

**USGS**  
1:25 000-scale metric  
topographic map of  
**Molokai East**  
**HAWAII**

**11x18 MINUTE QUADRANGLE SHOWING:**

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names

**USGS GEOLOGICAL SURVEY**  
1983



Produced by the United States Geological Survey  
Control by USGS and NOS-NOAA  
Compiled by photogrammetric methods from aerial photographs taken 1977. Field checked 1981. Map dated 1983.  
Supersedes topographic maps of Molokai and Hawaii 1:25 000-scale maps dated 1967-68.

Schematic topographic data compiled from NOS charts 13447 (1981) and 13533 (1979).  
This information is provided for informational purposes.  
Projection and 10,000-foot grid ticks based on Hawaii coordinate system, zone 2 (Universal Transverse Mercator) Clarke 1866 spheroid, CGM Hawaiian datum.  
1000-meter Universal Transverse Mercator grid, zone 4 International datum.  
To place on predicted North American Datum 1983 move the projection line 827 meters north and 290 meters west as shown by dashed corner ticks.

There were no vertical adjustments within the boundaries of the National or State reservations shown on this map.  
CONTOUR INTERVAL: 20 METERS  
DATUM: Mean Sea Level  
ELEVATION DATUM: MEAN LOWER LOW WATER  
THE APPROXIMATE LINE OF MEAN HIGH WATER IS SHOWN BY DASHED CORNER TICKS.  
OTHER ELEVATIONS GIVEN TO THE NEAREST METERS.  
THIS MAP COMPLETES WITH NATIONAL MAP ACCURACY STANDARDS.

FOR SALE BY U.S. GEOLOGICAL SURVEY  
P.O. BOX 25086, DENVER, COLORADO, 80225

METERS	FEET	DECLINATION IN INCHES
1	3.28	0.00
2	6.56	0.00
3	9.84	0.00
4	13.12	0.00
5	16.40	0.00
6	19.68	0.00
7	22.96	0.00
8	26.24	0.00
9	29.52	0.00
10	32.80	0.00
11	36.08	0.00
12	39.36	0.00
13	42.64	0.00
14	45.92	0.00
15	49.20	0.00
16	52.48	0.00
17	55.76	0.00
18	59.04	0.00
19	62.32	0.00
20	65.60	0.00

**Topographic Map Symbols**

- Primary highway, hard surface
- Secondary highway, hard surface
- Lightly used hard or unpaved surface
- Unimproved road, dirt
- Road under construction, 6 to 12 feet
- Railroad, standard gauge, narrow gauge
- Bridge, drawbridge
- Interlocking concrete, masonry
- Build-up area, city, village, town, building, stadium
- House, barn, church, school, large structure
- Boundary
- Natural, with monument
- State
- County, parish
- City, township, precinct, district
- Unimproved city, village, town
- Natural or State reservation, small park
- Land given with reservation, land under lease
- U.S. public lands, survey, range, township, section
- Range, township, section line, location approximate
- Range or field line
- Power transmission line, isolated tower
- Gas line with well
- Contour, open
- Contour, closed, area, U.S. location monument
- Wellhead, water well, spring
- Miner shaft, prospect, shaft or ore
- Control, horizontal station, vertical station, spot elevation
- Contour, index, intermediate, supplementary, depression
- National datum, only area, base, spot
- Bathymetric contour, index, intermediate
- Forecasted area and stream, intermittent line and stream
- Range, large and small, hill, large and small
- Barren, marsh
- Submerged marsh, land subject to controlled inundation
- Wooded, natural forest
- Bank, meadow
- Drainage, wetland

A pamphlet describing topographic maps is available on request.

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Topo Archive

USGS FIELD  
HISTORICAL MAP ARCHIVES

**MOLOKAI EAST, HAWAII**  
N2102.75-W15642.11X18  
1983

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