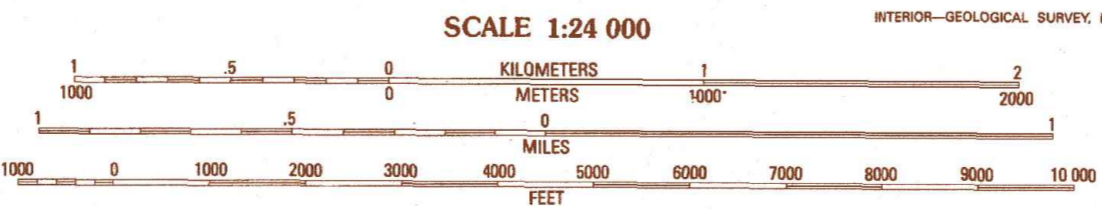


PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY CONTROL BY... USGS AND NOS/NOAA
 COMPILED FROM AERIAL PHOTOGRAPHS TAKEN... 1960
 REVISED FROM AERIAL PHOTOGRAPHS TAKEN... 1985
 FIELD CHECKED... 1987 MAP EDITED... 1990
 PROJECTION... LAMBERT CONFORMAL CONIC
 GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR... ZONE 11
 10,000-FOOT STATE GRID TICKS... OREGON, SOUTH ZONE
 UTM GRID DECLINATION... 0°24' WEST
 1990 MAGNETIC NORTH DECLINATION... 17°00' EAST
 VERTICAL DATUM... NATIONAL GEODETIC VERTICAL DATUM OF 1929
 HORIZONTAL DATUM... 1927 NORTH AMERICAN DATUM
 To place on the predicted North American Datum of 1983,
 move the projection lines as shown by dashed corner ticks
 (17 meters north and 80 meters east)
 There may be private inholdings within the boundaries of any
 Federal or State reservations shown on this map
 Certain land lines are omitted because of insufficient data

PROVISIONAL MAP
 Produced from original
 manuscript drawings. Infor-
 mation shown as of date of
 field check.



SCALE 1:24 000
 INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1990
 CONTOUR INTERVAL 40 FEET
 SUPPLEMENTARY CONTOUR INTERVAL 20 FEET
 To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048
 THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U. S. GEOLOGICAL SURVEY
 DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

ROAD LEGEND

Improved Road
 Unimproved Road
 Trail

Interstate Route U. S. Route State Route

1	2	3	1 Cow Valley East
			2 Becker Creek
			3 Birch Creek Meadow
4	5	4 Brady Creek	
		5 Jamieson	
		6 Backbrush Creek	
6	7	8 Swede Flat	
			8 Hope Butte

ADJOINING 7.5' QUADRANGLE NAMES

QUADRANGLE LOCATION

OREGON

BROGAN, OREGON
 PROVISIONAL EDITION 1990
 44117-B5-TF-024