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SPIRIT LEVELING IN MASSACHUSETTS

1922-35

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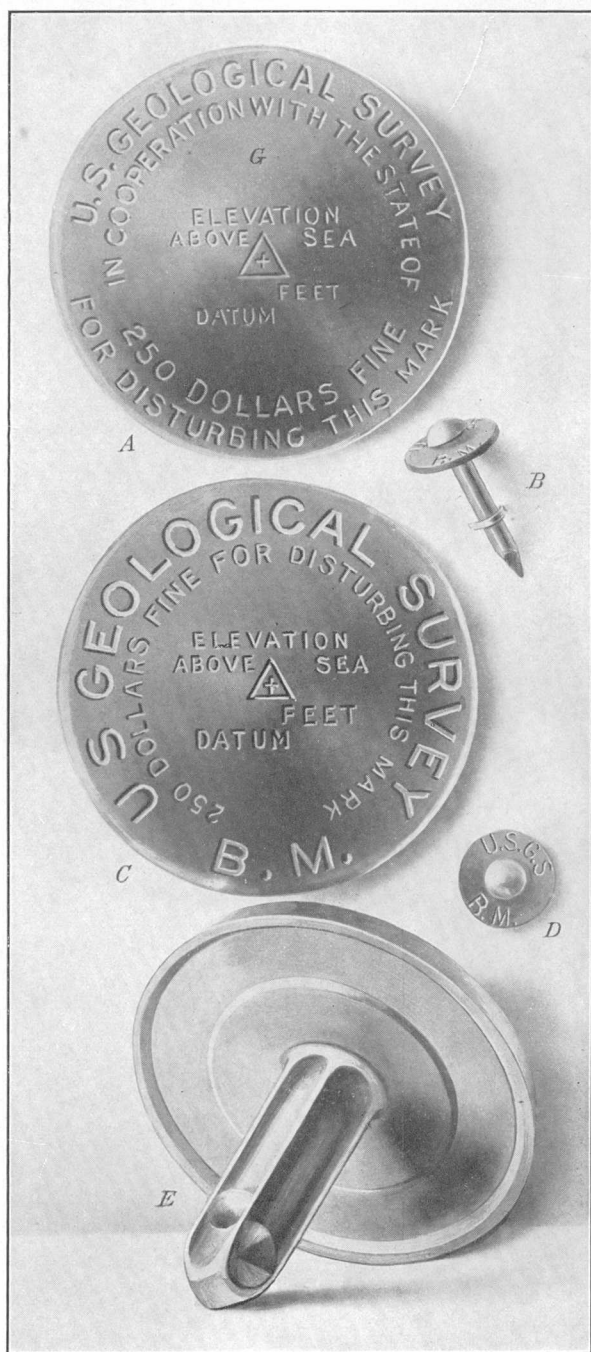
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GEOLOGICAL SURVEY BENCHMARKS.

A, Tablet used in cooperating States. The State name is inserted at G. B and D, Copper temporary benchmark, consisting of a nail and washer. A, C, and E, Tablets for stone or concrete structures.

SPIRIT LEVELING IN MASSACHUSETTS, 1922-35

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INTRODUCTION

History and cooperation.—Massachusetts had been entirely mapped by the United States Geological Survey in cooperation with the Commonwealth before 1896, the year in which the Geological Survey was first authorized to establish benchmarks. The cooperative topographic survey of the State was completed in 1887, but there is no record that any leveling was done as an aid to the mapping resulting from this survey. The recorded cooperative leveling in the State did not begin until 1922, and the present bulletin is the first to be published by the United States Geological Survey embodying the results of its leveling in Massachusetts.

The contours shown on the quadrangle maps made before 1896 were of necessity based only upon the meager leveling control then available, supplemented by vertical angles. The earliest leveling—before 1893—was done by State or municipal agencies and was purely local in scope. It was based upon various tidal datum planes for areas adjoining the coast and upon assumed datum planes for inland areas. In 1893, however, the State Topographic Commission undertook the task of providing reference heights for use both in reducing the main points of triangulation to a common geodetic surface and in the future revision of maps. For this purpose the commission engaged the services of C. H. Van Orden, of the United States Coast and Geodetic Survey, to extend a line of spirit leveling of high precision, based upon mean sea-level datum, along the Boston & Albany Railroad from Boston to Albany, there to connect with the precise leveling previously done by the Coast and Geodetic Survey along the Hudson River. This line was run by the double simultaneous method, using a Buff & Berger (cradle) precise level and one-piece rods treated with paraffin. The Van Orden line was apparently the first leveling of its character and scope attempted in Massachusetts by either a State or a Federal bureau. The results of this leveling were published in an appendix to the State Topographic Commission's report for 1893.¹

¹ See Commonwealth of Massachusetts, Report of the commissioners on the topographical survey for the year 1893, Boston, 1894.

In 1922, in cooperation with the War Department, the United States Geological Survey remapped the area within and adjacent to Camp Devens, near Ayer. Elevations to control the contouring of this area were determined by extending loops of third-order leveling (see p. 3), starting from previously established marks at Nashua, N. H., and including short local circuits in the Camp Devens area. Standard benchmarks were established along these lines of leveling, complying with the modern practice of third-order leveling. These local circuits have since been tied in by a line of levels run by the Commonwealth, and the results adjusted accordingly.

The United States Coast and Geodetic Survey began its first-order leveling in Massachusetts in 1923, when it extended a line northward across the State along the Connecticut River, another from Westerly, R. I., to Boston, and a third from Boston to Portland, Maine. In 1933 it reran the line from Springfield to Albany, N. Y., which formed part of the line originally run by the State Topographic Commission of 1893. The first-order level net thus established was further augmented by several hundred miles of first- and second-order leveling executed by engineers of the Massachusetts Department of Public Works, most of which was distributed through the eastern part of the State and all connected with the leveling done by the Coast and Geodetic Survey.

Since October 1932 the United States Geological Survey has cooperated with the Commonwealth in a detailed remapping program, as a result of which lines of third-order leveling have been extended into quadrangles included in Barnstable, Bristol, Franklin, Hampden, Hampshire, Norfolk, Plymouth, Suffolk, and Worcester Counties. This program is still in progress. Benchmarks of the United States Coast and Geodetic Survey and the Massachusetts Department of Public Works were used as base points for third-order lines. The work was done in accordance with regulations prescribed for third-order leveling by the United States Geological Survey.²

Although, as previously stated, the third-order lines run by the United States Geological Survey in Massachusetts are tied to and based upon the first- and second-order lines run by the United States Coast and Geodetic Survey and the Massachusetts Department of Public Works, this bulletin includes the results of the work done by the Geological Survey only.

Classification of leveling.—Spirit leveling is classified according to the degree of refinement in the instruments and methods used and according to the closure errors.

First-order leveling³ consists of leveling done with the most improved instruments, all sections being leveled twice, in opposite

² See Douglas, E. M., *Leveling*: U. S. Geol. Survey Bull. 788; pp. 117-160, 1918.

³ See Avers, H. J., *Manual of first-order leveling*, U. S. Coast and Geodetic Survey Special Pub. 140, 1929.

directions, under varying conditions. Closures are not allowed to exceed the amount in feet represented by the formula

$$0.017\sqrt{\text{length of section in miles.}}$$

All corrections for rod error, temperature, and unbalanced sights are applied, as well as the orthometric corrections for convergence toward the poles of level surfaces of different elevations.

Second-order leveling, according to regulations of the United States Geological Survey, comprises lines leveled twice with reliable instruments, though not necessarily of the most improved type. Closures are not allowed to exceed $0.035\sqrt{\text{length of section in miles.}}$

Third-order leveling is made up of lines that are run, either with first-order equipment or with an engineer's wye level and New York rods, in single-line circuits that are required to close within the limits, in feet, of $0.05\sqrt{\text{length of circuit in miles.}}$ This is equivalent to $0.071\sqrt{\text{length of section}}$ if the line is leveled twice.

Adjustments.—The adjustment of a leveling net begins with the first-order lines. Most of these lines in both the United States and Canada have already been combined in a general net, and the orthometric differences derived from the observed values by correction for the convergence of level planes toward the north have been adjusted to remove accidental closure errors by the mathematical method known as least squares. The latest adjustment of this kind was made in 1929 by the United States Coast and Geodetic Survey and is known as the "1929 general adjustment of first-order leveling." This adjustment included the first-order lines in Massachusetts, and the elevations thus derived are the fundamental references for elevations determined by second- and third-order nets. The third-order leveling of the United States Geological Survey in Massachusetts has been adjusted by determining weighted mean elevations for new junction points and prorating the errors of each link. The weights are taken as the reciprocals of lengths of links. The third-order net has thus been brought into agreement with the best information available for the results of the fundamental first-order leveling.

Benchmarks.—The standard benchmarks used by the United States Geological Survey in Massachusetts in 1922 are circular tablets $3\frac{3}{8}$ inches in diameter, with a thickness tapering from three-eighths of an inch at the center to about a quarter of an inch near the rounded edge. (See pl. 1.) Each tablet has a 3-inch shank attached to its under side at the center, by means of which it is cemented in place. The face of the tablet is cast with the words "U. S. Geological Survey", "In cooperation with the State of", "Elevation above sea ——— feet", and "250 dollars fine for disturbing this mark." A cross inside a triangle at the center indicates the fiducial point for position or elevation. If the tablet is to mark a traverse station, the traverse-man stamps it with his identifying letter or letters, the serial number

of the station, and the year, using steel dies. If the tablet is set as a benchmark, the levelman stamps it with his identifying letter or letters, the serial number, and the year. Later, the figures of elevation to the nearest foot as determined by field computation are stamped with steel dies on those tablets that serve as benchmarks, which include many that were set to mark traverse stations. Thus a tablet may serve a dual purpose, but it bears the identifying designation and date of one party only—the party that set it. The latest style of tablet omits the penalty phrase and substitutes the words “For information write the Director” and “Washington, D. C.”, and adds the word “benchmark.” The figures of elevation as determined in the field and stamped upon the tablets are sometimes found to be in error, as shown by office computation, but the figures still serve to identify the marks. It is assumed that engineers and others who have occasion to use the benchmarks and who are either not aware of the publication of this bulletin or have not convenient access to it will apply to the Director of the United States Geological Survey, Washington, D. C., for the accurate figures of elevation.

The tablets, of whatever style, are cemented into holes drilled in solid rocks or in the walls of public buildings, bridge abutments, or other masonry structures. Where masonry or rock is not available, concrete posts are constructed with the tablets set in their tops. As a rule the posts are about 8 inches square or 8 inches in diameter at the top, broader at the base, and reinforced with iron bars. They are generally set so as to project about 6 inches above ground and are made sufficiently long to reach below the frost line.

Supplementary benchmarks are of several types. One type consists of a copper nail $1\frac{1}{2}$ inches long supplied with a $\frac{3}{8}$ -inch copper washer, through which it is driven into the root of a tree or some timber structure or cemented into rock after bending the point. The designation “U S G S B M” is stamped on each washer, and on some of them the abbreviation of the name of the State is added. Another type of supplementary benchmark is a chiseled square, used on rocks or masonry structures in horizontal position, or a chiseled cross, used on structures in vertical position. Ordinary nails and track spikes are also used and, occasionally, easily described and recognized points, such as doorsills and tops of hydrants.

Preservation and restoration of benchmarks.—Any person who finds that a standard benchmark has been damaged, disturbed, or destroyed or that it should be reset or redescribed on account of highway or other improvements will render a public service by communicating the facts to the Director, United States Geological Survey, Washington, D. C., before taking any action affecting the location or elevation of the mark. A proper form, accompanied by a return-addressed, franked envelope, will be sent for use in reporting the action taken

and in recording the revised description of the mark, if any, and the notes made in obtaining the revised elevation.

Datum.—All elevations determined by the United States Geological Survey and those determined by the United States Coast and Geodetic Survey for inland mapping are referred to mean sea level, which is the level that the sea would assume if the influence of winds, tides, and currents were eliminated. This level is not the elevation determined from the mean of the highest and lowest tides, nor is it the half sum of the mean of all the high tides and the mean of all the low tides, which is called the half-tide level. Mean sea level is the average height of the water, all stages of the tide being considered. It is determined from observations made by means of tidal gages placed at stations where local conditions, such as those due to long, narrow bays, rivers, and like features, will not affect the height of the water. To obtain even approximately correct results these observations must extend over at least one lunar month, and if accuracy is desired they must extend over several years. At ocean stations the half-tide level and the mean sea level usually differ but little. It is assumed that there is no difference between the mean sea levels determined from observations made in the Atlantic Ocean, the Gulf of Mexico, and the Pacific Ocean.⁴

Index map.—The accompanying index map of Massachusetts (fig. 1) shows the relative position of the mapped quadrangle areas which make up the State, most of which extend 15 minutes in both latitude and longitude. The benchmark descriptions in this bulletin are grouped according to these quadrangle areas. The 15-minute quadrangles designated Falmouth, Northampton, Plymouth, and Springfield have been subdivided, as shown in figure 2, into 7½-minute quadrangles, and the descriptions and elevations of benchmarks in these areas appear in lists headed by the names of the smaller quadrangles. Maps of the quadrangles may be purchased at 10 cents each retail or 6 cents wholesale (in lots of 50 or more). Prepayment is required and may be made by money order, payable to the Director of the United States Geological Survey, or in cash—the exact amount—at sender's risk. Postage stamps should not be sent.

The heavy black lines on the index map indicate the routes of the third-order lines of leveling in Massachusetts run by the United States Geological Survey. The light dotted lines indicate the routes followed by the first- and second-order lines of leveling of the United States Coast and Geodetic Survey. An extensive net of first- and second-order leveling has been run also by the Massachusetts De-

⁴ See Jones, E. L., *Hypsometry—Use of mean sea level as the datum for elevations*: U. S. Coast and Geodetic Survey Special Pub. 41, 1917; *Manual of tide observations*: U. S. Coast and Geodetic Survey Special Pub. 196, 1935.

A detailed map of New England, including parts of New York, Vermont, New Hampshire, Maine, Massachusetts, Rhode Island, and Connecticut. The map shows the coastline, major rivers, and numerous towns. A legend in the bottom right corner indicates that solid lines represent U.S.G.S. levels and dashed lines represent U.S.C. and G.S. levels. The map is oriented with North at the top. The title 'NEW ENGLAND' is written vertically along the right side of the map. The map includes a grid of latitude and longitude lines, with latitude marked from 42° to 45° and longitude marked from 70° to 74°.

FIGURE 1.—Index map of Massachusetts showing the quadrangles into which the State has been divided and the routes followed by levelmen of the United States Geological Survey and the United States Coast and Geodetic Survey.

⁵ Local control survey, Leveling in Massachusetts (F. E. R. A. Project No. XS-F2-U4), Massachusetts Dept. Public Works, 1935.

It will be noticed that many of the Geological Survey's lines appear on the accompanying index map (fig. 1) as spurs, and some even seem to be entirely disconnected from other lines of leveling. This fragmentary appearance is due to the omission on the map of the lines run by the Massachusetts Department of Public Works, although actually the Public Works lines were used to close circuits.

Personnel and equipment.—The field work of the United States Geological Survey in the Camp Devens area was done by a party composed of a levelman, a recorder, and two rodmen. D. H. Baldwin, geodetic engineer, was in charge of the party and acted as levelman. A precise prism level and two 12-foot wooden rods were used, each rod having an invar metal strip inlaid in its front surface. The invar strip was graduated to hundredths of a yard, the larger divisions of yards and tenths of a yard being indicated on the adjoining surface

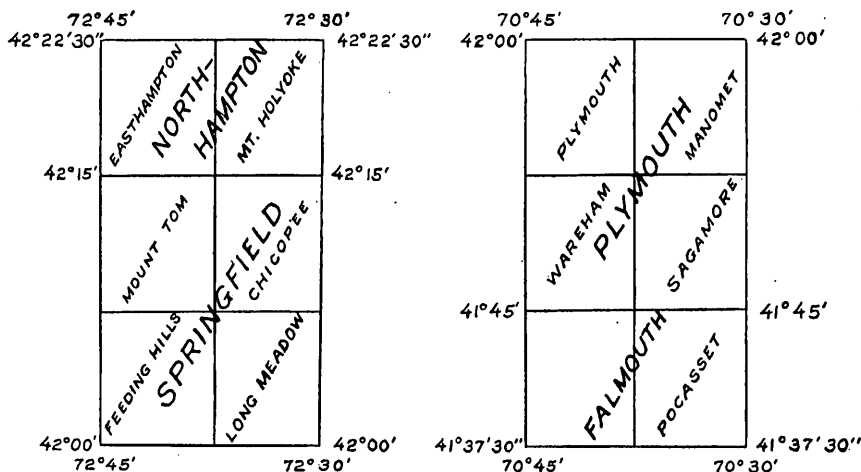


FIGURE 2.—Diagram of the Falmouth, Northampton, Plymouth, and Springfield 15-minute quadrangles showing the 7 1/2-minute quadrangles into which they have been subdivided.

of the rod itself.⁶ Three-thread readings, in yards, with each reading estimated to the nearest thousandth of a yard, were made for each backsight and each foresight, and corresponding direct center-thread observations to hundredths of a foot were made on a supplementary scale on the back of the rod as checks against gross errors.

Most of the leveling of the United States Geological Survey in Massachusetts since 1932 has been done by three parties working concurrently, each consisting of a levelman, two rodmen, and a recorder. In addition, when occasion required, a fourth party, consisting of an engineer and his assistant, aided in the work by setting benchmarks in advance of the leveling. R. G. Clinite, associate geodetic engineer, was in charge of the parties and also acted as

⁶ For a detailed description and photographs of the instruments used in leveling see Douglas, E. M., *Leveling*: U. S. Geol. Survey Bull. 788, pp. 117-160.

levelman. The names of the other levelmen engaged in this work appear under the appropriate route titles. Prism levels of the Staack design ⁷ and invar-strip yard rods were used by all parties except the party engaged in setting benchmarks. The yard rods were also calibrated on one edge in units corresponding to 0.06 foot, which afforded a check for each rod reading when the backsights and foresights were recorded in yards by center-thread observation alone. Each levelman stamped his identifying letter or letters and the appropriate serial number on each standard tablet he established. Figures of elevation to the nearest foot obtained from field computations approximately in agreement with the 1929 general adjustment of the first-order level net were also stamped on all the standard tablets thus placed as permanent benchmarks.

The adjustment of the third-order level net, the correlation and compilation of the descriptions and elevations of benchmarks in the lists for the various quadrangles, and the assembling of the lists were done in the Washington office of the United States Geological Survey by R. G. Clinite, associate geodetic engineer, under the immediate supervision of R. M. Wilson, chief of the section of computing, and the general direction of J. G. Staack, chief topographic engineer.

⁷ The Staack prism level was designed in the division of field equipment of the United States Geological Survey and named in honor of J. G. Staack, chief topographic engineer of the Survey.

THIRD-ORDER LEVELING

ABINGTON QUADRANGLE

[Latitude 42°-42°15'; longitude 70°45'-71°]

NORFOLK AND PLYMOUTH COUNTIES

From Monponsett southeast along New York, New Haven & Hartford Railroad (Boston Division) to Halifax station, thence north along roads by way of Pembroke, Hanover, Norwell, and Beechwood to Beechwood station (by E. M. Wheeler in 1934; section between Monponsett and Halifax station rerun by R. G. Clinite)

	<i>Feet</i>
Mass. Dept. Public Works T. B. M. designated "No. 236"	72. 997
Halifax, across tracks to NE. of R. R. sta., on SW. corner of concrete base of semaphore; chiseled square	72. 807
Halifax, 1.1 mi. N. of R. R. sta., 20 ft. W. of center line of rd., in root on W. side of 10-in. twin oak tree; copper nail and washer	97. 49
Halifax, 1.8 mi. N. of R. R. sta., 2.2 mi. S. of Pembroke post office, 175 ft. E. of junction of Plain and Center Streets, 70 ft. S. of center line of Plain Street, on top of boulder flush with ground; standard tablet stamped "C 80 1934 86"	85. 649
Reference mark, 165 ft. S. and 145 ft. W. of tablet, 240 ft. S. of junction of Plain and Center Streets, 20 ft. E. of center line of Center Street, in root on E. side of 40-in. pine tree; rail spike	72. 84
Pembroke, 0.8 mi. W. of post office, at junction of Center and Hobomack Streets, 20 ft. W. of center line of Center Street, in root on W. side of 24-in. oak tree; copper nail and washer	61. 80
Pembroke, in NE. angle of junction of Center Street and Mountain Avenue, 40 ft. S. of center line of Center Street, in root on N. side of 18-in. elm tree; wire nail	88. 12
Pembroke, 75 ft. NW. of post office, at junction of Center and Mattakesett Streets, in root on SE. side of 24-in. elm tree; copper nail and washer	92. 27
Pembroke, 0.3 mi. N., thence 0.6 mi. W. from post office, in NE. angle of junction of West Elm and Oldham Streets, 25 ft. E. of center line of rd., in base on W. side of 14-in. pine tree; rail spike	46. 72
Pembroke, 2.1 mi. NW. of post office, 1.9 mi. SW. of Hanover four corners, opposite junction of West Elm and Dwelley Streets, 15 ft. E. of center line of West Elm Street, in root on SW. side of 24-in. ash tree; copper nail and washer	94. 90
Hanover, 1.1 mi. SW. of four corners, on stone highway bridge at Ludams Ford across Indian Head River, on top of N. end of E. stone curbing; standard tablet stamped "C 83 1934 16"	16. 424
Reference mark, 130 ft. S. and 70 ft. W. of tablet, in point of fork between public rd. N. and private rd. SW., 30 ft. W. of center line of public rd., on boulder flush with ground; chiseled square	17. 63
Hanover, in N. angle of intersection of State Highway 3 and Broadway, at fire-engine house, 1 ft. from building, in top of SW. concrete retaining wall of approach; chiseled square	70. 19

Hanover, 0.8 mi. NE. of four corners, 2.9 mi. S. of Norwell post office, 70 ft. SW. of junction of River Street and Common Avenue, 25 ft. NW. of center line of River Street, in root on S. side of 30-in. pine tree; rail spike-----	<i>Feet</i> 55. 68
Norwell, 1.8 mi. SW. of post office, 125 ft. E. of center line of River Street, opposite Gutterson estate, on top of shelf on S. side of boulder; standard tablet stamped "C 84 1934 106"-----	106. 053
Reference mark, 80 ft. S. and 130 ft. W. of tablet, 20 ft. E. of center line of River Street, in root on W. side of 16-in. elm tree; copper nail and washer-----	111. 62
Norwell, 0.7 mi. S. of post office, 90 ft. S. of stone wall, 25 ft. W. of center line of River Street, in root on E. side of 24-in. elm tree; copper nail and washer-----	98. 00
Norwell, 250 ft. W. of post office, at junction of River and Main Streets, on top of NE. corner of granite curb of Common; chiseled square-----	80. 52
Norwell, 1.3 mi. NW. of post office, in N. angle of junction of Central and Mount Blue Streets, 25 ft. NW. of center line of Central Street (probably in boulder); standard tablet stamped "C 85 1934 128"-----	128. 067
Reference mark, 180 ft. S. and 180 ft. W. of tablet, 15 ft. NW. of center line of rd., in root on NE. side of 14-in. elm tree; copper nail and washer-----	132. 24
Norwell, 2.3 mi. NW. of post office, 15 ft. N. of center line of rd., on top of large boulder; chiseled square-----	139. 69
Norwell, 3.2 mi. NW. of post office, 2.8 mi. SW. of Beechwood village, in SE. angle of junction of Mount Blue and School Streets, 2 ft. back of N. end of guard fence, on top of boulder flush with ground; chiseled square-----	105. 58
Beechwood village, 0.7 mi. SE., thence 1.8 mi. SW. from, in SE. angle of junction of Mount Hope Street and driveway to Andrews' ice house, 20 ft. S. of center line of Mount Hope Street, on top of boulder; standard tablet stamped "C 86 1934 111"-----	110. 885
Reference mark, 70 ft. N. and 50 ft. W. of tablet, 15 ft. N. of center line of Mount Hope Street, 60 ft. W. of ice-house driveway, in root on S. side of 40-in. oak tree; copper nail and washer-----	111. 01
Scituate-Norwell town line, 10 ft. NW. of center line of rd., opposite bound stone; top of boulder flush with ground-----	130. 73
Beechwood village, 0.7 mi. SE. of, 130 ft. N. of junction of Clapp rd. and Summer Street, 40 ft. W. of center line of Summer Street, on top of boulder; chiseled square-----	114. 85
Beechwood village, 0.4 mi. NE. of, 1.1 mi. SW. of Beechwood sta., 0.1 mi. SW. of Bound Brook, at SE. edge of rd. back of catch basin, on top of ledge flush with ground; chiseled square-----	69. 34
Beechwood sta., along Beechwood Street 0.6 mi. SW. of, 200 ft. NE. of junction of Beechwood Street and State Highway 3A, 15 ft. SE. of center line of Beechwood Street, at W. end of large ledge; standard tablet stamped "C 87 1934 81"-----	81. 204
Reference mark, 140 ft. W. and 15 ft. S. of tablet, in NE. angle of junction of Beechwood Street and State Highway 3A, in root on N. side of 24-in. pine tree; rail spike-----	74. 13
Mass. Dept. Public Works T. B. M. designated "No. 184"-----	21. 525

From Pembroke along roads southwest and south to South Hanson (by E. M. Wheeler in 1934)

Pembroke, 1.0 mi. SW. of post office, 2.3 mi. E. of Hanson town hall, 20 ft. S. of center line of Mattakeesett Street, at outlet to Furnace Pond from No Bottom Pond, on top of head wall of concrete culvert; standard tablet stamped "C 81 1934 64"-----	<i>Feet</i> 63. 772
Reference mark, 40 ft. N. and 180 ft. E. of tablet, 20 ft. N. of center line of rd., in root on N. side of 14-in. oak tree; copper nail and washer-----	70. 22
Hanson, 0.9 mi. NE. of town hall, 20 ft. N. of center line of rd. at Maquan Pond, at twin maple tree, in root on S. side of SW. (14-in.) trunk; copper nail and washer-----	78. 53
Hanson, opposite town hall, on S. side of triangle at junction of Liberty and Winter Streets, on top of concrete curb; chiseled square-----	72. 92
Hanson, 0.1 mi. SW. of town hall, in S. angle of junction of Liberty and High Streets, 5 ft. S. of edge of rd., on top of boulder flush with ground; chiseled square-----	72. 07
South Hanson, 1.1 mi. along rds. E. and N. of R. R. sta., in top of NW. concrete foundation of fire-lookout tower; standard tablet stamped "C 82 1934 153"-----	153. 415
Reference mark, 140 ft. S. and 35 ft. W. of tablet, 25 ft. E. of center line of rd., in root on W. side of 20-in. elm tree; copper nail and washer-----	151. 58
Mass. Dept. Public Works T. B. M. designated "No. 237"-----	66. 261

From North Abington along roads east and southeast by way of Rockland and West Hanover to Hanover four corners (by E. M. Wheeler in 1934)

Mass. Dept. Public Works B. M. designated "D 19"-----	139. 286
Rockland, in W. part of, 80 ft. SE. of junction of Water and Plain Streets, 20 ft. NE. of center line of Plain Street, in root on W. side of 24-in. maple tree; copper nail and washer-----	129. 46
Rockland, in S. part of, 65 ft. SE. of junction of Liberty and Market Streets, 15 ft. NE. of center line of Market Street, in root on W. side of 36-in. elm tree; copper nail and washer-----	98. 97
West Hanover, 0.1 mi. E. of R. R. sta., 230 ft. SE. of Pleasant Street, 45 ft. NE. of branch of Drinkwater River, on top of large boulder; standard tablet stamped "C 88 1934 83"-----	82. 991
Reference mark, 150 ft. N. and 150 ft. W. of tablet, on E. side of Pleasant Street, at concrete culvert over branch of Drinkwater River, on top of and 4 ft. from N. end of head wall; chiseled square-----	82. 40
West Hanover, 1.1 mi. NE. of R. R. sta., in N. angle of junction of route rd. with West Avenue, 100 ft. N. of junction, on SW. side of 14-in. oak tree; copper nail and washer-----	77. 90
West Hanover, 2.1 mi. NE. of R. R. sta., opposite T-rd. E. (Union Street), 45 ft. W. of center line of Main Street, in root on E. side of 24-in. hickory tree; copper nail and washer-----	95. 29
Hanover, 2.3 mi. NW. of four corners, 350 ft. E. of rd. to standpipe, 30 ft. N. of center line of Union Street, on top of boulder; standard tablet stamped "C 89 1934 123"-----	123. 321
Reference mark, 20 ft. S. and 370 ft. E. of tablet, in NE. angle of junction of Union Street and rd. to N., in root on N. side of 8-in. oak tree; copper nail and washer-----	121. 50

Hanover, 1.3 mi. NW. of four corners, 100 ft. SE. of junction of Washington Street and rd. E., 25 ft. NE. of center line of Washington Street, in root on S. side of 36-in. elm tree; copper nail and washer---	Feet 88. 78
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From South Weymouth along roads east and northeast by way of Accord
(Queen Ann Corners) to Mount Blue (by E. M. Wheeler in 1934)

Mass. Dept. Public Works T. B. M. designated "No. 243"-----	146. 633
South Weymouth, 1.3 mi. NE. of R. R. sta., at junction of Park Street with Park Avenue, 30 ft. S. of center line of Park Street, in root on S. side of 40-in. oak tree; copper nail and washer-----	118. 80
South Weymouth, 2.3 mi. NE. of, 20 ft. S. of center line of Ralph Talbot Street, 110 ft. W. of Weymouth-Hingham town line, on N. corner of ledge outcrop, about 2 ft. above rd. surface; chiseled square-----	152. 90
Accord, 1.1 mi. NW. of post office, 145 ft. E. of junction of Derby Street with rd. NE., 25 ft. S. of center line of Derby Street, on W. end of large ledge outcrop; standard tablet stamped "C 90 1934 153"-----	152. 509
Reference mark, 75 ft. N. and 65 ft. W. of tablet, in NE. angle of junction of Derby Street with rd. NE., in root on SW. side of 16-in. oak tree; copper nail and washer-----	149. 12
Accord, 0.3 mi. NW. of post office, 30 ft. SW. of center line of Whiting Street, in root on NE. side of 36-in. oak tree; copper nail and washer-----	136. 01
Accord, near post office, at junction of Main and Whiting Streets, on SW. corner of granite foundation slab of Bacon memorial fountain; chiseled square-----	155. 40
Accord, 0.4 mi. SE. of post office, in N. angle of junction of Washington and Grove Streets, on E. corner of rim of catch basin; chiseled corner-----	174. 56
Accord, 0.7 mi. E. of post office, 15 ft. NW. of center line of Grove Street, in root on NE. side of 12-in. oak tree; copper nail and washer-----	159. 19
Accord, 1.8 mi. E. of post office, 270 ft. SW. of junction of Grove and Prospect Streets, 15 ft. SE. of center line of Grove Street, on top of boulder; standard tablet stamped "C 91 1934 144"-----	143. 728
Reference mark, 100 ft. N. and 200 ft. E. of tablet, in SW. angle of junction of Grove and Prospect Streets, in root on S. side of 36-in. ash tree; copper nail and washer-----	143. 03
Accord, 2.6 mi. E. of post office, 15 ft. N. of center line of Grove Street, in root on S. side of 16-in. pine tree; rail spike-----	121. 14

From North Hanover, at junction of Union and Main Streets, along roads
northwest and north by way of Accord to Hingham Harbor (by E. M.
Wheeler in 1934)

North Hanover, in village of, 20 ft. E. of center line of Main Street, in root on E. side of 18-in. maple tree; copper nail and washer----	106. 25
Accord, 1.7 mi. SE. of post office, 125 ft. S. of Norwell-Hanover town line, 20 ft. W. of center line of Main Street, in root on NE. side of 48-in. elm tree; copper nail and washer-----	130. 77
Accord, 1.0 mi. N. of post office, at Liberty Plain, in NE. angle of junction of Main and Scotland Streets, 60 ft. E. of center line of Main Street, in root on SW. side of 16-in. elm tree; copper nail and washer-----	137. 62

Accord, 2.2 mi. N. of post office, at Upper Plain, in triangle at junction of Main and South Pleasant Streets, in root on W. side of 36-in. elm tree; copper nail and washer.....	<i>Feet</i> 68. 10
Accord, 2.2 mi. N., thence 0.8 mi. E. from post office, 225 ft. N. of junction of Lazell and Charles Streets, 30 ft. E. of center line of Lazell Street, on top of ledge flush with ground; standard tablet stamped "C 92 1934 70".....	69. 745
Reference mark, 230 ft. N. and 100 ft. E. of tablet, 300 ft. N. of junction of Lazell and Charles Streets, 24 ft. E. of center line of Lazell Street, in root on E. side of 24-in. oak tree; copper nail and washer.....	69. 53
Hingham, 2.3 mi. SE. of R. R. sta., in NW. angle of junction of Lazell and Union Streets, in root on W. side of 28-in. elm tree; copper nail and washer.....	38. 00
Hingham, 1.5 mi. SE. of R. R. sta., in SW. angle of junction of Union and Pleasant Streets, 75 ft. S. of junction, 20 ft. W. of center line of Union Street, in root on E. side of 16-in. maple tree; copper nail and washer.....	51. 12
Mass. Dept. Public Works B. M. designated "A 14".....	15. 303

From West Hanover railroad station along roads south and southeast to Hanson town hall (by E. M. Wheeler in 1934)

West Hanover, 1.2 mi. SE. of R. R. sta., at S. one of two culverts at outlet of pond under King Street, on top of S. end of W. head wall; chiseled square.....	68. 80
West Hanover, 2.0 mi. SE. of R. R. sta., 20 ft. W. of center line of King Street, in root on E. side of 36-in. buttonwood tree; copper nail and washer.....	102. 20
Hanson town hall, 1.6 mi. along rd. NE. and NW. of, 150 ft. NW. of center line of Washington Street, along driveway on property of Peter E. Benson, on top of ledge flush with ground; standard tablet stamped "C 98 1934 84".....	84. 280
Reference mark, 150 ft. N. and 270 ft. E. of tablet, in SE. angle of intersection of Washington and Whitman Streets, in root on NW. side of 18-in. elm tree; copper nail and washer.....	75. 98
Hanson town hall, 0.4 mi. N. of, 25 ft. W. of center line of Winter Street, in root on SE. side of 14-in. pine tree; rail spike.....	105. 94

From North Abington railroad station along roads west and south to Beaver Brook and Crescent Streets, Brockton (by E. M. Wheeler in 1934)

North Abington, 1.2 mi. W. of R. R. sta., 15 ft. NW. of center line of Lincoln Street, in base on SE. side of 24-in. pine tree; rail spike..	183. 66
North Abington, 2.4 mi. W. of R. R. sta., in S. angle of junction of Hancock and Chestnut Streets, on top of boulder; chiseled square..	171. 88
North Abington, 3.3 mi. W. of R. R. sta., 10 ft. NW. of center line of Chestnut Street, on top of W. end of ledge; standard tablet stamped "C 94 1934 202".....	201. 568
Reference mark, 20 ft. S. and 100 ft. E. of tablet, 15 ft. SE. of center line of Chestnut Street, in root on SE. side of 24-in. pine tree; rail spike.....	192. 24
Abington, 2.5 mi. along Ashland Street SW., thence 1.1 mi. NW. from post office, 100 ft. NW. of junction of North Quincy and Boundary Streets, 10 ft. SW. of center line of Boundary Street, in root on N. side of 30-in. pine tree; rail spike.....	206. 25

Abington, 2.5 mi. along Ashland Street SW., thence 0.9 mi. NW. from post office, in NE. angle of junction of North Cary and North Quincy Streets, 50 ft. SE. of junction, 10 ft. NE. of center line of North Quincy Street, in root on SW. side of 36-in. ash tree; copper nail and washer-----	<i>Feet</i> 218. 99
Abington, 2.5 mi. along Ashland Street SW. of post office, in SW. angle of intersection of North Quincy and Ashland Streets, 50 ft. S. of intersection, 25 ft. W. of center line of North Quincy Street, in root on W. side of 24-in. maple tree; copper nail and washer-----	219. 17
Brockton, 1.9 mi. E. of R. R. sta., 8 ft. S. of S. edge of Crescent Street, on E. side of Beaver Brook, on top of retaining wall; chiseled square-----	104. 83

From Dedham quadrangle near Holbrook along roads east and southeast to West Abington (by E. M. Wheeler in 1934)

Mass. Dept. Public Works T. B. M. designated "No. 256" (in Dedham quadrangle)-----	131. 792
Holbrook, 70 ft. N. and 70 ft. E. of post office, in SE. angle of intersection of Plymouth and Franklin Streets, on W. end of curb inlet stone; chiseled square-----	207. 62
Holbrook, 1.0 mi. S. of post office, 15 ft. E. of center line of Plymouth Street, on top of N. end of head wall of concrete culvert; chiseled square-----	209. 03
Holbrook, 1.0 mi. S., thence 0.8 mi. E. from post office, in SW. angle of junction of Plymouth and Sycamore Streets, 20 ft. SW. of center line of Plymouth Street, on top of boulder; chiseled square-----	170. 36

From Stanley Iron Works, Bridgewater, along roads east to Stump Pond, thence north to South Hanson station (by Ira M. Chace, Jr., in 1934)

[Line jogs into Middleboro quadrangle]

Mass. Dept. Public Works T. B. M. designated "No. 251"-----	61. 857
Stanley sta., 1.1 mi. E. of, on S. side of High Street, 4 ft. S. of highway fence, in root of 18-in. oak tree; copper nail and washer-----	71. 74
Stanley sta., 1.9 mi. E. of, in triangle at rd. forks, in root of 16-in. soft-pine tree; copper nail and washer-----	60. 54
Stanley sta., 3.2 mi. NE. of, about 90 ft. S. of center line of Plymouth Street (Highway 106), on SW. corner of head wall of culvert; chiseled square-----	82. 94
South Hanson sta., 0.3 mi. SW., thence 2.3 mi. S. from, in NW. angle of intersection of Elm and Pond Streets, in top of boulder; chiseled square-----	102. 08
South Hanson sta., 0.3 mi. SW., thence 1.1 mi. S. from, on N. side of intersection of Elm and Hudson (rd. SW.) Streets, in root of 12-in. oak tree; copper nail and washer-----	89. 58
South Hanson sta., 0.3 mi. SW. of, 105 ft. E. of intersection of Elm and Main (Route 27) Streets, in root of 24-in. oak tree; copper nail and washer-----	92. 67
Mass. Dept. Public Works T. B. M. designated "No. 237"-----	66. 261

From Dedham quadrangle near West Bridgewater along roads east and southeast by way of Westdale and Elmwood stations to east side of Sprague Hill (by R. G. Clinite and Ira N. Chace, Jr., in 1934)

West Bridgewater, 1.0 mi. E. of commons, 75 ft. W. and 25 ft. S. of intersection of State Highway 106 and East Street, in root of 15-in. elm tree; copper nail and washer-----	<i>Feet</i> 77. 40
West Bridgewater-East Bridgewater town line, at crossing of rd; center line of rd-----	78. 4
Westdale sta., near, in rear of post-office garage, on boulder; chiseled square, Mass. Dept. Public Works T. B. M. designated "No. 252"-----	71. 537
Mass. Dept. Public Works B. M. designated "G 20"-----	65. 696
Elmwood, 160 ft. S. of junction of Highways 18 and 106 (Bedford and West Streets), 30 ft. E. of center line of Bedford Street, on porch of post office (store of H. W. Flagg), on S. end of concrete floor; standard tablet stamped "C 98 68 1934"-----	68. 072
Reference mark, 50 ft. SW., thence 35 ft. NW. from tablet on SE. corner of curbstone of catch basin; chiseled square-----	67. 51

From Dedham quadrangle at Brockton east and southeast along Crescent and Auburn Streets by way of Auburnville to Washington Street, Whitman (by Ira M. Chace, Jr., in 1934)

Auburnville, 1.4 mi. NW., thence 0.5 mi. W. from, 100 ft. N. of intersection of Crescent (Highway 27) and Pine Streets, in yard of No. 588 Crescent Street, property of Levi J. Harper, in top of boulder; standard tablet stamped "C 96 124 1934"-----	123. 625
Reference mark, 55 ft. S. and 160 ft. W. of tablet, at NE. corner of Crescent and Gladstone Streets, 8 ft. W. of SE. corner of catch basin curb; chiseled square-----	123. 67
Auburnville, 0.5 mi. NW. of, 0.5 mi. SE. of intersection of Alger and Auburn Streets, on NE. side of Auburn Street, on top of boulder; chiseled square-----	109. 89
Auburnville, 0.8 mi. E. of, at intersection of Auburn and Bedford Streets, on SW. corner of base of blinker light; chiseled square----	97. 51
Auburnville, 1.3 mi. E. of, 0.3 mi. E. of intersection of Auburn and Bedford Streets, 210 ft. N. of center line of Auburn Street, in rear of No. 289 Auburn Street, on property owned by Ellen F. Crowley, on top of boulder; standard tablet stamped "C 97 108 1934"-----	108. 117
Reference mark, 235 ft. S. of tablet, 0.3 mi. E. of Bedford Street, on S. line of Auburn Street, on top of boulder; chiseled square-----	107. 43
Mass. Dept. Public Works T. B. M. designated "No. 258"-----	92. 992

