



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SAMANIEGO PEAK QUADRANGLE  
ARIZONA-PIMA CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
NW/4 TWIN BUTTES 15' QUADRANGLE

Maped, edited, and published by the Geological Survey  
Control by USGS, NOS/NOAA and USCE  
Topography by photogrammetric methods from aerial  
photographs taken 1975. Field checked 1976  
Map edited 1981  
Projection and 10,000-foot grid ticks: Arizona coordinate  
system, central zone (transverse Mercator)  
1000-meter Universal Transverse Mercator grid, zone 12  
1927 North American Datum  
To place on the predicted North American Datum 1983  
move the projection lines 7 meters south and  
63 meters east as shown by dashed corner ticks  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked

SCALE 1:24 000.  
CONTOUR INTERVAL 40 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ROAD CLASSIFICATION  
Primary highway, hard surface  
Secondary highway, hard surface  
Light-duty road, hard or improved surface  
Unimproved road  
Interstate Route  
U. S. Route  
State Route

SAMANIEGO PEAK, ARIZ.  
NW/4 TWIN BUTTES 15' QUADRANGLE  
N3152.5-W11107.5/7.5  
1981  
DMA 3747 1 NW-SERIES V898

NOV 27 1981