ELEVATION TINTS

METERS	FEET
3000	9843
2400	7874
1800	5905
1200	3937
600	1968
300	984
0	0

GEOREF
BASIC 15° QUADRANGLE

CONVERSION OF ELEVATIONS

1500	4921500	1501	4925148
1000	3280840	1000	3281496
900	2952756	900	2953412
800	2624672	800	2625328
700	2296588	700	2297244
600	1968504	600	1969160
500	1640420	500	1641076
400	1312336	400	1312992
300	984252	300	984908
200	656168	200	656824
100	328084	100	328740
0	0	0	656

CAUTION
Vertical obstructions, including powerlines, have been omitted from the chart where appropriate to avoid excessive clutter. Other obstructions may be known, or their locations or heights inaccurate.

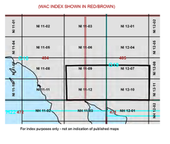
CAUTION
AIR INFORMATION CURRENT THROUGH
21 JANUARY 1993
Consult NOTAMs and Appropriate Publications for the latest air information. See JCGD Aeronautical Chart Updating Manual or NIMA (U.K.) Aeronautical Chart Amendment documents for other chart revision information.

LINES OF EQUAL MAGNETIC VARIATION FOR 1990
(Annual rate of change: 0 decrease.)

CAUTION ATTENTION
THIS CHART CONTAINS MINIMUM ELEVATION FIGURES (MEF).
The Maximum Elevation Figures shown in quadrangles bounded by parallels and meridians are based on the highest known elevation and considered as an obstruction. The MEF is found in the upper right corner of each quadrangle and includes all known obstructions, including terrain and all associated attributes, plus a vertical safety factor as follows: Mountainous areas, 2,000 feet; all other areas, 1,000 feet.

EXAMPLE: 12,500 feet

LOCATION DIAGRAM
(WAC Index Numbers Are Left)
(WAC INDEX SHOWN IN RED/BROWN)



For index purposes only – not an indication of published maps