157°00′
21°13′45″
156°42′
21°02′45″
57′30″
55′
52′30″
50′
47′30″
45′
42′30″
12′30″
10′
7′30″
5′
320 000 FEET
480 000 FEET
390 000 FEET
260 000 FEET
(MOLOKAI WEST)
PACIFIC OCEAN
KALOHI CHANNEL
PAILOLO CHANNEL
Kahiu Point
Lae Hoolehua
Ka Lae Mau
Kahili
Kahio
LANDING STRIP
USCG RES
Molokai Lighthouse
Kalawao
Kiikolu
Ka Laea
Kapapakikane
Kaupikiawa
Kalaemilo
Papaloa
KALAUPAPA PENINSULA
Alau
Kalaupapa
Puu Uao
Kauhako Crater
Graves
Kuololimu
Puwah
Water Tanks
Cem
Mokapu Island
Okala Island
Leinaopapio Point
Makalii
Kepono
Mokio
Keawaiki
Ka Lae Kiloia
Keanakua
Kaaia
Huelo
Puea
Kukaiwaa Pt
Alapai
Papapaiki
Wainene
Anapuhi
Kapailoa
Haupu Bay
Pahu Pt
Keawanui
Kipu
Haukoi
Pauonuakea
Kui
Mokolea Rock
Mokumanu
Mokohola Island
Haupu
Paueono
Kaneaimoa Pt
Pelekunu Bay
Waaula
Naninini
Anakaiole
Lelekoae
Umilehi Pt
Kaholaiki Bay
Pelekunu (Site)
Ananoio
Waipu
Halekou
Oloupena
Waiehu
Kukuipalaoa
Lepau Pt
Wailau (Site)
Milo Point
Waiokala
Kikipua Point
Keanapuka
Hakaaano
Kiokio
Puahaunui Point
Kaonihu
Lamaloa Head
Hinalenale Point
HALAWA BAY
Mokupapapa
Punawai
Kapaliloa
Cape Halawa
Nakeikiapua
Kehahi
Kuunohonu
Kahei Point
Honouewe
Kua
Kekuaaiopihi
Kaluaahole
Puuloa
Kunaka
Keanakapua
Mokuhooniki (Bird Refuge)
Kanaha Rock
Kapalihiolo
Papaloa
Keonepoko
Kepuhi
Punolohi
Keaina
Haunakea
Puu Nananana
Pualanalana
Kaalaea
Kanaha
Kalaekapu
Pohakuloa
Hano
Kumimi
Palalupi
Kahinapohaku
KALAUPAPA
KALAWAO DISTRICT
MOLOKAI DISTRICT
KAHANUI
NAIWA
ILIOLI
PALAAU STATE PARK
Puu Olelo
Meyer Lake
Kaohu
Puu Kauwa
Waiakalae Gulch
Waianui
KALAMAULA
Mokomoko Gulch
Puu Oli
Kapuna
Kahuaawi Gulch
Kalualohe
KAUNAKAKAI
Kaunakakai Gulch
North Fork
Kapaakea
KAPAAKEA
South Fork
KAMILOLOA
Puu Hele
Kamiloloa
Makakilola
MAKAKUPAIA
Onini
Gaging Station
Pumping Station
Water Tank
KALAUPAPA NATIONAL HISTORICAL PARK
WAIKOLU
Waihanau
Waialeia
Kaluahauoni
Waikolu
Kalaupapa
Alae
Jiliilika
Mauna Ridge
Puu Kauwa
Kaluaolohe
Maunahui
Kikiakala
Kaulalo
Puu Kaeo
Kalahuapueo
Puu Makalili
Kaulahuki
Honaliilolilo
Picnic Area
Lookout
PELEKUNU
Manawai Ridge
Kaiuili Ridge
Ohialele
Kipapa Ridge
Puu o Koeke
Papaiki
Puu Aii
Puu Hoi Ridge
Puu Hoi Kaweea
USGS Camp
Pohakuulaula
Kapapa Pali
Kapuki
Olokui
Kolo Ridge
Hanukauku
WAILAU
Wailau Stream
Kukuinui Ridge
Naehu
Puu o Wailau
Waimana
Papalaua Valley
Kahiwa Gulch
Kanupa
Pohakuloa
Kaunupahu
Keahiakalio
Puuau
Puu Kahea
Keahuoku
HALAWA
Halawa Valley
Halawa Stream
Halawa
Ruins
Mana Heiau
Papa Heiau
Kepookoholua
Kawaikapu
Apuuiki Gulch
Walalana Gulch
Pipiwai
Kalanikaula
Koalii
Honokoi Gulch
KEOPUKALOA
Makaeleele
Apee
Pahualoo
KEOPUKAUUKU
Puu o Hoku Ranch
Lapaulala
Corral
Puu o Hoku
Kuala
Kukumamalu Gulch
Pohakupili
POHAKUPILI
MOAKEA
LUPEHU
Wailoku Gl
Waialapai Gulch
HONOULIMALOO
HONOULIWAI
MOANUI
WAIALUA
KUMIMI
Puali
Pohakuhonu Gl
Kahawaiiki
Kahookamaiea
Nihoawa
Kaluapeleiao
Waialua
Malleola Heiau
Weloka Heiau
Puu Mano
PUNIUOHUA
PUELELU
Pauwalu
Pauwalu Harbor
Honomuni Bridge
Honomuni
Kapukapuahakea
Kulaalamihi Fishpond
Kihaloko Fishpond
MOLOKAI FOREST RESERVE
Pepeopae
Papaala Pali
Kaunuohua
Puu o Wahaula
Uapa
Kamakou
Kaholoapele
Pakui
Kilau
Wailau
Kaleolehuula
Pohakeinoho Ridge
Puu Ohelo
Kawaiuliuli
Waiopipi
Puu Lua
Kupaia
Kamoku Flats
Puu o Kaeha
Makakupaia
Ooa
Kawela Intake
Lehuula
Kakakawawai
Puu Kolekole
Hina Falls
Mooloa
Lapakohana
KAWELA
West Fork
East Fork
KAMALO
Kamalo Gulch
Rohakuloa
Puu Haha
Kaapahu
KUMUELI
KAPULEI
Helani
Wawaia Gulch
PUAAHALA
OHIA
WEST OHIA
EAST OHIA
MANAWAI
KAAMOLA
KAWAIKAPU
KALUAAHA
UALAPUE
KAAMOLA
Kanola
Keawanui
Mailelii
Kahau Gulch
Maunaoluolu
MAPULEHU
PUKOO
KUPEKE
AHAINO
HONOMUNI
PUNAULA
Akahi
Haleone
Waikakulu
Honomuni
Namohoku
Kamimumano
Wahualalapai
Na Puu Kulua
Puu Ula
Ekahanui
Puu Papai
Cinder Pit
KAPUAOKOOLAU
KEONOKUINO
Kamiloloa
ONE ALII HOMESTEADS
Alii Fishpond
Onini
One Alii Park
Kaoaini Fishpond
Kanoa Fishpond
Kawela
Nalulua
KAKAHAIA NAT WILDLIFE REFUGE
Kapukaulua
Puama
Kawiu Fishpond
Kahililoa
Panahaha Fishpond
Keapuka
Kanukuawa Fishpond
Pahiomu Fishpond
Pahoa
Kipapa
Kamahuehue Fishpond
Kamalo
Kamalo Harbor
Raykama
Lighthouse
Kalaeloa
Kalaeloa Harbor
Paialoa Fishpond
Kainaohe Fishpond
Keawanui Fishpond
Ohia Br
Kukui Heiau
Puhaloa Fishpond
Manawai
Kilohana Sch
Ualapue
Loipunawai
Ualapue Fishpond
Kaluaaha
Kaluaaha Bridge
Kaopeahina Fishpond
Niaupala Fishpond
Pipio Fishpond
Pukoo
Pukoo Harbor
Kupeke Fishpond
Kupeke Br
Coral Reef
Lepelepe
Malae Heiau
Kaluaokapiohoho Heiau
Pakui Heiau
Hokukano Heiau
Kalaiokunkui Heiau
Iliiopae Heiau
DATUM IS MEAN SEA LEVEL

