

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

44-068-13
ELLSWORTH QUADRANGLE
53 MAINE
N4430-W6815/15
DIAGRAM NL 19-11
BANGOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

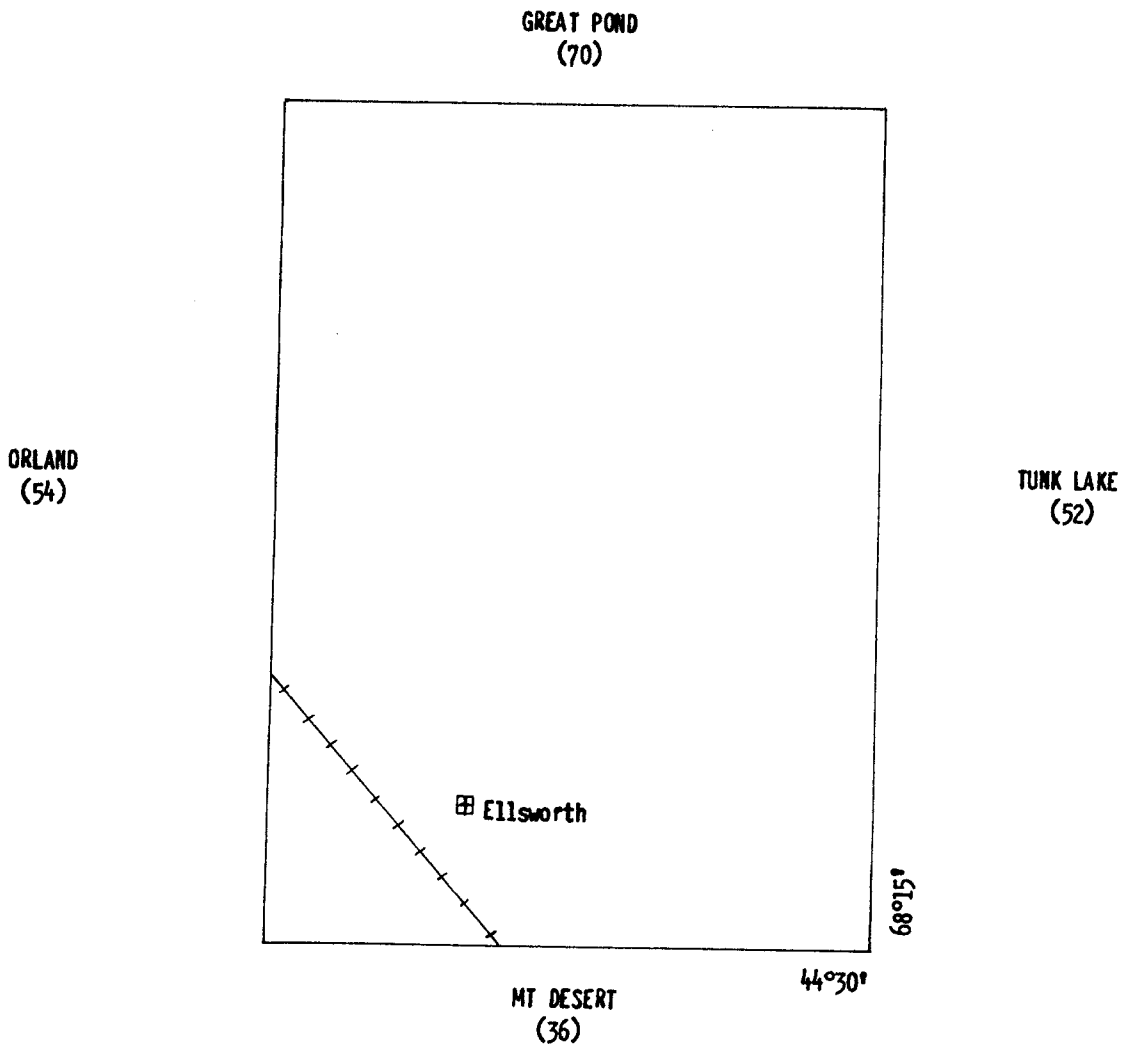
Hancock County

Edition of 3/3/76

PR: JES/rmm

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

Plane coordinates are based on transverse
Mercator projection, Maine, East Zone



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

53 MAINE
ELLSWORTH QUADRANGLE

44-068-13
N4430-W6815/15

INDEX OF PERMANENT MARKS

MARK (USGS)

PAGE NO.

