

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

44-068-21
BAR HARBOR QUADRANGLE
35 MAINE
N4415-W6800/15
DIAGRAM NL 19-11
BANGOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

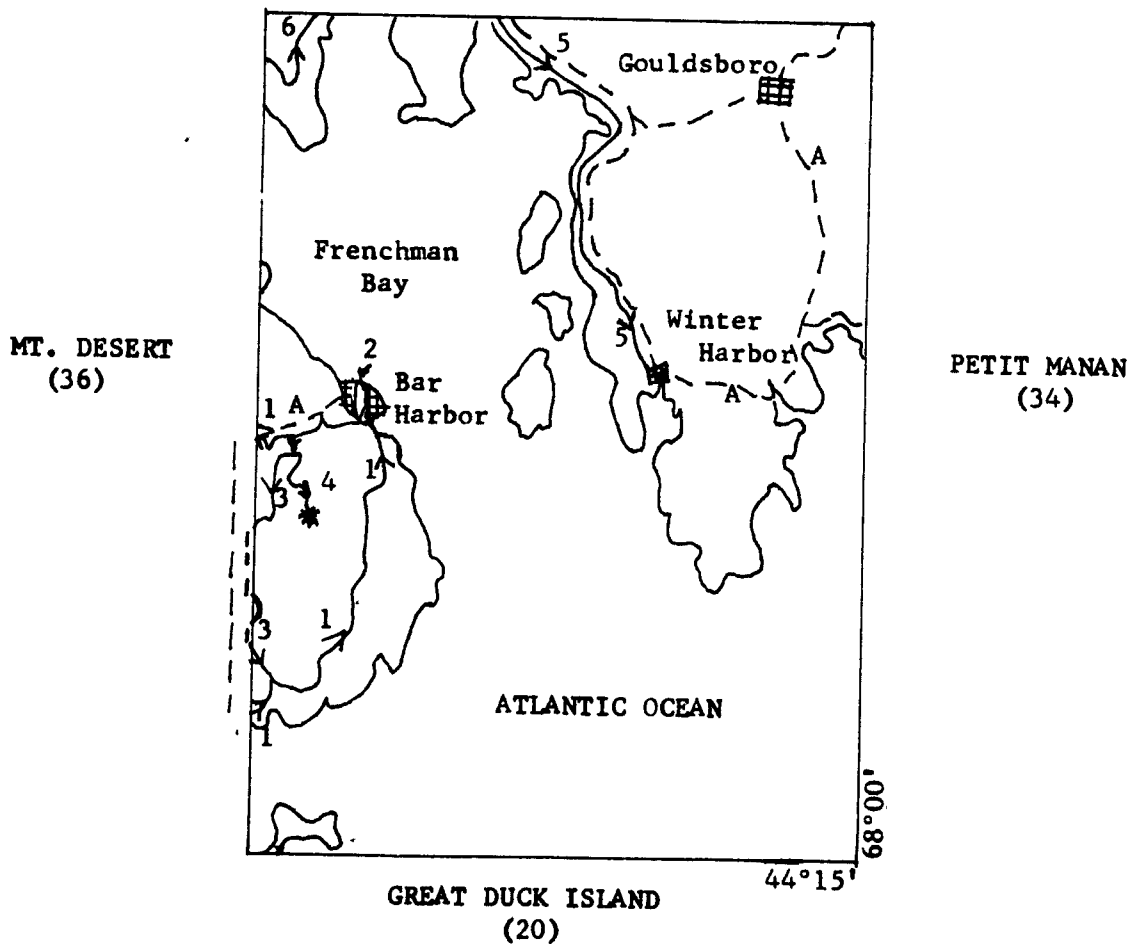
Hancock County

Final adjustment of 1977

Edition of 10/11/77

PR: FJK/kp

TUNK LAKE
(52)



