



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY USGS, NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1978 AND 1980  
MAP NOT FIELD CHECKED. MAP EDITED 1990  
PROJECTION: UNIVERSAL TRANSVERSE MERCATOR  
GRID: 5000-METER UNIVERSAL TRANSVERSE MERCATOR  
ZONE 4  
20,000-FOOT STATE GRID TICKS  
ALASKA, ZONE 6  
UTM GRID DECLINATION 0°50' EAST  
1990 MAGNETIC NORTH DECLINATION 22°30' 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 line 63 meters north and 125 meters east  
Land lines represent unsurveyed and unmarked locations predetermined by the Bureau of Land Management, Folio K-2, Kasteel River Meridian  
There may be private inholdings within the boundaries of any Federal or State Reservations shown on this map  
Federal Reservation boundaries established by the Alaska National Interest Lands Conservation Act, PL 96-487, Dec. 2, 1980, are shown as compiled by the administering agencies  
Swamps, as portrayed, indicate only the wetter areas, usually of low relief, as interpreted from aerial photographs

**PROVISIONAL MAP**  
Produced from original manuscript drawings. Information shown as of date of photography 1

SCALE 1:63 360  
CONTOUR INTERVAL 100 FEET  
SUPPLEMENTARY CONTOUR INTERVAL 50 FEET

USGS NWD HISTORICAL MAP  
JUN 28 1990  
REC'D FILE COPY

To convert meters to feet multiply by 3.2808  
To convert feet to meters multiply by .3048

1	2	3	1 Howard Pass (B-5)
4	5	6	2 Howard Pass (B-4)
7	8	9	3 Howard Pass (B-3)
10	11	12	4 Howard Pass (A-5)
13	14	15	5 Howard Pass (A-3)
16	17	18	6 Ambler River (D-5) & (D-6)
19	20	21	7 Ambler River (D-4) & (D-5)
22	23	24	8 Ambler River (D-3) & (D-4)

ADJOINING QUADRANGLE NAMES

QUADRANGLE LOCATION

ROAD LEGEND  
No roads or trails in this area

HOWARD PASS (A-4), ALASKA  
PROVISIONAL EDITION 1990  
68157-47-TF-063