From road forks 1.5 miles southeast of West Duxbury along roads northwest to Center Street and Mountain Avenue, Pembroke (by E. M. Titus in 1934)

West Duxbury, 1.0 mi. along State Highway 3 SE. of, 480 ft. S. of junction of Highway 3, East, and Franklin Streets, 80 ft. W. of center line of Highway 3, in pine grove, on top of ledge 4 ft. above ground; standard tablet stamped "C 153 1934 121"-----	121. 239
Reference mark, 120 ft. S. and 60 ft. E. of tablet, 55 ft. W. of center line of State Highway 3, on top of granite highway boundary stone; chiseled square-----	122. 32

West Duxbury, 100 ft. S. of signpost marking Pembroke-Duxbury town line, 35 ft. SW. of intersection of High and Taylor Streets, 20 ft. E. of large 2-story building, on top of rubble retaining wall; chiseled square.....	Feet 122. 83
West Duxbury, 1.1 mi. along High Street NW. of, at junction of High Street and Mountain Avenue, 25 ft. E. of junction, 15 ft. NE. of center line of High Street, in root on W. side of 16-in. elm tree; copper nail and washer.....	86. 07
From Pembroke Street bridge, near southeast corner of quadrangle, along roads generally north by way of Ashdod and North Marshfield into Duxbury quadrangle near Walnut Tree Hill (by E. M. Titus in 1934)	
[Line jogs into Duxbury quadrangle]	
Mass. Dept. Public Works T. B. M. designated "No. 233".....	39. 089
Kingston, 1.3 mi. NW., thence along rd. 1.0 mi. N. from, 100 ft. S. and 35 ft. E. of rd. forks, 30 ft. E. of center line of dirt rd. (route rd. from S.), in root on SW. side of 14-in. pine tree; copper nail and washer.....	57. 95
Kingston, along R. R. 1.0 mi. NW., thence along rds. 1.6 mi. NW. from, at rd. forks 210 ft. W. of Hall Brook, 20 ft. N. and 15 ft. W. of junction, in root on NW. side of 12-in. pine tree; copper nail and washer.....	60. 81
North West Duxbury, 3.1 mi. SW. of, 12 ft. N. and 15 ft. W. of junction of Pine and Chapel Streets, 25 ft. W. of center line of Chapel Street, in root on E. side of 14-in. pine tree; copper nail and washer..	75. 48
North West Duxbury, 2.4 mi. SW. of, 10 ft. N. and 40 ft. E. of intersection of Chapel and Birch Streets, 10 ft. N. of center line of Birch Street, in root on NE. side of 12-in. pine tree; copper nail and washer.....	91. 38
North West Duxbury, 1.5 mi. SW. of, in S. angle of triangle formed by intersection of Birch Street and Highway 3, 55 ft. SW. of center line of Highway 3, in root on E. side of 8-in. oak tree; copper nail and washer.....	118. 78
North Pembroke, 1.5 mi. SE. of, 185 ft. NE. of intersection of Spring and Elm Streets, 75 ft. E. of center line of Elm Street, on top of boulder; standard tablet stamped "C 154 1934 95".....	95. 446
Reference mark, 70 ft. N. and 190 ft. E. of tablet, in SW. angle of intersection of Spring and Elm Streets, 30 ft. W. of intersection, 10 ft. SW. of street signpost, in root on W. side of 14-in. pine tree; copper nail and washer.....	85. 58
North Pembroke, 1.5 mi. SE., thence 0.9 mi. N. from, 30 ft. N. and 5 ft. W. of intersection of Oak and Winter Streets, 25 ft. NW. of center line of Oak Street, in root on NW. side of 10-in. oak tree; copper nail and washer.....	106. 60
North Pembroke, 1.5 mi. SE., thence 1.5 mi. NE. from, 35 ft. N. of intersection of Plain and School Streets, 30 ft. NE. of center line of Plain Street, at First Baptist Church (Old Skunk Meeting House), in root on S. side of 30-in. elm tree; copper nail and washer.....	96. 61
North Marshfield, 0.9 mi. SE. of, at junction of Oak, Valley, and Highland Streets, 45 ft. E. and 25 ft. S. of junction, 22 ft. NE. of center line of Valley Street, in trunk on NW. side of 24-in. pine tree; rail spike.....	110. 75

North Marshfield, at intersection of Union and Highland Streets, 20 ft. NE. of N. angle of triangle formed by intersection, 27 ft. E. of center line of Union Street, in root on NE. side of 14-in. oak tree; copper nail and washer.....	<i>Feet</i> 103. 64
Norwell, along State Highway 123 1.2 mi. SE. of, at junction of highway and Bridge Street, 50 ft. S. and 60 ft. E. of junction, 30 ft. S. of center line of Bridge Street, on top of Plymouth County highway bound stone; center of bronze disk.....	54. 31
Norwell, 1.2 mi. SE., thence 1.1 mi. NE. from, at Norwell-Scituate town line, 5 ft. N. and 40 ft. W. of intersection of Main and Cross Streets, 30 ft. NE. of center line of Main Street, in root on E. side of 24-in. elm tree; copper nail and washer.....	26. 38
Greenbush, 0.5 mi. SW. of R. R. sta., 0.2 mi. SW. of intersection of Highways 123 and 3A, on crest, 245 ft. SW. of 2-story white house, 28 ft. N. of center line of Highway 123, 7 ft. N. of stone wall, on ledge; standard tablet stamped "C 156 1934 54".....	54. 124
Reference mark, 20 ft. S. and 235 ft. E. of tablet, 50 ft. S. of 2-story white house, 15 ft. S. of center line of Highway 123, in root on SE. side of 12-in. locust tree; copper nail and washer.....	46. 77
From Halifax station along railroad southeast to Plympton Station (by R. G. Clinite in 1934)	
Halifax R. R. sta., 0.7 mi. SE. of, at bridge 17.67, over Oak Street, on S. side of E. abutment, on SW. corner of second stone step below bridge seat; chiseled square.....	71. 11
Mass. Dept. Public Works T. B. M. designated "No. 235".....	71. 445
Spur line along road southwest from Halifax station (by R. G. Clinite in 1934)	
Monponsett Pond; surface of water April 2, 1934, at 2 p. m.....	53. 1

BARNSTABLE QUADRANGLE

[Latitude 41°32'-41°47'; longitude 70°15'-70°36']

BARNSTABLE COUNTY

From Falmouth quadrangle near Forestdale along roads north to Sandwich
(by E. M. Wheeler in 1934 and 1935)

Forestdale, 0.3 mi. NE. of post office (in store), 4.4 mi. SW. of Sandwich, on W. side of State Highway 130 (Sandwich-Forestdale rd.) 30 ft. W. of its junction with macadam rd. leading E. to South Sandwich and Triangle Lake, opposite junction and in line with center of macadam rd., in concrete post; standard tablet stamped "TT K 2 1932 151".....	<i>Feet</i> 150. 718
Reference mark, 40 ft. N. and 110 ft. E. of tablet, 100 ft. E. of rd. forks, 10 ft. N. of center line of rd., in root on N. side of 14-in. oak tree; copper nail and washer.....	155. 65
Forestdale post office, 1.8 mi. NE. of, in SW. angle of junction of route rd. with rd. S., on top of NE. end of head wall of concrete culvert; chiseled square.....	165. 65
Sandwich, 2.5 mi. S. of R. R. sta., in S. angle of junction of route rd. with rd. SE., 70 ft. S. of junction, 20 ft. E. of center line of rd., on SW. side of 10-in. oak tree; copper nail and washer.....	204. 67

Sandwich, 0.9 mi. S. of town hall, 40 ft. N. and 70 ft. E. of junction of State Highway 130 and Shawme rd. (to W.), on point of hill, 30 ft. E. of wire fence, in top of large sandstone boulder; standard tablet stamped "T T K 3 1932 94"-----	<i>Feet</i> 94. 189
Reference mark, 15 ft. N. and 35 ft. W. of tablet, opposite Shawme rd.; top of center of State highway bound stone-----	88. 19
Mass. Dept. Public Works T. B. M. designated "No. 529"-----	17. 608

From Falmouth quadrangle near Falmouth-Mashpee town line along roads northeast and northwest by way of west side of Mashpee Pond and back into Falmouth quadrangle (by E. M. Wheeler in 1934 and 1935)

Mashpee town office, 3.1 mi. SW. of, 20 ft. SE. of center line of rd., on concrete culvert, at SW. end of top of head wall; chiseled square-----	31. 69
Mashpee town office, 2.4 mi. SW. of, 35 ft. SW. of junction of route rd. with woods rd. SE., 25 ft. SE. of center line of rd., in concrete post; standard tablet stamped "WH 5 38 1935"-----	37. 668
Reference mark, 100 ft. N. of tablet, 40 ft. NE. of rd. forks, 25 ft. NW. of center line of rd., in root on NW. side of 12-in. pine tree; copper nail and washer-----	41. 56
Mashpee town office, 1.1 mi. SW. of, 60 ft. S. of junction of route rd. with rd. SW., 15 ft. E. of center line of rd., in root on W. side of 14-in. pine tree; copper nail and washer-----	76. 78
Mashpee town office, 80 ft. SW. of, in SW. angle of junction of N.-S. and E.-W. rds., 200 ft. W. of junction, 25 ft. S. of center line of rd., in root on N. side of 10-in. elm tree; copper nail and washer-----	62. 56
Mashpee town office, 0.8 mi. along rd. NW. (State Highway 130) of, 350 ft. SE. of rd. to cottages on SW. side of Mashpee Pond, 20 ft. NE. of center line of highway, in concrete post; standard tablet stamped "WH 46 107 1934"-----	106. 580
Reference mark, 160 ft. S. of tablet, 500 ft. SE. of rd. to cottages on SW. side of Mashpee Pond, 20 ft. SW. of center line of Highway 130, in root on S. side of 20-in. mulberry tree; copper nail and washer-----	108. 75

BARRE QUADRANGLE

[Latitude 42°15'-42°30'; longitude 72°-72°15']

HAMPSHIRE AND WORCESTER COUNTIES

From Brookfield quadrangle near Coys Hill along winding roads generally east near south border of quadrangle into Brookfield quadrangle near Moore Brook (by E. M. Wheeler in 1934)

[Line jogs into Brookfield quadrangle]

Warren, 3.0 mi. N. of, 3.3 mi. by rd. SE. of Ware, at Warren-West Brookfield town line; center line of rd.-----	<i>Feet</i> 897
Ware, 3.0 mi. SE. of, 3.4 mi. N. of Warren, 100 ft. NE. of junction of NE.-SW. rd. with T-rd. SE., 90 ft. NW. of center line of rd., on top of ledge flush with ground; standard tablet stamped "WH 42 863 1934"-----	862. 995
Reference mark, 110 ft. S. and 90 ft. W. of tablet, opposite rd. junction, 20 ft. NW. of center line of rd., in root on SE. side of 18-in. maple tree; copper nail and washer-----	869. 72

West Brookfield, 2.5 mi. NW. of, 4.0 mi. NE. of Warren, 5.5 mi. E. of Ware, 0.6 mi. NE. of junction of NW.-SE. rd. with T-rd. NE., 30 ft. NE. of brook culvert; 20 ft. NW. of center line of rd., in root on NW. side of 36-in. ash tree; copper nail and washer-----	<i>Feet</i> 648. 26
North Brookfield, 2.1 mi. SW. of, 2.0 mi. NE. of West Brookfield, 10 ft. NW. of North Brookfield-West Brookfield town line, 10 ft. SW. of center line of rd., in root on NW. side of 24-in. oak tree; wire nail-----	705. 79
North Brookfield, 1.7 mi. SW. of crossroads at, 2.6 mi. NE. of West Brookfield, in SW. angle of intersection of NE.-SW. and NW.-SE. rds., 65 ft. S. of brook culvert, 10 ft. W. of center line of rd., in root on SW. side of 30-in. maple tree; copper nail and washer-----	652. 09
North Brookfield, 1.7 mi. SE. of, 2.5 mi. by rd. NW. of East Brookfield, in NE. angle of junction of route rd. with rd. NE., 30 ft. E. of junction, 25 ft. N. of center line of rd., in root on W. side of 30-in. pine tree; copper nail and washer-----	740. 67

BECKET QUADRANGLE

[Latitude 42°15'-42°36'; longitude 73°-73°15']

BERKSHIRE, HAMPDEN, AND HAMPSHIRE COUNTIES

From Chesterfield quadrangle near Chester-Becket-Blandford town line north along road to Walker Brook and back into Chesterfield quadrangle (by E. M. Wheeler; leveled twice)

Chester, about 2.3 mi. SW. of R. R. sta., about 8 mi. SE. of Becket, at crossing of Chester-Becket town line; center line of rd.-----	<i>Feet</i> 1, 096. 2
Chester, 2.2 mi. SW. of R. R. sta., 0.07 mi. N. of Becket-Chester town line, 8 ft. NW. of NW. corner of bridge over brook, on ledge; chiseled square-----	1, 046. 36
Chester, 1.4 mi. SW. of, at E. abutment of bridge over Walker Brook, on top of SW. end of N. concrete wing wall; chiseled square-----	789. 38

BELCHERTOWN QUADRANGLE

[Latitude 42°15'-42°30'; longitude 72°15'-72°30']

FRANKLIN, HAMPSHIRE, AND WORCESTER COUNTIES

From Northampton quadrangle near Rattlesnake Gutter along roads south near west border of quadrangle into Northampton quadrangle near Bachelor Brook (by R. G. Clinite in 1933)

[Line jogs into Northampton quadrangle]

Leverett, 2.0 mi. N. of, 2.5 mi. by rd. S. of North Leverett, in SE. angle of rd. forks NE. to North Leverett and NW. to Montague, 750 ft. N. of Rattlesnake Gutter, 65 ft. SE. of forks, 6 ft. E. of stone wall, in top of boulder; standard tablet stamped "C 33 1933 441"-----	<i>Feet</i> 440. 723
Reference mark, 17 ft. NE. of tablet, in root on E. side of 12-in. pine tree; rail spike-----	438. 29
Leverett, 0.8 mi. N. of, on W. edge of rd., 0.4 mi. S. of cemetery, in root of 22-in. maple tree; copper nail and washer-----	420. 73
Cushman, 1.3 mi. SE. of, 1.9 mi. N. of East Village (Amherst), 45 ft. NE. of rd. forks marked "Flat Hill" to N. and "Shutesbury" to NE., in root on SE. side of 18-in. maple tree; copper nail and washer-----	307. 54

East Village (Amherst), 0.8 mi. N. of, 200 ft. N. and 30 ft. E. of forks of rd. W., on E. side of rd. opposite private way, in root of 32-in. maple tree; copper nail and washer-----	<i>Feet</i> 267. 88
South Amherst, 2.5 mi. SE. of, 2.6 mi. SW. of Dwight on S. side of rd. opposite forks of rd. NW., in root of E. one of two maple trees; copper nail and washer-----	275. 09
Dwight, 2.4 mi. SW. of, 3.4 mi. SE. of South Amherst, 5.2 mi. NE. of Granby post office; 70 ft. S. of rd. fork, 10 ft. E. of mountain rd., in notch in base of 20-in. maple tree; copper nail and washer-----	265. 08
Granby, 3.8 mi. NE. of post office, 4.7 mi. SE. of South Amherst, at E. end of Mount Holyoke Range, 18 ft. W. of mountain rd., on S. side of notch, on top of ledge; chiseled circle-----	399. 97
Granby, 2.8 mi. NE. of post office, 50 ft. SW. of triangle of rd. forks, 0.3 mi. N. of Bachelor Brook, in root of 26-in. maple tree; copper nail and washer-----	295. 61

From Palmer quadrangle near Broad Brook along road west into Palmer quadrangle (by E. M. Wheeler in 1934)

Rock Rimmon, 1.8 mi. NE. of, 2.5 mi. by most direct rd. SW. of Belchertown, in SW. angle of triangle at junction of Belchertown-Ludlow City rd. with T-rd. E., on top of ledge flush with ground; standard tablet stamped "WH 10 544 1934"-----	544. 035
Reference mark, 20 ft. S. and 110 ft. W. of tablet, about 50 ft. SW. of SW. angle of triangle, 15 ft. NW. of center line of rd., on top of ledge; chiseled square-----	545. 20

BLACKSTONE QUADRANGLE

[Latitude 42°-42°15'; longitude 71°30'-71°45']

MIDDLESEX AND WORCESTER COUNTIES

On Central Turnpike between West Sutton and Northbridge—a jog from Webster quadrangle (by E. L. Haynes in 1934)

Sutton, 1.4 mi. SE. of, 3.3 mi. NE. of West Sutton, 4.8 mi. SW. of Northbridge, 111 ft. N. of center-line intersection of Central Turnpike and Whitin Road, 26 ft. E. of center line of Whitin Road, in root on W. side of triple elm tree; copper nail and washer-----	<i>Feet</i> 732. 18
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In vicinity of Wilkinsonville, on Marble Road—a jog from Webster quadrangle (by E. L. Haynes in 1934)

Wilkinsonville, 1.8 mi. by indirect rd. SW. of, 1.4 mi. NE. of Sutton, 2.9 mi. SE. of Millbury, in NE. angle of junction of Marble and Wilkinsonville Roads, 51 ft. E. of center line of Marble Road, 43 ft. N. of center line of Wilkinsonville Road, in root on W. side of 28-in. maple tree; copper nail washer-----	469. 22
Wilkinsonville, 1.9 mi. by direct rd. SW. of, 2.1 mi. NE. of Sutton, 2.2 mi. SE. of Millbury, near junction of Marble and Dudley Roads, 217 ft. N. of center-line intersection of these rds., 18 ft. E. of center line of Dudley Road, in root on E. side of 31-in. ash tree; copper nail and washer-----	518. 37

BOSTON QUADRANGLE

[Latitude 42°15'-42°30'; longitude 71°-71°36']

ESSEX, MIDDLESEX, NORFOLK, AND SUFFOLK COUNTIES

From Dedham quadrangle northeast along Canton Avenue to Milton, thence southeast along Reedsdale Road and back into Dedham quadrangle (by R. G. Clinite in 1934)

	<i>Feet</i>
Milton, on Canton Avenue, opposite town hall; crest of rd.-----	104. 9
Milton, about 500 ft. NE. of town hall, 30 ft. S. and 40 ft. E. of intersection of Canton Avenue and Reedsdale Road, in root on W. side of 38-in. ash tree; rail spike.-----	82. 92

From Dedham quadrangle near Grove Street northwest and southwest along roads and back into Dedham quadrangle (by E. M. Wheeler in 1934)

Needham, 1.5 mi. along Chestnut Street S., thence 0.3 mi. (air line) SE. from, 0.3 mi. S. of corner of Dedham, Dover, and Westwood townships, 55 ft. E. of Dover-Westwood town line, 25 ft. SE. of center line of Wilsondale Street, on ledge outcrop; standard tablet stamped "C 173 1934"-----	152. 549
Reference mark, 65 ft. W. and 10 ft. N. of tablet, 10 ft. W. of Dover-Westwood town line, 20 ft. SE. of center line of Wilsondale Street, in root on NW. side of 18-in. oak tree; copper nail and washer----	148. 16

BROOKFIELD QUADRANGLE

[Latitude 42°-42°15'; longitude 72°-72°15']

HAMPDEN AND WORCESTER COUNTIES

From Palmer quadrangle along roads north and northwest along southwest side of Mount Pisgah into Palmer quadrangle near West Mountain (by E. M. Wheeler in 1934)

[Line jogs into Palmer quadrangle]

	<i>Feet</i>
Wales, 1.8 mi. by direct rd. SW. of, 120 ft. NE. of junction, at brook, of E.-W. rd. with rd. NE., 40 ft. NW. of center line of rd., on top of boulder; chiseled square-----	1, 003. 52
Wales, 1.5 mi. W. of, in NW. angle of junction of route rd. with rd. W., 25 ft. N. of junction, 10 ft. E. of center line of rd., in root on W. side of 14-in. maple tree; copper nail and washer-----	1, 056. 95
Brimfield, 2.1 mi. by rd. W., thence 1.1 mi. S. from, near N. end of artificial pond at Camp 2147 of C. C. C., Company 135, 120 ft. SW. of bridge over pond outlet, 20 ft. NW. of center line of rd., on top of S. end of small ledge; chiseled square-----	892. 12
Brimfield, 2.6 mi. W. of, 35 ft. W. of junction of Brimfield-Monson rd. (U. S. Highway 20) with T-rd. S., 20 ft. N. of center line of U. S. Highway 20, on concrete culvert, at top of E. end of head wall; chiseled square-----	695. 071

From Massachusetts-Connecticut State line near southwest corner of quadrangle along roads northeast to road forks 0.2 mile north of Wales Pond, thence west 1 mile (by E. M. Wheeler in 1934)

Wales, 3.0 mi. SW. of, 20 ft. NE. of Mass.-Conn. State line, on Massachusetts State Highway 19, 20 ft. NW. of center line of rd., in root on N. side of 24-in. maple tree; copper nail and washer----	855. 21
Wales, 1.7 mi. SW. of, 450 ft. SW. of junction of NE.-SW. rd. with rd. S., 15 ft. SE. of center line of rd., in base on E. side of 12-in. oak tree; rail spike-----	964. 27

Wales, 0.7 mi. SW. of, at outlet at NW. end of Wales Pond, on top and 5 ft. from SE. end of SW. retaining wall of spillway; standard tablet stamped "WH 22 920 1934"-----	<i>Feet</i> 920. 194
Reference mark, 25 ft. S. and 50 ft. W. of tablet, 2 ft. back of easterly highway guard rail, on root on N. side of 24-in. maple tree; copper nail and washer-----	921. 07
Wales, 0.7 mi. SW. of, opposite junction of NE.-SW. rd. with rd. SE., 15 ft. W. of center line of rd., in root on N. side of 10-in. cedar tree; wire nail-----	931. 42

From Palmer quadrangle near West Brimfield along road south to crossroads at southwest end of West Mountain (by E. M. Wheeler in 1934)

West Brimfield, 1.5 mi. SE. of R.R. bridge, 0.4 mi. NW. of junction of NE.-SW. rd. with rd. S., in front of vacant white farmhouse, 10 ft. SW. of center line of rd., on top of boulder; chiseled square-----	662. 61
West Brimfield, 2.2 mi. SE. of R. R. bridge, in N. angle of junction of N.-S. rd. with T-rd. NW., 80 ft. NE. of junction, 25 ft. NW. of center line of rd., on top of boulder; standard tablet stamped "WH 18 895 1934"-----	895. 219
Reference mark, 100 ft. S. and 80 ft. W. of tablet, 50 ft. SW. of rd. junction, 15 ft. NW. of center line of rd., in root on NW. side of 24-in. elm tree; copper nail and washer-----	882. 78
West Brimfield, 3.3 mi. SE. of R. R. bridge, 4.1 mi. by rd. NW. of Brimfield, near crest of hill, 100 ft. NE. of white farmhouse, 15 ft. SE. of center line of rd., in root on N. side of 20-in. maple tree; copper nail and washer-----	976. 19

From Wales Pond along road southeast 2.5 miles, thence north and northwest by way of Holland Pond to Brimfield, thence southwest to crossroads at southwest end of West Mountain (by E. M. Wheeler in 1934)

Wales, 1.8 mi. SE. of, 340 ft. SE. of white farmhouse, 10 ft. NE. of center line of rd., on top of boulder flush with ground; chiseled square-----	989. 56
Wales, 3.1 mi. SE. of, 3.5 mi. SW. of Holland by route taken, in SE. angle of junction of NW.-SE. rd. with rd. E., 60 ft. E. of junction, 10 ft. S. of center line of rd., in base on NW. side of 24-in. apple tree; copper nail and washer-----	956. 38
Holland, 1.9 mi. SW. of, in E. angle of junction of E.-W. rd. with abandoned rd. NE., 20 ft. SE. of junction, 8 ft. NE. of center line of rd., on top of boulder; standard tablet stamped "WH 23 873 1934"-----	872. 753
Reference mark, 20 ft. W. of tablet, opposite rd. junction, 6 ft. SW. of center line of rd., on top of boulder; chiseled square-----	872. 009
Holland, 0.9 mi. SW. of, in NW. angle of junction of N.-S. rd. with T-rd. W., 35 ft. N. of junction, 15 ft. W. of center line of rd., in root on W. side of 24-in. hickory tree; copper nail and washer-----	829. 57
Holland, 20 ft. W. of junction of E.-W. rd. with rd. NE., 20 ft. S. of center line of rd., in root on N. side of 36-in. maple tree; copper nail and washer-----	798. 03
Holland, 1.2 mi. N. of, 140 ft. NW. of junction of N.-S. rd. with rd. E., 60 ft. SW. of center line of rd., on top of boulder; standard tablet stamped "WH 31 664 1934"-----	663. 569

Reference mark, 25 ft. N. of tablet, 170 ft. NW. of rd. junction, 40 ft. SW. of center line of rd., in root on E. side of 9-in. twin pine tree; rail spike.....	<i>Feet</i> 659. 54
Holland, 2.0 mi. by rd. NW. of, 2.6 mi. SE. of Brimfield, at Holland-Brimfield town line; center line of rd.....	640
Brimfield, 2.2 mi. SE. of, in SE. angle of intersection of NW.-SE. and NE.-SW. rds., 30 ft. SE. of intersection, 25 ft. NE. of center line of rd., in root on NW. side of 36-in. pine tree; 60-penny spike.....	643. 30
Brimfield, 1.1 mi. SE. of, 15 ft. SW. of center line of rd., in root on SE. side of 30-in. elm tree; copper nail and washer.....	661. 53
Brimfield, at Hitchcock Free Academy, on top of E. concrete side wall of front steps; standard tablet stamped "WH 32 668 1934".....	668. 127
Reference mark, 120 ft. W. of tablet, in SE. angle of Civil War memorial grass triangle, in root on SW. side of 16-in. elm tree; copper nail and washer.....	663. 95
Brimfield, 1.6 mi. by rd. W. of, 240 ft. W. of junction of E.-W. rd. with rd. SE., 25 ft. S. of center line of rd., on E. end of S. head wall of concrete culvert; chiseled square.....	678. 69

From road forks 1.9 miles southwest of Holland along road southeast to Mashapaug (in Connecticut), thence northeast by way of Leadmine to Fiskdale (by E. M. Wheeler in 1934)

[Line jogs into Connecticut]

Holland, 3.2 mi. by route taken SE. of, 2.0 mi. by rd. NW. of Mashapaug (Conn.), 30 ft. SW. of junction of NE.-SW. rd. with T-rd. SE., 10 ft. NW. of center line of rd., in root on E. side of 24-in. maple tree; copper nail and washer.....	835. 24
Leadmine, 1.9 mi. S. of, 0.6 mi. NE. of Mass.-Conn. State line, 35 ft. SE. of center line of rd., in base on W. side of 18-in. pine tree; rail spike.....	741. 69
Leadmine, 0.8 mi. S. of, 80 ft. N. of junction of N.-S. rd. with rd. W., 8 ft. W. of center line of rd., in root on S. side of 10-in. elm tree; copper nail and washer.....	751. 82
Leadmine, 0.3 mi. N. of, 230 ft. SE. of junction of N.-S. rd. with rd. SW., 20 ft. SW. of center line of rd., on top of boulder; standard tablet stamped "WH 30 898 1934".....	897. 484
Reference mark, 230 ft. N. of tablet, opposite rd. junction, 10 ft. E. of center line of rd., in root on W. side of 36-in. maple tree; copper nail and washer.....	900. 57
Leadmine, 1.4 mi. N. of, 3.2 mi. by route taken SW. of Fiskdale post office, in N. angle of junction of NE.-SW. rd. with rd. W., 60 ft. N. of junction, 15 ft. E. of center line of rd., in root on NE. side of 18-in. oak tree; copper nail and washer.....	1, 008. 39
Fiskdale post office, 1.9 mi. by route taken SW. of, about 500 ft. NE. of white farmhouse, 20 ft. NW. of center line of rd., on top of boulder; standard tablet stamped "WH 33 862 1934".....	861. 793
Reference mark, 20 ft. S. and 20 ft. W. of tablet, 15 ft. NW. of center line of rd., on top of boulder; chiseled square.....	859. 06
Fiskdale post office, 0.4 mi. W., thence 0.4 mi. S. from, on NE. abutment of bridge across Quinebaug River, on top of E. stone of bridge seat; chiseled square.....	625. 95
Mass. Dept. Public Works T. B. M. designated "No. 497".....	582. 722

From road forks 1.0 mile northeast of Baker Pond along road south to road forks at east side of Long Pond, thence west and southwest by way of Little Alum Pond to Brimfield (by E. M. Wheeler in 1934)

	<i>Feet</i>
Mass. Dept. Public Works T. B. M. designated "319"-----	747. 683
Fiskdale post office, 3.9 mi. by rd. N. of, 3.9 mi. SW. of Brookfield, at Brookfield-Sturbridge town line; center line of rd.-----	700
Fiskdale post office, 3.3 mi. N. of, 75 ft. S. of junction of Brookfield-Fiskdale rd. with T-rd. E., 15 ft. W. of center line of rd., in root on SE. side of 24-in. oak tree; copper nail and washer-----	725. 18
Fiskdale post office, 2.2 mi. along Brookfield-Fiskdale rd. N. of, 230 ft. S. of white house on E. side of rd., 20 ft. W. of center line of rd., in root on NE. side of 30-in. maple tree; copper nail and washer--	670. 20
Long Pond, 210 ft. W. of bridge over, 2.0 mi. along Fiskdale-Brimfield rd. NW. of Fiskdale, 15 ft. N. of center line of rd., in root on S. side of 18-in. oak tree; copper nail and washer-----	641. 41
Long Pond bridge, 1.3 mi. W. of, 3.7 mi. by route taken E. of Brimfield, 125 ft. NE. of junction of N.-S. rd. with rd. E. to Fiskdale, 25 ft. SE. of center line of N.-S. rd., on ledge; standard tablet stamped "WH 34 784 1934"-----	784. 286
Reference mark, 55 ft. S. and 75 ft. W. of tablet, opposite rd. junction, in root on SE. side of 30-in. pine tree; rail spike-----	784. 64
Long Pond bridge, 2.4 mi. by route taken NW. of, 2.6 mi. E. of Brimfield, on NW. side of Little Alum Pond, 190 ft. W. of cellar hole, in W. angle of junction of abandoned rd. W. with rd. SW. to cottages, in base on E. side of 8-in. pine tree; rail spike-----	834. 24
Brimfield, 1.3 mi. NE. of, 15 ft. SW. of junction of NE.-SW. rd. with abandoned rd. SE., 10 ft. NW. of center line of NE.-SW. rd., in root on W. side of 24-in. oak tree; copper nail and washer-----	859. 24
Brimfield, 0.2 mi. NE. of junction of Brimfield-Fiskdale-Brookfield rd. with Brimfield-Warren rd. (to N.), in root on W. side of 26-in. elm tree; wire nail-----	657. 321

From Southbridge along roads southwest into Connecticut near Hatchet Pond (by E. M. Wheeler in 1934)

Mass. Dept. Public Works T. B. M. designated "No. 494"-----	491. 482
Southbridge, at E. corner of Main Street bridge over Quinebaug River, at top of third course down in wing wall; standard tablet stamped "WH 28 494 1934"-----	494. 245
Reference mark, 100 ft. S. and 40 ft. E. of tablet, in W. angle of junction of Main and West Streets, at electric-railway entrance to power plant of Hamilton Woolen Co., on top of concrete foundation of gatepost; chiseled square-----	498. 07
Southbridge, 1.0 mi. SW. of Main Street bridge over Quinebaug River, 300 ft. NE. of junction of NE.-SW. rd. with abandoned rd. SE., 40 ft. NW. of center line of rd., on top of boulder; chiseled square----	727. 49
Southbridge, 1.5 mi. SW. of Main Street bridge, opposite junction of NE.-SW. rd. with rd. S., in root on SW. side of 26-in. oak tree; wire nail-----	692. 025
Southbridge, 2.2 mi. by route taken SW. of, in SE. angle of junction of NE.-SW. rd. (from Westville) with T-rd. SE., 50 ft. SE. of junction, 20 ft. SW. of center line of T-rd., on top of boulder; chiseled square-----	682. 86

Southbridge, 3.7 mi. by route taken SW. of, 100 ft. NE. of junction of NE.-SW. rd. with T-rd. E., 30 ft. SE. of center line of NE.-SW. rd., on ledge; standard tablet stamped "WH 25 742 1934"-----	<i>Feet</i> 742. 098
Reference mark, 15 ft. S. and 90 ft. W. of tablet, in triangle at rd. junction, in root on S. side of 24-in. maple tree; copper nail and washer-----	743. 30
Southbridge, 5.1 mi. by route taken SW. of, 5.5 mi. N. of North Ashford (Conn.), 120 ft. N. of Mass.-Conn. State line, at W. edge of traveled way, on ledge flush with ground; chiseled square-----	953. 84
Near Massachusetts-Connecticut State line northeast of Mashapaug Pond (in Connecticut)—a jog from Connecticut (by E. M. Wheeler in 1934)	
Mashapaug (Conn.), 1.2 mi. by rd. NE. of, 130 ft. NW. of Mass.-Conn. State line, 475 ft. SE. of junction of NE.-SW. rd. with T-rd. SE., 8 ft. SW. of center line of T-rd., in root on W. side of 24-in. pine tree; copper nail and washer-----	756. 42
Mashapaug (Conn.), 0.9 mi. NE. of, near NE. end of Mashapaug Pond, at Mass.-Conn. State line, opposite State boundary stone; center line of rd.-----	711
From Southbridge southeast along State Highway 131 into Webster quadrangle (by E. M. Wheeler in 1934)	
Mass. Dept. Public Works B. M. designated "AC 24"-----	518. 601
Southbridge, in SW. angle of junction of Main and Chestnut Streets, at concrete culvert over Cohasse Brook, on top and at NW. end of SW. head wall; chiseled square-----	433. 45
Sandersdale, 1.7 mi. SE. of town hall at Southbridge, in NW. angle of junction of State Highway 131 with rd. NE., 100 ft. NW. of junction and 20 ft. NE. of center line of highway, in root on SE. side of 40-in. elm tree; copper nail and washer-----	418. 14
From Webster quadrangle near Massachusetts-Connecticut State line along roads northwest to point near Lebanon Brook, thence south into Connecticut (by E. M. Wheeler in 1934)	
Southbridge, 3.6 mi. by direct rd. SE. of town hall, 3.2 mi. NW. of North Woodstock (Conn.), 80 ft. E. of intersection of N.-S. rd. with State Highway 93 (NW.-SE.), 7 ft. S. of center line of rd., on top of boulder; chiseled square-----	549. 93
Southbridge, 2.3 mi. by direct rd. S. of town hall, 360 ft. E. of junction of rd. from Southbridge with rd. E., 20 ft. N. of center line of rd., on top of boulder; standard tablet stamped "WH 26 716 1934"-----	715. 631
Reference mark, 25 ft. S. and 20 ft. W. of tablet, 7 ft. S. of center line of rd., in root on NE. side of 12-in. elm tree; copper nail and washer-----	716. 83
Southbridge, 3.6 mi. S. of town hall, at Mass.-Conn. State line, 10 ft. E. of center line of rd., opposite State boundary stone, on root on W. side of 30-in. pine tree; copper nail and washer-----	809. 24
From Massachusetts-Connecticut State line north along road east of Hatchet Hill to point south of Southbridge (by E. M. Wheeler in 1934)	
Southbridge, 4.1 mi. by direct rd. SW. of town hall, 5.9 mi. NE. of North Ashford (Conn.), 60 ft. N. of Mass.-Conn. State line, 10 ft. E. of center line of rd., in root on E. side of 18-in. pine tree; wire nail-----	804. 70

Southbridge, 3.4 mi. SW. of town hall, 0.7 mi. NE. of Mass.-Conn. State line, 10 ft. NW. of center line of rd., in root on SE. side of 18-in. pine tree; copper nail and washer-----	<i>Feet</i> 797. 21
Southbridge, 2.3 mi. SW. of town hall, 100 ft. N. of junction of NE.-SW. rd. (from Southbridge) with rd. N. to Westville, at culvert over brook, on S. corner of W. concrete head wall; chiseled square-----	670. 45
From Sturbridge along roads northeast and north by way of east side of Walker Pond to East Brookfield (by E. M. Wheeler in 1934)	
Mass. Dept. Public Works B. M. designated "Z 24"-----	611. 192
Sturbridge, at Joshua Hyde Library, 40 ft. S. of S. corner of building, 75 ft. NE. of center line of Main Street, on top of SW. end of ledge; standard tablet stamped "WH 29 611 1934"-----	610. 815
Sturbridge, 1.1 mi. NE. of, along rd. E. of Hobbs Pond, opposite junction of route rd. with rd. W., 50 ft. SE. of center line of rd., in root on SW. side of 40-in. pine tree; copper nail and washer-----	618. 88
Sturbridge, 2.0 mi. NE. of, in SE. angle of intersection of route rd. with rd. SW., 75 ft. SW. of intersection, 50 ft. SE. of center line of rd., in root on SW. side of 36-in. ash tree; copper nail and washer-----	724. 87
Sturbridge, 3.4 mi. NE. of, near N. end of Walker Pond, in NE. angle of triangle at junction of route rd. with T-rd. W., on top of boulder; standard tablet stamped "WH 35 594 1934"-----	594. 040
Reference mark, 40 ft. N. and 70 ft. W. of tablet, near W. angle of triangle at rd. junction, 15 ft. N. of center line of rd., in S. side of base of 10-in. twin oak tree; copper nail and washer-----	589. 28
Sturbridge, 4.9 mi. by route taken NE. of, 4.9 mi. S. of East Brookfield, 0.1 mi. SE. of junction of route rd. with rd. SW., 10 ft. SW. of center line of rd., in root on NE. side of 24-in. pine tree; copper nail and washer-----	711. 72
East Brookfield, 3.9 mi. S. of, 130 ft. S. of junction of NW.-SE. rd. with rd. E., 10 ft. E. of center line of rd. in root on NE. side of 16-in. oak tree; copper nail and washer-----	641. 76
East Brookfield, 3.4 mi. S. of, 90 ft. NE. of junction of NE.-SW. rd. with rd. NW., 80 ft. SE. of center line of rd., on top of boulder; standard tablet stamped "WH 36 742 1934"-----	741. 612
Reference mark, 30 ft. N. and 90 ft. W. of tablet, 70 ft. NE. of rd. junction, in root on S. side of 24-in. pine tree; copper nail and washer-----	737. 82
East Brookfield, 2.4 mi. S. of, 0.3 mi. SW. of junction of route rd. with E.-W. rd., opposite house on Quaboag Heights Farm, 15 ft. NW. of center line of rd., in root on NW. side of 30-in. maple tree; copper nail and washer-----	728. 85
East Brookfield, 1.1 mi. S. of R. R. bridge, on W. side of Teneriffe Hill, 110 ft. SW. of white house on SE. side of rd., 10 ft. NW. of center line of rd., in root on W. side of 30-in. maple tree; copper nail and washer-----	715. 99
Mass. Dept. Public Works B. M. designated "H 24"-----	624. 040

From Warren along roads southeast and south by way of Indian Hill and Great Pond to Brimfield (by E. M. Wheeler in 1934)

	<i>Feet</i>
Mass. Dept. Public Works B. M. designated "M 24"	608. 947
Warren, 200 ft. W. of R. R. sta., at B. & A. R. R. bridge 72.66 over State Highway 19, on top of N. corner of W. abutment; standard tablet stamped "WH 38 605 1934"	604. 809
Reference mark, 170 ft. S. and 150 ft. E. of tablet, in SW. angle of junction of route rd. with rd. SW., in root on NE. side of 36-in. elm tree; copper nail and washer	611. 23
Warren, 1.0 mi. by route taken SE. of R. R. sta., 0.4 mi. SE. of junction of route rd. with rd. S., 30 ft. SW. of center line of rd., on top of boulder; chiseled square	821. 12
Warren, 2.3 mi. by route taken SE. of R. R. sta., 0.3 mi. S. of junction of N.-S. rd. with rd. E., 15 ft. W. of center line of rd., in root on E. side of 24-in. oak tree; copper nail and washer	972. 05
Warren, 2.7 mi. by direct rd. S. of, 4.1 mi. N. of Brimfield, in SE. angle of junction of route rd. with NE.-SW. rd., 75 ft. E. of junction, 40 ft. S. of center line of rd., on top of boulder; standard tablet stamped "WH 37 804 1934"	803. 903
Reference mark, 50 ft. N. and 25 ft. E. of tablet, 75 ft. E. of rd. junction, 15 ft. N. of center line of rd., in root on SW. side of 10-in. oak tree; copper nail and washer	797. 74
Brimfield, 2.7 mi. N. of, 225 ft. N. of farmhouse on E. side of rd., 10 ft. W. of center line of rd., on top of ledge; chiseled square	960. 24
Brimfield, 1.6 mi. N. of, at Warren-Brimfield town line; center line of rd.	919
Brimfield, 2.5 mi. N. of, 30 ft. E. of junction of route rd. with rd. E., 10 ft. S. of center line of rd., in root on NE. side of 24-in. maple tree; copper nail and washer	684. 32