NGS (USC&GS) VERTICAL CONTROL DATA

* NGS Triangulation Mark

A. Quadrangle 440682

35 MAINE
BAR HARBOR QUADRANGLE

44-068-21
N4415-W6800/15

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1934

LINE 1.Feet

By B.A.Kelley, 1934; Book B5711	
U.E., Seal Harbor Post Office, 0.1 mi S. of; toward Steamboat Wharf; at Corner; on NW. corner at base of public watering trough; chiseled square	40.84
U.E., Seal Harbor Post Office, 0.75 mi NE. towards Otter Creek; at top of hill, near water tank, on ledge; 40 ft N. of road opposite water tank; chiseled circle	259.20
Seal Harbor Post Office, 1.6 mi NE. of; 190 ft W. of junction; at T-rd. S. (Cooksie Drive); 40 ft N. of centerline of rd.; about 15 ft higher than rd.; in outcrop of ledge; standard tablet stamped "K 20 1934"	115.398
Reference mark; 370 ft W. of rd. junction; at T-rd. S. (Cooksie Drive); 15 ft S. of centerline of rd.; on large rock; chiseled square	111.04
U.E., Otter Creek Post Office, 220 ft N. of; 3.0 mi NE. of Seal Harbor Post Office; in NE. corner of schoolyard; 60 ft NE. of NE. corner of schoolhouse; on large rock; chiseled square	140.66
U.E., Otter Creek Post Office, 1.4 mi N. of; at T-rd. SE.; 50 ft W. of N. point of triangle formed by rd. intersection; 65 ft N. of 20-in. maple tree; on ledge; chiseled square	229.02
Otter Creek Post Office, 2.4 mi N. of; near small pond; on E. side of "Flying Squadron"; 550 ft S. of S. end of pond; 50 ft E. of rd., and about 20 ft higher than rd.; in large rock; standard tablet stamped "K 21 1934" (Not found, 1971)	145.864
Reference mark; 480 ft S. of S. end of pond; 30 ft E. of rd.; on ledge; chiseled square	128.17
U.E., Otter Creek Post Office, 3.2 mi N. of; 2.1 mi S. of Bar Harbor Post Office; at rd. fork; on large rock; on N. side of old trail E.; 15 ft S. of intersection, 35 ft E. of rd.; 600 ft N. of T-rd. W. to "Sleur de Monts" Spring; chiseled square	110.89
U.E., Bar Harbor Post Office, 0.9 mi S. of, along "Ledge Lawn" Avenue, near garbage disposal plant; 85 ft SE. of rd. junction 15 ft NE. of fork of rd.; on ledge outcrop; chiseled square	61.27
Bar Harbor, 6.5 ft W. of SE. corner of building; 0.5 ft S. of S. face of building and 3.5 ft higher than ground; in drill hole in top of granite foundation of post office building; standard tablet stamped "K 22 1934 54" (Tied by NGS, 1962)	54.124
Reference mark; at steps on S. side (Front) of post office; on SW. corner of granite base of W. lamppost; chiseled square	53.52

BAR HARBOR QUADRANGLE

35 MAINE

44-068-21
4LINE 1 (Cont'd.)Feet

- U.E., Bar Harbor Post Office, 0.5 mi W. of; 180 ft W. of intersection of Eden Street and Eagle Lake Road; 20 ft S. of centerline of Eagle Lake Road; on outcrop of ledge; chiseled square 91.49
- U.E., Bar Harbor Post Office, 1.1 mi W. of, along Eagle Lake Road, near Kebo Valley Golf Links Club House; 40 ft SE. of Eagle Lake Road; 40 ft NE. of T-rd., on rock; chiseled square 195.10
- Bar Harbor, 0.35 mi W. along Cottage Street from post office, thence 1.1 mi S. and W. along State Highway 233, thence 0.15 mi S. along old rd. leading to Cadillac Mountain; 0.15 mi SW. of overhead overpass; 76 ft SE. of centerline of rd.; 204 ft SE. of abandoned crossroad; 12 ft higher than level of rd.; in top of rock outcrop about flush with ground; standard tablet stamped "K 23 1934 375" (Tied by NGS, 1962) 375.557
- Reference mark; 285 ft S. of Eagle Lake Road; 40 ft E. of Mountain Road; on large rock; chiseled square 371.10
- U.E., Eagle Lake, near N. end of; 2.6 mi W. of Bar Harbor Post Office; 240 ft W. of bridge over outlet; 25 ft S. of main rd.; on ledge; chiseled square 291.96

LINE 2.

