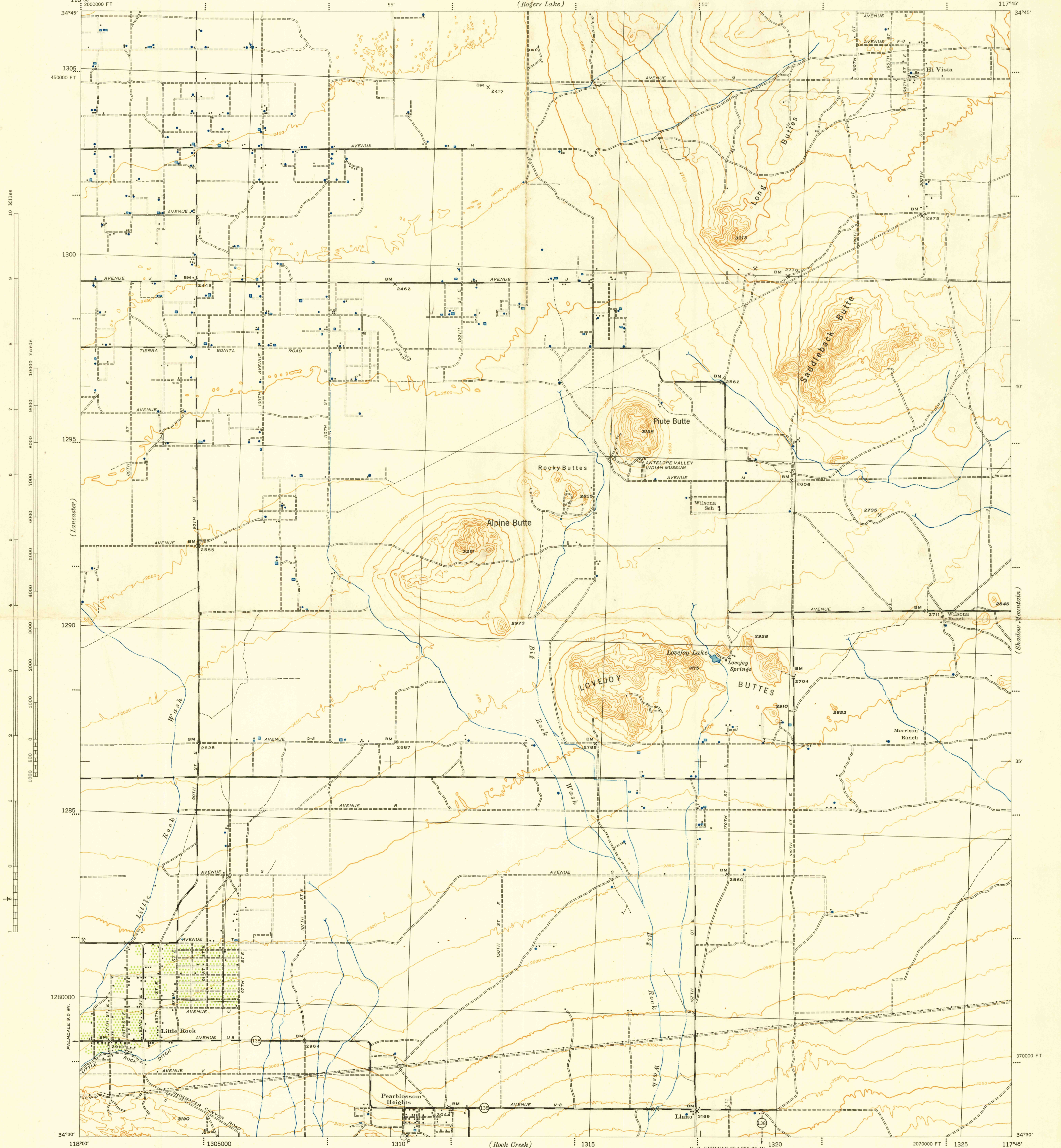


CALIFORNIA  
LOS ANGELES COUNTY  
ALPINE BUTTE QUADRANGLE  
GRID ZONE "G"  
N3430-W11745/15

WAR DEPARTMENT  
CORPS OF ENGINEERS, U. S. ARMY

FIRST EDITION - 29E 2

CALIFORNIA  
LOS ANGELES COUNTY  
ALPINE BUTTE QUADRANGLE  
GRID ZONE "G"  
15 MINUTE SERIES



FIRST EDITION (29E 1) (ADVANCE EDITION) 1943, REVISED (29E 2) 1945.  
Prepared under the direction of the Chief of Engineers, U. S. Army, 1943.  
Control by U. S. Geological Survey, 1930, 1931.  
Topography by U. S. Geological Survey, 1930, 1931.  
Planimetric detail revised from single lens aerial photographs by 29th  
Engineers, U. S. Army, 1943.  
Photography by 2nd Photographic Squadron, Air Corps, U. S. Army, 1942.  
Polyconic Projection, North American 1927 Datum.

**ROAD CLASSIFICATIONS**  
Dependable hard surface, heavy duty road  
Secondary, hard surface, all weather road  
More than two lanes indicated by note with tick at point of change.  
Loose surface graded, dry weather road  
Dirt road  
Road Data 1944  
U. S. Route 105  
State Route 138  
3 LANE 4 LANE

Scale 1/62500  
1 2 0 1 2 3 4 5 Miles  
1000 500 0 1000 2000 3000 4000 5000 Yards  
Contour interval 50 feet  
Datum is mean sea level (1929 Adj.)

FIVE THOUSAND YARD GRID COMPUTED FROM "GRID SYSTEM FOR PROGRESSIVE MAPS  
IN THE U. S. ZONE 'G' U. S. C. & G. S. SPECIAL PUBLICATION NO. 59  
(THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED)  
CALIFORNIA STATE GRID ZONE S IS INDICATED BY DOTTED TICKS  
OUTSIDE THE NEAT LINE AT 10,000 FOOT INTERVALS  
NOTE: OFFICERS USING THIS MAP WILL MARK HEREON CORRECTIONS AND ADDITIONS WHICH COME  
TO THEIR ATTENTION AND MAIL DIRECT TO 'THE CHIEF OF ENGINEERS, WASHINGTON, D. C.'

APPROXIMATE MEAN DECLINATION 1945  
FOR CENTER OF SHEET  
ANNUAL MAGNETIC CHANGE 1' DECREASE  
USE DIAGRAM ONLY TO OBTAIN NUMERICAL VALUES. TO DETERMINE MAGNETIC  
NORTH LINE, CONNECT THE POINT "P" ON THE SOUTH EDGE OF  
THE MAP WITH THE VALUE OF THE ANGLE BETWEEN GRID AND MAGNETIC  
NORTH, AS PLOTTED ON THE DEGREE SCALE AT THE NORTH EDGE OF THE MAP

USGS  
Historical File  
Topographic Division

ALPINE BUTTE, CALIF.  
N3430-W11745/15

Abandoned as G.S. publication  
4/7/59