From West Brimfield along roads northeast and southeast to East Brimfield
(by E. M. Wheeler in 1934)

[Line jogs into Barre quadrangle]

Mass. Dept. Public Works B. M. designated "L 24"	607. 427
West Brookfield, in W. angle of triangle at W. end of common, in concrete base of flagpole; standard tablet stamped "WH 39 629 1934" ..	628. 886
Reference mark, 80 ft. N. and 220 ft. E. of tablet, in W. angle of common, in base on N. side of 24-in. elm tree; rail spike	630. 42
West Brookfield, in N. angle of common, at intersection of NE.-SW. and NW.-SE. rds., in root on NW. side of 20-in. elm tree; wire nail ..	634. 23
West Brookfield, 1.3 mi. NE. of common, 30 ft. SW. of junction of NE.-SW. rd. with rd. N., 30 ft. SE. of center line of rd. N., on top of boulder; chiseled square	629. 58
North Brookfield, 1.7 mi. by direct rd. S. of, 3.0 mi. by direct rd. NE. of West Brookfield, 3.6 mi. by route rd. W. of East Brookfield, in NE. angle of intersection of E.-W. rd. with rd. NE., 25 ft. N. of center line of E.-W. rd., on top of boulder; standard tablet stamped "WH 40 829 1934"	829. 102
Reference mark, 120 ft. W. of tablet, 60 ft. E. of crossroads, 10 ft. N. of center line of rd., in root on NW. side of 12-in. maple tree; copper nail and washer	827. 26

East Brookfield, 1.2 mi. by rd. N. of, 2.8 mi. SE. of North Brookfield, opposite junction of NE.-SW. rd. with T-rd. S., 20 ft. N. of center line of rd., in root on S. side of 30-in. elm tree; copper nail and washer-----	<i>Feet</i> 648. 72
East Brookfield, 0.9 mi. by rd. N. of, at East Brookfield-North Brookfield town line; center line of rd.-----	641
East Brookfield, at highway bridge over outlet of Furnace Pond, on top of S. corner of W. abutment; standard tablet stamped "WH 41 620 1934"-----	619. 851
Reference mark, 265 ft. E. of tablet, on top of N. concrete head wall of culvert emptying into Furnace Pond; chiseled square-----	616. 91

From Warren along roads north, northeast, and southeast by way of north side of Wickaboag Pond to West Brookfield (by E. M. Wheeler in 1934)

[Line jogs into Barre quadrangle]

Warren, 1.1 mi. N. of R. R. sta., opposite junction of NE.-SW. rd. with T-rd. NW., 25 ft. SE. of center line of rd., in root on W. side of 16-in. elm tree; copper nail and washer-----	658. 29
Warren, 2.3 mi. N. of, opposite junction of N.-S. rd. with woods rd. SE., 7 ft. W. of center line of rd., on top of boulder flush with ground; chiseled square-----	824. 34
West Brookfield, 2.2 mi. by direct rd. NW. of, 3.5 mi. by direct rd. NE. of Warren, opposite junction of NW.-SE. rd. with rd. E., 85 ft. SW. of center line of rd., on top of large boulder; chiseled square--	673. 40
West Brookfield, 1.8 mi. NW. of, in E. angle of junction of NW.-SE. rd. with rd. N., opposite junction, 35 ft. NE. of center line of rd., in root on W. side of 10-in. elm tree; copper nail and washer-----	673. 46

CHESTERFIELD QUADRANGLE

[Latitude 42°15'-42°30'; longitude 72°45'-73°]

BERKSHIRE, FRANKLIN, HAMPDEN, AND HAMPSHIRE COUNTIES

From Northampton quadrangle near Poland School along roads south by way of Searsville and back into Northampton quadrangle at point south of Turkey Hill (by R. G. Clinite in 1933)

Poland School, 0.5 mi. SW. of, 220 ft. NE. of triangle at rd. forks, 65 ft. N. of brook, 25 ft. SE. of Williamsburg rd., in ledge; standard tablet stamped "C 46 1933 971"-----	<i>Feet</i> 970. 736
Reference mark, 215 ft. SW. of tablet, 20 ft. N. of triangle at rd. forks, on S. bank of brook, in root of 12-in. oak tree; copper nail and washer-----	980. 76
Poland School, 1.3 mi. SW. of, in triangle at rd. forks, on top of large boulder; chiseled circle-----	1, 214. 00
Poland School, 2.2 mi. SW. of, at junction of Williamsburg and Ashfield rds., in center of triangle, in root on W. side of 18-in. oak tree; copper nail and washer-----	1, 065. 85
Westhampton, 1.7 mi. NE. of, 45 ft. S. of triangle at rd. forks and in SE. angle (rd. sign marked "Chesterfield 7 Northampton 7"), 80 ft. SE. of farmhouse, in root of E. one of two large maple trees; copper nail and washer-----	540. 24

Westhampton, 0.7 mi. NE. of, 285 ft. W. and 45 ft. N. of crossroads, on SE. side of North Brook, 180 ft. upstream from bridge and about 15 ft. above water line, in top of large embedded boulder; standard tablet stamped "C 51 1933 521"-----	<i>Feet</i> 521. 172
Reference mark, 300 ft. SE. of tablet, 140 ft. S. of crossroads, in root on W. side of 12-in. maple tree; copper nail and washer -----	545. 01

From Granville quadrangle near Round Top along road northwest into Becket quadrangle (by E. M. Wheeler in 1934, under supervision of R. G. Clinite)

Chester, 3.2 mi. by rd. SW. of R. R. sta., 0.1 mi. along rd., NW. of Blandford-Chester town line, in N. angle of junction with rd. E., 140 ft. E. of junction, 10 ft. N. of center line of rd. E., on ledge flush with ground; standard tablet stamped "WH 1 1285 1934"-----	1, 285. 239
Reference mark, 55 ft. N. and 170 ft. W. of tablet, 75 ft. NW. of junction with rd. E., 30 ft. E. of center line of rd., in root on SW. side of 36-in. oak tree; copper nail and washer -----	1, 268. 64

CHICOPEE QUADRANGLE

[Latitude 42°7'30"-42°15'; longitude 72°30'-72°37'30"]

HAMPSHIRE AND HAMPDEN COUNTIES

From Palmer quadrangle near Indian Orchard north and northwest along roads to Holyoke (by R. G. Clinite in 1933)

Indian Orchard, 1.4 mi. N. of, in SW. angle of intersection of Holyoke and West Streets, 85 ft. NE. of District 3 schoolhouse, in root on E. side of 18-in. maple tree; copper nail and washer -----	<i>Feet</i> 236. 28
Indian Orchard, 2.0 mi. N. of, 0.5 mi. N. of schoolhouse, 20 ft. S. and 20 ft. W. of junction of Indian Orchard-Ludlow City macadam rd. and dirt rd. NW., in root on S. side of 10-in. oak tree; copper nail and washer -----	269. 04
Indian Orchard, 2.6 mi. by rd. NW. of, 50 ft. S. and 50 ft. W. of rd. forks, in root of 12-in. oak tree; copper nail and washer -----	225. 13
Ludlow-Chicopee town line, at crossing of rd., 25 ft. NE. of center line of rd., in root of 11-in. pine tree 3 ft. N. of stone bound; copper nail and washer -----	242. 93
Chicopee Falls, 3.9 mi. along State rd. NE. of, 40 ft. N. of center line of Prospect Street, 20 ft. W. of State rd., 8 ft. SW. of catch basin, 9 ft. NE. of telephone pole, in top of concrete post; standard tablet stamped "C 2 1933 242"-----	241. 614
Reference mark, 55 ft. W. of tablet, 35 ft. N. of Prospect Street, in root of 36-in. oak tree; wire nail -----	243. 11
South Hadley Falls, 2.8 mi. SE. of, 420 ft. NW. of intersection of Prospect Street and Slobbery Pond rd., at S. post marked "D 4", of power-line tower, 1.9 ft. above ground; threaded end of lower brace bolt -----	248. 29

From road forks 2 miles north of Indian Orchard north, west, and south along winding roads by way of Ludlow City and Granby to South Hadley Falls (by R. G. Clinite in 1933)

[Line jogs into Palmer and Northampton quadrangles]

Indian Orchard, 3.2 mi. N. of, on W. side of West Street, 40 ft. S. and 10 ft. W. of forks of private rd., 35 ft. SE. of cellar hole, in root on NE. side of 12-in. maple tree; copper nail and washer -----	257. 86
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Ludlow City, 1.3 mi. N. of, on NE. side of curve in rd., 50 ft. NW. of private lane, on stone-fence line, in root on W. side of 18-in. white-oak tree; copper nail and washer-----	<i>Feet</i> 299. 12
Five Points, Granby, 165 ft. SW. of crossroads, 32 ft. S. of State Highway 139, 3 ft. NE. of pole fence, on property of Mrs. M. L. D. Ingham, in top of concrete post set flush with ground; standard tablet stamped "C 4 1933 236"-----	236. 436
Reference mark, 40 ft. N. and 200 ft. E. of tablet, on SW. end of concrete coping of drain; chiseled square-----	233. 66
South Hadley Center, about 1 mi. SW. of, 2.5 mi. N. of South Hadley Falls, 150 ft. N. and 25 ft. W. of junction of State Highway 116 and Mosher Street, at SW. corner of concrete bridge over Stony Brook, at base of pilaster on SW. end of coping; chiseled square-----	123. 37
South Hadley Falls, 1.6 mi. N. of, 20 ft. N. and 55 ft. E. of intersection of Lathrop and Brainerd Streets, 1 ft. S. of fence, in top of 9- by 9- by 38-in. stone post set flush with ground; standard tablet stamped "C 5 1933 169"-----	168. 985
Reference mark, 25 ft. W. of tablet, in root on E. side of 38-in. oak tree; copper nail and washer-----	169. 06
South Hadley Falls, in N. part of town, 25 ft. E. of junction of Lathrop and Bardwell Streets, in root on SE. side of 18-in. maple tree; copper nail and washer-----	164. 36

From Chicopee along road west into Mount Tom quadrangle (by R. G. Clinite in 1933)

Chicopee, 1.1 mi. W. of post office, 130 ft. E. of junction of Wayside and Ashley Avenues, on W. abutment of highway bridge over Connecticut River, on top of S. end of stone back wall; chiseled square--	69. 57
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From Long Meadow quadrangle at Springfield along Boston road northeast into Palmer quadrangle (by R. G. Clinite in 1933)

Springfield, in angle formed by junction of Boston rd. and Berkshire Avenue, 125 ft. E. of junction, directly opposite entrance of St. Michael's Cemetery, on N. side of Boston rd., 1.5 ft. E. of W. end of concrete sidewalk and in line with N. edge of walk, on top of stone bound; center of hole-----	209. 67
Springfield, at SE. angle of junction of Boston rd. and Breckwood Boulevard, at W. entrance of Church of Our Lady of the Sacred Heart, on W. end of bottom step; chiseled square-----	221. 19

At Holyoke (by E. M. Wheeler in 1933)

Holyoke, 0.3 mi. N. of city hall, at SE. corner of Beech and Dwight Streets, 25 ft. S. of center line of Beech Street, on curb in front of fire-alarm box 432; chiseled square-----	151. 39
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DEDHAM QUADRANGLE

[Latitude 42°-42°15'; longitude 71°-71°15']

BRISTOL, NORFOLK, AND PLYMOUTH COUNTIES

From Mansfield east along State Highway 106 by way of Easton and West Bridgewater into Abington quadrangle near Westdale station (by R. G. Clinite in 1934)

	<i>Feet</i>
U. S. C. & G. S. B. M. designated "Q 1923"-----	151. 358
U. S. C. & G. S. B. M. designated "K 1923"-----	166. 401
Mansfield, 1.3 mi. E. of R. R. sta., 100 ft. W. and 35 ft. N. of junction of State Highway 106 and East Street, in root on SW. side of triple white-oak tree; copper nail and washer-----	140. 19
East Mansfield, in S. angle of junction of State Highway 106 and Mill Street, at NW. corner of triangular common, on top of concrete curb with iron rail; chiseled square-----	139. 07
East Mansfield, 1.2 mi. along State Highway 106 SE. of, 25 ft. N. of center line of highway, 25 ft. W. of stone bound marking Mansfield-Easton town line, in W. corner of large boulder, in line with stone fence; standard tablet stamped "C 122 139 1934"-----	138. 676
Reference mark, 5 ft. SE. of tablet, in same boulder; high point in chiseled circle-----	137. 23
Easton post office, 1.1 mi. SW. of, in NE. angle of junction of State Highway 106 and Walnut Avenue, at S. corner of W. end of concrete coping of pipe culvert; chiseled square-----	149. 63
Easton post office, 0.8 mi. SW. of, in SW. angle of junction of State Highways 106 and 123, at base of stone wall, on top of large boulder extending under wall; chiseled square-----	180. 40
New Pond; surface of water Jan. 9, 1934-----	135. 9
Old Pond; surface of water Jan. 9, 1934-----	115. 0
Easton post office, in front of, on S. side of State Highway 106, opposite rd. N., at office of Belcher Malleable Iron Co.; NE. corner of bottom concrete step-----	112. 05
Easton post office, 0.5 mi. E. of, at junction of State Highways 106 and 123, 105 ft. S. of center of crossroads, on SE. side of rd., opposite Lindsey's store, in root on S. side of 34-in. elm tree; copper nail and washer-----	126. 364
Easton post office, 1.7 mi. SE. of, 25 ft. S. of State Highway 106, 50 ft. W. of woods rd., 30 ft. N. of cellar hole, at crest of grade, in root on N. side of 28-in. black-oak tree; copper nail and washer-----	106. 83
Mass. Dept. Public Works T. B. M. designated "No. 261"-----	80. 827
Easton post office, 2.4 mi. SE. of, at concrete bridge over Black Brook, 240 ft. W. of intersection of State Highway 106 and N. Y., N. H. & H. R. R., 35 ft. S. of center line of highway, in E. end of concrete coping over old masonry of box culvert; standard tablet stamped "C 123 77 1934"-----	76. 588
Easton post office, 3.6 mi. E. of, 60 ft. E. and 30 ft. N. of junction of Highways 106 and 138, in root on N. side of 38-in. elm tree; copper nail and washer-----	82. 31
Easton-West Bridgewater town line, at crossing of highway; center line of highway-----	77. 9
Cochesett, 0.5 mi. SW. of, 90 ft. W. and 25 ft. N. of junction of State Highway 106 and Pleasant Street, on E. side of private way to house in root of 34-in. elm tree; copper nail and washer-----	105. 08

Cochesett post office, 0.5 mi. E. of, on S. side of State Highway 106, 45 ft. SE. of junction of Prospect Street, 120 ft. E. of stone bridge over West Meadow Brook, in root of 36-in. pine tree; 60-penny spike-----	Feet 68. 99
West Bridgewater, at Elm Square, on N. side of small oval common, on top of curb; chiseled square-----	66. 80
West Bridgewater, 0.7 mi. W. of sta., at girder bridge 2.33, on North Elm Street over N. Y., N. H. & H. R. R. (Matfield-Easton branch), at E. end of N. masonry abutment, in fifth step below bridge floor; standard tablet stamped "C 124 83 1934"-----	82. 827
Mass. Dept. Public Works B. M. designated "K 20"-----	69. 891
West Bridgewater, at S. angle of junction of Highways 28 and 106, at commons, on E. side of octagonal stone wall around monument, on SE. corner of bottom stone step; chiseled square-----	64. 67

From Easton along roads north and west to East Foxboro (by R. G. Clinite in 1934)

Easton post office, 0.5 mi. E., thence 1.6 mi. NW. from, 20 ft. E. and 30 ft. N. of forks of T-rd. E., in root on NW. side of 30-in. oak tree; copper nail and washer-----	156. 88
Easton post office, 0.5 mi. E., thence 2.1 mi. NW. from, on E. side of Bay Rd., 120 ft. N. of forks of T-rd. W., in base on W. side of 18-in. maple tree; wire nail-----	181. 184
Poquanticut School (at NE. angle of rd. forks), in front of, on S. end of concrete block; chiseled square-----	205. 22
Poquanticut School, 1.0 mi. W. of, about 1.1 mi. S. of W. end of Leach Pond, 35 ft. W. and 60 ft. S. of center of crossroads, in wood lot, in top of large boulder; standard tablet stamped "C 125 204 1934"-----	204. 456
Reference mark, 115 ft. NE. of tablet, 55 ft. E. and 25 ft. N. of crossroads, in root on SW. side of 14-in. black-oak tree; copper nail and washer-----	204. 46
Easton-Mansfield town line, at crossing of rd.; center line of rd.-----	220. 2
East Foxboro, 2.4 mi. SE. of, in NW. angle of crossroads, in root on NE. side of 14-in. oak tree; copper nail and washer-----	178. 30
Mansfield-Sharon town line, at crossing of rd.; center line of rd.-----	201. 4
East Foxboro, 1.0 mi. E. of, 0.6 mi. N. of Mansfield-Sharon town line, on N. side of Willow Street, 75 ft. W. of grass triangle at rd. forks, in root of 36-in. white-oak tree; copper nail and washer-----	218. 36
Foxboro-Sharon town line, at crossing of rd.; center line of rd.-----	214. 2
U. S. C. & G. S. B. M. designated "M 1923"-----	224. 071

From road forks 2.0 miles northwest of Easton along roads north to West Stoughton (by R. G. Clinite in 1934)

North Easton, 1.6 mi. W. of, 60 ft. W. of Bay Street, in W. angle of junction of Allen Rd. and private rd. NW. marked "Borderland", 3 ft. NW. of rd. sign, on top of boulder; chiseled square-----	241. 02
North Easton, 1.6 mi. W. of, thence 0.7 mi. NW., 65 ft. N. and 50 ft. E. of stone bound marking line between Sharon and Easton townships, 80 ft. NE. of rd. forks, 50 ft. E. of Bay Rd., 90 ft. NW. of 2-story shingled house, in top of rock ledge; standard tablet stamped "C 126 245 1934"-----	245. 000

Reference mark, 90 ft. NW. of tablet, at W. side of Bay Rd., at N. side of private way, on top of boulder; high point in chiseled circle--	<i>Feet</i> 247. 32
Dry Pond Cemetery, 1.0 mi. S. of, 25 ft. W. of Bay Rd., 220 ft. W. of part-shingle and part-stone house, in root on W. side of 18-in. oak tree; copper nail and washer-----	260. 07
Dry Pond Cemetery, 45 ft. N. of NW. corner of, in grass triangle at junction of Bay Road and Plain Street, in root on N. side of 27-in. elm tree; rail spike-----	224. 46
West Stoughton post office, 1.5 mi. SW. of, 110 ft. S. and 60 ft. W. of junction of West and School Streets, on S. side of private way to farmhouse, on summit of small pine knoll, in top at E. side of granite ledge; standard tablet stamped "C 121 203 1934"-----	202. 904
Reference mark, 130 ft. S. and 90 ft. E. of tablet, at NW. corner of wire fence on E. side of West Street; center of top of stone bound--	188. 21
West Stoughton post office, 0.7 mi. SW. of, at W. point of triangle at junction of West and Chemung Streets, in root on NW. side of 40-in. pine tree; head of bridge spike-----	176. 09
West Stoughton post office, in front of; center line of rd-----	190. 6
Mass. Dept. Public Works T. B. M. designated "No. 263"-----	197. 836

From junction of West and Chemung Streets, 0.8 mile southwest of West Stoughton along roads west to Sharon (by R. G. Clinite in 1934)

Sharon, 1.8 mi. E. of post office, 160 ft. W. and 25 ft. N. of junction of Bay and East Streets, in root on SE. side of 38-in. black-oak tree; copper nail and washer-----	230. 51
Sharon, 0.7 mi. E. of post office, on N. side of improved rd., in line with SE. shore of pond at dam, in root of 34-in. black-oak tree; copper nail and washer-----	215. 78
Sharon, 220 ft. NE. of intersection of Depot and North Main Streets, at entrance to Sharon Public Library, on S. end of bottom step; chiseled square-----	304. 82
U. S. C. & G. S. B. M. designated "O 1923"-----	191. 345

From Mansfield along roads northwest by way of Foxboro to South Walpole (by R. G. Clinite in 1934)

[Line jogs into Franklin quadrangle]

Mansfield, 1.0 mi. W. of town hall, 20 ft. E. and 25 ft. S. of intersection of West and Walnut Streets, in root on N. side of 14-in. oak tree; copper nail and washer-----	180. 18
Mansfield, 1.0 mi. W., thence 0.6 mi. NW. from, 30 ft. S. and 40 ft. W. of junction of High and Green Streets, 4 ft. N. of stone fence; presumably on Mansfield-Foxboro town line, on top of boulder; chiseled square-----	224. 91
Foxboro, 1.6 mi. S. of post office, 45 ft. N. and 40 ft. W. of intersection of High and Walnut Streets, in root on SW. side of double elm tree; copper nail and washer-----	270. 92
Foxboro, 140 ft. SE. of post office, 160 ft. SW. of SE. corner of commons, at Foxboro Cooperative Bank, in top of S. concrete end block of entrance steps, at floor level; standard tablet stamped "C 130 300 1934"-----	300. 009
Reference mark, 450 ft. N. and 50 ft. E. of tablet, at entrance to Foxboro National Bank, on NW. corner of doorstep; chiseled square--	297. 04

From Eastondale along roads north and northeast by way of Brockton Reservoir to Avon, including spur to South Stoughton (by R. G. Clinite in 1934)

Eastondale, 630 ft. S. of post office, at SW. wing wall of N. Y., N. H. & H. R. R. girder bridge 5.21, over Turnpike Street, on second masonry step below back wall; standard tablet stamped "C 127 105 1934"-----	<i>Feet</i> 105. 267
Mass. Dept. Public Works B. M. designated "J 20"-----	105. 678
West Bridgewater-Easton town line, at crossing of rd.; center line of rd.-----	97. 9
Eastondale post office, 1.1 mi. N. of, 75 ft. W. of Turnpike Street, in line with lane E., at sewage-disposal plot, on SE. corner of bottom step to tool house; chiseled square-----	108. 63
Brockton Heights crossroads, 1.3 mi. S. of, in NW. angle of intersection of Pearl and Torrey Streets, in root on NE. side of 18-in. hickory tree; copper nail and washer-----	157. 63
Brockton Heights crossroads, 0.7 mi. S. of, 170 ft. S. and 45 ft. E. of intersection of Pearl Street and West Elm Street Extension, in wooded lot, in top of boulder; standard tablet stamped "C 128 177 1934"-----	177. 096
Reference mark, 160 ft. N. and 10 ft. W. of tablet, in SE. angle of intersection of Pearl Street and West Elm Street Extension, in 18-in. hickory tree; rail spike-----	178. 53
Brockton Heights crossroads, in NW. angle of intersection of Pearl and Pleasant Streets (Highway 27), in root on E. side of 30-in. elm tree; wire nail and copper washer-----	238. 59
Brockton-Stoughton town line, at crossing of rd.; center line of rd.-----	214. 8
Brockton Heights crossroads, 1.0 mi. N. of, in SE. angle of junction of Turnpike and South Streets, at corner of stone fence; NE. corner of top of stone bound-----	221. 24
Mass. Dept. Public Works T. B. M. designated "No. 265"-----	243. 082
Brockton Reservoir, 0.5 mi. by rd. SW. of, on South Street at Avon-Stoughton town line, 8 ft. W. of stone bound, on ledge; chisel cut.-----	227. 44
Brockton Reservoir, 0.3 mi. SW. of SW. side of, 100 ft. E. of junction of South and Central Streets, 300 ft. S. of large circular concrete tank, on S. side of South Street, in root of pine tree at point 5 ft. W. of trunk; rail spike-----	247. 71
Brockton Reservoir, 0.1 mi. W. of N. end of causeway across, 70 ft. S. and 85 ft. E. of center of rd. junction, 45 ft. N. and 5 ft. E. of stone chimney of 1½-story house, in top of ledge about midway between two small arborvitae trees; standard tablet stamped "C 129 254 1934"-----	253. 888
Reference mark, 120 ft. NW. of tablet, on W. side of rd. junction, opposite grass triangle, in root of double oak tree; wire nail and copper washer-----	261. 34
Avon, 1.5 mi. SW. of sta., 80 ft. N. and 25 ft. W. of forks of rd. N., in base on S. side of 18-in. hickory tree; rail spike-----	231. 08
Mass. Dept. Public Works T. B. M. designated "No. 255"-----	147. 344

From Stoughton along Highway 138 north to Readville, thence northeast along Canton Avenue to its intersection with Highway 28, thence south along highway and High and Lafayette Streets to Randolph (by R. G. Clinite in 1934)

[Line jogs into Boston quadrangle]

	<i>Feet</i>
Mass. Dept. Public Works B. M. designated "G 21"-----	232. 487
Stoughton, 0.8 mi. N. of town hall, 100 ft. W. and 30 ft. S. of intersection of Highway 138 (Washington Street) and Central Street, in root on NW. side of 32-in. elm tree; rail spike-----	237. 93
Stoughton, 1.5 mi. N. of town hall, at Stoughton-Canton town line, 20 ft. W. of W. edge of pavement; NW. corner of 6-by-6-in. bound stone-----	184. 26
Stoughton, 2.1 mi. N. of town hall, 17 ft. E. of E. edge of pavement of Highway 138, in line with N. wall of Donovan's lunch room, in base on NW. side of 15-in. maple tree; rail spike-----	166. 36
Ponkapog, 1.7 mi. SE. of post office, 45 ft. E. of center line of Highway 138, 40 ft. N. of woods rd., on S. side of rock cut, in top at SE. end of shelf of ledge, about 2 ft. above ground; standard tablet stamped "C 133 182 1934"-----	182. 261
Reference mark, 900 ft. S. and 100 ft. E. of tablet, 60 ft. N. and 16 ft. E. of junction of woods rd. E., in base on E. side of 14-in. black-oak tree; rail spike-----	163. 58
Ponkapog, 0.7 mi. SE. of post office, 35 ft. E. and 20 ft. S. of intersection of Highway 138 (Turnpike Street) and Randolph Street, on base of filling sta., on N. rounded edge of raised end; chiseled square-----	184. 73
Ponkapog, 120 ft. S. and 50 ft. E. of post office, in SW. angle of intersection of Highway 138 (Turnpike Street) and Washington Street, on N. corner of triangular concrete curb 8 ft. NE. of highway marker; chiseled square-----	142. 47
Ponkapog, 1.3 mi. N. of post office, 600 ft. N. and 80 ft. E. of intersection of Highways 138 (Washington Street) and 128 (Blue Hill Street), on N. side of "Skyline Trail", in SE. end of rock ledge; standard tablet stamped "C 134 208 1934"-----	208. 069
Reference mark, 400 ft. S. and 50 ft. W. of tablet, 200 ft. N. and 30 ft. E. of intersection of Highways 138 and 128 (Washington and Blue Hill Streets), on S. side of large boulder, 1.5 ft. above ground; chiseled circle-----	199. 33
Canton-Milton town line, at sign post; top of concrete bound-----	238. 8
Readville, 1.5 mi. SE. of R. R. sta., 75 ft. N. and 50 ft. W. of intersection of Highway 138 (Blue Hill Avenue) and Brush Hill Road, in base on W. side of 20-in. maple tree; rail spike-----	193. 40
Readville, 0.6 mi. SE. of R. R. sta., 10 ft. E. of E. end of N. coping of stone bridge over Neponset River, in base on E. side of 22-in. elm tree; rail spike-----	51. 95
U. S. C. & G. S. B. M. designated "S 1923"-----	57. 677
Readville, 0.6 mi. SE. of R. R. sta., at stone bridge of Valley Parkway over Neponset River, on S. walk, 50 ft. E. of W. end, 1.8 ft. S. of outer edge of curb; bronze disk lettered "U. S. C. & G. and State Survey, Sta. No. ---, Elev. ---" (not stamped with sta. number, but identified as "15 L" by field party)-----	51. 961

Readville, 0.7 mi. SE., thence, 0.9 mi. NE. from, 2.0 mi. SW. of Milton town hall, 70 ft. W. and 15 ft. N. of junction of Blue Hill Avenue (Highway 138) and Atherton Street, in root on S. side of 28-in. white-oak tree; rail spike-----	<i>Feet</i> 109. 40
Milton town hall, 0.9 mi. SW. of, 500 ft. E. and 70 ft. N. of intersection of Blue Hill Parkway and Canton Avenue, on W. slope of hill E. of small swamp area, 24 ft. N. of stone fence, in top of S. one of two pudding-stone boulders; standard tablet stamped "C 135 60 1934"-----	59. 588
Reference mark, 400 ft. W. and 15 ft. S. of tablet, in NE. angle of street intersection, in root of 20-in. elm tree; rail spike-----	42. 51
Milton town hall, 1.2 mi. SE. of, 60 ft. E. of junction of Randolph Avenue (Highway 28) and Highland Street, on N. side of dirt rd. SE., in base of 18-in. elm tree; rail spike-----	82. 03
Blue Hills Reservation, 90 ft. W. of Randolph Avenue (Highway 28) and 30 ft. S. of Chickataubut Road, in lawn, on top of embedded boulder; chiseled square-----	198. 80
Milton-Quincy town line, at crossing of highway; center line of highway-----	207. 1
Blue Hills Reservation, 3.3 mi. N. and 1.1 mi. W. of Randolph sta., on E. side of Bear Hill, 100 ft. W. of center line of Highway 28, 480 ft. N. of Bugbee Road, on S. slope of summit of grade, 60 ft. NW. of large granite boulder, 3.5 ft. N. of 20-in. black-oak tree, in top near W. end of 7- by 4-ft. boulder; standard tablet stamped "C 136 246 1934"-----	246. 088
Reference mark, 140 ft. E. of tablet, 40 ft. E. of center line of Highway 28, in base on W. side of 20-in. black-oak tree; rail spike-----	241. 92
Blue Hills Reservation, 80 ft. N. and 80 ft. W. of intersection of Highways 28 and 128, 220 ft. N. of Quincy-Randolph town line, 12 ft. W. of large conglomerate boulder, in root on SE. side of 18-in. white-oak tree; rail spike-----	135. 04
Randolph, 2.4 mi. NW. of R. R. sta., 50 ft. S. and 35 ft. W. of junction of High and Canton Streets, in root on SE. side of 22-in. elm tree; rail spike-----	232. 63
Randolph, 1.4 mi. NW. of R. R. sta., 250 ft. S. and 80 ft. E. of junction of Lafayette and High Streets, in SW. corner of lawn on property of Mrs. Allen, in top at SW. side of ledge, 6 ft. above rd. level; standard tablet stamped "C 137 247 1934"-----	247. 276
Reference mark, 210 ft. N. and 60 ft. W. of tablet, on W. side of triangle of rd. forks in front of chapel, in root on W. side of 18-in. elm tree; rail spike-----	247. 18
Mass. Dept. Public Works B. M. designated "L 21"-----	174. 940

From Readville along roads west to point near northwest corner of quadrangle, thence south near west border to Walpole, thence southeast and northeast along Walpole Street and U. S. Highway 1 to road forks near Walpole-Sharon town line, thence southeast to Sharon Heights (partly by E. M. Wheeler and partly by R. G. Clinite in 1934)

[Line jogs into Boston and Franklin quadrangles]

Readville, 0.9 mi. NW. of R. R. sta., 1.6 mi. SE. of Dedham courthouse, in S. angle of intersection of Milton Street and rd. SW., 70 ft. SW. of intersection, in root on NE. side of 24-in. triple elm tree; copper nail and washer-----	71. 28
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Dedham courthouse, 0.3 mi. E. of, in NE. angle of junction of High and Harvard Streets, 200 ft. NE. of R. R. bridge N. of Dedham sta., 30 ft. N. of center line of High Street, in root on SW. side of 24-in. maple tree; copper nail and washer-----	<i>Feet</i> 97. 51
Mass. Dept. Public Works B. M. designated "B 15"-----	111. 606
Dedham courthouse, 0.8 mi. W. of, 225 ft. SW. of intersection of Lowder and High Streets, 40 ft. NW. of center line of High Street, on top of ledge flush with ground; standard tablet stamped "C 174 1934 133"-----	132. 946
Reference mark, 100 ft. E. and 250 ft. N. of tablet, in NE. angle of intersection of High and Lowder Streets, 25 ft. E. of intersection, 40 ft. SE. of center line of High Street, in root on NE. side of 30-in. elm tree; copper nail and washer-----	124. 82
Dedham courthouse, 1.8 mi. SW. of, in N. angle of junction of Grove and High Streets, 10 ft. SW. of Dedham-Westwood town line, 30 ft. NW. of center line of High Street, on ledge; chiseled square-----	244. 74
Dedham courthouse, 2.6 mi. W. of, in SE. angle of junction of Grove Street with rd. S., 50 ft. E. of junction, 25 ft. S. of center line of Grove Street, in root on N. side of 24-in. twin oak tree; copper nail and washer-----	211. 95
Dedham courthouse, 4.7 mi. along rds. W. of, 20 ft. N. of junction of Wilsondale Street with rd. S., 15 ft. W. of center line of rd. S., in root on SE. side of 30-in. ash tree; copper nail and washer-----	214. 59
Westwood post office, 2.1 mi. along State Highway 109 SW. of, 70 ft. W. and 25 ft. S. of junction of highway (High Street) and North Street, on top at S. end of ledge in line with stone fence; chiseled square-----	219. 38
Norwood, 2.6 mi. W. of, near summit of Coburn Hill, 25 ft. W. of North Street, 0.4 mi. S. of Walpole-Dedham town line, in root on W. side of 22-in. white-oak tree; rail spike-----	250. 03
Plimptonville sta., 2.2 mi. NW. of, 450 ft. S. and 50 ft. W. of junction of Fisher and North Streets, 120 ft. NE. of residence of Marshall Hertig, 12 ft. NW. of center line of North Street, 4 ft. E. of stone wall, 12 ft. S. of corner of stone fence, in W. end of large boulder; standard tablet stamped "C 138 206 1934"-----	206. 260
Reference mark, 450 ft. N. and 20 ft. E. of tablet, 30 ft. W. of junction of Fisher and North Streets, in root on N. side of 36-in. ash tree; rail spike-----	194. 00
Plimptonville sta., 0.6 mi. NW. of, 600 ft. NE. of Norfolk County Agricultural School, 40 ft. E. of junction of Union and Fisher Streets, in base of 12-in. white-oak tree; rail spike-----	172. 57
Plimptonville sta., 0.2 mi. NW. of, 35 ft. W. and 60 ft. S. of junction of Main and Plimpton Streets, in base on NW. side of 18-in. elm tree; rail spike-----	165. 04
Plimptonville sta., 200 ft. N. of, at R. R. bridge 17.31, over Plimpton Street, at W. end of N. abutment; SW. corner of second stone step above street level-----	132. 31
East Walpole, 0.8 mi. along R. R. SW. of, at bridge 2.77, over Plimpton Street, at W. end of S. abutment, on NW. corner of third stone step above street level; chiseled square-----	170. 08
Mass. Dept. Public Works B. M. designated "Y 10"-----	189. 619
Mass. Dept. Public Works B. M. designated "X 10"-----	166. 048

Walpole Heights, 0.7 mi. SE. of sta., 35 ft. NE., thence 35 ft. NW. from intersection of Washington and Common Streets, in root on NE. side of 24-in. black-oak tree; copper nail and washer-----	<i>Feet</i> 212. 42
Walpole Heights, 1.4 mi. SE. of sta., 80 ft. NW. of NW. edge of Highway 1 (concrete), 55 ft. NE. of center line of Walpole Street, at tower of Edison Electric Illuminating Co. of Boston, on S. concrete pier; chiseled square-----	251. 51
Walpole Heights, 1.4 mi. SE., thence 1.0 mi. NE. from sta., 85 ft. W. of center line of Highway 1, 200 ft. N. of summit of hill and on its NW. slope, in top of smaller of two boulders, 90 ft. N. of rd. stand; standard tablet stamped "C 132 302 1934"-----	302. 502
Reference mark, 50 ft. S. of tablet, 20 ft. NW. of NW. edge of concrete highway, on ledge; chiseled point-----	306. 78
Sharon Heights, 2.2 mi. NW. of R. R. sta., 45 ft. SW. of junction of Upland Road and Moose Hill Street, 20 ft. NW. of private way, on ledge; chiseled square-----	376. 38
Sharon Heights, 0.7 mi. SW. of sta., in W. angle of junction of South Main and Walpole Streets, 85 ft. NW. of junction, in root on NE. side of 26-in. pine tree; wire nail and copper washer-----	269. 34
U. S. C. & G. S. B. M. designated "N 1923"-----	258. 789

From Canton Junction along road northeast to its intersection with Highway 138, about 0.7 mile south of Ponkapog (by R. G. Clinite in 1934)

Canton, 45 ft. NW. of junction of Beaumont and Chapman Streets, between sidewalk and right-of-way fence, on boulder; chiseled square-----	126. 12
Canton, 45 ft. E. of junction of Chapman and Washington Streets, in base of 20-in. maple tree; rail spike-----	179. 38
Canton Junction, 1.8 mi. N. of R. R. sta., in NE. angle of junction of Randolph and Washington Streets, at SE. side of grass plot, opposite entrance to St. Mary's Cemetery, on top of granite curb; chiseled square-----	184. 94

From Canton Junction along road northwest to Norwood (by Ira M. Chace, Jr., in 1934)

U. S. C. & G. S. B. M. designated "P 1923"-----	94. 334
Canton Junction, 0.3 mi. by direct route SW. of sta., 120 ft. NW. of junction of Chapman and Neponset Streets, on NE. side of Neponset Street; high point of highway bound-----	85. 48
Canton Junction, 1.1 mi. by direct route NW. of sta., at Canton-Norwood town line, on Neponset Street bridge over Neponset River, on top of S. wing wall; top of brass plug set in lead, marked "413"-----	51. 008
Norwood post office, along rd. 1.8 mi. SE. of, 35 ft. NW. of junction of Neponset and Dean Streets, in root on N. side of 16-in. elm tree; copper nail and washer-----	115. 62
Norwood post office, 1.4 mi. SE. of, in NW. angle of junction of Neponset and East Cross Streets, 72 ft. N. and 63 ft. W. of junction; S. corner of concrete platform of cottage-----	122. 74
Norwood post office, 1.2 mi. SE. of, in N. angle of junction of East Cross Street and Highway 1; top of E. corner of State highway bound-----	79. 31

Norwood post office, 0.5 mi. E. of, 110 ft. S. of junction of East Cross and Pleasant Streets, on E. side of Pleasant Street, in root on N. side of 30-in. elm tree; copper nail and washer.....	<i>Feet</i> 114.06
Mass. Dept. Public Works B. M. designated "D 10".....	138.816

From Taunton quadrangle along road north to Easton (by E. M. Wheeler in 1934)

Easton post office, along highway 0.5 mi. E., thence along rd. 1.2 mi. S. from, in SE. angle of junction of route rd. with T-rd. E., 35 ft. S. of junction, 20 ft. E. of center line of rd., in root on W. side of 16-in. maple tree; copper nail and washer.....	95.74
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From Taunton quadrangle along Highway 123 northeast to its junction with Highway 108 (by E. M. Wheeler in 1934)

Norton-Easton town line, at rd crossing; NW. corner of top of stone bound.....	101.25
Easton post office, 1.0 mi. along rd. W., thence 1.2 mi. SW. from, 50-ft. NW. of junction of Newcomb Street with rd. NW., 15 ft. NE. of center line of rd., on top of boulder; chiseled square.....	111.17

From West Bridgewater southeast along road into Taunton quadrangle (by R. G. Clinite in 1934)

West Bridgewater commons, 1.2 mi. SE. of, thence 0.5 mi. S., in E. point of triangle at junction of South Street and Aldrich Road, in root on SW. side of 40-in. ash tree; rail spike.....	74.23
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From Brockton east along city streets into Abington quadrangle (by Ira M. Chace, Jr., in 1934)

Mass. Dept. Public Works B. M. designated "D 20".....	119.868
Brockton, 0.7 mi. SE. of R. R. sta., at highway bridge over Salisbury Plain River, on NW. corner of top of S. parapet wall; chiseled square.....	95.26
Brockton, 1.1 mi. SE. of R. R. sta., at junction of Taylor and Crescent Streets, 60 ft. S. of center line of Crescent Street, 85 ft. E. of center line of Crescent street, in root of 20-in. maple tree; copper nail and washer.....	121.96

DUXBURY QUADRANGLE

[Latitude 42°-42°15'; longitude 70°30'-70°45']