CH 6 1942
CH 7 1942
CH 11 1942
CH 12 1942

3
3
3
3

NGS

K 77 1935
L 77 1935
M 77 1935

3
3
3

STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By P. B. Kovacs, 1942; Book #4559

Otis, 2.1 mi N. of crossroads; 1.3 mi S. of Hancock-Penobscot County line; 70 ft W. of centerline of State Highway 180; 24 ft W. of fence corner; 1 ft S. of fenceline; in concrete post; NGS standard disk stamped "M 77 1935"

X = 510,776	Y = 330,727	44 44 26.24	68 27 30.70
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Otis, 1.0 mi N. of crossroads; 24 ft E. of center of State Highway 180; 3 ft E. of fence N., at fence corner; in concrete post; NGS standard disk stamped "L 77 1935" (Post broken)

X = 511,726	Y = 325,941	44 43 38.97	68 27 17.57
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Otis Chapel, 240 ft W. of; 38 ft W. of centerline of hwy.; 37 ft S. of centerline of rd. to Beech Hill Lake; 6 ft S. of fence corner; 2 ft E. of fence; in concrete post; NGS standard disk stamped "K 77 1935"

X = 512,305	Y = 320,348	44 42 43.74	68 27 09.59
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Otis Chapel, 2.25 mi W. of; 0.35 mi N. of NE. corner of Beech Hill Pond; 500 ft N. of junction of trail W.; 200 ft W. of mouth of brook; 3.5 ft above ground at E. edge of trail; in large boulder; standard tablet stamped "CH 6 1942"

X = 501,436	Y = 319,859	44 42 38.94	68 29 40.12
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Otis Chapel, 3.1 mi S. and 2.25 mi W. of; 1.5 mi N. of U. S. Fish Hatchery at Green Lake; S. end of Rocky Pond; 35 ft W. of N. end of bridge across dam; in rock ledge; standard tablet stamped "CH 7 1942"

X = 500,491	Y = 306,117	44 40 23.24	68 29 53.21
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North Ellsworth, 2.0 mi SE. of; 56 ft SE. of centerline of Y-rd junction; 52.5 ft SE. of telephone pole # 77/47; 39 ft S. of centerline of rd.; 24 ft SE. of centerline of 20-in. pine; set in top of 1 X 2 ft flush rock outcrop; standard tablet stamped "CH 11 1942"

X = 502,042	Y = 267,758	44 34 04.42	68 29 31.79
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North Ellsworth, 4.0 mi SE. of; 3.5 mi W. of Ellsworth along Alternate U. S. Highway 1; 35 ft N. and 30 ft E. of junction of private rd. N.; in rock ledge; standard tablet stamped "CH 12 1942" (Not found, 1976"

X = 504,282	Y = 257,490	44 32 23.02	68 29 00.88
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Station: HOPKINS

County: HANCOCK

State: MAINE

Observer: S. S. GANNETT

Year: 1907 Datum: 1927 N.A.D. BY GRAPH

Description:

Bul. 440-p. 311

RECOPY 4/11/56/EM

ELLSWORTH QUADRANGLE

On a flat cultivated ridge 2.5 miles N. of Lakewood post office on land owned by E. G. Hopkins who lives 100 yards east of station.

Signal: A pole 35 ft. high; black top, white flag and targets; 31.3 ft. NE. of station mark.