SCALE 1:25 000
1 CENTIMETER ON THE MAP REPRESENTS 250 METERS ON THE GROUND
CONTOUR INTERVAL 20 METERS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FATHOMS–DATUM IS MEAN LOWER LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 2 FEET

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1984

USGS
science for a changing world

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

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 edited 1983
Supersedes Kaunakakai, Kamalo and Halawa 1:24 000-scale maps dated 1967-68

Selected hydrographic data compiled from NOS charts 19347 (1981) and 19351 (1976)
This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks based on Hawaii coordinate system, zone 2 (Universal Transverse Mercator) Clarke 1866 spheroid. Old Hawaiian datum
1000-meter Universal Transverse Mercator grid, zone 4
International spheroid
To place on predicted North American Datum 1983 move the projection lines 357 meters north and 290 meters west as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 20 METERS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FATHOMS–DATUM IS MEAN LOWER LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 2 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

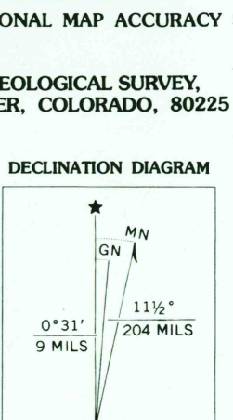
FOR SALE BY U.S. GEOLOGICAL SURVEY,
P.O. BOX 25286, DENVER, COLORADO, 80225

CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM


★
GN
MN
0°31′
9 MILS
11½°
204 MILS

UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map Diagram is approximate

ISBN 0-607-15662-7

Topographic Map Symbols

Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road; trail
Route marker: Interstate; U.S.; State
Railroad: standard gage; narrow gage
Bridge; drawbridge
Footbridge; overpass; underpass
Built-up area: only selected landmark buildings shown
House; barn; church; school; large structure
Boundary:
- National, with monument
- State
- County, parish
- Civil township, precinct, district
- Incorporated city, village, town
- National or State reservation; small park
- Land grant with monument; found section corner
- U. S. public lands survey: range, township; section
- Range, township; section line: location approximate

Fence or field line
Power transmission line, located tower
Dam; dam with lock
Cemetery; grave
Campground; picnic area; U. S. location monument
Windmill; water well; spring
Mine shaft; prospect; adit or cave
Control: horizontal station; vertical station; spot elevation
Contours: index; intermediate; supplementary; depression
Distorted surface: strip mine, lava; sand
Bathymetric contours: index; intermediate
Perennial lake and stream; intermittent lake and stream
Rapids, large and small; falls, large and small
Swamp; marsh
Submerged marsh; land subject to controlled inundation
Woodland; scattered trees
Scrub; mangrove
Orchard; vineyard

A pamphlet describing topographic maps is available on request

20% TOTAL RECOVERED FIBER

RECEIVED
MAY 0 9 2003
USGS NMD
HISTORICAL MAP ARCHIVES

USGS Library
Reston, VA.
Topo Archive

MOLOKAI EAST, HAWAII
N2102.75—W15642/11X18
1983

USGS LIBRARY - RESTON
3 1818 00417995 6