By B. A. Kelley, 1934; Book B5712

- Bar Harbor, 193.5 ft SE. of junction of W. end of seawall and top of ramp leading to beach from Municipal Pier; 4.5 ft below top of seawall; set vertically in drill hole in face of seawall at public bathing beach just SE. of Municipal Pier; standard tablet stamped "NO 6 1911" (Tied by NGS, 1962) 12.198

LINE 3.

By B. A. Kelley, 1934; Book B5712

- U.E., Bar Harbor Post Office, 2.5 mi SW. of, at junction of Summit and Mountain Roads; on large rock; in triangle formed by junction; chiseled square 532.17
- U.E., Seal Harbor Post Office, 5.4 mi N. of, along Mountain Road; near brook running into E. side of Eagle Lake; on ledge 30 ft S. of brook; 25 ft E. of rd.; chiseled square 483.28

LINE 3 (Cont'd.)Feet

Seal Harbor Post Office, 4.8 mi N. of, along Mountain Road; near N. end of Bubble Pond; in ledge; 40 ft E. of outlet to pond; 40 ft NW. of rd.; standard tablet stamped "K 25 1934"

336.452

Reference mark; Seal Harbor Post Office, 4.8 mi N. of, along Mountain Road; near N. end of Bubble Pond; on W. stonework of small dam across outlet of pond; 65 ft N. of rd.; chiseled square

332.17

U.E., Seal Harbor Post Office, 3.8 mi N. of, along Mountain Road; on very large boulder on E. side of rd.; about 8 ft above elevation of rd.; chiseled square

458.15

LINE 4.

By B. A. Kelley, 1934, Book B5712

U.E., Bar Harbor Post Office, 2.5 mi SW. of; on Summit Road; 1.0 mi E. of junction with Mountain Road; at hairpin curve; top of alloy bolt in center of cross cut in ledge, 30 ft E. of W. section of rd. (letters BM cut in ledge just above bolt)

840.10

U.E., Bar Harbor Post Office, 2.5 mi SW. of; on Summit Road; 1.0 mi E. of its junction with Mountain Road; at hairpin curve in ledge on S. side of rd.; 30 ft S. of centerline of rd.; chiseled square

856.10

U.E., Cadillac Mountain, 1.4 mi N. of summit on Summit Road; 2.1 mi SE. of junction of Summit and Mountain Roads; opposite small parking area overlooking Bar Harbor; on ledge 40 ft SW. of center of rd.; chiseled square

1152.29

U.E., Cadillac Mountain, 0.4 mi N. of summit of; at last horseshoe curve before reaching top; in ledge; 35 ft S. of centerline of rd.; chiseled square

1455.46

Cadillac Mountain, (on highest part of mountain); in Acadia National Park; in drill hole in outcropping bedrock; NGS standard triangulation station disk stamped "MOUNT DESERT 1856"

1528.488

Reference Mark No. 1; 76 ft NE. of triangulation station; in outcropping bedrock; NGS standard reference mark disk stamped "MOUNT DESERT NO 1"

1524.170

Reference mark No. 2; 68 ft SE. of triangulation station; NGS standard reference mark disk stamped "MOUNT DESERT 1856 RM 2" (Reported disturbed, 1944)

1528.671

Cadillac Mountain, on highest point of; 400 ft SW. of parking area; in ledge; 13 ft N. of tablet stamped "MT DESERT 1856"; standard tablet stamped "K 24 1934"