PLYMOUTH COUNTY

From Abington quadrangle near West Duxbury along roads north to Greenbush (by E. M. Titus in 1934)

[Line jogs into Abington quadrangle]

North West Duxbury, 0.8 mi. S. of, at five corners, 5.5 ft. NW. of junction, 35 ft. N. of center line of Cross Street, in root on SE. side of 18-in. pine tree; copper nail and washer.....	<i>Feet</i> 122.62
North West Duxbury, 0.2 mi. S. of, in N. angle of junction of Union Street and dirt rd. NE., 20 ft. E. of center line of Union Street, on top of tree stump; rail spike.....	77.04

North West Duxbury, 0.2 mi. NW. of, 45 ft. N. and 25 ft. W. of intersection of Union and Congress Streets, 20 ft. W. of center line of Union Street, in root on SE. side of 16-in. pine tree; copper nail and washer-----	<i>Feet</i> 63. 45
North West Duxbury, 0.8 mi. NW. of, in SW. angle of intersection of Union and Keene Streets, 25 ft. W. of center line of Union Street, in root on NE. side of 14-in. pine tree; copper nail and washer....	78. 09
North West Duxbury, 1.7 mi. NW. of, 25 ft. S. and 20 ft. W. of intersection of Myrtle and Keene Streets, 75 ft. N. of Keene Brook, in root on SW. side of 12-in. twin maple tree; copper nail and washer-----	48. 02
Marshfield, 1.7 mi. (air line) W. of R. R. sta., 90 ft. S. and 85 ft. W. of junction of School and Forest Streets, 15 ft. SE. of center line of School Street, in root on N. side of 18-in. pine tree; copper nail and washer-----	121. 91
Marshfield, along rd. 1.0 mi. S., thence 0.5 mi. W. from village, 305 ft. N. and 155 ft. E. of junction of Pine and Forest Streets, 130 ft. E. of center line of Forest Street, on boulder in brush; standard tablet stamped "C 155 1934 200"-----	200. 177
Reference mark, 255 ft. S. and 140 ft. W. of tablet, in NE. angle of junction, 15 ft. E. of center line of Forest Street, in root on E. side of 18-in. pine tree; copper nail and washer-----	178. 38
Mass. Dept. Public Works B. M. designated "J 16"-----	30. 757

From North West Duxbury along roads east to Green Harbor (by E. M. Titus in 1934)

North West Duxbury, 0.7 mi. SE. of, 65 ft. E. of junction of King Philip Path and Highway 14, 15 ft. N. of center line of Highway 14, on top of NE. corner of concrete culvert; chiseled square-----	53. 26
North West Duxbury, 1.7 mi. SE. of, 2.1 mi. W. of Green Harbor sta., 25 ft. N. of junction of Highway 14 and rd. NW., 15 ft. W. of culvert over brook, 25 ft. N. of center line of Highway 14, in root on W. side of 12-in. oak tree; copper nail and washer-----	45. 48
Green Harbor, 0.7 mi. SW. of R. R. sta., at Cox's corner, 375 ft. NE. of intersection of Highway 3A and Duck Hill Rd., 130 ft. N. of center line of Duck Hill Rd., 150 ft. NE. of NE. corner of 2-story brown shingled house, on top of ledge outcrop; standard tablet stamped "C 157 1934 63"-----	63. 182
Reference mark, 170 ft. S. and 360 ft. W. of tablet, at Cox's corner garage, at N. one of four gas pumps, on NE. end of concrete base; chiseled square-----	41. 75
Mass. Dept. Public Works T. B. M. designated "No. 175"-----	17. 510

FALL RIVER QUADRANGLE

[Latitude 41°30'-41°45'; longitude 71°-71°15']

BRISTOL COUNTY

From Taunton quadrangle near Watuppa Pond southwest along roads to Steep Brook, thence south along railroad and west along streets to Taunton River highway bridge at Fall River, thence north into Taunton quadrangle (by R. G. Clinite in 1934)

Steep Brook, 2.8 mi. E. of, 100 ft. E. of reservation sign of Watuppa Water Board, 15 ft. S. of center line of rd., on N. side of large boulder; chiseled circle-----	<i>Feet</i> 168. 31
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Watuppa Pond, at N. end of; surface of water March 16, 1934, at 3 p. m.-----	<i>Feet</i> 131. 96
Steep Brook, 2.0 mi. along Wilson Road E. of, in pond 50 ft. S. of Wilson Road crossing, 15 ft. from shore, in line with E. end of stone wall, on top of large boulder; chiseled circle.-----	133. 24
Steep Brook, 0.9 mi. E. of, on N. side of Wilson Road, opposite Meridian Street, in front of house No. 1006 Wilson Road, 1 ft. E. of W. end of concrete retaining wall; chiseled square.-----	238. 35
Steep Brook, about 90 ft. N. of, at N. abutment of R. R. bridge 34.67, over Collins Street, in E. end of stone abutment, on second step below bridge seat; standard tablet stamped "C 147 41 1934"-----	18. 000
Reference mark, opposite junction of North Main and Collins Streets, at W. corner of square stone building, on foundation stone; chiseled circle.-----	42. 75
Steep Brook, about 500 ft. N. of, 100 ft. S. and 50 ft. W. of R. R. bridge 34.57, over tracks under Clark Street, 15 ft. S. of telegraph pole marked "U. S. C. G. S. No. 5 Bound", 1 ft. E. of right-of-way fence, on top of concrete post; U. S. C. & G. S. and State Survey standard disk marked "U. S. C. & G. Survey and State Survey, Sta. No. ———, Elev. ——— Feet"-----	26. 958
U. S. C. & G. S. T. B. M. designated "No. 39"-----	22. 06
Taunton River highway bridge, on S. side of E. abutment, on W. corner of top stone of wing wall, 10 in. S. of iron post of railing; chiseled square.-----	36. 18
Taunton River highway bridge, on S. side of W. abutment, on E. corner of top stone of wing wall, 10 in. SW. of iron post of railing; chiseled square.-----	36. 23
Taunton River 0.7 mi. N. of highway bridge; surface of water March 20, 1934, at 10:57 a. m.-----	1. 90
Taunton River highway bridge, 0.8 mi. N. of W. end of, 45 ft. W. and 30 ft. N. of junction of Highway 138 and Read Street, on granite curbstone over sewer inlet; chiseled square.-----	12. 84
Somerset village, 0.5 mi. W., thence 2.1 mi. along highway SW. from, 35 ft. E. and 30 ft. S. of junction of Highway 138 and Buffington Street, on E. wall of concrete coping over drain; chiseled square---	34. 467

From Taunton quadrangle near Swansea along roads west about 1.6 miles,
thence north into Taunton quadrangle (by E. M. Titus in 1934)

[Line jogs into Taunton quadrangle]

Swansea, at junction of Main Street and Mill Road, 340 ft. N. of center line of Main Street, 80 ft. E. of center line of Mill Road, on W. bank of Lewin Brook, on top of large ledge outcrop; standard tablet stamped "C 169 1934 47"-----	46. 972
Reference mark, 330 ft. N. and 100 ft. E. of tablet, 20 ft. W. of center line of Mill Road, 50 ft. E. of Frank S. Stevens Grammar School, in root on SE. side of 36-in. elm tree; copper nail and washer.-----	37. 64
Swansea, 1.2 mi. W. of, in SE. angle of intersection of Highway 6 and Millford rd., 60 ft. S. of center line of Millford rd., in root on NE. side of 40-in. beech tree; copper nail and washer.-----	48. 71

FALMOUTH QUADRANGLE

[Latitude 41°30'-41°45'; longitude 70°39'-70°45']

BARNSTABLE AND PLYMOUTH COUNTIES

From Back River Harbor (Buzzards Bay) northeast along highways to Bourne highway bridge over Cape Cod Canal (by M. A. Roudabush in 1932; leveled twice)

	<i>Feet</i>
U. S. C. & G. S. B. M. designated "Tidal No. 1 (1860)"	1. 545
Back River Harbor, at Parkinson's wharf; top of new tide gage	6. 37
Back River Harbor, at Parkinson's wharf, on NE. corner of N. (shore-end) pier, on top of concrete; chiseled cross	6. 22
Back River Harbor, at line between Parkinson and Cahoon properties, 280 ft. NW. of U. S. C. & G. S. B. M. designated "Tidal No. 1 (1860)", at end of fence separating properties; top of NE. corner of granite block	5. 13
U. S. C. & G. S. B. M. designated "Tidal No. 2 (1912)"	15. 36
Gray Gables, 50 ft. SE. of R. R. depot, 60 ft. NE. of grade crossing, on SW. corner of concrete base of semaphore signal; chiseled square	8. 87
Bourne, 0.2 mi. W. of Trading Post Corners, in SE. angle of T-rd. S., in concrete post; U. S. C. E. bronze tablet stamped with triangle and "U. S. Engineer Department"	19. 189
Bourne, 600 ft. N. of Trading Post Corners, 35 ft. E. of center line of Highway 28, on top of concrete post; U. S. C. E. bronze tablet	25. 030
Bourne, 250 ft. SE. of center line of highway bridge over Cape Cod Canal, on first footing N. of S. abutment, S. of steel pillar; top of bolt (U. S. C. E. B. M.)	7. 10

From Bourne north and west along highways to railroad station at Buzzards Bay, thence south along New York, New Haven & Hartford Railroad (Woods Hole Branch) to Gray Gables (by M. A. Roudabush in 1932)

Bourne, 900 ft. N. of municipal building, in E. end of village of Buzzards Bay, 50 ft. NW. of T-rd. S., opposite junction of State Highway 28 and U. S. Highway 6; E. end of concrete curb	13. 937
Mass. Dept. Public Works B. M. designated "J 17"	9. 700
Buzzards Bay, 150 ft. SE. of sta., at S. corner of signal tower, in top of water table; drill hole 0.25 in. deep (N. Y., N. H. & H. R. R. B. M. designated "15.496", Boston City base)	9. 25
U. S. C. & G. S. B. M. designated "Tidal No. 1 (1931)"	5. 027
Buzzards Bay, at R. R. bridge 54.84, over Cape Cod Canal, on pier No. 3 (southernmost) at point 2 ft. SW. of U. S. C. & G. S. B. M. designated "Tidal No. 1 (1931)"; SW. corner of pier, Mass. Dept. Public Works T. B. M. designated "No. 222" (U. S. C. E. B. M., elev. 111.96 ⁸)	5. 025

⁸ Elevations of bench marks of Cape Cod Canal are referred to a datum plane assumed to be 100 ft. below mean sea level.

From Bourne northeast along highway south of Cape Cod Canal into Sagamore quadrangle (by M. A. Roudabush in 1932)

Bourne, 925 ft. E. of highway bridge over Cape Cod Canal, 300 ft. S. of center line of canal at sta. 333+14.06, on SE. corner of stone monument; U. S. C. E. chiseled square (elev. 111.96 ⁹)	<i>Feet</i> 10. 98
Bourne, at R. U. sta., in front of operator's window; top of S. rail	12. 8
Bourne, 150 ft. SE. of post office, 300 ft. NE. of high school, at crossroads; center of intersection	33. 7
Bourne, 0.7 mi. NE. of post office, 1.0 mi. NE. of Trading Post Corners, 250 ft. E. of white farmhouse, 20 ft. N. of highway, in center of top of stone highway bound; drill hole	39. 54

From Bourne south and southeast along roads to Forestdale, thence northeast along road into Barnstable quadrangle (by E. M. Wheeler in 1934)

Mass. Dept. Public Works T. B. M. designated "No. 518"	17. 646
Mass. Dept. Public Works B. M. designated "A B 34"	27. 805
Bourne, 1.3 mi. S. of R. R. bridge, 2.5 mi. by rd. N. of North Pocasset, 160 ft. S. of brook culvert, 25 ft. E. of center line of rd., on top of boulder; chiseled square	19. 11
North Pocasset, 1.4 mi. N. of crossroads, on S. side of small cemetery, 35 ft. W. of center line of rd., on top of boulder; standard tablet stamped "WH 43 1934 57"	57. 310
Reference mark, 400 ft. N. and 250 ft. E. of tablet, 30 ft. N. of junction of route rd. with T-rd. W., 20 ft. E. of center line of rd., in root on SW. side of 10-in. triple maple tree; copper nail and washer	54. 71
North Pocasset, 100 ft. N. of crossroads, 15 ft. E. of center line of rd., in base on SW. side of 18-in. ash tree; rail spike	33. 26
North Pocasset, 0.9 mi. E. of, in NW. angle of intersection of route rd. and State Highway 28 (NE.-SW.), on top of SW. corner of head wall of concrete culvert; chiseled square	68. 18
North Pocasset, 2.1 mi. E. of, 0.4 mi. W. of junction of route rd. with rd. NE., 15 ft. SW. of center line of rd., on top of boulder; standard tablet stamped "WH 44 189 1934"	178. 485
Reference mark, 45 ft. S. and 60 ft. E. of tablet, 15 ft. SW. of center line of rd., on top of boulder; chiseled square	176. 03
North Pocasset, 3.0 mi. E. of, 2.9 mi. by rd. SW. of Forestdale post office, 27 ft. S. of intersection of Pocasset-Forestdale public rd. with NE.-SW. second-class rd., 3 ft. S. of forked oak tree, 4 ft. W. of concrete-and-steel signpost, on Bourne-Sandwich town line, in top of 10-by-14-in. granite boundary monument projecting 4 ft. above ground; standard tablet stamped "TT K 1 1932 154"	159. 485
Forestdale post office, 1.8 mi. by rd. W. of, on SW. side of Snake Pond and N. side of Weeks Pond, 365 ft. SE. of private rd. NE. to cottage, 15 ft. NE. of center line of rd., in concrete post; bronze plate stamped "Registered Land Bound"	71. 38
Forestdale post office, 0.9 mi. SW. of, opposite intersection of E.-W. and NE.-SW. rds., 15 ft. SE. of center line of rd., in root on SE. side of 20-in. maple tree; copper nail and washer	136. 00

⁹ Elevations of bench marks of Cape Cod Canal are referred to a datum plane assumed to be 100 ft. below mean sea level.

From North Pocasset along roads south, southeast, and northeast by way of North Falmouth, Hatchville, and John Pond to Forestdale (by E. M. Wheeler in 1934)

[Line jogs into Barnstable quadrangle]

North Pocasset, 1.3 mi. SE. of, opposite junction with rd. NE., 25 ft. SE. of center line of rd., in root on S. side of 30-in. ash tree; copper nail and washer.....	<i>Feet</i> 35. 86
North Pocasset, 1.9 mi. along rd. S. of, on SE. side of grass triangle at junction of route rd. with rd. NW., 100 ft. NE. of junction, 25 ft. NW. of center line of rd., in concrete post; standard tablet stamped "WH 45 58 1934".....	58. 059
Reference mark, 80 ft. S. and 80 ft. W. of tablet, 30 ft. S. of junction of route rd. with rd. NW., 15 ft. W. of center line of rd., in root on SE. side of 24-in. catalpa tree; copper nail and washer.....	57. 82
North Falmouth post office, 1.4 mi. along rd. NE. of, about 800 ft. N. of junction of route rd. with rd. W., 10 ft. W. of center line of rd.; top of bound stone.....	33. 47
North Falmouth post office, 1.0 mi. along rd. NE. of, 170 ft. N. of junction of route rd. and State Highway 28, 20 ft. E. of center line of rd., in base on W. side of 18-in. pine tree; rail spike.....	53. 37
Bourne-Falmouth town line, at crossing of rd.; center line of rd.....	51
North Falmouth post office, 0.5 mi. along rd. NE. of, in S. angle of junction of route rd. with State Highway 28, 15 ft. W. of center line of Highway 28, at concrete culvert; top of N. end of head wall...	34. 995
North Falmouth post office, in SW. angle of intersection of route rd. with NW.-SE. rd. (to Hatchville), 40 ft. W. of center line of rd., in root on NE. side of 36-in. ash tree; copper nail and washer...	26. 09
Mass. Dept. Public Works T. B. M. designated "No. 599".....	43. 873
North Falmouth post office, 1.2 mi. along Hatchville rd. SE. of, 10 ft. NE. of center line of rd., on top of large boulder; chiseled square...	106. 58
Hatchville, 1.1 mi. along rd. NW. of, opposite junction of route rd. with rd. SW., 55 ft. NE. of center line of rd., under telephone cable line, on top of boulder; chiseled square.....	99. 78
Hatchville post office, 0.1 mi. E. of, 40 ft. E. of junction of route rd. with rd. N., 15 ft. S. of center line of rd., in concrete post; standard tablet stamped "WH 48 91 1934".....	91. 269
Reference mark, 20 ft. N. and 40 ft. W. of tablet, 400 ft. E. of junction of route rd. with rd. N., 15 ft. S. of center line of rd., in root on NE. side of 16-in. maple tree; copper nail and washer.....	91. 32
Hatchville post office, 1.1 mi. along rd. SE. of, in NW. angle of intersection of NW.-SE. and SW.-NE. rds., 70 ft. SW. of intersection, 20 ft. NW. of center line of rd., on top of NE. end of head wall of concrete culvert; chiseled square.....	60. 30
Hatchville post office, along rds. 1.3 mi. SE., thence 1.1 mi. NE. from, in SW. angle of junction of route rd. with rd. S., 80 ft. SW. of junction, 40 ft. SE. of center line of rd., in root on NW. side of 12-in. pine tree; copper nail and washer.....	62. 02
Mashpee-Sandwich-Falmouth town line, 8 ft. W. of tri-town stone, on top of center of concrete bound post; lead plug and brass tack...	68. 35
Hatchville post office, along rds. 1.3 mi. SE., thence 2.1 mi. NE. from, opposite abandoned rd. SE., 15 ft. NW. of center line of rd., in concrete post; standard tablet stamped "WH 47 103 1934".....	103. 275

Reference mark, 75 ft. S. and 75 ft. W. of tablet, in SW. angle of junction of route rd. with abandoned rd. SE., 100 ft. SW. of junction, 15 ft. SE. of center line of rd., in root on N. side of 20-in. oak tree; copper nail and washer.....	<i>Feet</i> 103. 80
Hatchville post office, 4.5 mi. along rds. by indirect route NE. of, about 400 ft. N. of N. shore of John Pond, opposite rd. NE., 10 ft. W. of center line of rd., in root on NE. side of 22-in. pine tree; copper nail and washer.....	47. 86
Hatchville post office, 5.3 mi. along rds. by indirect route NE. of, at intersection of five woods rds., in NE. angle of sunken grass triangle at woods rd. E., in root on NW. side of 20-in. pine tree; copper nail and washer.....	49. 87
Forestdale post office, 1.9 mi. by rd. S. of, 15 ft. SW. of center line of rd., in root on W. side of 12-in. pine tree; copper nail and washer....	117. 87
Mashpee-Sandwich town line at crossing of rd.; high point of stone bound.....	135. 67
From Falmouth along roads northeast by way of East Falmouth and Waquoit Village into Barnstable quadrangle (by E. M. Wheeler in 1934)	
Mass. Dept. Public Works copper plug, B.M. designated "H 37"....	36. 056
Falmouth, along rd. 0.8 mi. SE. of sta., 30 ft. E. of junction of route rd. with rd. SW., 25 ft. N. of center line of rd., in root on E. side of 30-in. elm tree; copper nail and washer.....	19. 62
Falmouth, 1.4 mi. E. of sta., in SW. angle of junction of route rd. with rd. S. to Falmouth Heights, 8 ft. S. of edge of traveled way, in concrete post; standard tablet stamped "WH 50 8 1934".....	8. 224
Reference mark, 75 ft. W. of tablet, 150 ft. SW. of junction of route rd. with rd. S. to Falmouth Heights, 25 ft. SE. of center line of rd., on top of head wall of abandoned concrete culvert; chiseled square....	7. 95
Falmouth, 2.4 mi. NE. of sta., 1.9 mi. SW. of East Falmouth, opposite junction of route rd. with rd. NE., 35 ft. W. of center line of rd., in root on S. side of 24-in. spruce tree; copper nail and washer.....	18. 37
East Falmouth, along rd. 0.7 mi. SW. of, in N. angle of junction of route rd. with rd. NW., on top of NW. end of head wall of concrete culvert; chiseled square.....	24. 96
East Falmouth, on S. side of rd., at inlet to Green Pond, on top of W. end of head wall of large concrete culvert; standard tablet stamped "WH 51 8 1934".....	8. 104
Reference mark, 150 ft. S. and 250 ft. E. of tablet, on S. side of rd., on top of N. end of head wall of concrete culvert; chiseled square....	20. 78
East Falmouth, 1.2 mi. E. of, 0.2 mi. SW. of junction of route rd. with rd. N. to Fresh Pond, 15 ft. SE. of center line of rd., in root on SE. side of 24-in. elm tree; copper nail and washer.....	35. 01
Waquoit Village, opposite junction of route rd. with rd. NW., 20 ft. N. of center line of rd., in concrete post; standard tablet stamped "WH 4 34 1935".....	34. 042
Reference mark, 50 ft. E. of tablet, 50 ft. E. of junction of route rd. with rd. NW., 25 ft. N. of center line of rd., in root on N. side of 30-in. elm tree; copper nail and washer.....	38. 17
Waquoit Village, along rd. 1.0 mi. NE. of, opposite Mashpee-Falmouth town line, 20 ft. NW. of center line of rd., in root on NW. side of 12-in. pine tree; copper nail and washer.....	46. 41

Benchmarks established by spur lines from leveling of Massachusetts Department of Public Works along New York, New Haven & Hartford Railroad (Woods Hole Branch) between Falmouth and North Falmouth (by E. M. Wheeler in 1933)

	<i>Feet</i>
Mass. Dept. Public Works B. M. designated "G 37"-----	44. 581
Falmouth, 0.8 mi. along rd. NE. of, 0.1 mi. S. of junction of Palmer rd. and State Highway 28, 50 ft. W. of center line of rd., on top of boulder; standard tablet stamped "WH 3 36 1935"-----	36. 042
Mass. Dept. Public Works T. B. M. designated "No. 601"-----	23. 368
West Falmouth, along rd. 0.6 mi. SE. of R. R. sta., 0.1 mi. S. of junction of route rd. with rd. W., 30 ft. E. of center line of rd., on top of boulder; standard tablet stamped "WH 2 10 1935"-----	10. 487
Reference mark, 220 ft. N. of tablet, 20 ft. E. of center line of rd., on top of boulder; chiseled square-----	13. 16
Mass. Dept. Public Works B. M. designated "E 37"-----	35. 851
North Falmouth, 1.1 mi. along R. R. SW. of, on E. abutment of Bridge 7.77, in top of top course of S. wing wall; standard tablet stamped "WH 49 1934 51"-----	50. 706

FEEDING HILLS QUADRANGLE

[Latitude 42°-7'30"; longitude 72°37'30"-72°45']

HAMPDEN COUNTY

From Mount Tom quadrangle near Riverdale south along roads by way of Hubbard Corners and west into Granville quadrangle near Southwick (by R. G. Clinite in 1933)

[Line jogs into Connecticut]

	<i>Feet</i>
West Springfield, 60 ft. E. and 45 ft. N. of intersection of Piper Rd. and Kings Highway, in root on SE. side of 38-in. black-oak tree; copper nail and washer-----	158. 68
Mass. Dept. Public Works T. B. M. designated "No. 277" (U. S. C. & G. S. designation "T. B. M. 277 M. P. W. D.")-----	75. 764
West Springfield, 1.4 mi. SW. of, at N. abutment of iron bridge over Westfield River, at upstream end, on bridge seat course; chiseled square-----	61. 81
Hubbard Corners, 2.5 mi. N. of, 62 ft. W. of center of crossroads marked "Cooper St. Drews Nursery", 24 ft. N. of center line of Cooper Street, 2 ft. N. of line of maple trees, in concrete post set flush with ground; standard tablet stamped "C 9 1933 135"-----	135. 378
Reference mark, 15 ft. NE. of tablet, 50 ft. W. of crossroads, on top of 8- by 8-in. stone bound; highest point in painted circle-----	135. 80
Hubbard Corners, 1.3 mi. N. of, in SW. angle of intersection of Silver and Suffield Streets, 20 ft. S. and 25 ft. W. of intersection of center lines, in root on SE. side of 26-in. elm tree; copper nail and washer-----	124. 50
Hubbard Corners, in SE. angle of intersection of Suffield and South Streets, in root of 36-in. forked elm tree; copper nail and washer--	117. 54
Hubbard Corners, 0.8 mi. S. of, at Mass.-Conn. State line, 23 ft. W. of center line of rd., 2 ft. E. of fence, 1 ft. E. of stone bound, in top of 8- by 10-in. stone post set flush with ground; standard tablet stamped "C 10 1933 136"-----	135. 513
Reference mark, 47 ft. E. of tablet, on E. side of rd., on top of higher one of two State-line monuments; rim of small hole in center of top-	146. 92

Feeding Hills, 2.3 mi. SE. of, at Mass.-Conn. State line, on NE. side of rd., on top of State-line monument; rim of small hole in center of top.....	<i>Feet</i> 214. 60
Feeding Hills, 2.2 mi. SW. of, 200 ft. E. of crossroads, at W. concrete abutment of wooden bridge over R. R., on bridge seat at S. end; chiseled square.....	205. 71
Feeding Hills, 3.0 mi. SW. of, 60 ft. E. and 20 ft. N. of center of crossroads, in concrete post set flush with ground; standard tablet stamped "C 11 1933 205".....	204. 719
Reference mark, 20 ft. W. of tablet, in root on SW. side of 20-in. maple tree; copper nail and washer.....	204. 67
Southwick, 3.9 mi. SE. of village, 370 ft. E. of rd. forks, at Mass.-Conn. State line, on S. side of rd., on top of State-line monument; rim of small hole.....	233. 04
Southwick, 3.8 mi. SE. of village, 460 ft. NW. of rd. forks, at Mass.-Conn. State line, on NE. side of rd., on top of State-line monument; rim of small hole.....	243. 36
Southwick, 2.7 mi. E. of village, in NW. angle of rd. forks, in root on NE. side of 16-in. maple tree; copper nail and washer.....	273. 03
Southwick, 1.6 mi. E. of village, 25 ft. N. and 15 ft. E. of junction of woods rd., in root on SE. side of 14-in. black-oak tree; copper nail and washer.....	269. 28

On west boundary of quadrangle at Massachusetts-Connecticut State line
(by E. M. Wheeler in 1934)

Southwick, 1.8 mi. SE. of, at Mass.-Conn. State-boundary line, 20 ft. E. of center line of rd., on top of State-line stone bound; painted circle around drill hole.....	264. 57
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At Westfield (by E. G. Clinite in 1933)

Westfield, at front entrance to post office, on N. end of stone doorsill; chiseled square.....	150. 80
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FRAMINGHAM QUADRANGLE

[Latitude 42°15'-42°30'; longitude 71°15'-71°30']

MIDDLESEX, NORFOLK, AND WORCESTER COUNTIES

From Lowell quadrangle at point near Boxboro station south along highway to crossroads about 1 mile west of West Acton, thence west along Concord-Harvard highway into Marlboro quadrangle (by D. H. Baldwin in 1932)

Boxboro sta., 0.6 mi. S. of, at NE. angle of crossroads; opposite School No. 3, 5.3 ft. lower than NE. corner of top stone step of school, on large granite boulder; chiseled square.....	<i>Feet</i> 270. 28
Boxboro sta., 1.1 mi. S. of, on W. bank of rd., on 2- by 2-ft. granite boulder; chiseled square.....	236. 56
Boxboro sta., 1.4 mi. S. of, on E. side of rd., on top of 8- by 8-in. granite post protruding 1 ft. above ground and marked "12" on its S. face; chiseled square.....	222. 07
Boxboro sta., 1.8 mi. S. of, about 1 mi. W. of West Acton, at diagonal crossroads, near E. end of triangular grass plot E. of cut-off rd., in top of 6- by 6-in. granite highway post protruding 1 ft. above ground and about 3 ft. above highway level; standard tablet stamped "238 B 1922 Prim. Trav. Sta. No. 4 W".....	238. 297

FRANKLIN QUADRANGLE

[Latitude 42°-42°15'; longitude 71°15'-71°30']

BRISTOL, MIDDLESEX, NORFOLK, AND WORCESTER COUNTIES

From Dedham quadrangle at point about 1.4 miles southeast of Charles River Village along roads southwest, south, and southeast and back into Dedham quadrangle at point near North and High Streets (partly by E. M. Wheeler and partly by R. G. Clinite, in 1934)

Dover sta., 2.0 mi. along Walpole Street SE., thence 0.5 mi. along Powissett Street NE. from, 100 ft. W. of junction of Powissett Street with abandoned rd. N., 15 ft. S. of center line of Powissett Street, in root on NW. side of 30-in. oak tree; copper nail and washer:-----	Feet 281. 83
Dover sta., 2.0 mi. along Walpole Street SE. of, in N. angle of junction of Walpole and Powissett Streets, 35 ft. E. of junction, 25 ft. W. of center line of Powissett Street, in root on SE. side of 24-in. oak tree; 20-penny spike:-----	270. 20
Dover sta., 2.8 mi. along Walpole Street SE. of, 100 ft. E. and 80 ft. N. of intersection of Walpole and Harford Streets, in SW. corner of orchard, in line with and about midway between an apple and a cherry tree, in top at SE. end of embedded boulder; standard tablet stamped "C 139 262 1934":-----	261. 559
Reference mark, 60 ft. W. and 30 ft. S. of tablet, at corner of stone fence, in root of 16-in. elm tree; rail spike:-----	258. 08
Medfield post office, 2.8 mi. along State highway 109 (County Street) NE. of, 200 ft. W. of Walpole-Dover town line, in NE. angle of junction of County and Walpole Streets, in base of 14-in. oak tree; rail spike:-----	307. 15
From Dedham quadrangle about 1.2 miles south of Foxboro along direct roads northwest to South Walpole (by R. G. Clinite in 1934)	
Foxboro High School, at main entrance on N. side, on S. end of W. stone coping, 5 in. N. of brick wall, 10 in. W. of stone offset; center of chiseled cross:-----	286. 44
Foxboro, 1.0 mi. along Highway 140 NW. of post office, in SE. angle of intersection of Chestnut and North Streets, 380 ft. N. of Highway 140, in base on W. side of 20-in. maple tree; rail spike:-----	293. 42
South Walpole, 1.2 mi. SE. of post office, 300 ft. NE. of R. R. crossing, 140 ft. N. of E. edge of pond, opposite No. 68 North Street, on top at NE. corner of stone bound; chiseled circle:-----	272. 95
South Walpole, 0.2 mi. E. of post office, 380 ft. E. and 100 ft. N. of intersection of Highways 1 and 140, in field, near top on NE. side of large pudding-stone boulder; standard tablet stamped "C 131 260 1934":-----	259. 785
Reference mark, 335 ft. SW. of tablet, in SW. angle of junction of North Street and Highway 1, in root on SW. side of 36-in. elm tree; rail spike:-----	244. 76
Foxboro-Walpole town line, at crossing of rd.; center line of rd:-----	235. 1
Mass. Dept. Public Works T. B. M. designated "No. 230":-----	233. 278

GRANVILLE QUADRANGLE

[Latitude 42°-42°15'; longitude 72°45'-73°]

HAMPSHIRE AND HAMPDEN COUNTIES

From Feeding Hills quadrangle at point 0.8 mile (air line) north of Massachusetts-Connecticut State line northwest along road to Southwick, thence north along highway 10 and back into Feeding Hills quadrangle at Westfield (by R. G. Clinite in 1933)

Southwick sta., 220 ft. S. of, 0.4 mi. E. of village, in SW. abutment of overhead R. R. bridge, in NW. face of fourth course of masonry, 1 ft. SW. of N. corner, 5 ft. above rd. pavement; standard tablet stamped "C 12 1933 240"-----	<i>Fcet</i> 239. 953
Reference mark, 34 ft. E. of tablet, at SE. corner of NE. abutment, on concrete pavement; chiseled square-----	234. 84
Southwick Village, 75 ft. E. and 60 ft. N. of intersection of Highway 10 and Suffield-Granby rd., in root on E. side of 26-in. maple tree; head of spike (probably highway B. M.)-----	244. 07
Southwick Village, 0.6 mi. N. of, 25 ft. W. of center of junction of Highways 10 and 57, in root on N. side of 40-in. ash tree; copper nail and washer-----	264. 62
Southwick Village, 1.3 mi. N. of, 4.0 mi. SW. of Westfield post office, 28 ft. E. of center line of Highway 10, in grass triangle of fork of rd. NE.; NE. corner of stone bound-----	250. 79
Westfield post office, 2.7 mi. along Highway 10 SW. of, at Southwick-Westfield town line, 50 ft. E. of center line of Highway 10, on E. side of stone property bound, 4 ft. W. of town-line marker, in top of concrete post set flush with ground; standard tablet stamped "C 13 1933 245"-----	245. 072
Reference mark, 4 ft. E. of tablet, 2 ft. above ground, on top of granite monument marking town line and lettered "W" on N. face and "S" on S. face; rim of hole-----	246. 88
Westfield post office, 2.1 mi. S. of, 45 ft. W. of Highway 10, 40 ft. S. of water-line main, on NE. corner of concrete cell enclosing manhole of water valve; chiseled square-----	249. 04
Westfield post office, 1.2 mi. SW. of, on E. side of Highway 10, at NE. corner of concrete bridge over Westfield Little River, on top of back wall; chiseled square-----	166. 22

From Southwick northwest and west along improved highway to Tolland school, thence south along road to Massachusetts-Connecticut State line (by R. G. Clinite in 1934)

[Line jogs into Sandisfield quadrangle]

Southwick, 1.2 mi. by rd. NW. of, 120 ft. SE. of junction of Southwick-Granville rd. and dirt rd. NW., on SW. side of rd., 10 ft. from NW. end of concrete coping of 20-in. drain; chiseled square--	344. 21
Southwick, 2.2 mi. NW. of, 30 ft. W. and 25 ft. S. of junction of route rd. with T-rd. S., 130 ft. SW. of junction of rd. NE., 170 ft. E. of junction of rd. W., in root on S. side of 30-in. elm tree; rail spike-----	406. 73
Southwick, 3.1 mi. NW. of, 3.2 mi. NE. of Granville, 520 ft. SE. of crossroads, at SE. corner of concrete bridge over Munn Brook, in shelf at top of wing wall; standard tablet stamped "C 186 266 1934"-----	265. 99

Reference mark, 250 ft. N. and 450 ft. W. of tablet, in SW. angle of crossroads, at NE. entrance to Hilltop Trail golf course, in root on NW. side of 18-in. maple tree; rail spike-----	Feet 289. 36
Granville, 2.2 mi. NE. of, at Southwick-Granville town line; center line of rd.-----	440
Granville, 1.6 mi. NE. of, 140 ft. W. of junction of improved rd. and dirt rd. across stream to Westfield Reservoir, about 6 ft. below level of rd., in W. angle of junction, in root on S. side of 15-in. chestnut tree; rail spike-----	533. 46
Granville, 0.4 mi. E. of, 30 ft. S. of junction of improved rd. and dirt rd. SE., in root on N. side of 26-in. maple tree; rail spike----	656. 49
Granville, 110 ft. N. and 25 ft. W. of junction of improved rd. and old rd. to Mundale (T-rd. N.), in line with bay window of 2-story frame house, in E. edge of sloping lawn, about 4 ft. above level of rd., in top of ledge; standard tablet stamped "C 187 685 1934"---	685. 188
Reference mark, 650 ft. W. and 180 ft. S. of tablet, 75 ft. SE. of junction of improved rd. and dirt rd. S., at main entrance to Granville Public Library, at N. end of bottom granite step; chiseled square-----	689. 56
Granville Center, 55 ft. W. and 35 ft. N. of entrance to post office, on S. side of improved highway, 3.5 ft. above rd. level, in root on N. side of 18-in. elm tree; rail spike-----	1, 046. 47
Granville Center, 0.4 mi. W. of post office, 185 ft. S. of forks of dirt rd. N., 75 ft. W. of dirt rd. S., on top of boulder; chiseled square-----	971. 58
Granville Center, 1.1 mi. NW. of post office, 60 ft. W. and 40 ft. S. of junction of T-rd. S., in root on NW. side of 22-in. maple tree; copper nail and washer-----	1, 125. 80
Granville Center, 2.1 mi. NW. of post office, 2.2 mi. by rd. E. of West Granville, 340 ft. E. of Valley Brook, 125 ft. E. of junction of improved rd. and dirt rd. NE., on NE. side of hairpin turn, in top of embedded boulder; standard tablet stamped "C 188 932 1934"-----	932. 317
Reference mark, 400 ft. SW. of tablet, on SE. side of improved highway, at S. corner of concrete coping of bridge over Valley Brook; chiseled square-----	889. 45
West Granville, 1.0 mi. E. of, on N. side of Liberty Hill, 30 ft. S. of junction of T-rd. N., in root on N. side of 28-in. maple tree; copper nail and washer-----	1, 311. 39
West Granville, 50 ft. E. and 50 ft. S. of crossroads (N. side marked "Blandford 8 miles", S. side marked "Hartland 6 miles"), at NW. corner of lawn, in root on SE. side of 20-in. maple tree; rail spike----	1, 180. 78
West Granville, 0.8 mi. W. of, in NE. angle of crossroads, 60 ft. E. and 30 ft. N. of intersection, in meadow, 9 ft. N. of stone fence, in top of boulder; standard tablet stamped "C 189 1326 1934"-----	1, 325. 784
Reference mark, 120 ft. S. and 50 ft. W. of tablet, on E. side of dirt rd. S. to Granville State Forest, in top of large boulder; chiseled circle-----	1, 326. 89
West Granville, 1.4 mi. W. of, 2.0 mi. E. of Tolland school, at SW. corner of concrete bridge over Hubbard Brook, on shelf on top of wing wall; chiseled square-----	1, 113. 40

Tolland School, 1.1 mi. E. of, 25 ft. N. of highway, 65 ft. SW. of 2-story abandoned farmhouse, 20 ft. E. of barway, in root on SW. side of 30-in. maple tree; rail spike.....	Feet 1, 273. 63
Tolland School, 1.6 mi. by rd. SE. of, 75 ft. S. and 40 ft. E. of cross-roads, 11 ft. SE. of signpost bearing inscription "Tolland State Forest", on S. side of and about 8 in. below top of triangular boulder; chiseled circle.....	1, 427. 94
Tolland School, 2.3 mi. SE. of, 25 ft. S. and 25 ft. W. of junction of T-rd. W., in root on E. side of 14-in. maple tree; rail spike.....	1, 340. 87
Tolland School, 3.3 mi. SE. of, 1.9 mi. N. of Pinehurst Club (Conn.), 40 ft. N. of Mass.-Conn. State line, 80 ft. W. of center of old rd., 100 ft. NW. of granite stone bound, in center of top of 8- by-4 ft. boulder; standard tablet stamped "C 191 1308 1934".....	1, 308. 21
Reference mark, 40 ft. N. of tablet, on top of large boulder; chiseled square.....	1, 307. 97

From West Granville south along road to Massachusetts-Connecticut State line (by R. G. Clinite in 1934)

West Granville, 1.2 mi. S. of, 27 ft. E. of center of rd., opposite 1½-story unpainted house, in base on W. side of 20-in. double maple tree; rail spike.....	950. 55
West Granville, 2.2 mi. S. of, on W. side of rd., in root on S. side of 22-in. maple tree; copper nail and washer.....	822. 82
West Granville, 2.9 mi. S. of, at Mass.-Conn. State line, 15 ft. W. of rd. and about 6 ft. below rd. level, about 14 ft. above level of Hubbard Brook, on chiseled shelf on sloping ledge; highest point in chiseled circle.....	605. 41

From Granville southwest along road to Massachusetts-Connecticut State line (by R. G. Clinite in 1934)

Granville, 1.0 mi. SW. of, 70 ft. N. and 20 ft. E. of junction of discontinued rd. N. to Granville Center, in root on E. side of 30-in. maple tree; copper nail and washer.....	784. 91
Granville Center, 2.0 mi. S. of, 30 ft. S. and 40 ft. E. of forks at T-rd. N., in root on N. side of 17-in. elm tree; copper nail and washer....	930. 23
Granville Center, 2.3 mi. SE. of, 45 ft. along rd. NW. of Mass.-Conn. State-line post, 18 ft. NE. of center line of rd., 1 ft. SW. of stone wall, on top of large boulder; standard tablet stamped "C 193 840 1934".....	840. 484
Reference mark, 27 ft. S. and 20 ft. E. of tablet, 3 ft. W. of State-line post, on top of boulder; chiseled square.....	834. 38

From Liberty Hill (1 mile east of West Granville) north along road 3 miles, thence east and southeast along road skirting south side of Cobble Mountain Reservoir to road forks 3 miles (air line) north of Granville (by E. M. Wheeler in 1934)

West Granville, 1.9 mi. by rd. NE. of, in NW. angle of junction of route rd. with farm drive, 20 ft. W. of center line of rd., on top of ledge; chiseled square.....	1, 447. 23
West Granville, 3.0 mi. NE. of, 40 ft. N. of abandoned cellar hole, on W. side of rd., 15 ft. E. of center line of rd., on top of boulder; chiseled square.....	1, 327. 66

