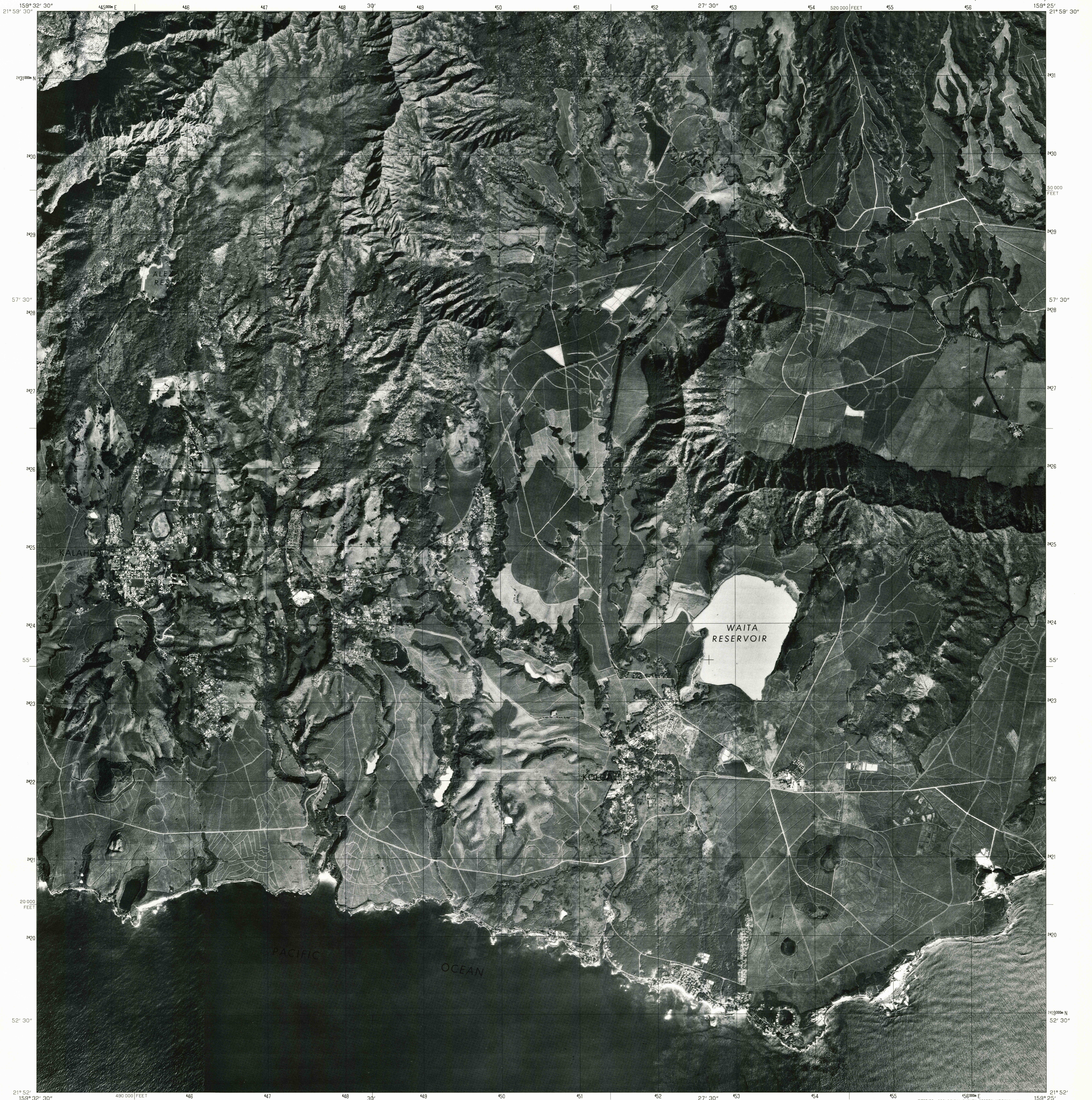


(WAIKANE CANYON)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

KOLOA QUADRANGLE  
HAWAII  
7.5 MINUTE SERIES (ORTHOPHOTOQUAD)

(KAPAA)



Produced by the Geological Survey  
in cooperation with the State of Hawaii  
Orthophotograph prepared from 1:48,000-scale  
aerial photographs taken Dec. 1977 and Jan. 1978  
Projection and 10,000-foot grid ticks: Hawaii coordinate  
system, zone 4 (transverse Mercator) Clarke 1866 spheroid  
Old Hawaiian datum  
1000-meter Universal Transverse Mercator grid ticks,  
zone 4, International spheroid  
Photomagey rectified by optical scanning  
Where double or mismatched image occurs use the  
mean of image position for map point

UTM GRID AND 1978 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000  
0 1000 2000 3000 4000 5000 6000 7000 FEET  
0 1 2 3 4 5 6 7 8 9 10 KILOMETER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



PRINCIPAL NUMBERED HIGHWAYS  
○ Interstate Route ○ U. S. Route ○ State Route

This quadrangle area also covered by  
1:24,000-scale topographic map

KOLOA, HAWAII  
N2152-W15925/7.5  
NOV 2 1981  
1978