1529.961

1940

LINE 5.Feet

By E. C. Wood, 1940; Book B8721	
Sullivan, 3.1 mi E. along U. S. Highway 1 from junction of State Highway 200; about 0.6 mi E. of junction of State Highway 183 at East Sullivan, about 0.15 mi NW. along old U. S. Highway 1 from its junction with new U. S. Highway 1; about 222 ft SW. of centerline of new hwy.; 63 ft NE. of centerline of old hwy.; 125 ft E. of center of junction of old hwy. and a driveway leading SW. to large two-storied white house; about level with old highway and about 15 ft below new hwy.; in top of embedded boulder which is 10 ft long, 8 ft wide and projecting 3 ft above ground; standard tablet stamped "WO 41 1940 60" (Tied by NGS, 1962)	59.636
Reference mark; 60 ft NW. of tablet; 15 ft E. of rd.; top of embedded boulder; chiseled square	57.37
U.E., Ashville Post Office, 0.2 mi NW. of; 1.8 mi SE. of East Sullivan Post Office; 11 ft W. of U. S. Route No. 1; 50 ft SE. of SE. corner of white farm house; top of embedded boulder; square cut	66.81
Ashville Post Office, 0.8 mi SE. of; 2.7 mi NW. of West Gouldsboro; 40 ft E. of U. S. Highway No. 1; 16 ft SE. of power pole No. B.H.E. 15-386; set in top of large black rock ledge; standard tablet stamped "WO 42 1940 127" (Tied by NGS, 1962)	127.201
Reference mark; 40 ft N. of tablet; 34 ft E. of rd.; top of shoulder of rock ledge; square cut	123.53
U.E., West Gouldsboro, 0.8 mi NW. of; 1.6 mi SE. of Ashville Post Office; 47 ft NE. of U. S. Highway No. 1; 21 ft SE. of private drive to large white house with blue trim; top of long narrow ledge; chiseled square	117.43
West Gouldsboro, 1.2 mi SW. along State Highway 186 from post office; about 1.5 mi N. along State Highway 186 from post office at South Gouldsboro; 43 ft NW. of centerline of hwy.; 74 ft W. of powerline pole No. 46-123 and about 1 ft above level of hwy.; set in top of about highest part of large area of bedrock; standard tablet stamped "WO 43 1940 173" (Tied by NGS, 1962)	173.284
Reference mark; 70 ft NE. of tablet; 90 ft N. of State Route No. 186; in shoulder of rock outcrop; chiseled square	175.56
U.E., South Gouldsboro, 0.5 mi N. of; 2.2 mi SW. of West Gouldsboro; 17 ft SE. of State Route No. 186; top of red granite outcrop; chiseled square	183.42

LINE 5 (Cont'd.)

	<u>Feet</u>
South Gouldsboro, 0.65 mi S. along State Highway 186 from post office; at Y-junction formed by old hwy. and rd. leading S.; 39 ft NE. of centerline of present hwy.; 160 ft SW. of approximate centerline of new highway under construction in 1966; 23.5 ft NE. of powerline pole; 55 ft N. of approximate center of Y-junction; set in top of 4-by 5-ft embedded boulder which projects 2 ft above level of ground and 2 ft above level of present highway; standard tablet stamped "WO 44 1940 117" (Tied by NGS, 1962)	117.021
Reference mark; 210 ft S. of tablet; 80 ft S. and 15 ft E. of centerlines of Y-rd. forks; top of embedded boulder; chiseled square	115.54
U.E., South Gouldsboro, 1.8 mi SE. of; 1.9 mi NW. of Winter Harbor; 75 ft N. of Gouldsboro-Winter Harbor Town line; 22 ft W. of State Route No. 186; top of red granite outcrop; chiseled square	158.12
"A 70 1935" (NGS)	98.854
U.E., Winter Harbor, 0.4 mi N. of; 3.3 mi S. of South Gouldsboro; 15 ft W. of State Route No. 186; top of large rock outcrop; chiseled square	47.11
"Z 69 1935 (NGS)	11.559

LINE 6.

By E. C. Wood, 1940; Book B8720

South Hancock, 1.1 mi SE. of; 1.3 mi NW. of Hancock Point; 63 ft W. of Hancock Point Road; 40 ft N. of private lane W.; in hayfield on farm of Mrs. M. Hodgkins; set in high point of conical boulder; standard tablet stamped "WO 39 1940 127"	126.877
Reference mark; 240 ft SE. of tablet; 125 ft E. and 30 ft S. of intersection of main rd., and private lane W.; top of boulder in field; chiseled square	122.99
U.E., Mount Desert Ferry Crossroads, 0.7 mi S. of; 1.0 mi N. of Hancock Point (airline); 17 ft SE. of paved rd.; 23 ft NE. of T-rd. SE.; top of embedded boulder; chiseled square	78.96