West Granville, 4.1 mi. by rd. NE. of, in NE. angle of intersection of N.-S. and E.-W. rds., 45 ft. E. of intersection, 20 ft. N. of center line of E.-W. rd., on top of boulder flush with ground; standard tablet stamped "C 183 1934 1213"-----	<i>Feet</i> 1, 212. 538
Reference mark, 10 ft. N. and 20 ft. W. of tablet, 20 ft. E. of cross-roads, 20 ft. N. of center line of E.-W. rd., in stone wall, on top of boulder; chiseled square-----	1, 214. 03
West Granville, 4.9 mi. by rd. NE. of, 4.9 mi. by rd. NW. of Granville Center, 0.8 mi. E. of intersection of route rd. with rd. N., 15 ft. S. of center line of E.-W. rd., on top of boulder; chiseled square-----	1, 226. 74
Granville Center, 3.9 mi. by rd. NW. of, 70 ft. N. of junction of route rd. with rd. S., 15 ft. E. of center line of rd., in root on E. side of 24-in. maple tree; rail spike-----	1, 014. 60
Granville Center, 4.8 mi. by rd. N. of, 5.6 mi. by direct rd. N. of Granville, in NE. angle of junction of E.-W. rd. with T-rd. S., 35 ft. E. of junction, 40 ft. N. of center line of rd., on top of ledge; chiseled square-----	967. 15
Granville, 4.6 mi. by direct rd. NW. of, 0.4 mi. W. of junction of rd. S. at Cobble Mountain Reservoir surge tank, 10 ft. N. of center line of rd., on top of boulder; chiseled square-----	900. 34
Granville, 3.7 mi. by rd. N. of, 3.2 mi. by rd. W. of Mundale, at junction of three rds., on top of large, flat boulder; standard tablet stamped "C 179 1934 809"-----	809. 532

From road forks 1.2 miles east of Mundale southwest along Loomis Street to point near Hilltop Trail Golf Course, thence south and southeast along roads to point in Feeding Hills quadrangle near Congamond Lakes, thence northwest to Southwick (by E. M. Wheeler in 1934)

[Line jogs into Connecticut and into Feeding Hills quadrangle]

Mundale, 2.2 mi. by rd. SE. of, on NE. corner of E. abutment of concrete bridge over Munn Brook; chiseled square-----	211. 50
Mundale, 2.6 mi. by direct rd. SE. of, 4.2 mi. by rd. NE. of Granville, 4.3 mi. by rd. NW. of Southwick, on top of SW. corner of W. concrete abutment of bridge over Munn Brook; chiseled square ---	221. 99
Southwick, 3.2 mi. by rd. W. of, in NE. angle of junction of route rd. with rd. NE., 35 ft. N. of junction, 25 ft. E. of center line of rd., on SW. side of 36-in. elm tree; copper nail and washer-----	301. 17
Southwick, 3.1 mi. by direct rd. SW. of, 2.7 mi. by direct rd. SE. of Granville, in SE. angle of intersection of N.-S. and NW.-SE. rds., 55 ft. E. of intersection, 15 ft. S. of center line of rd., in base on NW. side of 12-in. maple tree; rail spike-----	383. 13
Southwick, 3.6 mi. by direct rd. SW. of, 3.6 mi. by direct rd. SE. of Granville, opposite and NE. of Mass.-Conn. State-line corner stone bound; center line of rd-----	473
Southwick, 3.3 mi. by direct rd. SW. of, 3.9 mi. by direct rd. SE. of Granville, 0.4 mi. NW. of junction NW.-SE. rd. and rd. S., 0.3 mi. SE. of Mass.-Conn. State-line corner stone bound, 210 ft. NW. of farmhouse of Vining Hill Orchard nursery, on top of ledge; standard tablet stamped "C 184 458 1934"-----	458. 260
Reference mark, 30 ft. N. and 30 ft. E. of tablet, 25 ft. NE. of center line of rd., in root on S. side of triple maple tree; copper nail and washer-----	458. 59

Southwick, 3.6 mi. by direct rd. SW. of, 4.9 mi. by direct rd. SE. of Granville, 0.7 mi. N. of junction of N.-S. rd. with rd. E., 15 ft. E. of center line of rd., in root on W. side of 30-in. juniper tree; rail spike...	<i>Feet</i> 380. 46
Southwick, 3.6 mi. by direct rd. SW. of, about 6.2 mi. by direct rd. SE. of Granville, in NW. angle of junction of State Highway 10 with T-rd. W., 20 ft. N. of junction, 35 ft. W. of center line of highway (N.-S. rd.), in root on SE. side of 30-in. chestnut tree; copper nail and washer	260. 36
Southwick, 2.5 mi. by rd. SW. of, in S. angle of intersection of State Highway 10 and NW.-SE. rd., 100 ft. SE. of intersection, 90 ft. SW. of center line of rd., on top of W. end of head wall of concrete culvert; chiseled square.....	273. 27
Southwick, 3.5 mi. by direct rd. SE. of, on shore at NE. corner of S. one of the Congamond Lakes; 35 ft. S. of center line of rd., in root on NW. side of 36-in. maple tree; copper nail and washer.....	227. 00
Southwick, 1.8 mi. by direct rd. SE. of, 20 ft. E. of center line of rd., on top of Mass.-Conn. State-line stone bound; drill hole	264. 57
Southwick, 0.8 mi. by direct rd. SE. of, at SW. corner of New York, New Haven & Hartford R. R. bridge, on top of granite abutment stone; chiseled square.....	274. 10

From Sandisfield quadrangle near Barnes Mountain northeast and east along roads to crossroads 0.5 mile southeast of Borden Brook Reservoir (by E. M. Wheeler in 1934)

West Granville, 3.9 mi. by direct rd. NW. of, in SW. angle of junction of NE.-SW. rd. with rd. W., 60 ft. NW. of junction, at SW. edge of rd., on top of boulder; standard tablet stamped "C 185 1934 1398"	1, 397. 674
Reference mark, 20 ft. S. and 50 ft. E. of tablet, 10 ft. E. of center line of rd. N., on top of boulder; chiseled square.....	1, 397. 12
West Granville, 3.4 mi. by direct rd. NW. of, 175 ft. E. of Granville-Tolland town line, in NW. angle of junction of route rd. with driveway S., at edge of rd., on boulder; chiseled square.....	1, 392. 03
West Granville, 3.6 mi. by direct rd. NW. of, 0.2 mi. N. of junction of route rd. with rd. S. to abandoned farm, on SW. edge of rd., on top of ledge across rd.; chiseled square.....	1, 384. 50
West Granville, 4.0 mi. by direct rd. NW. of, about 0.6 mi. by rd. W. of Borden Brook Reservoir, in NE. angle of junction of route rd. with rd. N., 35 ft. E. of junction, 25 ft. N. of center line of rd., in root on SW. side of 36-in. maple tree; copper nail and washer.....	1, 262. 74
West Granville, 4.2 mi. by direct rd. N. of, at concrete bridge over SE. tributary entering Borden Brook Reservoir, on top of N. corner of E. abutment; chiseled square.....	1, 080. 27
West Granville, 4.4 mi. by direct rd. NE. of, about 0.1 mi. N. of SE. corner of Borden Brook Reservoir, in NE. angle of junction of route rd. with rd. N., in root on SE. side of 40-in. maple tree; wire nail.....	1, 091. 63

From road forks 0.8 mile (air line) northwest of Birch Hill northwest along road to Blandford, thence south and southwest to road forks at southeast corner of Borden Brook Reservoir (by E. M. Wheeler in 1934)

Blandford, 0.8 mi. by rd. SE. of junction of two rds. to NW., in W. angle of junction of route rd. with rd. S., 50 ft. NW. of junction, 20 ft. SW. of center line of rd., in root on S. side of 14-in. locust tree; copper nail and washer.....	1, 298. 86
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Blandford, in SW. corner of grass triangle at junction of two rds. to NW., opposite junction of E.-W. rd. with rd. S., 40 ft. N. of center line of rd., on top of ledge flush with ground; chiseled square-----	Feet 1, 451. 57
Blandford, 1.1 mi. by rd. S. of, in SW. angle of junction of N.-S. rd. with rd. W., 85 ft. W. of junction, 10 ft. S. of center line of rd., in root on N. side of 26-in. pine tree; rail spike-----	1, 242. 59
Blandford, 2.0 mi. by rd. SW. of, 0.2 mi. W. of junction of route rd. with rd. N., about 250 ft. W. of W. edge of Cobble Mountain Reservoir, near Pebble Brook inlet, 10 ft. S. of center line of rd., in root on N. side of 48-in. pine tree; rail spike-----	973. 55
Blandford, 3.4 mi. by rd. SW. of, in NW. angle of junction of route rd. with rd. SW., 100 ft. N. of junction, 10 ft. W. of center line of rd., on ledge; chiseled square-----	1, 276. 19
Blandford, 4.3 mi. by rd. SW. of, opposite junction of rd. from NW. with rd. E., at site of former bridge over Borden Brook, 20 ft. SE. of center line of rd. SW., on top of ledge; chiseled square-----	988. 67
Blandford, 4.6 mi. by rd. SW. of, about 0.1 mi. E. of Borden Brook Reservoir, 380 ft. W. of Granville-Blandford town line; SE. corner of concrete bridge (1909) over spillway of reservoir dam-----	1, 078. 62

From Blandford west along road to road forks 1.2 miles west of Blair Pond, thence south to road forks 0.5 mile (air line) south of Barnes Mountain (by E. M. Wheeler in 1934)

[Line jogs into Sandisfield quadrangle]

Blandford, 1.3 mi. W. of, at bridge over Pebble Brook, on N. end of W. abutment; chiseled square-----	1, 005. 08
Blandford, 2.2 mi. W. of, 3.7 mi. E. of East Otis, in NE. angle of junction of route rd. with rd. N., 60 ft. E. of junction, 50 ft. N. of center line of rd., on top of boulder; standard tablet stamped "C 195 1934 1308"-----	1, 307. 935
Reference mark, 60 ft. S. and 70 ft. W. of tablet, opposite rd. junction, 20 ft. S. of center line of rd., in root on N. side of 30-in. pine tree; rail spike-----	1, 299. 75
East Otis, 2.7 mi. E. of, 3.2 mi. W. of Blandford, in W. angle of junction of route rd. with woods rd. NW., 55 ft. W. of junction, 15 ft. N. of center line of rd., in root on S. side of 12-in. hemlock tree; copper nail and washer-----	1, 295. 04
East Otis, about 2.1 mi. E. of, 3.9 mi. W. of Blandford, in SE. angle of junction of E.-W. rd. with rd. S., 40 ft. E. of junction, 20 ft. S. of center line of rd., on top of boulder in wall; chiseled square-----	1, 546. 59
East Otis, 2.4 mi. by direct rd. SE. of, 0.3 mi. S. of junction of East Otis-Blandford (E.-W.) rd. with rd. S. (route), at S. end of crest of hill, 8 ft. E. of center line of rd., on top of ledge flush with ground; chiseled square-----	1, 520. 70
East Otis, 2.4 mi. by direct rd. SE. of, in SW. angle of intersection of N.-S. (route) rd. and NW.-SE. rd., 15 ft. NW. of intersection, 25 ft. SW. of center line of NW.-SW. rd., on top of boulder; standard tablet stamped "C 194 1934 1468"-----	1, 467. 916
Reference mark, 55 ft. N. and 45 ft. E. of tablet, 50 ft. NE. of cross-roads, 10 ft. SE. of center line of rd., on top of boulder; chiseled square-----	1, 459. 04

East Otis, 3.2 mi. along rd. to West Granville SE. of, about 5.6 mi. by rd. NW. of West Granville, 0.3 mi. S. of Blandford-Tolland town line, 50 ft. S. of cellar hole of abandoned farm, 15 ft. E. of center line of rd., in root on N. side of 24-in. maple tree; copper nail and washer----- *Feet* 1, 470. 28

From Blandford along road northwest to Dug Hill, thence northeast to road forks 0.3 mile southwest of Hampshire-Hampden county line, thence southeast along road east of Black Brook to Russell (by E. M. Wheeler in 1934)

Blandford, about 1 mi. along rd. to Dug Hill NW. of, on W. edge of traveled way, on top of SW. end of ledge; chiseled square----- 1, 511. 19
 Blandford, 1.7 mi. NW. of, opposite junction of NW.-SE. rd. with rd. NE.; 15 ft. NE. of NE. corner of house known as "The Ledges", 45 ft. W. of center line of rd.; standard tablet stamped "C 197 1538 1934"----- 1, 537. 836
 Reference mark, 80 ft. E. of tablet, in SE. angle of rd. junction, in root on E. side of 30-in. maple tree; copper nail and washer----- 1, 540. 59
 Blandford, 2.7 mi. by route rd. NE. of, 3.4 mi. by rd. SW. of Huntington, 0.1 mi. E. of junction of route rd. with rd. NW., 60 ft. W. of abandoned house, 30 ft. S. of center line of rd., in root on NE. side of 30-in. maple tree; copper nail and washer----- 1, 406. 29
 Huntington, 2.5 mi. by rd. SW. of, 0.5 mi. NE. of Cochran Pond, 20 ft. N. of center line of rd., 10 ft. from SE. corner of cellar hole, in root on SW. side of 30-in. maple tree; copper nail and washer-- 1, 197. 41
 Huntington, 1.4 mi. by rd. SW. of, 3.9 mi. by rd. NW. of R. R. sta. at Russell, 260 ft. W. of junction of NE.-SW. rd. (from Huntington) with rd. SE.(to Russell), 60 ft. S. of center line of rd., on ledge; standard tablet stamped "C 196 1029 1934"----- 1, 028. 895
 Reference mark, 50 ft. N. and 250 ft. E. of tablet, in E. angle of rd. junction, in root on NW. side of 36-in. maple tree; copper nail and washer----- 1, 035. 75
 Russell, 2.5 mi. NW. of sta., opposite cellar hole E. of rd., on W. edge of rd., in root on N. side of 30-in. maple tree; copper nail and washer----- 978. 06
 Russell, 2.1 mi. NW. of sta., at crossing of Blandford-Russell town line; center line of rd.----- 850. 6
 Russell, 1.7 mi. NW. of sta. at, 0.3 mi. NW. of junction of route rd. with rd. W., on E. edge of rd., on top of ledge; chiseled square---- 760. 99

From road forks near Dug Hill northwest along road 2.6 miles, thence southwest to road forks at North Blandford, thence west into Sandisfield quadrangle (by E. M. Wheeler in 1934)

Blandford, about 3 mi. by route rd. NW. of, 0.6 mi. SE. of junction of route rd. with rd. N., 20 ft. NE. of center line of rd., in root on S. side of 22-in. maple tree; copper nail and washer----- 1, 483. 57
 North Blandford, 1.4 mi. NE. of, in SE. angle of junction of rd. from Chester and Becket Center with rd. SW., 60 ft. SE. of junction, 25 ft. SW. of center line of rd., in root on W. side of 20-in. maple tree; copper nail and washer----- 1, 464. 89
 North Blandford, in SW. angle of junction of North Blandford-West Becket rd. with T-rd. S., 40 ft. NW. of junction, 35 ft. SW. of center line of rd., 125 ft. SE. of bridge over outlet of North Meadow Pond, on top of boulder; standard tablet stamped "C 198 1170 1934"--- 1, 169. 974

Reference mark, 10 ft. N. and 110 ft. E. of tablet, 100 ft. SE. of rd. junction, 30 ft. NE. of center line of rd., on top of boulder flush with ground; chiseled square.....	Feet 1, 173. 75
North Blandford, 0.8 mi. along rd. to West Becket W. of, 20 ft. N. of center line of rd., in root on S. side of 16-in. elm tree; wire nail and copper washer.....	1, 248. 77

From road forks 1.4 miles northeast of North Blandford northwest along road into Chesterfield quadrangle (by E. M. Wheeler in 1934; leveled twice)

North Blandford, 2.3 mi. by rd. NW. of, about 4.4 mi. by rd. S. of R. R. sta. at Chester, 200 ft. S. of white farmhouse, on E. side of rd., 25 ft. E. of center line of rd., on ledge flush with ground; chiseled square.....	1, 500. 19
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From Boston & Albany Railroad bridge 110.23 (2.7 miles southeast of Woronoco) northeast along valley road by way of West Farms to Russellville (by E. M. Wheeler in 1934)

U. S. C. & G. S. B. M. designated "H 6 1933".....	163. 809
Russellville, about 4.0 mi. SW. of, 4.1 mi. SE. of post office at Montgomery, in E. angle of junction of Montgomery and Russellville rds. 30 ft. S. of junction, 15 ft. E. of center line of rd., in root on NW. side of 24-in. maple tree; copper nail and washer.....	278. 89
Russellville, 2.9 mi. by rd. SW. of, 0.3 mi. SW. of junction of rd. to Russellville with rd. SE. to Westfield, 30 ft. SE. of center line of rd., on top of boulder; chiseled square.....	422. 41
Russellville, 1.7 mi. SW. of, 2.5 mi. by direct rd. SE. of Montgomery, in NW. angle of junction of route rd. with rd. NW. to Montgomery, 30 ft. S. of white picket fence, on top of boulder flush with ground; chiseled square.....	410. 69
Russellville, at junction of E.-W. rd. with rd. SE. near Hampden-Hampshire County line, in root on N. side of 36-in. maple tree; copper nail and washer.....	262. 55

From road forks 2.3 miles southwest of West Farms along road northwest by way of Montgomery to Huntington (by E. M. Wheeler in 1934)

Montgomery, about 3.8 mi. by route rd. S. of post office, 250 ft. S. of E. corner of lower Westfield reservoir dam across Moose Meadow Brook, 220 ft. NW. of Westfield-Montgomery town-line bound stone, 60 ft. NE. of center line of rd., on top of ledge flush with ground; standard tablet stamped "C 175 1934 423".....	423. 284
Reference mark, 400 ft. S. and 250 ft. W. of tablet, in N. angle of junction of Pitcher Street with E.-W. rd., 20 ft. NW. of junction, 10 ft. NE. of center line of rd., in root on N. side of 18-in. maple tree; copper nail and washer.....	421. 89
Montgomery post office, about 3.1 mi. S. of, at crossing of Montgomery-Westfield town line, 30 ft. E. of center line of rd.; S. corner of top of bound stone.....	589. 31
Montgomery post office, 2.4 mi. S. of, at W. edge of traveled way, at base of 30-in. pine tree on ledge; chiseled square.....	911. 34
Montgomery post office, about 1.4 mi. S. of, 0.7 mi. S. of junction of Pitcher Street with rd. W., 0.3 mi. S. of junction with rd. E., 15 ft. W. of center line of rd., in root on SE. side of 48-in. elm tree; copper nail and washer.....	1, 041. 76

Montgomery, 100 ft. N. of N. corner of post office, in W. angle of junction of Pitcher Street with rd. W., 125 ft. NW. of junction, 60 ft. SW. of center line of rd., on ledge; standard tablet stamped "C 176 1934 1049"-----	<i>Feet</i> 1, 049. 195
Reference mark, 200 ft. N. and 70 ft. W. of tablet, in NW. angle of junction of route rd. with rd. SW., 100 ft. NW. of junction, 20 ft. SW. of center line of rd., on SE. corner of head wall of culvert; chiseled square-----	1, 058. 29
Montgomery post office, 0.9 mi. NW. of, in NW. angle of junction of route rd. with rd. W., 30 ft. NW. of junction, 20 ft. SW. of center line of rd.; on ledge; chiseled square-----	1, 080. 55
Montgomery post office, 1.7 mi. NW. of, in N. angle of junction of route rd. with rd. NE., 30 ft. N. of junction, 15 ft. E. of center line of rd., on top of boulder flush with ground; chiseled square-----	1, 182. 37
Montgomery post office, 2.9 mi. NW. of, 3.3 mi. by rd. E. of R. R. sta. at Huntington, in SE. angle of junction of route rd. with rd. NE., 30 ft. S. of junction, 25 ft. E. of center line of rd., in root on W. side of 20-in. oak tree; copper nail and washer-----	803. 89
Huntington sta., 2.4 mi. by rd. E. of, 50 ft. N. of junction of route rd. with rd. SW., 10 ft. E. of center line of rd., on top of boulder; chiseled square-----	497. 17
Huntington sta., 2.2 mi. by rd. NE. of, at crossing of Huntington-Montgomery town line; center line of rd.-----	487
Mass. Dept. Public Works B. M. designated "A 23"-----	406. 412
Huntington sta., about 1.1 mi. N. of, 0.3 mi. S. of Norwich Bridge over Westfield River, 25 ft. E. of center line of rd., on top of boulder; standard tablet stamped "C 181 1934 392"-----	392. 256
Reference mark, 130 ft. S. and 80 ft. W. of tablet, at concrete bridge over brook, on top of E. end of retaining wall; chiseled square-----	390. 49
Mass. Dept. Public Works B. M. designated "G 22"-----	378. 592
From road forks 1.0 mile (air line) west of Bungy Hill northeast along road across Tucker Brook to road forks 1.2 miles northeast of Hampshire-Hampden county line, thence southeast to road forks 1 mile (air line) northeast of Wolf Hill (by E. M. Wheeler in 1934)	
Montgomery post office, 2.6 mi. by route rd. NW. of, in NE. angle of junction of route rd. with abandoned rd. E., 30 ft. N. of junction, 15 ft. E. of center line of rd., on top of ledge; chiseled square-----	1, 123. 44
Montgomery post office, 3.6 mi. by rd. N. of, at crossing of Hampshire-Hampden county line, 6 ft. NE. of bound stone, on N. side of rd., on top of boulder; chiseled square-----	800. 11
Montgomery post office, 3.9 mi. by rd. N. of, about 5.6 mi. by rd. NW. of Southampton, 0.4 mi. NE. of Huntington-Southampton-Montgomery stone bound, 90 ft. SE. of bridge over brook from N., 15 ft. E. of center line of rd., on top of boulder; standard tablet stamped "C 180 1934 627"-----	627. 341
Reference mark, 15 ft. S. and 25 ft. W. of tablet, 15 ft. W. of center line of rd., in root on NW. side of 12-in. ash tree; copper nail and washer-----	623. 94
Montgomery post office, 4.6 mi. by rd. N. of, 4.8 mi. by rd. NW. of Southampton, in NW. angle of junction of route rd. with rd. NW. (to Norwich and Westhampton), 70 ft. W. of junction, 20 ft. N. of center line of rd., in root on N. side of 24-in. maple tree; copper nail and washer-----	670. 11

Southampton, 3.9 mi. by rd. NW. of, 3.1 mi. by direct rd. NW. of Russellville, in triangle at junction of route rd. with rd. SW., 90 ft. W. of bridge over brook, on top of boulder; chiseled square-----	<i>Feet</i> 478. 14
Southampton, 3.5 mi. NW. of, 2.8 mi. by direct rd. NW. of Russellville, in W. angle of junction of route rd. with rd. SE. and S. to Russellville, 15 ft. SW. of junction, 15 ft. NW. of center line of rd., on top of boulder; chiseled square-----	697. 67
Southampton, 2.1 mi. NW. of, 3.1 mi. by rd. N. of Russellville, in N. angle of junction of rd. from W. with rd. SE. (Westhampton-Russellville, Southampton rd.) in root on SW. side of 20-in. oak tree; copper nail and washer-----	682. 35
From Mount Tom quadrangle near Hampshire-Hampden county line west along road to Russellville, thence northeast along road 2.6 miles and back into Mount Tom quadrangle (by E. M. Titus in 1933)	
Russellville, at junction of E.-W. rd. with T-rd. N., 320 ft. E. of Mahan Bridge, on S. side of rd., in root of 36-in. maple tree; copper nail and washer-----	262. 55
Russellville, 1.3 mi. NE. of, 100 ft. N. of T-rd. W., on W. side of rd., in root on E. side of 30-in. maple tree; copper nail and washer----	400. 85
Russellville, 1.9 mi. NE. of, in SE. angle of cross-roads, 30 ft. E. of rd., 10 ft. SE. of 18-in. oak tree, in top of large boulder; standard tablet stamped "C 59 1933 363"-----	363. 189
Reference mark, 200 ft. N. and 60 ft. W. of tablet, 160 ft. N. of crossroads, on W. side of rd., in root on W. side of 14-in. oak tree; copper nail and washer-----	364. 78
Russellville, 2.6 mi. NE. of, at junction of N.-S. rd. with rd. E. to Southampton, 20 ft. W. of rd., on large boulder; chiseled square--	510. 06
From Russell southwest along road to road forks 0.8 mile (air line) northwest of Birch Hill, thence southeast and south along winding road to Mundale (by E. M. Titus in 1934)	
U. S. C. & G. S. B. M. designated "M 6 1933"-----	279. 921
Mass. Dept. Public Works T. B. M. designated "No. 282"-----	280. 528
Russell sta., 0.9 mi. SW. of; in NW. angle of junction of route rd. with rd. NW., 45 ft. N. of center line of rd., on top of boulder; chiseled square-----	351. 62
Russell sta., 1.9 mi. SW. of, at crest of rd. over Punch Bowl Hill, 10 ft. NW. of center line of rd., in trunk on E. side of 10-in. maple tree; rail spike-----	873. 03
Russell sta., 2.7 mi. SW. of, at junction of route rd. with dirt rd. N., 20 ft. S. of center line of rd., in root on N. side of 12-in. twin maple tree; copper nail and washer-----	783. 59
Blandford, 2.1 mi. by route rd. SE. of, 3.7 mi. SW. of Russell sta., on N. side of rd., at bridge over Potash Brook, on S. end of NW. wing wall; chiseled square-----	967. 63
Blandford, 1.6 mi. SE. of, 4.2 mi. SW. of Russell sta., 60 ft. NW. of junction of Blandford-Woronoco rd. with rd. S. to Cobble Mountain Reservoir, 30 ft. N. of center line of rd., on top of ledge; standard tablet stamped "C 182 1934 1,056"-----	1,056. 160
Reference mark, 120 ft. S. and 20 ft. E. of tablet, in SW. angle of junction, 20 ft. W. of center line of rd. to Cobble Mountain Reservoir, on top of concrete head wall at culvert; chiseled square-----	1,046. 90

Blandford, 2.6 mi. by route rd. SE. of, at junction of Birch Hill rd. and abandoned rd. SE., about 0.3 mi. W. of Blandford-Russell town line, 15 ft. S. of center line of Birch Hill rd., 3 ft. SE. of 8-in. birch tree, on boulder; chiseled square.....	<i>Fect</i> 1, 271. 93
Blandford, 3.0 mi. SE. of, 3.7 mi. by direct rd. SW. of Russell, 540 ft. E. of Russell-Blandford town line, at junction of N.-S. dirt rd. with rd. from W., 40 ft. N. and 15 ft. W. of junction, in root on E. side of 2-in. ash tree; copper nail and washer.....	1, 132. 74
Blandford, 3.9 mi. by direct rd. SW. of, 4.6 mi. SW. of Russell, at bend in rd. to SE., 10 ft. E. of center line of rd., in root on E. side of 40-in. maple tree; copper nail and washer.....	1, 254. 59
Mundale, 6.3 mi. by route rd. NW. of, 4.8 mi. by direct rd. SE. of Blandford, 25 ft. N. of South Quarter Road, 15 ft. SE. of SE. corner of lone 2-story farmhouse, on crest of hill, in root on SW. side of 14-in. maple tree; copper nail and washer.....	1, 170. 82
Mundale, 5.3 mi. by rd. NW. of, 5.8 mi. by direct rd. SE. of Blandford, 150 ft. N. of large old barn, 20 ft. W. of center line of rd., in root on E. side of 14-in. maple tree; copper nail and washer.....	1, 014. 73
Mundale, 4.4 mi. NW. of, 3.5 mi. by direct rd. S. of Russell, 40 ft. S. and 40 ft. W. of N. angle of triangle at junction of South Quarter and Dry Bridge rds., 25 ft. W. of center line of South Quarter Road, on top of large boulder; standard tablet stamped "C 177 1934 890".....	890. 058
Reference mark, 30 ft. S. and 40 ft. E. of tablet, in center of triangle at junction, 30 ft. E. of center line of South Quarter Road, in root on NW. side of 10-in. maple tree; copper nail and washer.....	893. 89
Mundale, 3.3 mi. by rd. NW. of, 5.2 mi. by direct rd. NW. of Westfield, 1.1 mi. by rd. SE. of junction of South Quarter and Dry Bridge Roads, 15 ft. E. of center line of Dry Bridge Road, on ledge; chiseled square.....	787. 15
Mundale, 2.4 mi. NW. of, about 4.3 mi. NW. of Westfield, 0.1 mi. NW. of Russell-Westfield town line, on NE. side of rd., on top of head wall of culvert; chiseled square.....	407. 24
Mundale, 1.4 mi. NW. of, at steel bridge over Westfield Little River, on SW. corner of S. end of bridge, on top of bridge seat; chiseled square.....	236. 43
Mundale, 1,200 ft. W. of junction of Woronoco-Mundale rd. (from NW.) and Mundale-Westfield (E.-W.) rd., 200 ft. SW. of lone 2½-story white house, 150 ft. S. of center line of Mundale-Westfield rd., on top of large ledge outcrop; standard tablet stamped "C 178 1934 357".....	357. 550
Reference mark, 70 ft. N. and 160 ft. E. of tablet, 20 ft. SW. of Mundale-Westfield rd.; SW. corner of Springfield Waterworks granite bound.....	350. 94

From Westfield west along road through Mundale to road forks near Sweetman Mountain, thence southwest and south to Granville Center (by E. M. Titus in 1934)

Westfield, 1.1 mi. W. of post office, 2.7 mi. E. of rd. junction at Mundale, 70 ft. SW. of junction of Western Avenue and Granville rd., on S. line of Granville rd.; NW. corner of top of stone bound.....	<i>Feet</i> 232. 03
Mundale, 1.7 mi. E. of rd. junction, 500 ft. SW. of Stevens paper mill, 50 ft. SW. of SW. corner of concrete bridge over Westfield Little River, on top of concrete head wall of culvert; chiseled square.....	197. 84
Mundale, 1.1 mi. E. of, in SW. angle of junction of Loomis Street and Mundale rd., on top of boulder; painted circle.....	198. 28
Mundale, 0.7 mi. by rd. E., at junction of Mundale-Westfield rd. and rd. SE., 35 ft. W. of SW. corner of cemetery, 20 ft. N. of center line of Mundale-Westfield rd., in trunk on N. side of 18-in. pine tree; rail spike.....	255. 86
Mundale, 1.2 mi. W. of, at brook at W. entrance to West Parish filters of Springfield Waterworks, on SE. corner of S. end of culvert slab; chiseled square.....	496. 30
Mundale, 2.3 mi. SW. of, 0.7 mi. by rd. SW. of Granville-Westfield town line, 25 ft. NW. of brook, 20 ft. N. of center line of rd., in root on S. side of 8-in. twin birch tree; copper nail and washer....	641. 87
Mundale, 3.5 mi. by route rd. SW. of, 4.4 mi. N. of Granville Center post office, 95 ft. N. and 65 ft. W. of junction of three rds., 50 ft. NE. of brook crossing, on top of large flat boulder; standard tablet stamped "C 179 809 1934".....	809. 532
Reference mark, 20 ft. S. and 180 ft. W. of tablet, 15 ft. S. of rd. W., in root on SW. side of 16-in. maple tree; copper nail and washer...	803. 90
Granville Center post office, 3.5 mi. NW. of, 50 ft. N. of junction of Mundale-West Granville rd. with rd. SE. to Granville Center, 5 ft. S. of center line of brook, on S. side of trunk of 6-in. maple tree; rail spike.....	1, 080. 22
Granville Center post office, 3.0 mi. N. of, 50 ft. W. of junction of E.-W. dirt rd. and T.-rd. N., 10 ft. S. of rd., on highest point of large boulder; chiseled square.....	976. 24
Granville Center post office, 1.4 mi. NW. of, 70 ft. N. and 45 ft. E. of intersection of N.-S. (dirt) and NE.-SW. rd., 35 ft. E. of center line of rd., on high point of large boulder; chiseled square.....	1, 155. 25

GREENFIELD QUADRANGLE

[Latitude 42°30'-42°45'; longitude 72°30'-72°45']

FRANKLIN COUNTY

From Northampton quadrangle near Mill River northwest along State Highway 116 to point 2 miles west of Burkville, thence south along road and back into Northampton quadrangle (by R. G. Clinite in 1933)

South Deerfield, 2.7 mi. NW. of Boston & Maine R. R. sta. at, 3.7 mi. SE. of Conway, 110 ft. N. of Highway 116, 190 ft. W. of forks of dirt rd. N., 100 ft. NW. of farmhouse, in ledge; standard tablet stamped "C 43 1933 341".....	<i>Feet</i> 341. 801
Reference mark, 165 ft. S. of tablet, on S. side of Highway 116, at W. end of E. section of bridge coping, NW. corner of top of coping---	334. 00

Conway, 2.9 mi. E. of, 60 ft. S. of concrete bridge, 40 ft. SW. of Highway 116, in base of 30-in. forked pine tree; rail spike.....	<i>Fect</i> 385. 92
Mass. Dept. Public Works B. M. designated "No. 7".....	583. 601
Mass. Dept. Public Works B. M. designated "No. 12".....	651. 694
Conway, at E. edge of village, 145 ft. SW. of entrance to Field Memorial Library, on E. side of Highway 116, 7.5 ft. S. of SW. end of stone retaining wall, in top of capstone; standard tablet stamped "C 44 1933 558".....	557. 721
Mass. Dept. Public Works B. M. designated "No. 14".....	549. 288
Mass. Dept. Public Works B. M. designated "No. 15".....	554. 197
Conway, in front of post office, on N. side of granite base of drinking fountain; keel mark.....	572. 82
Mass. Dept. Public Works B. M. designated "No. 17".....	625. 064
Mass. Dept. Public Works B. M. designated "No. 18".....	649. 886
Mass. Dept. Public Works B. M. designated "No. 22".....	668. 605
Mass. Dept. Public Works B. M. designated "No. 26".....	726. 993
Conway, 3.1 mi. W. of, 0.3 mi. E. of Conway-Ashfield town line, 40 ft. E. and 55 ft. S. of junction of dirt rd. S. and Highway 116, 25 ft. N. of N. bank of brook at base of highway fill, in concrete post; standard tablet stamped "C 45 1933 805".....	804. 915
Reference mark, 20 ft. N. and 5 ft. W. of tablet, in root of 24-in. oak tree; copper nail and washer.....	814. 02
Poland School, 1.0 mi. N. of, in triangle of rd. forks, in root of 26-in. maple tree; copper nail and washer.....	920. 43

From Northampton quadrangle at point 3.7 miles northeast of Sunderland northeast and southeast along roads around north side of Mount Tobey and back into Northampton quadrangle (by R. G. Clinite in 1933)

Montague, 2.6 mi. SW. of, 3.7 mi. NE. of Sunderland, 57 ft. NW. of center line of Highway 63, at height of land, 2 ft. E. of foot trail, 15 ft. SE. of SE. end of large overhanging ledge, in ledge at ground level; standard tablet stamped "C 32 1933 358".....	357. 792
Reference mark, 30 ft. SE. of tablet, 9 ft. SW. of oak tree, in ledge at ground level; chiseled circle.....	357. 79
Montague, 2.5 mi. along rd. SE. of, 1.1 mi. E. of above-described tablet, 0.2 mi. N. of Cranberry Pond, at grade crossing of Central Vermont Railway, 4 ft. W. of W. end of S. cattle-guard fence, 50 ft. W. of track, 6 ft. above rail, in root on S. side of 24-in. pine tree; top of rail spike with head broken off.....	375. 29

From Silver Street crossing, 1.3 miles north of Greenfield, along roads northwest, south, and southeast by way of East Shelburne, Shelburne Center, and Brimstone Hill to Boston & Maine Railroad Bridge over Ford Road (by E. M. Titus in 1933)

U. S. C. & G. S. B. M. designated "T 5".....	249. 327
Greenfield, 200 ft. N. and 400 ft. W. of North Parish school, 50 ft. E. of intersection of Conway and Silver Streets, in front of parish house, on N. side of Silver Street, on curb; chiseled square.....	218. 02
Greenfield, 1.0 mi. W. and 1.2 mi. N. of, 0.2 mi. W. of municipal bath-house, at junction of rd. from E. with N.-S. rd., 15 ft. S. of center line of rd., on SE. corner of concrete culvert; chiseled square.....	178. 55
Greenfield, 1.2 mi. W. and 2.3 mi. N. of, on bridge over Punch Brook, on S. end of W. truss; rivet head.....	195. 20

Greenfield Meadows District No. 3 schoolhouse, 0.8 mi. NE. of, 25 ft. E. of rd. junction, 25 ft. S. of 24-in. maple tree, on top of stone bound; chiseled square	<i>Feet</i> 269. 84
Greenfield Meadows District No. 3 schoolhouse, 400 ft. N. and W. of, 144 ft. W. of junction of route rd. with rd. NW., 18 ft. S. of center line of rd., in root on N. side of 36-in. maple tree; copper nail and washer	251. 13
Greenfield Meadows District No. 3 schoolhouse, 0.8 mi. N. of, at bridge over Hinsdale Brook, on end of SW. wing wall; chiseled square	353. 49
East Shelburne, 0.5 mi. E. of, 420 ft. S. of concrete bridge on E.-W. rd. over Fiske Brook, 250 ft. E. of N.-S. rd., 175 ft. SE. of 1½-story farmhouse, 15 ft. E. of center line of Fiske Brook, on top of rock ledge; standard tablet stamped "C 67 1933 584"	584. 258
Reference mark, 150 ft. S. and 255 ft. W. of tablet, 525 ft. S. of concrete bridge on E.-W. rd. over Fiske Brook, 250 ft. S. of 1½-story farmhouse, 100 ft. W. of center line of Fiske Brook, on W. side of rd., on S. end of concrete culvert; chiseled square	582. 85
East Shelburne, at junction of NW.-SE. rd. with T.-rd. E., on E. side of N.-S. rd., on top of SE. corner of concrete culvert end wall; chiseled square	697. 67
East Shelburne, 0.7 mi. NW. of, at junction of N.-S. rd. with T.-rd. SW., 30 ft. N. of 2½-story farmhouse, 40 ft. W. of main rd., 10 ft. W. of 12-in. maple tree, in root on N. side of 30-in. poplar tree; copper nail and washer	856. 44
East Shelburne, 1.2 mi. by route rd. W. of, 3.4 mi. N. of Shelburne Center schoolhouse, 15 ft. S. and 10 ft. W. of junction of route rd. with rd. NW., 40 ft. W. of center line of rd., on SW. corner of rock ledge; chiseled square	1, 053. 90
Shelburne Center schoolhouse, 3.2 mi. N. of, 90 ft. S. of junction of route rd. with T.-rd. W., 30 ft. W. of center line of rd., in root on W. side of 24-in. maple tree; top of R. R. spike, driven vertically	1, 136. 87
Shelburne Center schoolhouse, 1.9 mi. N. of, 15 ft. E. of center line of rd., 5 ft. S. of 8-in. birch tree, on rock ledge; chiseled square	1, 001. 13
Shelburne Center schoolhouse, 1.3 mi. N. of, 145 ft. N. of junction of route rd. with rd. NW., 30 ft. W. of center line of rd., on top of ledge; standard tablet stamped "C 68 1933 987"	987. 143
Reference mark, 80 ft. N. and 35 ft. E. of tablet, 15 ft. W. of center line of rd., in root on NW. side of 18-in. walnut tree; copper nail and washer	982. 14
Shelburne Center schoolhouse, 0.5 mi. N. of, at rd. fork NW., 50 ft. N. of junction, 15 ft. W. of center line of rd., in S. side of trunk of 18-in. apple tree; R. R. spike	779. 34
Shelburne Center schoolhouse, 0.2 mi. S. of, 25 ft. E. of junction of route rd. with Highway 2, 20 ft. W. of 2½-story house, in root on NW. side of 36-in. elm tree; copper nail and washer	542. 79
Shelburne Center schoolhouse, 0.4 mi. S. of, in triangle at intersection of N.-S. and E.-W. rds., 75 ft. N. of 2½-story red brick house, 25 ft. E. of center line of rd., in root on N. side of 40-in. elm tree; nail	488. 84