Station mark: An aluminum tablet cemented in rock in place. **NOT FOUND**

9-18-57

[Latitude 44 39 27.70

Longitude 68 26 03.61]

To Station—	Azimuth			Back Azimuth			Distance	
	°	'	"	°	'	"	Log. Meters	Miles
Saunders	90	13	24	270	06	10	4.13352	
Waltham	226	50	35	46	54	51	4.03973	
Mt. Desert	334	06	01	154	14	44	4.57784	
Mills Ridge	270	57	54	91	05	08	4.13326	

53

Station: ROBERTSON

County: HANCOCK

State: MAINE

Observer: S. S. GANNETT

Year: 1907 Datum: 1927 N.A.S. BY GRAPH

Description:

Bul. 440-p. 312

RECOPY 4/11/56/EM

ELLSWORTH QUADRANGLE

In a field on a flat ridge in Franklin Township, 3 miles NW. of village of Franklin, on line between Property of Mr. Charles Murch and Arthur Robertson, 74.0 ft. N. cor. of fence along a narrow lane.

Signal: A small pine tree trimmed, with white target facing west. Tree is 82.0 ft. N. of cor. of lane and 8.0 ft NW. of station mark.

Station mark: An aluminum tablet cemented in granite boulder 74.0 ft. N. of cor. of lane fence.

Disk is gone. Stem in place in boulder. Position good.

9-1165 S.K. Sampell 5/77

[Latitude 44 36 27.01

Longitude 68 16 28.05 1

To Station—	Azimuth			Back Azimuth			Distance	
	°	'	"	°	'	"	Log. Meters	Miles
Saunders	102	04	39	281	50	34	4.43297	
Hopkins							4.44798	
Mt. Desert	352	52	59	172	54	52	4.45779	

53
 Station: MILLS RIDGE County: HANCOCK State: MAINE
 Observer: S. S. GANNETT Year: 1907 Datum: 1927 N.A.D. BY GRAPH

Description:
 Bul. 440-p. 311
 RECOPY 4/11/56/EM

ELLSWORTH QUADRANGLE

On a flat ridge in Eastbrook Township, 5 miles N. of Franklin, on land owned by L.W. Bunker whose house is 200 ft. S. of station. The station is not on highest point of ridge but was selected north of house so as to see Waltham triangulation station.

Signal: A tall pole with white flag and targets.

Station mark: An aluminum tablet cemented in solid rock 22.3 ft. S.S.W. of signal pole.

[Latitude 44 39 19.82

Longitude 68 15 46.84]

To Station—	Azimuth			Back Azimuth			Distance	
	°	'	"	°	'	"	Log. Meters	Miles
Hopkins	91	05	08	270	57	54	4.13326	
Waltham	144	11	56	324	08	57	3.97946	

#53
~~#52 Tank Lake~~

Station: WALTHAM CHURCH County: Hancock State: Maine

Observer: S. S. Gannett Year: 1907 Datum: 1927 N.A.D. by graph

Description: (Not occupied; no check on this position).

Station mark: Center of church spire on white church 0.5 mile north of Waltham post office.

M.E.E. $X = 542,380$

$Y = 322,477$

[Latitude 44 43 04.38 Longitude 68 20 13.04]

To Station—	Azimuth			Back Azimuth			Distance	
	°	'	"	°	'	"	Log. Meters	Miles
Hopkins								4.00923
Waltham								2.92871

53
 Station: WALTHAM County: HANCOCK State: MAINE

Observer: S. S. GANNETT Year: 1907 Datum: 1927 N.A.D. BY GRAPH

Description:

Bul. 440-p.314

RECOPY 4/12/56/EM

(Not occupied; no check on this position.)

ELLSWORTH QUADRANGLE

Station mark: Center of church spire on white church 0.5 mile N. of Waltham post office.

[Latitude 44° 43' 04.38" Longitude 68° 20' 13.04"]

To Station—	Azimuth ° ' "	Back Azimuth ° ' "	Distance	
			Log. Meters	Miles
Hopkins			4.00923	
Waltham			2.92871	