DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

WATER-RESOURCES INVESTIGATIONS REPORT 97-4142
PLATE 1

530,000 mE 152° 20′ 540,000 mE 152° 10′ 550,000 mE 152° 00′ 560,000 mE 151° 50′ 570,000 mE

6,810,000 mN 61° 25′

6,800,000 mN

6,790,000 mN 61° 10′

6,780,000 mN

Mount Torbert
Sharp
Raven
Aerie
Mount Spurr
Crater Peak
Cyrde
Rocket
Chaka
Teat
Camp
Bend
Exposure
Hard

CAPPS GLACIER
BARRIER GLACIER
SOUTH PINNACLE GLACIER
PINNACLE GLACIER
KIDAZOENI GLACIER
CHAKACHATNA RIVER

CHAKACHAMNA LAKE
Lake bottom altitude from U.S.G.S. topographic map, 1960
×255 ×253 ×251 ×248

EXPLANATION

- Snow and glacier boundary
- Drainage divide
- 28 • Ice measurement identification number
- 400 Altitude of surface, in meters. Contour interval 200 meters, except 100 meters where dashed
- 2400 Altitude of base, in meters. Contour interval 200 meters, except 100 meters where dashed
- △ Survey monument

Base from U.S. Geological Survey Tyonek, (A-5, A-6, A-7, B-5, B-6, B-7) Alaska, 1:63,360, 1958
and Chakachatna River and Chakachamna Lake, Alaska, 1:24,000, 1960
10,000-meter Universal Transverse Mercator grid, zone 5

SCALE 1:50,000
1 5 0 1 2 3 4 5 KILOMETERS
1 ½ 0 1 2 3 MILES

CONTOUR INTERVAL 200 METERS, EXCEPT 100 METERS WHERE DASHED
NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM, NORTH AMERICAN DATUM OF 1927

ALTITUDE OF BASE AND SURFACE OF GLACIERS ON MOUNT SPURR, ALASKA

By Rod S. March, Lawrence R. Mayo, and Dennis C. Trabant

1997