Shelburne Center schoolhouse, 0.6 mi. S., thence 0.9 mi. E. from, in triangle at intersection of route rd. with rd. N., 750 ft. W. of cemetery, 20 ft. N. of center line of rd., in root on SE. side of 24-in. elm tree; copper nail and washer-----	<i>Feet</i> 575. 95
Shelburne Center schoolhouse, 0.6 mi. S., thence 2.0 mi. E. from, in triangle at junction of route rd. with rd. S., 350 ft. SW. of 2½-story farmhouse, 35 ft. S. of center line of rd., E. of Brimstone Hill, in top of rock ledge; standard tablet stamped "C 69 1933 732"-----	731. 731
Reference mark, 10 ft. N. and 150 ft. E. of tablet, on S. side of rd., 15 ft. S. of center line of rd., in root 5 ft. N. of 30-in. maple tree; copper nail and washer-----	739. 48
Greenfield, 0.6 mi. S. and 2.2 mi. W. of, 800 ft. E. of Sheldegren Farm, 360 ft. W. of T-rd. SE., on N. side of rd., 10 ft. N. of center line of rd., in root on W. side of 24-in. beech tree; copper nail and washer--	759. 45
Greenfield, 1.4 mi. S. and 1.6 mi. W. of, 150 ft. S. of power-transmission line, 10 ft. E. of center line of rd., in root on W. side of 36-in. oak tree; copper nail and washer-----	486. 28
Greenfield, 1.2 mi. W. and 1.7 mi. S. of, in triangle at junction of North Wisdom Way and Albany Road, 50 ft. W. of center line of North Wisdom Way, in root on N. side of 20-in. elm tree; copper nail and washer-----	338. 88
Mass. Dept. Public Works T. B. M. designated "No. 500"-----	285. 569
From road forks 0.4 mile south of Shelburne Center along State Highway 2 (Mohawk Trail) northwest to Shelburne Falls, thence northeast along State Highway 58 to Colrain, thence southeast to East Shelburne (by E. M. Titus in 1933)	
Shelburne Center, 0.4 mi. S. and 0.6 mi. W. of, 2.7 mi. by rd. SE. of Shelburne Falls town hall, 30 ft. W. of bridge over Sluice Brook, 40 ft. N. of center line of Highway 2, in root on SW. side of 30-in. maple tree; copper nail and washer-----	540. 46
Shelburne Falls, 1.0 mi. E. and 1.1 mi. S. of, 300 ft. E. of concrete culvert over brook, 30 ft. N. of center line of Highway 2, in root on S. side of 30-in. oak tree; copper nail and washer-----	435. 54
Shelburne Falls, 0.5 mi. E. and 0.4 mi. S. of, 150 ft. E. of Maple Hearts Tea Room, 20 ft. S. of center line of rd., in root on NW. side of 30-in. oak tree; copper nail and washer-----	478. 06
Shelburne Falls town hall, on S. side of Bridge Street, 125 ft. W. of center line of Main Street, at town hall, 6 in. above sidewalk on granite sill on E. side of entrance; standard tablet stamped "C 70 1933 420"-----	420. 299
Mass. Dept. Public Works B. M. designated "AA 33"-----	425. 00
Shelburne Falls, 0.6 mi. N. of, at NE. corner of Main and Hope Streets, on SW. corner of granite curb of catch basin; chiseled square-----	435. 96
Shelburne Falls, 1.4 mi. N. of, 1.3 mi. by rd. SW. of Shattuckville, 700 ft. N. of power substation, 30 ft. E. of center line of rd., in root on SE. side of 20-in. poplar tree (northernmost of five); copper nail and washer-----	447. 02
Shattuckville, 0.5 mi. W. and 0.2 mi. S. of, at bridge over North River, on top of NW. stone abutment, at point 2 ft. N. of truss, chiseled square-----	459. 05
Shattuckville, 70 ft. E. of post office, 30 ft. S. of center line of Highway 56, on top of concrete retaining wall; standard tablet stamped "C 71 1933 482"-----	482. 159

Reference mark, 220 ft. E. of tablet, 150 ft. E. of post office, 100 ft. NE. of bridge over North River, 15 ft. N. of center line of rd., in root on S. side of 20-in. maple tree; copper nail and washer-----	<i>Feet</i> 481. 98
Griswoldville, 0.2 mi. S. of post office, 1.4 mi. N. of Shattuckville, 25 ft. S. and 40 ft. W. of junction of Highway 56 and rd. E., on SE. abutment of bridge over North River; chiseled square-----	503. 34
Griswoldville, 36 ft. E. and 50 ft. N. of post office, at bridge over canal, top stone of SW. abutment-----	518. 50
Lyonsville, at junction of State Highway 56 and T-rd. W., 480 ft. S. of post office, 65 ft. S. of T-rd. W., 30 ft. W. of center line of Highway 56, in root on E. side of 26-in. maple tree; copper nail and washer-----	539. 43
Colrain, on S. side of Main Street, at Griswold Memorial Library, at NE. corner of main entrance, on top of bottom step at point N. of W. end wall; standard tablet stamped "C 72 1933"-----	633. 022
Reference mark, 100 ft. W. and 110 ft. N. of tablet, 20 ft. N. of center line of Main Street, in root on S. side of 20-in. elm tree; copper nail and washer-----	624. 90
Colrain, 0.8 mi. SE. of, 440 ft. NE. of junction of route rd. with rd. N., 15 ft. S. of center line of rd., in root on S. side of 24-in. oak tree; copper nail and washer-----	936. 15
Colrain, 1.2 mi. SE. of, at junction of route rd. with T-rd. NE., 800 ft. N. of farmhouse, 15 ft. N. of center line of T-rd. NE., in root on SW. side of 14-in. cherry tree; copper nail and washer-----	1, 060. 89
Colrain, 1.8 mi. SE. of, 110 ft. S. of crossroads, 315 ft. NW. of South School (Colrain), 15 ft. SW. of center line of rd., in root on W. side of 20-in. maple tree; copper nail and washer-----	1, 002. 13
From road crossing on Central Vermont Railway near Cranberry Pond northwest and northeast along roads parallel to railway to its intersection with Boston & Maine Railroad at point 2.5 miles northeast of Montague (by R. G. Clinite in 1933).	
Montague, 1.7 mi. S. and 0.3 mi. E. of, 120 ft. N. of underpass, between track and rd., in root of 15-in. black-birch tree; spike---	328. 29
Montague, 1.2 mi. S. and 0.2 mi. E. of, in SE. angle of junction of route rd. with rd. E. to Leverett, in root on SW. side of 42-in. maple tree; copper nail and washer-----	282. 67
Montague, 0.7 mi. E. of post office, 100 ft. E. and 80 ft. N. of junction of rd. W., 150 ft. S. of 2-story house, in ledge; standard tablet stamped "C 65 1933 267"-----	267. 287
Reference mark, 0.4 mi. S. of tablet, in NE. corner of intersection of route rd. and rd. E. to Montague sta. (Central Vermont Ry.), in 28-in. maple tree; spike-----	274. 93
Montague, 0.7 mi. E. thence 0.6 mi. N. from, 35 ft. S. and 15 ft. E. of crossroads, in root of 25-in. maple tree; spike-----	271. 07
Montague, 1.8 mi. by rd. NE. of, 2.2 mi. SW. of Millers Falls, 180 ft. E. of rd. NW., on E. leg of SW. one of two steel transmission towers, about 4 in. above ground; top bolt-----	320. 29
Millers Falls, 1.3 mi. SW. of, at rd. pass under Central Vermont Ry., at SW. end of NW. abutment, in SW. end and at S. corner of large corner stone, 3 ft. above ground; standard tablet stamped "C 66 1933 312"-----	311. 877
Mass. Dept. Public Works B. M. designated "C 30"-----	310. 202

From Warwick quadrangle at French King Bridge over Connecticut River along roads northeast and northwest by way of Gill to point on Boston & Maine Railroad 1 mile southwest of Mount Hermon (by R. G. Clinite in 1933)

[Line jogs into Warwick quadrangle]

Gill, 2.1 mi. (air line) S. of, 1.0 mi. NW. of French King Bridge over Connecticut River, 40 ft. E. of rd. forks, on S. side of rd., in root on S. side of 18-in. oak tree; copper nail and washer.....	<i>Feet</i> 353. 85
Gill Center, 135 ft. E. of entrance to town hall, 60 ft. N. of paved highway, in root on S. side of 27-in. locust tree; wire nail and copper washer.....	269. 22
Gill Center, 1.2 mi. N. of, 1.9 mi. by rd. SW. of village of Mount Hermon, 45 ft. S. and 15 ft. E. of crossroads, in root on E. side of 14-in. hickory tree; copper nail and washer.....	313. 90
U. S. C. & G. S. T. B. M. designated "43".....	386. 318

From Bernardston northwest along U. S. Highway 5 to North Bernardston, thence west along road to Beaver Meadow, thence southeast and southwest to road forks 800 feet northeast of Punch Brook (by R. G. Clinite in 1933)

U. S. C. & G. S. T. B. M. designated "41".....	376. 892
Bernardston, 320 ft. W. of Boston & Maine R. R. sta., N. of track and S. of rd., in E. end of N. retaining wall of masonry arch culvert, in NW. corner of capstone; standard tablet stamped "C 76 350 1933".....	349. 640
Reference mark, 980 ft. E. of tablet, at SW. corner of concrete deck of underpass, on top surface; chiseled square.....	356. 04
Bernardston, at junction of State Highways 5 and 10, 120 ft. S. and 45 ft. W. of center of triangle, on SE. corner of W. coping of concrete box culvert; chiseled square.....	366. 20
Bernardston, 1.1 mi. N. of highway junction, on W. side of Highway 5, 200 ft. N. of drain, in root of 20-in. maple tree at S. end of row; copper nail and washer.....	362. 18
Bernardston, 2.7 mi. N. of, 90 ft. N. of junction of Highway 5 with rd. W., at SW. corner of concrete bridge over Couch Brook, on wing wall; chiseled square.....	438. 39
North Bernardston, 180 ft. S. of concrete bridge over Shattuck Brook, 160 ft. E. of center line of Highway 5, on N. end of rock garden of Dr. Harvey T. Shores, in top of slate ledge; standard tablet stamped "C 77 434 1934".....	433. 685
Reference mark, on SW. corner of concrete bridge over Shattuck Brook; base of pedestal.....	438. 84
North Bernardston, 85 ft. S. and 40 ft. E. of rd. forks, opposite Eck Inn service sta., in root on N. side of 24-in. maple tree; rail spike.....	440. 70
North Bernardston, 1.1 mi. W. of rd. forks at, 1.6 mi. E. of Beaver Meadow school, 30 ft. N. of Shattuck Brook, 15 ft. S. of rd., in root of 18-in. yellow-birch tree; copper nail and washer.....	533. 81
Beaver Meadow school, 0.9 mi. NE. of, at Bernardston-Leyden town line; center line of rd.....	551. 7
Beaver Meadow school, 0.7 mi. NE. of, 45 ft. NE. of bridge over Shattuck Brook, at rd. forks, in root of 32-in. maple tree; copper nail and washer.....	625. 66
Beaver Meadow school, 0.2 mi. NE. of, 75 ft. NW. of rd. forks, on E. slope of ledge outcrop; standard tablet stamped "C 78 756 1934".....	756. 217
Reference mark, 120 ft. E. of tablet, in N. angle of rd. forks, in root of 28-in. maple tree; copper nail and washer.....	749. 64

Beaver Meadow school, in SW. angle of crossroads; N. end of bottom concrete step-----	<i>Feet</i> 752. 48
Beaver Meadow school, 0.8 mi. S. of, about 0.8 mi. N. of Leyden, on E. side of highway, at summit of rd., on N. end of E. coping of concrete box culvert; chiseled square-----	881. 77
Leyden, 0.8 mi. S. and 0.2 mi. E. of, in N. angle of rd. forks, in root of 28-in. maple tree; copper nail and washer-----	752. 66
Leyden, 1.8 mi. S. of, 0.2 mi. N. of junction of route rd. with rd. E. across valley to Ladderbrook Farm, 40 ft. E. of rd., in top of 6-by-4-ft. boulder; standard tablet stamped "C 79 690 1934"-----	689. 903
Reference mark, 125 ft. S. and 15 ft. W. of tablet, on E. side of highway, in line with stone fence down hillside in root of 60-in. elm tree; copper nail and washer-----	695. 96
Leyden, 3.0 mi. S. and 0.9 mi. E. of, 0.1 mi. N. of junction of route rd. with rd. N. to gatehouse, 300 ft. W. of reservoir, in base on E. side of 24-in. pine tree; rail spike with head broken off-----	614. 86
Leyden, 4.1 mi. by route rd. S. of, 5.1 mi. by direct rd. N. of Greenfield, at crossing of Leyden-Greenfield town line; center line of rd.-----	314. 20
Greenfield, 4.0 mi. N. and 0.7 mi. W. of, about 0.3 mi. due W. of Glen Brook, 230 ft. NW. of rd. forks, 20 ft. SW. of center of improved rd., at SE. end of concrete head wall of drain; chiseled square-----	258. 99
Greenfield, 4.0 mi. N. and 1.2 mi. W. of, in NE. angle of junction of rd. to pumping-station hill (route rd.) and rd. NW. to West Leyden, 0.4 mi. SW. of covered bridge, in root on W. side of 18-in. pine tree; copper nail and washer-----	355. 92

From Conway north along road 2 miles, thence west 2.4 miles, thence north-west and northeast to Shelburne Falls (by E. M. Wheeler in 1933)

[Line jogs into Hawley quadrangle]

Conway, 0.6 mi. N. and 0.1 mi. W. of Field Memorial Library, 150 ft. S. of junction of route rd. with rd. SE., 15 ft. W. of center line of rd. from SE., in root on E. side of 8-in. butternut tree; copper nail and washer-----	521. 06
Conway, 1.7 mi. N. and 0.4 mi. W. of, 100 ft. N. of junction of route rd. with rd. NE., 10 ft. W. of center line of route rd., in root on NE. side of 10-in. maple tree; copper nail and washer-----	519. 46
Conway, 2.0 mi. N. and 1.1 mi. W. of, in NE. angle of junction of route rd. with rd. N., 40 ft. NE. of center line of rd., on top of boulder flush with ground; standard tablet stamped "C 74 1933 777"-----	777. 153
Reference mark, 80 ft. S. of tablet, 10 ft. SW. of center line of rd., in root on SE. side of 24-in. oak tree; copper nail and washer-----	773. 53
Conway, 2.7 mi. by direct rd. NW. of, in SE. angle of junction of route rd. with rd. SE. to Conway, at edge of rd., in root on W. side of 20-in. oak tree; copper nail and washer-----	716. 16
Conway, 3.9 mi. by direct rd. NW. of, 360 ft. N. of farmhouse, 10 ft. W. of center line of rd., in root on NE. side of 40-in. maple tree; copper nail and washer-----	815. 03
Conway, 4.7 mi. by direct rd. NW. of, about 5 mi. by route rd. S. of Shelburne Falls, in SW. angle of junction of NE.-SW. rd. with T-rd. SE. to Conway, 25 ft. S. of center line of NE.-SW. rd., in boulder; standard tablet stamped "C 73 1933 877"-----	876. 691

Reference mark, 70 ft. S. and 15 ft. E. of tablet, 10 ft. W. of T-rd. SE., in root on SE. side of 20-in. maple tree; copper nail and washer.	865.43
Shelburne Falls, 1.7 mi. by rd. SW. of town hall, 45 ft. SW. of junction of route rd. with rd. N., 10 ft. S. of center line of rd., in root on W. side of 14-in. maple tree; copper nail and washer.	920.57
Shelburne Falls, about 0.5 mi. by rd. SW. of town hall, in SW. angle of junction of route rd. with T-rd. NW., 15 ft. W. of center line of rd. NW., in root on SE. side of 40-in. maple tree; copper nail and washer.	514.16

From Pettyplain Road bridge over Boston & Maine Railroad north along road to Mohawk Trail, thence east to Greenfield (by Ira M. Chace, Jr., in 1933)

Mass. Dept. Public Works T. B. M. designated "No. 499"	251.787
Greenfield, 1.5 mi. by route rd. SW. of B. & M. (Fitchburg Division) R. R. sta., at NW. corner of Munson and Fairview Streets, in root of 18-in. hard-pine tree; copper nail and washer.	265.51
Greenfield, 1.0 mi. by route rd. W. of B. & M. (Fitchburg Division) R. R. sta., at NW. corner of Woodward rd. and State Highway 2 (known also as Mohawk Trail and Shelburne Street), on NE. corner of N. end of concrete culvert under Highway 2; chiseled square.	175.63
Greenfield, on Highway 2 about 0.7 mi. W. of B. & M. (Fitchburg Division) R. R. sta., at center of highway bridge over Green River; surface of roadway.	167.5
Greenfield, 200 ft. N. of B. & M. (Fitchburg Division) R. R. sta., at Gulf gasoline tank; SW. corner of concrete foundation of tank.	206.358
Mass. Dept. Public Works B. M. designated "A 33"	203.837
Mass. Dept. Public Works T. B. M. designated "No. 498"	196.203

From road forks 1.2 miles southeast of Colrain north along roads by way of West Leyden to road forks 0.5 mile north of Massachusetts-Vermont State line, thence east to Shattuck Brook, thence south to Beaver Meadow (by E. M. Wheeler in 1934)

[Line jogs into Vermont]

West Leyden, 2.2 mi. by route rd. S. of, 2.5 mi. NE. of Colrain, in SE. angle of junction of route rd. with rd. S.; 140 ft. E. of junction, 8 ft. S. of center line of rd., in root on NW. side of 30-in. butternut tree; copper nail and washer.	748.77
West Leyden, 1.1 mi. S. of, about halfway between two white farm-houses, on E. side of rd., 10 ft. W. of center line of rd., on top of ledge flush with ground; chiseled square.	607.56
West Leyden, 0.2 mi. SW. of, 270 ft. S. of junction of route rd. with rd. E. and N. to West Leyden, 50 ft. E. of center line of rd., 50 ft. N. of center line of transmission line of New England Power Co., on top of ledge; standard tablet stamped "WH 2 481 1934"	480.918
Reference mark, 290 ft. N. of tablet, in NE. angle of junction of route rd. with rd. to West Leyden, 15 ft. E. of center line of rd., in root on SE. side of 40-in. oak tree; copper nail and washer.	469.96
West Leyden, 1.3 mi. NW. of, 10 ft. S. of center line of rd., on E. end of S. concrete wall of culvert over brook, on ledge 6 in. below top; point between two chisel cuts.	497.13
West Leyden, 2.6 mi. NW. of, about 0.05 mi. W. of Green River, opposite junction of route rd. with abandoned rd. NW., 310 ft. SW. of bridge over brook, 8 ft. E. of center line of rd. on W. side of 22-in. hemlock tree; rail spike.	538.09

West Leyden, 3.1 mi. by route rd. NW. of, 90 ft. S. of crossing of Vt.-Mass. State line, at E. edge of traveled way, in root on W. side of 8-in. ash tree; wire nail	<i>Feet</i> 546. 73
Beaver Meadow, 0.8 mi. N. of, at crossing of route rd. and Vt.-Mass. State line; center line of rd.	717
From Lyonsville along road northwest to road forks about 2.6 miles by road southwest of South Halifax (Vermont), near Christian Hill, thence east to road forks 2.6 miles by road northwest of West Leyden (by E. M. Wheeler in 1934)	
Lyonsville, about 0.8 mi. by route rd. W. of, 30 ft. NE. of highway bridge over West Branch of North River, 20 ft. NE. of center line of rd., on top of boulder; chiseled square	561. 39
Lyonsville, 1.7 mi. NW. of, opposite junction of E.-W. rd. with rd. N., 10 ft. S. of center line of rd., in base on N. side of 10-in. elm tree; rail spike	617. 40
Lyonsville, 2.8 mi. NW. of, in SE. angle of junction of route rd. with rd. SE., 20 ft. S. of junction, 35 ft. E. of center line of rd., in root on NW. side of 30-in. ash tree; copper nail and washer	1, 126. 86
Lyonsville, 3.6 mi. NW. of, 400 ft. N. of junction of route rd. with rd. NE., 25 ft. E. of center line of rd., on ledge; standard tablet stamped "WH 5 1220 1934"	1, 219. 644
Reference mark, 10 ft. S. and 40 ft. W. of tablet, 20 ft. W. of center line of rd., in root on NE. side of 24-in. maple tree; copper nail and washer	1, 220. 34
Lyonsville, 4.4 mi. NW. of, 30 ft. W. of junction of NW.-SE. (route) rd. with rd. S., 15 ft. N. of center line of rd., on top of boulder; chiseled square	1, 422. 58
Lyonsville, 5.5 mi. NW. of, 2.6 mi. by rd. SW. of South Halifax (Vt.), 2.1 mi. W. of highway bridge over East Branch of North River, 90 ft. NW. of junction of rd. from Lyonsville (route) with rd. NW., 20 ft. NE. of center line of rd., in root on SW. side of 30-in. maple tree; copper nail and washer	1, 419. 22
South Halifax (Vt.), 1.8 mi. by rd. SW. of, about 1.2 mi. W. of highway bridge over East Branch of North River, 270 ft. W. of bridge over brook, in NE. angle of junction of route rd. with farm rd. N., 60 ft. E. of junction, 10 ft. N. of center line of rd., in root on SW. side of 37-in. elm tree; copper nail and washer	1, 085. 35
South Halifax (Vt.), 0.7 mi. by rd. SE. of, 320 ft. NW. of junction of route rd. with farm rd. SE., at highway bridge over East Branch of North River, 40 ft. NE. of center line of rd., on top of ledge; standard tablet stamped "WH 4 730 1934"	730. 236
Reference mark, 360 ft. S. and 35 ft. E. of tablet, on top of NW. pier of highway bridge over East Branch of North River; chiseled square	728. 44
South Halifax (Vt.), about 2.1 mi. SE. of, 1.5 mi. by route rd. E. of highway bridge over East Branch of North River, 15 ft. W. of junction of route rd. with rd. N., 15 ft. S. of center line of rd., in root on N. side of 24-in. apple tree; copper nail and washer	1, 128. 11

GROTON QUADRANGLE

[Latitude 42°30'-42°45'; longitude 71°30'-71°45']

MIDDLESEX AND WORCESTER COUNTIES

From Lowell quadrangle at crossing of Dunstable-Pepperell highway and Boston & Maine Railroad (Nashua & Acton Branch) south along railroad and back into Lowell quadrangle (by D. H. Baldwin in 1922)

Dunstable, 0.9 mi. by R. R. S. of, at gravel-rd. grade crossing, at point of curve; top of E. rail.....	<i>Feet</i> 190. 6
Dunstable, 0.9 mi. S. of, in SW. corner of rd. crossing, in concrete base of steel warning post; chiseled square (R. R. or highway B. M.) -	190. 11
Dunstable, 1.5 mi. S. of, at farm-rd. crossing, 20 ft. W. of center of track, on N. side of gate; highest point of sharp, protruding stone (R. R. or highway B. M.).....	207. 17
Dunstable, 2.0 mi. S. of, at crossing of rd. to Massapoag ("Island") Pond; top of E. rail.....	195. 83
East Groton, 330 ft. N. of sta., at highway crossing; top of E. rail....	193. 0
East Groton, 200 ft. N. of sta., 60 ft. SE. of crossing, on E. bank of watercourse, on S. extremity of granite knoll, on top of concrete post made of cement block reinforced and filled; standard tablet stamped "189 B 1922".....	189. 485
East Groton, 100 ft. N. of sta., at milepost H 145, at W. end of culvert under fill, on top of capstone; chiseled square.....	191. 22
East Groton, in front of sta.; top of E. rail.....	193. 7
East Groton, 0.9 mi. S. of sta., at trestle over highway, on W. end of N. parapet wall; chiseled square.....	215. 25
East Groton, 1.7 mi. S. of, in SE. corner of rd. crossing, 45 ft. S. of center of crossing, on concrete base of steel crossing post; chiseled square.....	229. 88

From Lowell quadrangle at crossing of Dunstable-Pepperell highway and Boston & Maine Railroad (Nashua & Acton Branch) west along highway to East Pepperell (by D. H. Baldwin in 1922)

Dunstable, 0.6 mi. S. thence 1.0 mi. W. from, at NW. angle of crossroads, on protruding granite boulder; highest spot on boulder.....	194. 57
Dunstable, 0.6 mi. S., thence 1.4 mi. W. from, on N. side of rd., on top of 8- by 8-in. granite monument protruding 1 ft. above ground, marked "12" and with one corner chipped; chiseled square.....	200. 00
Dunstable, 0.6 mi. S., thence 2.1 mi. W. from, on S. side of highway, 15 ft. W. of large red barn; center of top of 6- by 6-in. granite monument protruding 1.5 ft. above ground.....	225. 48
Dunstable-Pepperell town line, crossing of, near N. side of rd., on small granite monument marked "14"; highest point on top of monument.....	186. 48
East Pepperell, 1.3 mi. E. of, 200 ft. W. of crossroads, just W. of drain, S. of rd., in root on N. side of twin willow tree; copper nail and washer.....	208. 09
East Pepperell, 0.7 mi. E. of, at junction of rd. fork SE.; center of junction.....	209. 0

From Marlboro quadrangle near Boston & Maine Railroad (Worcester & Nashua Division) bridge over Nashua River northeast along railroad to Massachusetts-New Hampshire State line (by D. H. Baldwin in 1922)

Still River sta., 0.7 mi. NE. of, on base of semaphore 239; top of bolt end.....	252. 14
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Still River sta., 1.2 mi. NE. of, at center of farm-rd. crossing; top of E. rail.....	<i>Feet</i> 264. 26
Still River sta., 1.3 mi. NE. of, on E. end of culvert, on S. end of capstone; chiseled square.....	265. 47
Still River sta., 1.6 mi. NE. of, 0.6 mi. S. of Harvard sta., E. of track, at SW. corner of base of semaphore 249; top of nut.....	272. 23
Harvard sta., 0.5 mi. S. of, E. of track, on top of milepost marked "W 25 P 122"; chiseled square.....	279. 54
Harvard sta., 0.3 mi. S. of, inside R. R. fence, at SW. angle of rd. crossing, on top of granite boulder; chiseled square.....	281. 95
Harvard sta., 0.03 mi. S. of, at highway crossing; top of E. rail.....	281. 7
Harvard sta., in front of sta. building; top of rail.....	292. 3
Harvard sta., in front of ticket office, on curb of light well to cellar, flush with platform; chiseled square.....	292. 90
Harvard sta., 0.4 mi. N. of, E. of track, in SE. corner of base of semaphore; top of bolt end.....	279. 74
Harvard sta., 0.6 mi. N. of, at 15-ft. steel-girder bridge over secondary rd., at E. end of N. parapet wall; chiseled square.....	271. 66
Harvard sta., 0.6 mi. N., thence 0.3 mi. uphill E. from, 25 ft. W. of center line of main rd., on N. side of rd. W., on top of boulder with 6-ft. base and protruding 2 ft. above ground; chiseled square.....	337. 46
Harvard sta., 0.6 mi. N., thence 0.4 mi. SE. from, 12 ft. NE. of center line of rd., in top of rock outcrop extending from wheel tread to point 15 ft. E. of wall E. of rd., at point 2 ft. W. of end of stone wall; standard tablet stamped "Prim. Trav. Sta. No. 24 W 1922 B 372".....	372. 039
Harvard sta., 1.2 mi. N. of, E. of track, at base of semaphore 267; top of bolt end.....	255. 55
Harvard sta., 1.6 mi. N. of, 1.0 mi. S. of Ayer sta., E. of track, in top of milepost W 27 P 1120; chiseled square.....	252. 62
Ayer, 0.7 mi. S. of, E. of track, on SW. side of base of semaphore 273; top of bolt end.....	239. 68
Ayer, 470 ft. N. of sta., 10 ft. E. of center of E. track, on SW. corner of concrete base of semaphore; head of bolt.....	237. 40
Ayer, 970 ft. N. of sta., 25 ft. E. of center of E. track of B. & M. R. R. (Worcester & Nashua Division), 5 ft. N. of Groton rd., in concrete base of steel warning post; chiseled square.....	242. 28
Ayer, 0.3 mi. N. of, 10 ft. W. of W. track, on NE. corner of concrete base of semaphore 264; chiseled square.....	243. 64
Ayer, 1.0 mi. N. of, SE. of track; on E. corner of concrete base of semaphore 291; chiseled square.....	257. 04
Ayer, 1.4 mi. N. of, at W. side of crossing, on top of S. corner of concrete base of warning post; chiseled notch.....	265. 82
Ayer, about 1.8 mi. N. of, 100 ft. S. of highway crossing, 12 ft. S. of center of track, in SE. corner of footplate of semaphore 298; top of bolt end.....	282. 10
Ayer, 1.8 mi. N. of, at farm-rd. crossing; top of rail.....	283. 0
Ayer, 1.8 mi. by R. R. N., thence 0.3 mi. by rd. E. from, 20 ft. N. and 20 ft. E. of center of rd. forks, opposite rd. W., on top of 6- by 15-in. granite milepost protruding 3 ft. above ground; standard tablet stamped "Prim. Trav. Sta. No. 16 W 1922 B 276".....	276. 200
Reference mark, 120 ft. W. of tablet, 18 ft. S. of rd. W., in root on S. side of 8-in. maple tree; copper nail and washer.....	275. 49

Groton, 0.6 mi. S. of, 60 ft. N. of overhead highway bridge, at NE. corner of low-bridge guard, on stone in concrete base; chiseled square.....	<i>Feet</i> 305. 45
Groton, 0.5 mi. S. of, 300 ft. N. of bridge, 13 ft. E. of E. rail, in top of granite milepost W 31 P 116; chiseled square.....	313. 43
Groton, at sta., 40 ft. S. of S. end of platform, on SE. corner of base of switch block; bolt end.....	305. 01
Groton, in front of sta.; top of E. rail.....	305. 5
Groton, at grain store of E. A. Cowee, near SE. corner of building, about 2 ft. above concrete pavement at base of stairs to porch, in SE. face of concrete cornerstone pattern of solid concrete foundation wall, lettered "1907"; standard tablet stamped "308 B 1922".....	308. 658
Reference mark, 91 ft. SW. of tablet, at rear of sta., on E. wall of portico; chiseled square.....	309. 28
Groton, 0.5 mi. N. of sta., at E. abutment of West Street overhead bridge 31, 4 ft. N. of angle in face of abutment, directly under S. side of bridge floor, in third course above ground, in protruding granite stone; chiseled square.....	300. 91
Groton, 0.8 mi. N. of sta., 200 ft. S. of semaphore 324, on E. side of track, on S. capstone of drain at point near its SE. corner; chiseled square.....	286. 46
Groton, 1.0 mi. N. of, at steel-girder bridge over forks of highway, on top of NW. end of NW. concrete parapet; chiseled square.....	279. 68
Groton, 1.4 mi. N. of, in top of granite milepost W 33 P 114; chiseled square.....	267. 56
Groton, 1.7 mi. N. of, in SE. angle of highway crossing, 8 ft. E. of E. rail, 0.04 ft. above W. rail, in small granite outcrop; chiseled square.....	254. 60
Groton, 2.0 mi. N. of, in SW. corner of base of semaphore 337; top of bolt.....	244. 08
Groton, 2.1 mi. N. of, at center of highway crossing; top of W. rail.....	239. 1
Groton, 2.4 mi. N. of, 2.2 mi. S. of East Pepperell, 8 ft. E. of E. rail, on top of granite milepost W 34 P 113; chiseled square.....	231. 70
East Pepperell, 1.6 mi. S. of, 6 ft. E. of E. rail, in NW. corner of base of semaphore 347; head of bolt.....	219. 61
East Pepperell, 1.2 mi. S. of, 25 ft. E. of E. rail, in top of granite milepost W 35 P 112; chiseled square.....	220. 98
East Pepperell, 1.0 mi. S. of, 6 ft. W. of W. rail, in SE. corner of base of semaphore 352; head of bolt.....	214. 81
East Pepperell, 0.7 mi. S. of, 6 ft. E. of E. rail, on base of semaphore 355; top of nut.....	213. 74
East Pepperell, 0.3 mi. S. of, 20 ft. W. of center of track, opposite "W" post, on top of N. post of emergency-rail support; copper nail and washer.....	210. 83
East Pepperell, 0.2 mi. S. of, at dam of Nashua Paper Co., 20 ft. N. of N. rail, in E. end of N. side wall at point 0.5 ft. E. of iron-grill fence and 6 ft. N. of S. end of fence; chiseled square.....	204. 62
East Pepperell, 0.1 mi. S. of Pepperell sta., 5 ft. E. of E. rail, on N. end of E. wall of concrete culvert; chiseled square.....	208. 58
East Pepperell, just S. of Pepperell sta., in foundation of jail at point 15 ft. from W. corner of building, in front face of granite corner stone; standard tablet stamped "210 B 1922".....	210. 421
East Pepperell, in front of Pepperell sta.; top of E. rail.....	206. 8

East Pepperell, 0.6 mi. N. of, at SE. end of steel-girder-bridge over farm rd., on NE. parapet wall; chiseled square.....	<i>Feet</i> 192. 50
East Pepperell, 0.7 mi. N. of, 8 ft. SE. of track, on top of milepost P 110 W 77; chiseled square.....	195. 78
East Pepperell, 1.0 mi. N. of, 10 ft. N. of track, at N. corner of concrete base of semaphore 373; top of iron bolt.....	198. 02
East Pepperell, 1.6 mi. N. of, at highway crossing; top of E. rail....	200. 5
East Pepperell, 1.7 mi. N. of, NW. of track, in SE. corner of base of semaphore pole 378; top of bolt end.....	200. 14
East Pepperell, 2.0 mi. N. of, 1.7 mi. S. of Hollis (N. H.), in SW. corner of concrete base of semaphore 383; chiseled square.....	195. 02
Hollis (N. H.), 0.9 mi. S. of, at rd. crossing; top of E. rail.....	190. 6
Hollis (N. H.), 0.8 mi. S. of, in center of top of concrete block, formerly base for semaphore; chiseled square.....	190. 78
Hollis (N. H.), 0.7 mi. S. of, at milepost W 39 P 105; top of milepost..	195. 16
Hollis (N. H.), 0.4 mi. S. of, on Mass.-N. H. State line, 20 ft. E. of E. rail, on top of State-line monument (18- by 18-in. granite post projecting 4 ft. above ground and marked "N NH 1894" on one side and "D Mass 1894" on opposite side); chiseled square.....	193. 97

From Groton southeast along road to North Littleton station, on Stony Brook Branch of Boston & Maine Railroad (by D. H. Baldwin in 1922)

Groton, in front of Lawrence Academy; top of hydrant.....	351. 48
Groton, in S. end of village, in center of small triangular park at rd. forks, on memorial monument to Col. William Prescott; top of curved surface of monument.....	339. 40
Groton, 1.1 mi. SE. of sta., on N. side of rd., in top of granite milepost projecting 3 ft. above ground and marked "To Groton 1 mile 1902"; chiseled square.....	317. 14
Groton, 1.7 mi. SE. of sta., on S. side of highway, just W. of rd. summit, at W. end of drain, on top of concrete head wall; chiseled square.....	338. 42
Groton, 2.2 mi. SE. of, 27 ft. S. of SE. corner of schoolhouse, on N. side of rd., just E. of rd. forks, in top of 6- by 6-in. granite post marked on face "MHB"; standard tablet stamped "Prim. Trav. Sta. 23 W 1922 B 321".....	320. 837
Reference mark, 50 ft. from tablet, on opposite side of rd., on top of 6- by 6-in. granite post marked "MHB"; chiseled square.....	319. 07
Groton, 3.1 mi. SE. of, 72 ft. S. of signpost, at rd. forks, just S. of cut-off rd., on S. side of grass triangle, on W. side of concrete rd., on top of 8- by 8-in. granite post marked "MHB"; chiseled square.....	281. 26
Groton, 3.7 mi. SE. of, 1.1 mi. NW. of North Littleton sta., 250 ft. N. of crossroads, on E. side of rd., in top of granite post; standard tablet stamped "Prim. Trav. Sta. No. 2 W 1922 B 270".....	270. 081
Reference mark, 310 ft. S. of tablet, 60 ft. SW. of center of crossroads, at gasoline sta.; center of iron top of manhole.....	268. 65
North Littleton sta., 0.7 mi. N. of, on E. end of culvert under rd.; chiseled square.....	268. 74
North Littleton, 0.4 mi. N. of sta., at top of hill, opposite granite boulder stenciled "9+50 G", in concrete pavement; chiseled square.....	263. 71

North Littleton, 0.2 mi. N. of sta., on SW. side of pike, on top of granite town-line monument protruding 4 ft. above ground and marked "A G"; chiseled square-----	<i>Feet</i> 240. 07
North Littleton, on wooden bridge over B. & M. R. R., in W. guard rail; top of bolt-----	236. 47

From Willows southeast along road and Boston & Maine Railroad (Fitchburg Division) into Lowell quadrangle (by D. H. Baldwin in 1922)

Willows, 0.4 mi. S. of sta., on W. side of rd., on N. side of W. end of culvert over brook, on highest point of triangular stone; chiseled square-----	242. 62
Willows, 0.5 mi. S. of sta., 1.7 mi. NW. of Littleton sta., at Green-acre Corners, in NW. angle of crossroads, in front of Twin Elms lunch room, in root of elm tree; copper nail and washer-----	252. 83
Littleton sta., 0.7 mi. NW. of, 114 ft. E. of rd. fork N., 12 ft. N. of center line of rd., in rock outcrop; chiseled square-----	275. 48
Littleton sta., 0.4 mi. NW. of, on N. side of rd., on S. side of and opposite Idlewild Farm house; top of hydrant-----	280. 48
Littleton sta., just NE. across track from sta. building, in SE. angle of rd. forks, on NW. side of house, at W. end of curved coping around yard, on top of 8- by 8-in. granite property-boundary monument protruding about 8 in. above adjacent curb; standard tablet stamped "230 B 1922"-----	230. 134
Littleton sta., just W. of sta. building, in W. angle of crossroads; top of hydrant-----	233. 16
Littleton sta., in front of sta. building; top of W. rail-----	229. 4
Littleton sta., 0.4 mi. SE. of, in NW. corner of base of semaphore 11; top of bolt end-----	228. 18
Littleton sta., 1.1 mi. SE. of, 150 ft. N. of semaphore 304, on E. end of culvert 48; chiseled square-----	234. 23
Littleton sta., 1.4 mi. SE. of, at center of highway crossing; top of W. rail-----	243. 52
Littleton sta., 1.8 mi. SE. of, at NW. corner of base of semaphore 296; top of bolt end-----	247. 78
Littleton sta., 2.0 mi. S. of, in SW. angle of rd. forks, 60 ft. S. of rd. W., 44 ft. W. of rd. S., on N. side of watercourse, in woods, on 6- by 8-ft. granite boulder; standard tablet stamped "257 B 1922"-----	256. 868
Reference mark, on above-described boulder; chiseled square-----	257. 13

From Marlboro quadrangle near Oak Hill north and northeast along roads to road crossing on Boston & Maine Railroad (Stony Brook Branch) 0.9 mile west of Willows (by D. H. Baldwin in 1922)

Harvard Village, 1.4 mi. E., thence 0.4 mi. N. from, on top of Oak Hill (the highest point between Boston and Wachusett Mountain), 194 ft. E. of center line of rd., on SW. corner of pier of fire-outlook tower; top of reinforcing iron, flush with concrete-----	611. 96
Oak Hill, 0.3 mi. N. of, in W. angle of crossroads, in root of large elm tree; copper nail and washer-----	550. 09
Oak Hill, 0.8 mi. N. of, 1.8 mi. S. of Shaker Village, 100 ft. N. of crossroads, 15 ft. E. of rd. N., on W. side of large triangular grass plot, in granite boulder; chiseled square-----	363. 05

Shaker Village, 1.2 mi. S. of, on NW. side of rd., opposite woods rd. SE., on rd. level close to NW. wheel track, in top of embedded boulder; chiseled square-----	<i>Feet</i> 356. 64
Shaker Village, 0.9 mi. S. of, in N. part of wooded triangular plot NW. of main rd. formed by rds. N. and NW. converging into one rd. leading N., on top of large granite boulder overlying another; standard tablet stamped "Prim. Trav. Sta. No. 17 W 1922 B 332"-----	332. 096
Reference mark, 144 ft. E. of tablet, at N. angle of rd. forks at E. end of triangular wooded area, on 6- by 12-ft. granite boulder; chiseled square-----	340. 26
Shaker Village, 0.4 mi. S. of, at rd. forks, on W. side of rd., 43 ft. W. of telephone pole in central green, in root of tree near stone wall; copper nail and washer-----	273. 36
Shaker Village, on W. side of rd., opposite northernmost house on E. side of rd., in root of large maple tree near wall; copper nail and washer-----	306. 35
Shaker Village, 0.3 mi. N. of; rd. summit-----	337. 6
Shaker Village, 0.7 mi. N. of, in SE. angle of crossroads (rds. N. and E. are secondary), on E. border line, opposite house in SW. angle, in top of Harvard-Ayer granite town-line monument protruding 3 ft. above ground; chiseled square-----	274. 69
Shaker Village, 0.9 mi. N. of, at N. angle of crossroads, opposite small triangle in rd. S., 33 ft. NW. of triangle in center of tarvia rd., near maple tree close to rd., in top of granite outcrop; chiseled square----	282. 30
Shaker Village, 1.3 mi. N. of, 0.9 mi. W., thence 0.2 mi. S. from Wil- lows, on E. side of rd., in bank, on S. side of granite boulder; chiseled square-----	268. 83

