



V502  
Edition 1-AMS (First Printing, 1-60)  
Prepared by the Army Map Service (KCSX), Corps of Engineers, U.S. Army, Washington, D. C. Compiled in 1957 from United States Quadrangles, 1:25,000, 1:48,000, 1:50,000, 1:62,500, U.S. Geological Survey and AMS, 1942-55. Planimetric detail revised by photostereometric methods. Horizontal and vertical control by USGS and CE. Map field checked, 1958.

**LEGEND**

**ROAD DATA 1958**  
Figures in red denote approximate distances in miles between stars

**ROADS**  
 - Hard surface, heavy duty  
 - More than two lanes wide  
 - Two lanes wide, Federal route marker  
 - Hard surface, medium duty  
 - More than two lanes wide  
 - Two lanes wide, State route marker  
 - Improved light duty  
 - Unimproved dirt  
 - Trail

**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

**RAILROADS**  
 - Single track  
 - Double or Multiple

**LANDMARKS**  
 - School, Church, Other  
 - Horizontal control point  
 - Spot elevation in feet  
 - Marsh or swamp  
 - Intermittent or dry stream  
 - Power line

**BOUNDARIES**  
 - State  
 - International  
 - County  
 - Park or reservation

**Other Symbols:**  
 - Landplane airport  
 - Landing area  
 - Seaplane airport  
 - Orchard  
 - Woods-brushwood

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**

BLUE NUMBERED LINES INDICATE THE 10 000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 10  
 THE LAST FOUR DIGITS OF THE GRID NUMBERS ARE OMITTED

1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 18°00' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 18°30' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°02' WESTERLY.

USERS NOTING ERRORS OR OMISSIONS ON THIS MAP ARE URGED TO MARK HEREON AND FORWARD DIRECTLY TO COMMANDING OFFICER, ARMY MAP SERVICE, WASHINGTON, D. C. MAPS SO FORWARDED WILL BE RETURNED OR REPLACED IF DESIRED.

**LOCATION DIAGRAM FOR NK 10-11**

OREGON	NK 10-5	NK 10-6	NK 10-7	NK 10-8	NK 10-9	NK 10-10	NK 10-11	NK 10-12	NK 10-13	NK 10-14
CALIFORNIA	NK 10-1	NK 10-2	NK 10-3	NK 10-4	NK 10-5	NK 10-6	NK 10-7	NK 10-8	NK 10-9	NK 10-10
NEVADA	NK 10-11	NK 10-12	NK 10-13	NK 10-14	NK 10-15	NK 10-16	NK 10-17	NK 10-18	NK 10-19	NK 10-20

**RELIABILITY DIAGRAM**

1. Large scale topographic maps, photogrammetric, 1:48,000 SA  
 2. Large scale topographic maps, controlled ground surveys, 1:48,000 SA  
 3. Photometry derived from 1:50,000-1:500,000 aerial photography

**GRID ZONE DESIGNATION: 10T**

**100,000 METER SQUARE IDENTIFICATION**

DA	EA	EV
DV	EV	

**1. Read letters identifying 100,000 meter square in which the point lies.**  
 2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either on the top or bottom margin, or on the line itself.  
 3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either on the left or right margin, or on the line itself.  
 4. Estimate meters from grid line to point.

**EXAMPLE:** 4430000

**IGNORE THE SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figure of the grid number; example: 4430000**

**IF REPORTING BEYOND 10° IN ANY DIRECTION, Grid Zone Designation is: 10TUB31**