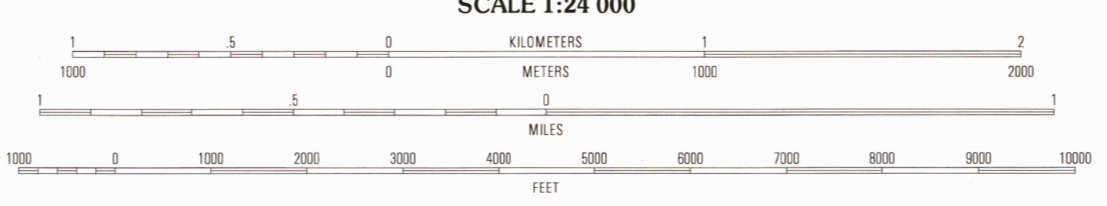
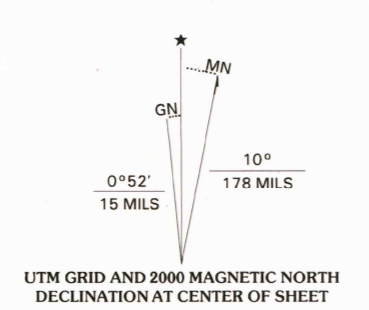


Produced by the United States Geological Survey Topography compiled 1954. Planimetry derived from imagery taken 1977 and other sources. Photorevised using imagery taken 1993; no major culture or drainage changes observed. Survey control current as of 1980. Boundaries revised 2000. North American Datum of 1983 (NAD 83). Projection and 1 000-meter grid: Universal Transverse Mercator, zone 5 10 000-foot ticks: Hawaii Coordinate System of 1983 (zone 1). Old Hawaiian Datum is shown by dashed corner ticks. The values of the shift between NAD 83 and Old Hawaiian Datum for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software. There may be private inholdings within the boundaries of the National or State reservations shown on this map. Houses of worship, schools, and other labeled buildings verified 1980.



SCALE 1:24 000 CONTOUR INTERVAL 40 FEET DATUM IS MEAN SEA LEVEL TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048



ADJOINING 7.5 QUADRANGLE NAMES

1	2	3
4	5	6
7	8	9

1 Na'ohalekua
2 Perakali
3 Pupu Oo
4 Pupu Oo
5 Pupu Oo
6 Sulphur Cone
7 Mauna Loa
8 Kipukapukakua

ROAD CLASSIFICATION

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

RECEIVED APR 30 2001 USGS NMD HISTORICAL MAP ARCHIVES

KOKO'OLAU, HI 1993 NIMA 5817 II SE-SERIES W83

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