From Harvard Village west and southwest along roads into Marlboro quadrangle at point near Boston & Maine Railroad (Worcester & Nashua Division) bridge over Nashua River (by D. H. Baldwin in 1922)

Harvard Village, at SW. corner of common, in NW. angle of street junction, at base on SE. side of elm tree, on 12- by 12-in. granite boundary post marked "C" on its E. face and protruding about 1 ft. above ground; standard tablet stamped "420 B 1922"-----	420. 623
Reference mark, on S. side of common, on S. edge of town watering trough (stone); chiseled square-----	418. 28
Harvard Village, 0.5 mi. W. of common, 15 ft. S. of center of rd., on rock outcrop 5 ft. long and protruding 3 ft. above rd.; chiseled square-----	349. 64
Harvard Village, 0.8 mi. W. of, at bend in rd. opposite large twin elm tree, on S. end of concrete watering trough; chiseled square-----	369. 44

From Shirley Village east along Boston & Maine Railroad (Fitchburg Division and Stony Brook Branch) into Lowell quadrangle near Forge Pond (by D. H. Baldwin in 1922)

Shirley Village, 0.2 mi. E. of sta., just NW. of Phoenix Crossing of R. R.; top of hydrant-----	282. 72
Shirley Village, 0.3 mi. NE. of sta., on N. side of street; top of hydrant-----	282. 08
Shirley Village, 0.5 mi. NE. of sta., just S. of rd. forks, near N. right-of-way fence of R. R.; top of 12- by 12-in. granite milepost B 39, protruding 3.5 ft. above ground-----	277. 44
Shirley Village, 0.9 mi. NE. of sta., about 20 ft. N. of center line of rd., in root on E. side of 18-in. pine tree; copper nail and washer-----	263. 61

Shirley Village, 1.5 mi. NE. of, 24 ft. N. of center of rd. crossing, on E. side of rd. N., behind fence, on top of 12- by 12-in. granite milestone B 38 protruding 4 ft. above ground; chiseled square	254. 33
Shirley Village, 1.5 mi. NE. of, 0.3 mi. W. of bridge over Nashua River, at crossing of tarvia rd. and R. R.; top of N. rail	250. 07
Camp Devens, 0.6 mi. W. of main entrance, 1.7 mi. NE. of R. R. sta. at Shirley Village, on highway bridge over Nashua River; center of floor of bridge (11.4 ft. above surface of water Oct. 4, 1922; water flowing 0.4 ft. over sill of dam)	226. 02
Camp Devens, about 0.6 mi. W. of main entrance, on SE. side of Nashua River, above dam at R. R. power plant; 80 ft. S. of center of highway truss bridge over river, 42 ft. SW. of W. side of rd., at W. point of small bank between river and 50-ft. flume, in top of county corner post (6- by 6-in. granite post protruding 2.5 ft. out of water, which flows 0.3 ft. over sill of dam, and marked "A", "S", and "H" on its E., N., and W. sides respectively, signifying Ayer, Shirley, and Harvard Town); standard tablet stamped "Prim. Trav. Sta. No. 21 W 1922 B 217"	217. 332
Reference mark, on S. side of Nashua River, at N. end of gates of 50-ft. flume of electric-power plant, on corner of granite capstone; chiseled square	223. 85
Camp Devens, on W. side of main gate, W. of guardhouse, on S. side of tarvia rd., in root of elm tree; copper nail and washer	223. 11
Camp Devens, 0.5 mi. NE. of gate at main entrance, 0.6 mi. W. of sta. at Ayer, at center of West Main Street crossing of R. R.; top of rail	222. 3
Ayer, at Shirley Street crossing of R. R.; top of N. rail	223. 41
Ayer, on S. curb of central platform between R. R. stations, about 295 ft. E. of tracks of Worcester & Nashua Division R. R.; chiseled square	234. 10
Ayer, at town hall, on SE. corner stone at point 1 ft. above ground; standard tablet stamped "240 B 1922", Mass. Dept. Public Works B. M. designated "K 27"	240. 342
Ayer, 0.6 mi. E. of sta., 10 ft. S. of S. track of Stony Brook Branch R. R.; center of concrete block, formerly base of semaphore	235. 01
Ayer, 0.7 mi. E. of sta., 12 ft. S. of center of S. track of Stony Brook Branch R. R., at base of semaphore 412; bolt or chiseled square	237. 44
Ayer, 1.1 mi. E. of sta., in area between tracks of Stony Brook Branch and Fitchburg Division of B. & M. R. R., 6 ft. W. of highway, on concrete base of warning signpost; chiseled square	243. 68
Ayer, 1.6 mi. E. of, 0.9 mi. W. of Willows sta., at NW. angle of crossing of rd. and Stony Brook Branch R. R., 30 ft. N. of N. rail, on concrete base of warning signpost; chiseled square	239. 48
Willows, at SW. corner of rd. crossing, directly S. of and opposite sta., 3.5 ft. S. of flagging pole, in edge of bank, on top of granite boulder 4 ft. wide and projecting 2.5 ft. above ground, formerly used as anchor block for stone-loading derrick; standard tablet stamped "Prim. Trav. Sta. No. 15 W 1922 B 235", Mass. Dept. Public Works B. M. designated "M 27"	235. 378
Reference mark, at above-mentioned rd. crossing, in concrete base of warning post; chiseled square	232. 48
Willows, at sta., in center of highway crossing; top of S. rail	232. 6
Willows, 0.2 mi. E. of sta., 10 ft. N. of track; center of top of concrete block, formerly base of semaphore	231. 76

Willows, 0.3 mi. E. of sta., 1.3 mi. W. of North Littleton sta., at overhead wooden bridge, 10 ft. S. of center of track, on W. end of granite base of S. bent of bridge; chiseled square.....	Feet 228. 45
North Littleton, 1.2 mi. W. of sta., 10 ft. N. of center of track; at N. end of E. retaining wall of cattle pass; chiseled square.....	223. 39
North Littleton, 0.6 mi. W. of sta., at semaphore signal SB 382, on NE. corner of concrete base; chiseled square.....	217. 97
North Littleton, in front of sta.; top of S. rail.....	217. 3
North Littleton, 100 ft. E. of sta., at wooden overhead bridge along concrete rd. over B. & M. R. R. (Stony Brook Branch), 110 ft. S. of center of track, 18.234 ft. below top of bolt in W. guard timber at center of bridge, at W. end of S. bent of bridge, on W. stone of granite base; chiseled square.....	218. 24
North Littleton, 0.4 mi. E. of sta., 1.2 mi. W. of Forge Village, 15 ft. S. of SE. corner of highway crossing, in concrete base of steel-rail warning signpost; chiseled square.....	224. 31
Forge Village, 0.8 mi. W. of, on E. side of S. end of culvert, S. of track, on top of concrete wall; chiseled square.....	216. 87

From Ayer northwest along Boston & Maine Railroad (Fitchburg Division)
to West Groton (by D. H. Baldwin in 1922)

Ayer, 0.8 mi. NW. of sta., on top of milepost M 24 B 37; chiseled square.....	226. 85
Ayer, 1.3 mi. NW. of, at NE. angle of rd. crossing, on top of granite monument marked "M H B"; chiseled square.....	226. 14
Ayer, 1.3 mi. NW. of, at center of crossing of tarvia rd.; top of E. rail.....	224. 3
Ayer, 1.6 mi. NW. of, on SW. side of tarvia rd., in top of Mass. Highway Dept. boundary monument (6- by 6-in. granite post protruding 6 in. above ground); standard tablet stamped "Prim. Trav. Sta. No. 23 W 1922 B 223".....	223. 204
Ayer, 1.7 mi. NW. of, on NE. side of tarvia rd., on S. side of rd. E. to cross tracks, in top of 12- by 24-in. granite signpost protruding 5 ft. above ground; chiseled square.....	225. 24
Ayer, 1.9 mi. NW. of, 1.0 mi. S. of Squannacook Junction, at 150-ft. steel-truss bridge over Nashua River, at W. end of N. abutment, on W. end of parapet wall; chiseled square.....	220. 60
Squannacook Junction, 0.1 mi. S. of, at secondary farm-rd. crossing; top of W. rail.....	216. 3
Squannacook Junction, 130 ft. S. of, on top of milepost M 22 B 39; chiseled square.....	220. 03
Squannacook Junction, in front of sta.; point of switch.....	216. 7
West Groton, 0.3 mi. S. of sta., 0.5 mi. N. of Squannacook Junction, on river bank, 10 ft. W. of W. rail, on granite boulder with 6- by 3-ft. exposed top surface; chiseled square.....	226. 48
West Groton, about 100 ft. S. of sta., 40 ft. W. of track, in yard of leatherboard company, on top of hydrant; highest point on head of E. bolt.....	238. 51
West Groton, just S. of sta., at highway crossing; top of E. rail.....	237. 5
West Groton, at G. T. Shepley memorial fountain, on S. side of protruding base of fountain; standard tablet, stamped "Prim. Trav. Sta. No. 14 W 1922 B 240".....	240. 304

From Lunenburg Village east along road to Groton (by D. H. Baldwin in 1922)

	<i>Feet</i>
Lunenburg Village, on E. side of common, in SE. angle of junction of Mohawk Trail and Lancaster (main N.-S.) Street, on top of Mass. Highway Dept. granite boundary monument; chiseled square-----	572. 26
Lunenburg Village, 0.4 mi. E. of common, 50 ft. W. of junction of Whitney Street and Mohawk Trail, near E. end of grass triangle at rd. forks, in top of Mass. Highway Dept. boundary monument (6- by 6-in. concrete post protruding 1 ft. above ground); standard tablet stamped "509 B 1922 Prim. Trav. Sta. No. 12 W"-----	509. 604
Reference mark, on N. side of rd., directly opposite tablet, in top of Mass. Highway Dept. boundary monument (6- by 6-in. granite post); chiseled square-----	511. 12
Lunenburg Village, 0.6 mi. E. of common, on E. side of grass triangle at rd. forks, about 4 ft. N. of elm tree, on top of granite boulder; chiseled square-----	435. 05
Lunenburg Village, 0.8 mi. E. of, in small triangle at rd. fork N., at base of telephone pole; surface of small stone-----	400. 91
Lunenburg Village, 1.2 mi. E. of, at rd. forks, on N. side of tarvia rd., opposite gravel rd. SE., in root of 24-in. maple tree; copper nail and washer-----	416. 20
Lunenburg Village, 1.6 mi. E. of, on S. side of tarvia rd., 150 ft. W. of rd. fork SW., on top of Mass. Highway Dept. boundary monument (6- by 6-in. granite post protruding 1 ft. above bank and 3 ft. above rd.); chiseled square-----	367. 10
Lunenburg Village, 1.7 mi. E. of, on S. side of tarvia rd., 97 ft. W. of Mass. Highway Dept. boundary monument at tall granite signpost, on capstone of culvert; chiseled square-----	354. 57
Lunenburg Village, 2.3 mi. E. of N. side of tarvia rd., 80 ft. W. of house on N. side, on top of Mass. Highway Dept. boundary monument (6- by 6-in. post protruding 6 in. above ground); chiseled square-----	381. 76
Lunenburg Village, 2.6 mi. E. of, 100 ft. E. of T-rd. S. (Flat Hill rd.), on S. side of rd., on top of N. wall of catch basin; chiseled square-----	365. 14
Lunenburg Village, 2.7 mi. E. of, 2.7 mi. W. of West Groton, 150 ft. W. of rd. fork NE., on N. side of rd., in top of Mass. Highway Dept. boundary monument (6- by 6-in. granite post protruding 7 in. above ground); standard tablet stamped "Prim. Trav. Sta. No. 13 1922 B 345"-----	345. 499
Reference mark, in E. angle of rd. forks, behind signpost, in root on N. side of chestnut tree; copper nail and washer-----	339. 52
West Groton, 2.6 mi. W. of NW. side of rd., at surface of sill of dam under flash boards of small mill pond; surface of water Sept. 28, 1922.	319. 55
West Groton, 2.4 mi. W. of, on N. side of Massachusetts Avenue, in top of Shirley-Lunenburg town-line boundary post, marked "L-S"; chiseled square-----	309. 79
West Groton, 2.0 mi. W. of, at junction of rd. fork NW., on N. side of rd., in top of granite boulder; chiseled square-----	321. 41
West Groton, 1.5 mi. W. of, in SE. angle of crossroads, just W. of old brick schoolhouse built in 1845, in top of granite boulder; lead plug corner mark-----	387. 32
West Groton, 0.6 mi. W. of, at rd. forks; surface of rd-----	297. 7
West Groton, 0.6 mi. W. of, in SE. angle of rd. forks at rd. S., in top of granite boulder; chiseled square-----	296. 44

West Groton, 0.2 mi. E. of sta., on S. side of highway, on top of 3-ft. milepost marked "To Groton 3 M 1903"; chiseled square-----	<i>Feet</i> 254. 90
West Groton, 0.6 mi. E. of, just S. of Newell sta. (Milford Branch), at center of bridge over track; near N. guard fence; copper nail and washer-----	233. 91
West Groton, 0.8 mi. E. of, on N. side of rd., 20 ft. W. of secondary rd. N., on granite outcrop; chiseled square-----	221. 70
West Groton, 1.1 mi. E. of, at SE. angle of junction of T-rd. S., in root on S. side of 24-in. pine tree; copper nail and washer-----	218. 46
West Groton, 1.2 mi. E. of, 825 ft. W. of T-rd. N., on S. side of highway, on top of granite milepost marked "To Groton 2 miles 1903"; chiseled square-----	215. 92
West Groton, 1.6 mi. E. of, 1.7 mi. W. of Groton, near E. end of S. side of concrete bridge over Nashua River, in base of guard rail; chiseled square (14.5 ft. above surface of water Oct. 14, 1922)-----	214. 27
Groton, 1.1 mi. W. of, on N. side of highway, on top of 12- by 12-in. granite gatepost protruding 3 ft. above ground; chiseled square---	283. 40
Groton, 1.0 mi. W. of, on S. side of highway; top of granite milepost marked "To Groton 1 mile 1903"; chiseled square-----	298. 07
Groton, 0.8 mi. W. of, at junction of West Groton and Nashua rds., on E. side of concrete rd., at concrete enclosure of water meter, on top of E. edge of enclosure; chiseled square-----	332. 75
Groton, 0.6 mi. W. of, in grass triangle at rd. forks, 20, 33, and 105 ft. from center lines of rds. on W., S., and N. sides, respectively; top of hydrant-----	310. 74

From Marlboro quadrangle at point 0.8 mile by air line southwest of Spectacle Pond north along road to its intersection with Still River-North Leominster road, thence west to crossing of Boston & Maine Railroad (Fitchburg Division), thence northeast along railroad to Lunenburg station, thence northwest along highway to Lunenburg Village (by D. H. Baldwin in 1922)

Lancaster, 4.2 mi. N. of, on rd. to Fort Pond, about 3 mi. S. of Lunenburg sta., on W. side of rd., on S. side of woods rd. NW. and just N. of point opposite secondary rd. E., on top of rd. boundary monument (6- by 6-in. granite post protruding 1 ft. above ground); standard tablet stamped "Prim. Trav. Sta. No. 9 W 1922 B 348")-----	347. 850
Reference mark, 51 ft. N. of tablet, in angle between rds. N. and NW., 10 ft. N. of rd. forks, in root of 8-in. elm tree; copper nail and washer-----	349. 44
Lancaster, 4.8 mi. N. of, about 2.4 mi. S. of Lunenburg sta., on W. side of rd., 170 ft. N. of point opposite house E. of rd., in root on W. side of 10-in. pine tree; copper nail and washer-----	355. 62
Lancaster, 5.5 mi. N. of, 1.7 mi. S. of Lunenburg sta., 1.5 mi. W. of Crossroads Lodge, at SW. corner of crossroads just NW. of Little Spectacle Pond, in root on E. side of 20-in. oak tree; copper nail and washer-----	371. 48
Cross Roads Lodge, 2.1 mi. W. of, 0.6 mi. W. of crossroads (intersection of Lancaster-Lunenburg and Still River-North Leominster rds.), at junction of second-class rd. S., 20 ft. S. of center line of main rd., 85 ft. E. of twin oak tree, in top of 4- by 4-in. granite monument; N. edge of hole in top-----	411. 61

Cross Roads Lodge, 2.4 mi. W. of, on North Leominster rd., in SE. angle of junction of farm rd. S., along E. edge of field, 3 ft. N. of W. end of stone wall, 1.4 ft. W. of ash tree, in large exposed root knuckle of same tree; copper nail and washer.....	<i>Feet</i> 415. 73
Lunenburg sta., 1.3 mi. S. of, at Lancaster-Lunenburg town line, in SW. angle of junction of Harvard and Mechanic Streets, S. of R. R. tracks, on town-line boundary post (12- by 12-in. granite post with pyramidal top, protruding 4 ft. above ground, and chiseled "L L 1906"); top of post.....	420. 33
Lunenburg sta., 0.8 mi. S. of, 8 ft. W. of W. rail, on top of granite milepost marked "B 43"; chiseled square.....	402. 50
Lunenburg sta., 0.6 mi. S. of, 8 ft. W. of W. rail, on SE. corner of base of semaphore 427; top of bolt.....	396. 92
Lunenburg sta., 0.2 mi. S. of, at culvert 59, on W. end of N. retaining wall; chiseled square.....	386. 05
Lunenburg sta., 0.2 mi. NW. of, on NE. side of rd., just W. of Maplewood Farm house, on NW. corner of concrete catch basin; chiseled square.....	379. 70
Lunenburg sta., 0.9 mi. NW. of, 3.4 mi. S. of Lunenburg Village, at NW. corner of Gibson Street and Lancaster Avenue, in root on N. side of 32-in. elm tree; copper nail and washer.....	359. 37
Lunenburg Village, 3.0 mi. S. of, on W. side of rd., on N. side of stream crossing under rd., in trunk of twin oak tree; copper nail and washer.....	358. 70
Lunenburg Village, 2.7 mi. S. of, on E. side of Lancaster Avenue, opposite rd. W. past N. side of Massapoag Pond, in root on E. side of ash tree close to stone wall; copper nail and washer.....	404. 28
Lunenburg Village, 2.5 mi. S. of, at N.W. corner of crossroads, just back of and close to curved stone wall, at base on E. side of 30-in. maple tree, 5.4 ft. above surface of rd. at intersection, in top of 6- by 6-in. granite monument marked "52" on its S. side; standard tablet stamped "Prim. Trav. Sta. No. 11 W 1922 B 400".....	399. 814
Reference mark, in SW. corner of crossroads, in root on E. side of 24-in. maple tree; copper nail and washer.....	396. 93
Lunenburg Village, 2.2 mi. S. of, at NE. angle of T-junction of rd. E. down steep hill, in top of granite boulder; chiseled square.....	420. 03
Lunenburg Village, 1.8 mi. S. of, on E. side of rd. opposite triangular plot at rd. W. and SE. of house in NW. angle, 60 ft. E. of signpost, at corner of stone wall, on top of 5- by 5-in. granite monument; chiseled square.....	351. 61
Lunenburg Village, 1.2 mi. S. of, 54 ft. NW. of signboard at S. end of large triangular plot at rd. leading E. to Shirley, 15 ft. W. of center line of rd., SE. of house on same side of rd., 2.5 ft. from nearest vertical side of elm tree measuring 15 ft. in circumference, in exposed root on SE. side of same tree; copper nail and washer.....	384. 78
Lunenburg Village, 0.7 mi. S. of common, at crest of hill, on W. side of rd., opposite house on hill on E. side, 25 ft. S. of end of stone wall, in root on W. side of ash tree; copper nail and washer.....	536. 84

From road forks 1.2 miles east of Lunenburg Village southeast along roads to crossroads at Shirley Center, thence south along roads into Marlboro quadrangle at point between Oak Hill Pond and Whittemore Hill (by D. H. Baldwin in 1922)

Lunenburg Village, 1.5 mi. E. of, in central triangle at rd. forks (junction of Pine and Arbor Streets), SE. of guidepost, in root on N. side of 30-in. elm tree; copper nail and washer-----	Feet 418. 08
Lunenburg Village, 1.8 mi. SE. of, 3.8 mi. NW. of Shirley Center, E. of Lane Pond, on E. side of rd., 55 ft. S. of SW. corner of house, 36 ft. E. of stone wall, in root on W. side of trunk of elm tree 8.5 ft. in circumference at point 2 ft. above ground; copper nail and washer--	388. 14
Lunenburg Village, 2.5 mi. SE. of, 2.7 mi. by direct rd. (3.3 mi. by 'southern route') NW. of soldiers' monument at Shirley Center, 60 ft. E. of junction of rd. N., on E. side of gateway to field N. of rd., on 2-ft. rock at end of stone wall; chiseled square-----	377. 06
Lunenburg Village, 2.6 mi. SE. of, 2.6 mi. by direct rd. (3.2 mi. by southern route) NW. of soldiers' monument at Shirley Center, in SE. angle of rd. forks at junction of rd. S. to Dead Pond, 4 ft. S. of 6- by 20-in. granite signpost protruding 6.5 ft. above ground, in depression below rd. level, on outcrop flush with ground; chiseled square-----	388. 49
Shirley Center, 2.6 mi. by southern route W. of, opposite small dead pond NE. of much larger one bearing name of Dead Pond; lowest point of rd.-----	339. 8
Shirley Center, 2.4 mi. W. of, in E. angle of rd. forks at junction of secondary rd. S. past E. side of Dead Pond, 10 ft. W. of corner of stone wall, in root on E. side of 10-in. oak tree; copper nail and washer-----	350. 77
Shirley Center, 2.2 mi. W. of, on S. side of rd., about 200 ft. E. of center of house on N. side and 42 ft. E. of shed that is E. of barn on S. side, level with summit of rd. and 36 ft. W. of it, in rock near stone wall; chiseled square-----	418. 24
Shirley Center, 1.9 mi. W. of, 42 ft. NW. of center of crossroads (N.-S. rd. is called Flat Hill rd.), near stone wall, on rock; standard tablet stamped "Prim. Trav. Sta. No. 27 W. 1922 B 374"-----	374. 548
Reference mark, 75 ft. SE. of tablet, in SE. angle of crossroads, in root on W. side of 7-in. walnut tree; copper nail and washer-----	375. 03
Shirley Center, 1.4 mi. W. of, 11 ft. S. of rd., on top of Shirley-Lunenburg town-line monument (8- by 8-in. granite post protruding 3 ft. above ground and about 4 ft. above rd. level, marked "S" on one side and "L" on opposite side; chiseled square-----	352. 85
Shirley Center, 0.8 mi. W., thence 0.3 mi. S. from, 180 ft. W. of rd. forks and 3.3 ft. lower than rd. at S. point of grass triangle at rd. forks, on S. side of rd. W. opposite house on N. side, in wall, in 6- by 2- by 1-ft. rectangular rock; chiseled square-----	344. 19
Shirley Center, 0.8 mi. W. of, at rd. forks, 144 ft. E. of signpost and fence corner NE. of house in W. angle, about 60 ft. E. of E. corner of grass triangle, in top of 10-ft. round boulder protruding 4 ft. above ground; chiseled square-----	355. 93
Shirley Center, 0.7 mi. W. of soldiers' monument, on N. side of rd., on top of 6- by 4-ft. boulder; chiseled square-----	352. 12

Shirley Center, 0.4 mi. W. of soldiers' monument, 45 ft. SW. of summit of rd., 2 ft. N. of stone wall, in root on W. side of 18-in. maple tree; copper nail and washer-----	<i>Feet</i> 416. 65
Shirley Center, about 0.4 mi. W. of soldiers' monument, at summit of rd., at N. edge of wheel track, on rock; chiseled square-----	415. 75
Shirley Center, in grass common, 30 ft. E. of center of soldiers' monument, 27 ft. W. of center of rd. on E. side of common, in outcrop of rock flush with ground; standard tablet stamped "Prim. Trav. Sta. No. 22 W. 1922 B 402"-----	402. 596
Reference mark, 157 ft. W. of tablet, on W. side of common, at W. angle of rd. forks, in root on NE. side of maple tree; copper nail and washer-----	402. 82
Shirley Center, 0.4 mi. S. of soldiers' monument, on S. edge of E. end of 28-in.-span concrete culvert, 0.46 ft. above under surface of span slab, in rough surface; top of round stone-----	375. 55
Shirley Center, 0.7 mi. S. of, at NE. angle of crossroads, in root on W. side of spruce tree; copper nail and washer-----	419. 26
Shirley Center, 0.8 mi. S. of, 25 ft. W. of center line of rd., on top of 6- by 6-in. granite boundary monument protruding 1.4 ft. above ground, on letter "B" cut in top; center of lower loop of "B"-----	409. 38
Shirley Center, 1.0 mi. S. of, 1.0 mi. N. of R. R. sta. at Shirley Village opposite rd. fork W., in root on E. side of pine tree; copper nail and washer-----	392. 17
Shirley Village, 0.8 mi. N. of R. R. sta., on Center Street, 0.9 mi. N. of R. R. crossing; rd. summit-----	387. 2
Shirley Village, 0.5 mi. N. of R. R. sta., on Center Street at point 0.6 mi. N. of R. R. crossing, on E. side of stone wall, on boundary monument with letters "S W W D" cut on top, on corner of top of monument; chiseled square-----	363. 88
Shirley Village, 1,133 ft. N. of R. R. crossing, on E. side of Center Street, on top of end of cement culvert; chiseled square-----	312. 51
Shirley Village, at Center Street crossing of R. R.; top of N. rail----	285. 6
Shirley Village, in front of sta.; top of S. rail-----	283. 5
Shirley Village, on N. edge of arch bridge over brook, directly over center of arch, on capstone; standard tablet stamped "Prim. Trav. Sta. No. 26 W 1922 B 268"-----	267. 936
Shirley Village, 0.06 mi. uphill S. of bridge over brook, on S. side of rd., just N. of church at street SE.; top of hydrant-----	293. 21
Shirley Village, on SE. side of Lancaster Street, about 0.3 mi. S. of South Street, in triangular plot between private driveways; top of hydrant-----	333. 73
Shirley Village, 0.6 mi. SW. of bridge, on SE. side of rd., at NE. side of driveway into orchard, on top of 6- by 6-in. granite boundary post protruding 6 in. above ground; chiseled square-----	357. 10
Shirley Village, 0.8 mi. SW. of bridge, on W. side of rd., just S. of private rd. SW. into woods; top of 6- by 6-in. granite boundary post protruding 6 in. above ground; chiseled square-----	384. 76
Shirley Village, 1.2 mi. SW. of bridge, 1.0 mi. N. of Cross Roads Lodge, on E. side of rd., 60 ft. N. of point opposite center of house on E. side, on fence line, on top of 7- by 7-in. granite boundary monument; chiseled square-----	392. 39

Cross Roads Lodge, 0.5 mi. N. of, on W. line of rd., 8 ft. N. of 20-in. chestnut tree, in top of 6- by 6-in. granite boundary monument protruding 6 in. above ground; chiseled square-----	<i>Feet</i> 403. 84
Cross Roads Lodge, 0.2 mi. N. of, on E. side of highway, at rd. level, on cement boundary post protruding 2 ft. above ground and marked "S" on each side; highest point of pyramidal top of post-----	410. 70
Cross Roads Lodge, in SW. angle of crossroads, S. of Ye Olde Brick Tavern (in NW. angle), on top of granite highway boundary monument protruding 6 in. above ground; standard tablet stamped "Prim. Trav. Sta. No. 25 W 1922 B 415"-----	415. 462
Reference mark, 100 ft. E. of tablet, in NE. angle of crossroads, near rd. E., in front of house, in root on S. side of southernmost one of 7 closely clustered trees; copper nail and washer-----	414. 13
Cross Roads Lodge, 0.5 mi. S. of, 24 ft. W. of center line of Lancaster rd., on top of highway boundary post 15 (6- by 6-in. granite post protruding 1 ft. above ground); chiseled square-----	411. 88
Cross Roads Lodge, 0.9 mi. S. of, on E. side of rd., at foot of hill, on W. side and in base of 32-in. oak tree, on raised knob in notch; copper nail and washer-----	336. 87
From Marlboro quadrangle at point southeast of Cranberry Pond northeast along road to point 0.6 mile west of main entrance to Camp Devens (by D. H. Baldwin in 1922)	
Still River sta., 1.0 mi. NW. of, at S. corner of crossroads SE. of Cranberry Pond, in root on E. side of 10-in. pine tree; copper nail and washer-----	267. 64
Still River sta., 1.5 mi. N. of, 0.5 mi. NE. of rd. fork to Cranberry Pond, on E. side of rd., on top of 6- by 8-in. granite monument protruding 8 in. above ground; chiseled square-----	263. 71
Still River sta., 1.8 mi. N. of, on W. side of rd., in front of ammunition house, in root on S. side of 60-in. elm tree at point about 4 ft. S. of center of tree; copper nail and washer-----	254. 68
Still River sta., 1.9 mi. N. of, about 400 ft. N. of ammunition house, on SW. end of concrete culvert with 4-ft. span; chiseled square-----	221. 06
Still River sta., 2.3 mi. N. of, at W. end of wooden trestle bridge over Nashua River, on N. guard rail at point 8 in. above floor of bridge; head of last bolt-----	221. 60
Nashua River; surface of water Oct. 2, 1922-----	214. 2
Still River sta., 2.5 mi. N. of, about 0.4 mi. S. of S. gate of Camp Devens, 0.2 mi. NE. of highway bridge over Nashua River, on E. side of rd., near rd. forks, 108 ft. N. of fork E., 135 ft. S. of fork SE. (rd. joining one E. to Harvard), in top of 8-in. walnut stump 2 ft. high; copper nail and washer-----	223. 73
Camp Devens, 0.2 mi. S. of S. gate, 0.5 mi. N. of bridge over Nashua River, on E. side of rd., in W. side of outcrop on bank; chiseled square-----	291. 20
Camp Devens, about 480 ft. N. of S. gate, 0.8 mi. N. of bridge over Nashua River, on E. side of rd., in rock ledge nearly flush with ground; standard tablet stamped "Prim. Trav. Sta. No. 20 W 1922 B 339"-----	339. 407
Reference mark, about 148 ft. N. of tablet, 628 ft. N. of S. gate of Camp Devens, on W. side of rd., in root on S. side of 20-in. double elm tree; copper nail and washer-----	342. 65

Camp Devens, at corner of 21st Street and Hospital Avenue, in center of tarvia rd. surface; chiseled square-----	<i>Feet</i> 361. 04
Camp Devens, just NE. of officers' mess, on E. side of Hospital Avenue, on S. side of stable; on top of highest point of 4- by 2- by 2-ft. rock used as hitching post; chiseled square-----	359. 33
Camp Devens, at junction of Hospital Avenue and Street SW., opposite billet 1124, in pavement of rd.; chiseled triangle-----	346. 00
Camp Devens, at junction of Borden Road and Hospital Avenue, on E. side of path N., in root on S. side of 8-in. pine tree; copper nail and washer-----	340. 61
Camp Devens, at boiler house 11, at S. smokestack, on square steel base plate at point near its NE. corner; chiseled square-----	323. 61
Camp Devens, at T-junction of Outer Road South and street, in tarvia rd. surface; chiseled cross-----	327. 7
Camp Devens, in Outer Road at point 0.2 mi. N. of its T-junction with street, in tarvia rd. surface; chiseled cross-----	306. 6
Camp Devens, in S. angle of T-junction of Outer Road North and street, in root of 8-in. oak tree; copper nail and washer-----	271. 22
Camp Devens, on NW. side of Outer Road North, W. of rd NW. at snipers' range, at N. end of drain under Outer Road, in top of concrete end wall; chiseled square-----	261. 17

HAVERHILL QUADRANGLE

[Latitude 42°45'-43°; longitude 71°-71°15']

ESSEX COUNTY

From Bradford north along Boston & Maine Railroad to Massachusetts-New Hampshire State line (by C. E. Reick in 1931)

U. S. C. & G. S. B. M. designated "H 1"-----	<i>Feet</i> 37. 917
Haverhill, 1.0 mi. N. of sta., at R. R. bridge over small stream, on SW. corner of stone abutment; chiseled square-----	27. 29
Haverhill, 2.0 mi. N. of sta., 1.5 mi. S. of Atkinson Depot (N. H.), 8 ft. W. of W. rail, on concrete base of block signal D-348; chiseled square-----	35. 71
Atkinson Depot (N. H.), 1.0 mi. S. of, 220 ft. N. of Rosemont sta., 6 ft. W. of W. rail, on ledge; chiseled square-----	49. 83

HAWLEY QUADRANGLE

[Latitude 42°30'-42°45'; longitude 72°45'-73°]

BERKSHIRE, FRANKLIN, AND HAMPSHIRE COUNTIES

From Greenfield quadrangle at point 1.8 miles (air line) north of Mount Owen west, north, and northeast along roads into Greenfield quadrangle at point 1.7 miles southwest of Shelburne Falls (by E. M. Wheeler in 1933)

Ashfield, about 3.6 mi. by winding rds. NE. of, about 4.2 mi. by route rd. SW. of town hall at Shelburne Falls, 125 ft. N. of wall of cemetery, 10 ft. E. of center line of rd., in root on NW. side of 24-in. maple tree; copper nail and washer-----	<i>Feet</i> 1, 192. 28
Shelburne Falls, 3.0 mi. by route rd. SW. of, 0.4 mi. N. of Buckland-Ashfield town line, 8 ft. W. of center line of rd., in root on E. side of 24-in. maple tree; copper nail and washer-----	1, 188. 86

LAWRENCE QUADRANGLE

[Latitude 42°30'-42°45'; longitude 71°-71°15']

ESSEX AND MIDDLESEX COUNTIES

From Lowell quadrangle at point northeast of Poplar Hill east along road just south of Massachusetts-New Hampshire State line to its junction with road from Salem Depot, New Hampshire, thence north to State line (by C. E. Reick in 1831)

Methuen, 3.1 mi. by rd. NW. of, 3.1 mi. S. of Salem Depot, at Juniper Park, 40 ft. NE. of crossroads, on boulder; chiseled square-----	<i>Feet</i> 179. 46
Methuen, 2.1 mi. NW. of, 3.2 mi. S. of Salem Depot, at Mass.-Conn. State line, 6 ft. S. of State-line monument, on boulder; chiseled square-----	142. 12

LONGMEADOW QUADRANGLE

[Latitude 42°-42°7'30"; longitude 72°30'-72°37'30"']

HAMPDEN COUNTY

From Massachusetts-Connecticut State line at point on New York, New Haven & Hartford Railroad between Longmeadow and Thompsonville north along railroad 0.5 mile, thence east and north along roads by way of East Longmeadow into Palmer quadrangle at Sixteen Acres (by R. G. Clinite in 1833)

Longmeadow, 2.0 mi. S. of R. R. sta., 2.2 mi. N. of Thompsonville (Conn.), on E. side of R. R., at base of semaphore H 56.2, on side nearest tracks; top of S. bolt-----	<i>Feet</i> 57. 17
Longmeadow, 2.6 mi. by rd. SE. of, 0.2 mi. N. of Mass.-Conn. State line, 65 ft. W. and 15 ft. N. of junction of Long Meadow Street and Meadow Road, in root on SE. side of 15-in. maple tree; copper nail and washer-----	142. 20
Longmeadow, 2.1 mi. by rd. S. of, 40 ft. N. and 40 ft. W. of junction of Long Meadow Street and Maple Road, in root on N. side of 40-in. elm tree; copper nail and washer-----	117. 92
Longmeadow, 2.9 mi. by direct rd. SE. of, at intersection of Maple and Hazardville Roads, on Mass.-Conn. State line, in center of top of State-line monument; rim of small hole-----	167. 84
Longmeadow, 3.3 mi. by rd. SE. of, 3.7 mi. by rd. SE. of East Longmeadow, 38 ft. N. of Mass.-Conn. State line, 30 ft. E. of Shaker rd., 30 ft. N. of Maple rd., 18 ft. NW. of small lone pine tree, in top of 9- by 9-in. stone post set flush with ground; standard tablet stamped "C 8 1933 190"-----	189. 936
Reference mark, 40 ft. SE. of tablet, in top of Mass.-Conn. State-line monument; rim of small hole-----	192. 73
East Longmeadow, 2.5 mi. by route taken SW. of, 0.2 mi. W. of E. edge of burned area, 20 ft. N. of Maple Road, in root of 12-in. black-oak tree; copper nail and washer-----	207. 94
East Longmeadow, 1.6 mi. S. of, 0.3 mi. E. of R. R. crossing, 12 ft. S. and 25 ft. W. of junction of Maple and Shaker Roads, in root on N. side of 45-in. maple tree; copper nail and washer-----	211. 603
East Longmeadow, 0.8 mi. S. of, 25 ft. S. and 15 ft. E. of center line of intersection of Shaker Road and Chestnut Street; N. side of rim of water valve-----	226. 67
East Longmeadow, in N. brownstone wall of town hall, 18.7 ft. W. of NE. corner of building, 2.5 ft. above ground; standard tablet stamped "C 7 1933 226"-----	226. 200
Reference mark, 45 ft. S. and 175 ft. E. of tablet, in triangular common, on small monument supporting flagpole, on NW. corner of granite base; extreme corner-----	225. 76

East Longmeadow, 0.6 mi. N. of town hall, 15 ft. S. and 25 ft. W. of intersection of Mapleshade Avenue and Elm Street, in root on E. side of 36-in. white-oak tree; copper nail and washer-----	<i>Feet</i> 226. 02
East Longmeadow, 1.6 mi. NE. of, about 2.0 mi. S. of Sixteen Acres, on SE. side of Cooley Street at Springfield-East Longmeadow town line, on top of granite stone bound; high point in chiseled square----	231. 70
Sixteen Acres, 1.6 mi. S. of, 55 ft. S. of center of intersection of Cooley and Allen Streets, 25 ft. W. of center line of Cooley Street, in root on W. side of 15-in. oak tree; copper nail and washer-----	242. 78

From Springfield municipal building along State Street (Boston road) north-east into Chicopee quadrangle (by R. G. Clinite in 1933)

Springfield, on S. side of State Street, at NE. corner of Masonic Temple, on corner stone; top horizontal line in letter "F" in "Fraternity"-----	165. 07
Springfield, at Winchester Square, in E. angle of junction of State Street (Boston rd.) and Wilbraham rd., on W. side of fire sta., on S. side of center entrance between truck doors, 2.5 ft. above sidewalk, on corner of stone water table; chiseled triangle at point of arrow-----	208. 26
Springfield, 100 ft. S. of Boston rd. (State Street), in grounds of Massachusetts Mutual Life Insurance Co., 350 ft. E. of front entrance, in granite base of flagpole, on W. side of octagonal block; standard tablet stamped "C 1 1933 213"-----	213. 268

From Springfield along highway southwest into Feeding Hills quadrangle (by R. G. Clinite in 1933)

West Springfield, on W. abutment of Hampden County Memorial Bridge over Connecticut River, on S. side of S. coping, at base of SW. corner of pilaster 3 in. E. of angle formed by junction of wing-wall with base of belt course; chiseled square-----	79. 87
West Springfield, in NW. angle of junction of Highways 20 and 57, at Catholic Church, on SW. corner of capstone, at base of W. pillar, 1.5 ft. above sidewalk; chiseled square-----	59. 36

LOWELL QUADRANGLE

[Latitude 42°30'-42°45'; longitude 71°15'-71°30']

MIDDLESEX COUNTY

From Groton quadrangle at point southeast of Littleton southeast along highway to Boxboro station, on Boston & Maine Railroad (Fitchburg Division), thence south along road into Framingham quadrangle (by D. H. Baldwin in 1922)

Boxboro, about 135 ft. W. of W. corner of sta., at SW. angle of rd. forks, near house on knoll, at corner of stone wall around yard, in root on E. side of elm tree; copper nail and washer-----	<i>Feet</i> 249. 98
Boxboro, just N. of sta., 216 ft. E. of last-described bench mark, on E. side of track, on top of 12- by 12-in. tall granite milepost; chiseled square-----	246. 77

From Massachusetts-New Hampshire State line near Salmon Brook southwest along Boston & Maine Railroad (Nashua & Acton Branch) into Groton quadrangle (by D. H. Baldwin in 1922)

Dunstable, 1.6 mi. N. of, at Mass.-N. H. State line, 36 ft. E. of center of track, on top of State-line monument (14- by 14-in. granite post protruding 4 ft. above ground and with its top level with track); highest point near center of top-----	<i>Feet</i> 171. 28
Dunstable, 0.4 mi. N. of, 1.3 mi. S. of Mass.-N. H. State line, 25 ft. E. of center of track, at E. end of culvert over brook, in center of capstone; chiseled square-----	166. 47
Dunstable, 540 ft. N. of sta., at rd. crossing; top of E. rail-----	170. 7
Dunstable, in front of sta.; top of rail-----	169. 7
Dunstable, 430 ft. NE. of sta., on W. side of rd. forks behind signpost, in grass triangle, 20 ft. from center of each rd., in top of reinforced concrete-block post; standard tablet stamped "164 B 1922"-----	163. 776
Dunstable, 150 ft. S. of sta., 20 ft. W. of center of track, in W. end of S. emergency rail support; top of spike-----	171. 07
Dunstable, 0.5 mi. S. of, at culvert over brook; spike in rail-----	181. 2
Dunstable, 0.6 mi. S. of, at NW. corner of rd. crossing, on top of protruding granite boulder; chiseled square (R. R. or highway B. M.)-----	184. 23
Dunstable, 0.6 mi. S. of, at crossing of Pepperill rd.; top of E. rail----	182. 9

From Groton quadrangle at point south of East Groton southeast along Nashua & Acton Branch of Boston & Maine Railroad to West Graniteville, thence southwest along Stony Brook Branch of same railroad and back into Groton quadrangle (by D. H. Baldwin in 1922)

West Graniteville, 1.5 mi. NW. of, 2.5 mi. S. of East Groton, at overhead highway bridge, 13.5 ft. below floor of bridge, on N. end of lower bench of E. foundation, near face of upper part of foundation pier; chiseled square-----	253. 52
West Graniteville, 0.3 mi. NW. of, 120 ft. NE. of track, 15 ft. NE. of highway, on face of large boulder at point about 1.1 ft. above chiseled square on small stone; standard tablet stamped "238 B 1922"-----	238. 628
West Graniteville, 70 ft. NW. of sta., at E. corner of highway crossing, at W. corner of retaining wall, on top of granite stone of wall; chiseled square-----	227. 60
West Graniteville, 0.1 mi. SE. of, about 1 mi. NE. of Forge Village, at trestle of Acton Branch of B. & M. R. R. over Stony Brook Branch of same R. R., at W. end of N. pier of trestle; chiseled square-----	215. 20
Forge Village, 0.6 mi. E. of, at NE. corner of highway crossing, in concrete base of steel warning post; chiseled square-----	194. 81
Forge Village, just E. of sta., at NW. corner of rd. crossing, on concrete base of steel rail warning signpost; chiseled square-----	207. 53
Forge Village, opposite sta.; top of rail-----	206. 8

On Massachusetts-New Hampshire State line at point northeast of Poplar Hill and southeast of North Pond (by C. E. Reick in 1931)

Methuen, 4.2 mi. by rd. NW. of, 4.6 mi. NE. of Pelham, at crossing of Mass.-N. H. State line, on W. side of rd., on concrete base of State-line monument; chiseled square-----	187. 21
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MANOMET QUADRANGLE

[Latitude 41°52'30"-42°; longitude 70°30'-70°37'30"]

PLYMOUTH COUNTY

From Sagamore quadrangle near Morey Hole along roads northwest, southwest, and northwest by way of Clam Pudding and Long Ponds into Plymouth quadrangle (by M. A. Roudabush in 1932)

[Line jogs into Sagamore quadrangle]

	<i>Feet</i>
Clam Pudding Pond, 0.2 mi. SE. of, 20 ft. SE. of junction of T-rd. N., in root on SE. side of 8-in. oak tree; copper nail and washer-----	87. 04
Clam Pudding Pond, 0.5 mi. NW. of, 1.5 mi. N. and 2.9 mi. W. by air line from Vallersville (near Ship Pond), 1.5 mi. NE. of N. end of Long Pond, 1.0 mi. S. of Telegraph Hill, in NW. corner of intersection of Sandwich-Plymouth old stage rd. and NE.-SW. rd. (public rd. SW. to Long Pond and second-class rd. NE. to Fresh Pond), 12 ft. N. and 22 ft. W. of intersection, 2.5 ft. S. of corner of 10-ft. wire fence around private estate of R. B. Symington, in concrete post; standard tablet stamped "TT 9 K 1932"-----	97. 692
Reference mark, 350 ft. S. (magnetic) of tablet, 12 ft. W. of rd., in root on W. side of 6-in. pine tree; copper nail and washer-----	100. 82
Long Pond, 1.1 mi. NE. of, 1.3 mi. (air line) S. of Telegraph Hill, 1,100 ft. NE. of summit of rd., 100 ft. NE. of bend, on E. side of rd., in top of embedded boulder; chiseled square-----	173. 56
Long Pond, 0.9 mi. NW. of, opposite driveway S. between stone pillars, 10 ft. NE. of rd., in root 1 ft. SE. of 8-in. oak tree; copper nail and washer-----	198. 28

From Plymouth quadrangle near Eel River southeast along State Highway 3 into Sagamore quadrangle at Vallersville, near Ship Pond (by R. G. Clinite in 1933)

Plymouth, 2.6 mi. SE. of post office, at Eel River bridge, on E. wing wall of E. stone abutment, in fourth course of masonry below bridge floor; standard tablet stamped "C 15 1933"-----	13. 137
Reference mark, 140 ft. E. of tablet, on SE. side of entrance ramp to public bathing beach, on NW. end of concrete sea wall; chiseled square-----	12. 51
Plymouth, 3.6 mi. SE. of, 2.4 mi. NW. of Manomet four corners, in E. angle of junction of highway and dirt rd. to White Horse Beach, on SW. corner of stone bound; chiseled circle-----	96. 70
Manomet four corners, 1.3 mi. NW. of, 230 ft. NW. of junction of State Highway 3 and second-class T-rd. S. to Pine Hills Development and Manomet triangulation sta., 25 ft. S. of center line of highway, on top of 3- by 8- by 2-ft. granite boulder; standard tablet stamped "TT 8 K 1932"-----	264. 978
Reference mark, 40 ft. W. of tablet, in root of 10-in. black-oak tree; copper nail and washer-----	263. 18
Manomet four corners, 160 ft. SE. of, 28 ft. NE. of center line of State Highway 3, at entrance steps to church, on SE. one of two stones with pyramidal tops; highest point on stone-----	88. 66
Manomet, 50 ft. N. and 18 ft. W. of junction of State Highway 3 and Point Rd. NE. to Manomet Point and U. S. Coast Guard sta., 45 ft. S. and 20 ft. W. of SW. corner of Caesars Corner Sandwich Shop, 5 ft. E. of E. edge of sidewalk, 2.5 ft. NW. of a "Tydol" sign, in concrete post; standard tablet stamped "TT 7 K 1932"-----	89. 619
Reference mark, 55 ft. W. and 75 ft. S. of tablet, on top of stone bound; chiseled circle-----	90. 21

	<i>Feet</i>
Fresh Pond; surface of water August 8, 1933, at 2:00 p. m.-----	14. 0
Fresh Pond, about 400 ft. E. of E. shore, at E. end of Raymonds Camp Grounds, in SW. angle of junction of route rd. with dirt rd. to Indian reservation, in root of double-oak tree; copper nail and washer-----	24. 33
Fresh Pond, 1.0 mi. SE. of, 40 ft. SW. of Highway 3, in grass triangle at forks of dirt rd. marked "Indian Brook", in root of 11-in. white- oak tree; copper nail and washer-----	34. 88
Indian Brook Pond; surface of water Aug. 8, 1933, at 4:40 p. m.-----	28. 80

From Plymouth quadrangle near Mill Pond along roads northeast and
northwest about 1 mile and back into Plymouth quadrangle (by R. G.
Clinite in 1933)

Mill Pond, 0.7 mi. NE. of, in NW. angle of crossroads, in root on N. side of forked maple tree; copper nail and washer-----	40. 08
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MARLBORO QUADRANGLE

[Latitude 42°15'-42°30'; longitude 71°30'-71°45']

MIDDLESEX AND WORCESTER COUNTIES

From Framingham quadrangle at point near Boxboro west and southwest along
roads to North Village, thence northwest into Groton quadrangle at point near
Spectacle Pond (by D. H. Baldwin in 1922)

[Line jogs into Groton quadrangle]

	<i>Feet</i>
West Acton, 1.2 mi. W. of, just E. of junction of rd. fork S., on N. end of granite capstone of drain; chiseled square-----	236. 08
West Acton, 1.5 mi. W. of, at N. end of culvert over brook, in center of granite capstone; chiseled square-----	232. 39
West Acton, 2.0 mi. W. of, at NW. angle of crossroads, on top of large round boulder (memorial monument to World War veterans); top of highest sharp stone-----	308. 47
West Acton, 2.2 mi. W. of, 25 ft. S. of center of rd., on S. side of granite boulder; chiseled angle notch in center of chiseled triangle-----	340. 77
West Acton, 3.1 mi. W. of, 3.3 mi. E. of Harvard Village, at SW. angle of crossroads, 0.5 ft. higher than rd. intersection, on top of 4- by 2-ft. granite boulder protruding 1.5 ft. above ground; chiseled square-----	294. 70
Harvard Village, 3.0 mi. SE. of, at sharp angle at junction of rd. fork NE., on top of large granite guidepost protruding 4 ft. above ground; chiseled square-----	289. 60
Harvard Village, 2.5 mi. SE. of, at Sunnybrook Farm, in SW. angle of junction of rd. fork S., on top of large granite boulder in stone wall; standard tablet stamped "Prim. Trav. Sta. No. 18 W 281 B 1922"-----	281. 290
Reference mark, directly E. of tablet, in grass triangle, in root on W. side of white-ash tree; copper nail and washer-----	279. 07
Harvard Village, 2.1 mi. SE. of, on W. side of N.-S. connecting rd. at point where county rd. to Littleton runs close to tarvia rd., 58 ft. W. of tree in grass triangle, 22 ft. N. of center line of tarvia rd., on seat cut on S. slope of 9- by 4-ft. boulder; chiseled square-----	371. 76
Harvard Village, 1.8 mi. SE. of, at NW. angle of junction of T-rd. N., 26 ft. N. of center line of tarvia rd., on embedded granite rock flush with bank; chiseled square-----	434. 72
Harvard Village, 1.7 mi. SE. of, about 100 ft. E. of junction of old and new rds. to Harvard Village, on N. end of culvert, on concrete head wall; chiseled square-----	433. 03

Harvard Village, 1.1 mi. SE. of, 50 ft. W. of center of rock cut through summit, on N. side of rd., 3.6 ft. above highest point of rd. surface, in schist ledge; chiseled square-----	<i>Feet</i> 490. 16
Harvard Village, 0.9 mi. SE. of, 43.1 ft. NE. of center of junction of 5 rds., at NE. end of culvert under tarvia rd., on granite capstone; chiseled square-----	509. 55
Harvard Village, 0.5 mi. SE. of, 120 ft. NW. of sharp curve in fence, on NE. side of Y-rd. forks, N. of culvert under tarvia rd., in woods, on large boulder; chiseled square-----	467. 46
Harvard Village, 0.4 mi. SE. of, at junction of rd. fork S., at SW. end of culvert under tarvia rd., on capstone; chiseled square-----	428. 15
Harvard Village, 1.3 mi. W. of, about 0.7 mi. NE. of post office at Still River, at W. end of granite wall, in front of Bellevue Cemetery; top of end post-----	448. 89
Still River, about 0.2 mi. NE. of post office, about 60 ft. S. of rd. forks, on E. end of culvert under rd. S., on capstone; chiseled square-----	410. 39
Still River, 595 ft. NE. of post office, on SE. side of rd., in stone wall, in top of 6- by 6-in. granite monument protruding 2 ft. above ground and marked "W C 64" on its W. face; standard tablet stamped "Prim. Trav. Sta. No. 6 W 1922 B 415"-----	415. 162
Still River, just S. of sta., at NE. angle of crossing of R. R. and rd., on concrete base of steel warning post; chiseled square-----	248. 66
Still River, just S. of sta., at rd. crossing of R. R.; top of E. rail----	247. 6
Still River, 358 ft. SW. of R. R. crossing, near E. end of highway bridge over Nashua River, on S. side of rd., on top of Harvard-Lancaster town-line monument (12- by 12-in. granite post protruding 3 ft. above ground and marked "H" on one side and "L" on opposite side); chiseled square-----	235. 47
Still River sta., 0.08 mi. SW. of, on S. side of steel bowstring truss bridge, at center of span; transverse floor girder projecting from under floor-----	229. 69
Still River sta., 0.4 mi. SW. of, about 80 ft. E. of rd. forks, on N. side of rd., in top of 8- by 8-in. concrete post; top of protruding reinforcing rod-----	250. 46
Still River sta., 0.5 mi. SW. of, at W. angle of rd. forks, near large elm tree, in top of 10- by 10-in. granite post; chiseled square-----	254. 66
Still River sta., 1.0 mi. SW. of, at N. side of rd. forks, 35 ft. N. of large pine tree, in top of 8- by 8-in. concrete post; top of protruding iron reinforcement-----	241. 99
Still River sta., 1.6 mi. SW. of, on W. side of rd., at S. end of drain under driveway to brick house W. of rd.; center of capstone-----	305. 77
Still River sta., 1.9 mi. SW. of, 2.5 mi. NE. of Lancaster sta., at SW. angle of rd. forks, at fence corner, on top of 8- by 10-in. granite post protruding 1.5 ft. above ground; standard tablet stamped "Prim. Trav. Sta. No. 7 W 1922 B 326"-----	325. 857
Reference mark, 130 ft. NE. of tablet, at SE. corner of junction with old rd. E. around hill, on small boulder with 3- by 2-ft. exposed surface at edge of rd.; chiseled square-----	325. 88
Lancaster sta., 2.1 mi. NE. of, 200 ft. SW. of brick house, 15 ft. NW. of center of rd., on embedded granite boulder 2 ft. in diameter; chiseled square-----	350. 85

Lancaster sta., 1.9 mi. NE. of, on NW. side of rd., on top of E. edge of watering trough made from granite monolith; chiseled square...	<i>Feet.</i> 320. 08
Lancaster sta., 1.7 mi. NE. of, in N. angle of Y-rd. forks, N. of short-cut rd. and grass triangle, in top of 8- by 8-in. granite highway monument; chiseled square.....	319. 81
Lancaster sta., 0.9 mi. N. of, at NE. corner of crossroads, in front W. side of house, on top of hitching post; bolt of iron ring.....	287. 71
Lancaster sta., 0.9 mi. N. of, at SW. corner of above-mentioned crossroads, in NE. corner of large grass triangle, in root on W. side of large maple tree; copper nail and washer.....	285. 51
Lancaster sta., 1.3 mi. NW. of, at junction of rd. SE., on N. side of rd. forks, at end of dirt walk to house, on granite step; chiseled cross...	256. 70
Lancaster sta., 1.5 mi. NW. of, at W. corner of triangular village green, on watering trough made of 3- by 3- by 3-ft. granite monolith, at middle of top edge of S. side of trough; chiseled square.....	257. 01
Lancaster sta., 2.0 mi. NW. of, 20 ft. SE. of highway and trolley bridges over North Nashua River, on NE. side of highway, 4 ft. SW. of nearest rail of track of electric R. R., in top of 10- by 10-in. granite monument protruding 2 ft. above ground; top of iron bolt...	251. 06
Lancaster sta., 2.0 mi. NW. of, at bridge over North Nashua River; center of floor of bridge.....	249. 59
Lancaster sta., 2.1 mi. NW. of, at junction of rd. fork N., in grass triangle; top of hydrant.....	265. 21
Lancaster sta., 2.6 mi. NW. of, 250 ft. W. of 100-ft. steel truss highway bridge over North Nashua River, 150 ft. N. of junction of rd. fork to bridge, just W. of Ponikin Cotton Mill, on NE. side of rd., opposite house on SW. side, at base on S. side of large elm tree, on exposed surface of small, partly embedded boulder; standard tablet stamped "Prim. Trav. Sta. No. 8 W 1922 B 288".....	288. 326
Reference mark, about 0.04 mi. from tablet, on S. side of Ponikin Cotton Mill, on N. side of highway at point W. of bridge; top of hydrant.....	265. 85
North Nashua River, at 100-ft. steel truss bridge; floor of bridge.....	260. 46
Lancaster sta., 3.3 mi. NW. of, about 0.6 mi. N. of 100-ft. steel-truss bridge over North Nashua River, on E. side of river, on S. side of rd., on top of rd. boundary monument (6- by 6-in. granite post protruding 6 in. above ground and marked "37" on top; point close to hole in top of monument.....	303. 47
Lancaster sta., 3.6 mi. NW. of, at N. point of brush triangle formed by rds. leading to rd. NE. to Shirley Village, at W. end of culvert over brook, on granite capstone; chiseled square.....	283. 48
From road junction 0.9 mile southeast of Harvard Village northeast along road into Groton quadrangle (by D. H. Baldwin in 1922)	
Harvard Village, 0.9 mi. SE. of, 0.4 mi. N. of tarvia rd., 43 ft. W. of center of crossroads and W. of house facing it, in root of large maple tree; copper nail and washer.....	553. 91
Harvard Village, 1.4 mi. E. of, 0.3 mi. W. of T-rd. N., on S. side of rd., on granite boulder; chiseled square.....	548. 22

From Groton quadrangle southeast of Oak Hill Pond south and southeast along road to road forks 1.9 miles southwest of Still River station and near Whittemore Hill (by D. H. Baldwin in 1922)

Cross Roads Lodge, 1.2 mi. S. of, about 3.7 mi. S. of R. R. sta. at Shirley Village; rd. summit-----	<i>Feet</i> 336. 6
Cross Roads Lodge, 1.5 mi. S. of, 27 ft. W. of center line of rd., on top of highway boundary monument with "24" cut in side; chiseled square-----	335. 37
Cross Roads Lodge, 1.6 mi. S. of, 25 ft. SW. of center of crossroads and S. of house in NW. corner, 0.7 ft. above level of crossroads and about 2 ft. above ground, on knob on W. side of apple tree; copper nail and washer-----	311. 49
Cross Roads Lodge, 1.6 mi. S., thence 0.1 mi. E. from, at rd. forks; ground elevation-----	316. 8
Cross Roads Lodge, 1.6 mi. S., thence 0.2 mi. E. from, 2.0 mi. W. of Still River sta., about 2.9 mi. N. of Lancaster sta., 400 ft. W. of secondary rd. SW., 80 ft. E. of secondary rd. NW.; rd. summit-----	372. 7

On Worcester-Clinton highway—a jog from Worcester quadrangle (by E. L. Haynes in 1934)

Boyleston Center, 1.7 mi. SW. of, about 6.7 mi. NE. of union sta. at Worcester, near intersection of Main Street and Elmwood Place, 26 ft. W. of center line of Main Street and 212 ft. S. of center line of Elmwood Place, just N. of stone guard rail, in root on E. side of double oak tree; rail spike-----	443. 36
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MIDDLEBORO QUADRANGLE

[Latitude 41°45'-42°; longitude 70°45'-71°]

BRISTOL AND PLYMOUTH COUNTIES

From Plymouth quadrangle near Russell Pond and Furnace Brook south along winding roads to Tremont station, thence southeast into Wareham quadrangle (by R. G. Clinite in 1933)

[Line jogs into Plymouth and Wareham quadrangles]

Kingston, 2.8 mi. SW. of town hall, 40 ft. E. of center of grass triangle at forks of rd. S. marked "Clearing Farm", on NW. side of cranberry bog at Torgesson's farm, in top of ledge at ground level; standard tablet stamped "C 17 1933"-----	<i>Feet</i> 127. 237
Reference mark, 10 ft. N. and 50 ft. W. of tablet, on top of boulder; chiseled square-----	129. 83
Wenham Pond, 0.7 mi. NE. of, on N. side of large cranberry bog, 25 ft. S. of packing house, 100 ft. W. of rd. fork, on S. edge of rd., in base on SW. side of 18-in. white-oak tree; rail spike-----	108. 96
Wenham Pond, 1.1 mi. S. of, 30 ft. E. of Pond Street, 15 ft. S. of rd. NE. into cranberry bogs, in root of 5-in. oak tree; copper nail and washer-----	104. 19
Carver, 1.1 mi. NE. of, 27 ft. N. and 32 ft. E. of junction of Pond and South Meadow Streets, in concrete post set flush with ground; standard tablet stamped "C 19 1933"-----	117. 539
Reference mark, 12 ft. SW. of tablet, in base on N. side of 16-in. pine tree; rail spike-----	117. 93

Carver, 500 ft. N. of post office, in N. angle of junction of Highway 58 and South Meadow Street, 18 ft. S. of SW. corner of porch of 2-story yellow house, in root of 22-in. maple tree; copper nail and washer.....	<i>Feet</i> 97. 37
Carver, 1.5 mi. SE. of post office, 25 ft. W. of junction of Highway 58 and Mayflower Road, in root on NE. side of 38-in. pine tree; rail spike.....	109. 75
South Carver, 1.0 mi. SW. of post office, 30 ft. SE. of Highway 58 at junction of woods rd. N., in root of 12-in. pine tree; copper nail and washer.....	79. 07
South Carver, 1.9 mi. SW. of, 360 ft. N. of Carver-Wareham town line, 30 ft. W. of center line of Highway 58, opposite residence of A. B. Gibbs, in 3- by 4-ft. granite rock; standard tablet stamped "C 23 1933".....	70. 538
Reference mark, 320 ft. S. of tablet, on E. side of Highway 58, at SE. corner of stone bridge over Weweantic River, 45 ft. N. of Carver-Wareham town line; iron pin.....	65. 67
Tremont, 0.8 mi. N. of, 85 ft. E. of center of junction of Highways 28 and 58, 20 ft. SE. of center line of Highway 58, on stone bound; highest point.....	77. 29
Tremont sta., 800 ft. E. of, on E. abutment of bridge 45.72 on top stone of S. side, 48 ft. S. of S. rail; chiseled circle.....	50. 96
From crossroads, (intersection of State Highways 28 and 58) 0.8 mile north of Tremont northwest and north along roads by way of Bensons Pond, North Carver, and Plympton into Abington quadrangle near Silver Lake (by E. M. Titus in 1934)	
Tremont, 0.8 mi. N. of, 85 ft. E. of intersection of Highways 28 and 58, on stone highway bound; highest point.....	77. 29
Tremont, 2.0 mi. along State Highway 28 NW. of, 2.7 mi. E., thence 1.3 mi. SE. from South Middleboro, 0.1 mi. S. of culvert, 160 ft. S. and 100 ft. W. of 1½-story shingled house, 15 ft. E. of center line of rd., in root on SW. side of 12-in. locust tree; copper nail and washer.....	82. 72
South Middleboro, 2.7 mi. E. of, 3.3 mi. NW. of Tremont, 40 ft. S. and 20 ft. E. of intersection of route rd. and rd. W., in root on W. side of 14-in. pine tree; copper nail and washer.....	95. 07
South Middleboro, 2.7 mi. E., thence 0.7 mi. NW. from, 4.0 mi. NW. of Tremont, 220 ft. S. of box factory, 40 ft. S. of large 1½-story house, 35 ft. W. of center line of rd., on SE. corner of concrete foundation of gas pump; chiseled square.....	87. 48
South Middleboro, 2.7 mi. E., thence 1.8 mi. NW. from, 5.1 mi. NW. of Tremont, 5.8 mi. SE. of Waterville, 0.1 mi. S. of Double Brook, 150 ft. NW. of 2½-story frame house, 15 ft. W. of center line of rd., in root 5 ft. N. of 36-in. elm tree; copper nail and washer.....	96. 48
Carver, 0.8 mi. along highway S., thence by winding rd. 3.9 mi. W. and S. from, 4.8 mi. SE. of Waterville, 0.8 mi. N. of Double Brook, 160 ft. N. and 180 ft. E. of junction of France and Rocky Gutter Streets, 190 ft. E. of center line of France Street, 20 ft. N. of 24-in. white-pine tree, near stone wall, on top of ledge outcrop; standard tablet stamped "C 104 1934 99".....	99. 266
Reference mark, 230 ft. S. and 190 ft. W. of tablet, 45 ft. S. and 12 ft. E. of rd. junction, in root on W. side of 36-in. pine tree (N. one of two); copper nail and washer.....	98. 91

Carver, 0.8 mi. S., thence 2.8 mi. W. from, 3.8 mi. SE. of Waterville, 50 ft. E. of junction of route rd. and rd. E., 180 ft. W. of Beaver Dam Brook, 15 ft. S. of center line of rd., in root on E. side of 12-in. maple tree; copper nail and washer-----	<i>Feet</i> 84. 59
Waterville, 2.5 mi. along rd. SE. of, on S. side of pond, 60 ft. E. and 20 ft. N. of junction of Purchase and Rocky Meadow Streets, 40 ft. S. of 1½-story frame house, in root on N. side of 8-in. poplar tree; copper nail and washer-----	111. 66
Waterville, 1.9 mi. SE. of, 40 ft. N. and 25 ft. W. of junction of Wall and Rocky Meadow Streets, 50 ft. N. of 1½-story frame house, in root on W. side of 18-in. maple tree; copper nail and washer-----	124. 01
Waterville, 1.1 mi. SE. of, 2.1 mi. SW. of North Carver, 80 ft. S. and 27 ft. W. of crossroads, 25 ft. W. of center line of rd., 12 ft. SW. of 12-in. white-pine tree, on top of ledge outcrop; standard tablet stamped "C 103 1934 135"-----	134. 799
Reference mark, 65 ft. N. and 10 ft. E. of tablet, 12 ft. W. and 15 ft. S. of crossroads, in root on NE. side of 12-in. white-pine tree; copper nail and washer-----	132. 93
North Carver sta., 1.2 mi. SW. of, 280 ft. E. of concrete culvert, 70 ft. W. of T-rd. N., 12 ft. N. of center line of rd., in root on NW. side of 18-in. pine tree; copper nail and washer-----	113. 01
North Carver sta., 0.8 mi. S. of, 45 ft. N. of intersection of route rd. (from SW.) and Highway 58, 20 ft. NW. of center line of highway, 1,500 ft. W. of North Carver School, in root on N. side of 10-in. white-pine tree; copper nail and washer-----	147. 38
Mass. Dept. Public Works B. M. designated "E 16"-----	99. 913
North Carver sta., 1.1 mi. along rd. NW. of, 1.4 mi. S. of Plympton post office, 990 ft. N. of Plympton-Carver town line, at junction of Highway 58 and rd. E., 66 ft. E. of center line of highway, 10 ft. S. of rd. E., in root on N. side of 18-in. ash tree; copper nail and washer-----	88. 12
Plympton post office, 245 ft. N. and 135 ft. E. of, 290 ft. S. of S. end of cemetery, 50 ft. E. of center line of Highway 58, on E. side of concrete foundation of steel flagpole; standard tablet stamped "C 102 1934 105"-----	105. 086
Reference mark, 345 ft. S. and 150 ft. W. of tablet, 100 ft. S. of S. side of post office, 30 ft. W. of center line of highway, in root on SE. side of 30-in. elm tree; copper nail and washer-----	110. 45
Plympton post office, 1.0 mi. NE. of, 1.6 mi. S. of North Plympton, 165 ft. NE. of junction of route rd. with T-rd. E., 65 ft. E. of NE. corner of 2½-story yellow frame house, 20 ft. E. of center line of rd., in root on W. side of 18-in. locust tree; copper nail and washer-----	63. 71
North Plympton, 0.7 mi. S. of, 50 ft. S. and 35 ft. W. of junction of route rd. with T-rd. W., 15 ft. W. of center line of rd., in root on NW. side of 18-in. oak tree; copper nail and washer-----	62. 99
North Plympton, at junction of Main Street and Highway 106, 25 ft. W. of W. side of William F. Shaw School, 50 ft. S. of center line of Highway 106, in root on W. side of 30-in. elm tree; copper nail and washer-----	66. 15
William F. Shaw School, 0.2 mi. along highway E., thence 0.8 mi. NW. from, at junction of Lake and Oak Streets, 80 ft. N. and 10 ft. E. of junction, in NW. side of trunk of 24-in. ash tree; rail spike-----	87. 16

From Bensons Pond southwest along road by way of South Middleboro to crossroads (intersection of Highland and Spruce Streets), thence southeast to Leonards Pond, thence northeast to South Wareham (by E. M. Titus in 1934)

[Line jogs into New Bedford quadrangle]

South Middleboro, 1.5 mi. E. of, 0.3 mi. W. of woods rd. N., 20 ft. N. of center line of rd., in root on N. side of 12-in. white pine tree; rail spike.....	Feet 106. 58
South Middleboro, 1.0 mi. E. of, at junction of Pine Street and Highway 28, 190 ft. W. of Socony gas sta., 15 ft. S. of center line of Pine Street, on S. side of trunk of 18-in. cherry tree; rail spike.....	106. 29
Mass. Dept. Public Works T. B. M. designated "No. 214".....	105. 811
South Middleboro, 0.9 mi. along rd. SW. of, at rd. fork NE., 50 ft. S. and 225 ft. E. of 1½-story house, 18 ft. S. of center line of rd., in crotch of 42-in. oak tree; top of rail spike.....	109. 61
South Middleboro, 1.6 mi. SW. of, 45 ft. N. and 95 ft. W. of intersection of Highland and Spruce Streets, 100 ft. N. of center line of Spruce Street, in woods, on top of ledge; standard tablet stamped "C 106 1934 124".....	124. 102
Reference mark, 80 ft. S. and 20 ft. W. of tablet, 115 ft. W. of intersection of Highland and Spruce Streets, 25 ft. N. of center line of Spruce Street, on top of Plymouth County highway bound; bronze cap.....	121. 297
South Middleboro, 1.6 mi. along rd. SW., thence 1.0 mi. SE. from, 2.3 mi. NW. of Douglas Corner, 75 ft. N. and 35 ft. W. of junction of route rd. with T-rd. E., 50 ft. SE. of SE. corner of 1½-story yellow house, on top of boulder; chiseled square.....	81. 57
Douglas Corner, 1.2 mi. NW. of, 20 ft. S. and 25 ft. E. of junction of T-rd. E., in root on E. side of 10-in. white pine tree; copper nail and washer.....	67. 23
Douglas Corner, 155 ft. SW. of rd. forks, 400 ft. NW. of silo at barn, 15 ft. E. of center line of rd., in trunk on NW. side of 20-in. locust tree; rail spike.....	49. 29
Douglas Corner, 0.7 mi. SW. of, 255 ft. N. and 75 ft. W. of junction of route rd. with rd. NW., 50 ft. W. of center line of rd., 40 ft. N. of NE. corner of Union Meeting House, on top of NW. corner of large ledge; standard tablet stamped "C 105 1934 92".....	91. 972
Reference mark, 120 ft. S. and 55 ft. E. of tablet, 55 ft. SE. of SE. corner of Union Meeting House, 135 ft. N. and 20 ft. W. of rd. forks, 20 ft. W. of center line of rd., in root on N. side of 24-in. pine tree; copper nail and washer.....	91. 13
Douglas Corner, 1.2 mi. SE. of, 0.5 mi. SE. of Union Meeting House, at junction of route rd. with rd. S., on top of flat boulder E. of stone wall; chiseled square.....	63. 88
Marys Pond, at Clearwater Beach, 90 ft. SE. of bathhouse, 25 ft. NW. of center line of rd., in root on S. side of 18-in. pine tree; copper nail and washer.....	33. 56
South Wareham, 1.6 mi. along rd. SW. of, 170 ft. NE. of Wareham-Rochester town line, 30 ft. N. and 90 ft. E. of intersection of Fearing Hill rd. and N.-S. rd., 20 ft. N. of center line of Fearing Hill rd., in root on N. side of 12-in. crooked pine tree; copper nail and washer..	49. 52
Mass. Dept. Public Works T. B. M. designated "No. 211".....	60. 025

From Beaver Dam Brook east along Meadow Street to its junction with State Highway 58 (by E. M. Titus in 1934)

Carver, 0.8 mi. along highway S., thence 2.1 mi. W. from, at junction of route rd. with rd. N., 12 ft. S. and 60 ft. W. of junction, 100 ft. N. of 1½-story house, on S. side of rd., on ledge outcrop; chiseled square.....	Feet 101. 68
Carver, 0.8 mi. S., thence 1.3 mi. W. from, 0.2 mi. S. of South Meadow Brook, 95 ft. E. of junction of route rd. with rd. SW., 40 ft. N. of center line of rd., 50 ft. SE. of SE. corner of 1½-story dwelling, in root on W. wide of 30-in. elm tree; copper nail and washer.....	96. 10
Carver, 0.8 mi. along highway S. of, at junction of Highway 58 and Meadow Street, 18 ft. S. and 40 ft. W. of junction, in root on NE. side of 12-in. pine tree; copper nail and washer.....	103. 89

From Plymouth quadrangle near Kingston west along State Highway 106 into Abington quadrangle near Robbin Pond (partly by E. M. Titus and partly by Ira M. Chace, Jr., in 1934)

Kingston, 1.4 mi. along Highway 106 W. of, 100 ft. W. of junction of highway and South Street, 20 ft. S. of center line of highway, on top of concrete head wall of culvert; chiseled square.....	50. 36
Kingston, 2.5 mi. W. of, 155 ft. SW. of junction of rd. S., 2.0 mi. E. of North Plympton, 25 ft. S. of center line of highway, 370 ft. E. of culvert over brook, in root on N. side of 18-in. elm tree; copper nail and washer.....	60. 14
North Plympton, 1.2 mi. E. of, 0.4 mi. E. of Plympton-Kingston town line, at junction of Highway 106 and West Street, 30 ft. S. and 40 ft. W. of junction, 20 ft. S. of center line of Highway 106, in root on N. side of 18-in. elm tree; copper nail and washer.....	70. 28
North Plympton, 0.3 mi. E. of, 460 ft. SE. of Harrubs Corner, 360 ft. SE. of culvert over Jones River Brook, 25 ft. S. of center line of Highway 106, on large, flat ledge S. of stone wall, on top of NW. corner; standard tablet stamped "C 101 1934 54".....	53. 880
Reference mark, 320 ft. E. of tablet, 27 ft. N. of center line of highway in row of ash trees, in root on SW. side of easternmost (24-in.) tree; copper nail and washer.....	55. 97
North Plympton, 0.9 mi. W. of, 2.4 mi. E. of, Halifax town hall, at Plympton-Halifax town line, 5 ft. N. of boundary-line signpost, 27 ft. N. of center line of Highway 106, on top of Plymouth County highway bound; center of bronze plate.....	71. 802
Halifax, 1.7 mi. E. of town hall, 100 ft. NW. of junction of Highway 106 and Holmes Street, 15 ft. N. of center line of highway, in root on NE. side of 28-in. pine tree; copper nail and washer.....	80. 26
Halifax, 1.0 mi. E. of, 15 ft. N. and 40 ft. W. of intersection of Highways 106 and 58, 30 ft. N. of center line of Highway 106, in S. side of trunk of 12-in. elm tree; rail spike.....	78. 92
Halifax, at intersection of Plymouth Street (Highway 106) and South Street, at SE. corner of main entrance to town hall, on top of N. end of third concrete step; standard tablet stamped "C 100 1934 90".....	89. 993
Reference mark, 325 ft. SW. of tablet, at front entrance to Halifax Public Library, on top of NE. buttress of steps; chiseled square.....	73. 40
Halifax, 0.6 mi. along Highway 106 NW. of town hall, 50 ft. S. of junction of Plymouth Street (Highway 106) and Thompson Street, 20 ft. W. of center line of Thompson Street, in root on S. side of 30-in. elm tree; copper nail and washer.....	69. 89

Halifax, 1.2 mi. NW. of, at junction of highway and rd. N. to South Hanson sta. (Elm Street), on S. side of highway, in root of 18-in. maple tree; copper nail and washer.....	<i>Feet</i> 58. 153
Halifax, 1.9 mi. NW. of, 0.3 mi. E. of East Bridgewater-Halifax town line, on S. line of highway, in concrete monument; top of bronze tablet marked "Plymouth County Highway".....	53. 65
Halifax, 3.1 mi. NW. of, about 3.8 mi. S. E. of East Bridgewater sta., 600 ft. S. of highway, 0.2 mi. SE. of junction of Plymouth and Washington Streets, 70 ft. NE. of Plymouth Street, 17 ft. SE. of S. corner of house, on property of D. R. Pitnoff, in top of ledge outcrop; standard tablet stamped "C 99 58 1934".....	57. 984
Reference mark, 90 ft. W. of tablet, in root of 36-in. elm tree; copper nail and washer.....	57. 07

From New Bedford quadrangle near Snows Pond along roads west and north-west to East Freetown station (by E. M. Titus in 1934)

[Line jogs into New Bedford quadrangle]

Douglas Corner, 2.0 mi. by indirect rd. SW. of, 20 ft. SW. of junction of route rd. with rd. N., 18 ft. S. of center line of rd., in root on N. side of 30-in. pine tree; copper nail and washer.....	56. 32
Snows Pond, 0.2 mi. SE. of SE. extremity of, 125 ft. SW. of junction of Hartley Road (route) and rd. N., 40 ft. S. of center line of Hartley Road, on top of Plymouth County highway bound; center of bronze tablet.....	68. 650
Snows Pond, 0.3 mi. SW. of SW. extremity of, at junction of Hartley and Snipatuit Roads, 27 ft. N. of Hartley Road, 30 ft. W. of Snipatuit Road, in root on N. side of 30-in. elm tree; copper nail and washer.....	62. 84
Snipatuit Pond, 0.5 mi. S. of S. extremity of, 30 ft. N. and 20 ft. E. of junction of Snipatuit and Waterman Roads, in root on W. side of 24-in. elm tree (S. tree of two); copper nail and washer.....	84. 449
Snipatuit Pond, 0.9 mi. SW. of S. extremity of, 30 ft. N. of junction of route rd. with woods rd. NW., 15 ft. E. of center line of rd., on E. side of trunk of 8-in. pine tree; rail spike.....	65. 77
Snipatuit Pond, 0.9 mi. SW. of S. extremity, thence 0.9 mi. W. from, on Quaker Lane at T-rd. N., 15 ft. N. and 55 ft. E. of junction, 20 ft. N. of center line of Quaker Lane, in root 3 ft. SW. of trunk of 14-in. locust tree; copper nail and washer.....	79. 18
New Bedford Reservoir, 0.2 mi. E. of, in SE. angle of intersection of Quaker Lane and Highway 105, 30 ft. S. and 35 ft. E. of intersection, in root on NW. side of 24-in. locust tree; copper nail and washer.....	98. 62
East Freetown village, 2.8 mi. along indirect rd. SE. of, on Keene Road at crossing of Freetown-Acushnet town line, 30 ft. W. of town-line signpost, 10 ft. SW. of center line of Keene Road, in root on W. side of 8-in. pine tree; copper nail and washer.....	68. 72
East Freetown village, 1.9 mi. SE. of, 10 ft. E. and 8 ft. S. of junction of route rd. with rd. NE., 35 ft. W. of 1½-story white house, in root on W. side of 30-in. elm tree; copper nail and washer.....	71. 44
East Freetown village, 1.1 mi. SE. of, 340 ft. S. of junction of route rd. and Highway 18, 30 ft. NE. of NE. corner of Masons Corner schoolhouse, in root on E. side of 30-in. pine tree; copper nail and washer.....	84. 930

East Freetown village, 0.3 mi. SE. of, 140 ft. N. of junction of route rd. and Highway 140, 20 ft. NE. of center line of highway, on top of State highway stone bound; chiseled square-----	Feet 88.45
East Freetown village, 0.6 mi. along rd. NW. of, 245 ft. NW. of junction of Howland, Chace, and Washburn Roads, 45 ft. SW. of Howland Road, 30 ft. NW. of brook, on top of flat ledge outcrop; standard tablet stamped "C 116 1934 82"-----	82.472
Reference mark, 250 ft. S. and 175 ft. E. of tablet, 75 ft. S. of junction of Howland, Chace, and Washburn Roads, 20 ft. SE. of center line of Chace Road, in root on S. side of 14-in. locust tree; rail spike--	82.05
Mass. Dept. Public Works T. B. M. designated "No. 200"-----	99.111

From crossroads 1.5 miles southwest of South Middleboro along road southwest 1.5 miles, thence north along Millar Street to Rock station (by E. M. Titus in 1934)

South Middleboro, 2.6 mi. along rd. SW. of, 0.3 mi. SW. of Middleborough-Rochester town line, 180 ft. E. of concrete culvert, 20 ft. N. of center line of rd., in root on N. side of trunk of 8-in. oak tree; rail spike-----	60.85
South Middleboro, 3.1 mi. SW. of, 4.5 mi. by rd. S. of Rock sta., 60 ft. S. of crossroads, 60 ft. E. of E. side of 1½-story frame house, 30 ft. SW. of center line of rd., in root on NE. side of 18-in. catalpa tree; copper nail and washer-----	83.589
Rock, 3.4 mi. SW. of sta., 0.5 mi. NW. of Rochester-Middleborough town line, 60 ft. W. of W. side of farm barn, 12 ft. E. of center line of rd., in root on NW. side of 24-in. apple tree; copper nail and washer-----	94.75
Rock, 2.4 mi. SW. of sta., 95 ft. S. of junction of T-rd. E., 25 ft. E. of center line of rd., 50 ft. SW. of SW. corner of "Cape Cod" cottage, in root on SW. side of 30-in. elm tree; copper nail and washer----	123.28
Rock, 1.6 mi. SW. of sta., 260 ft. NE. of rd. forks, 15 ft. NW. of center line of rd., in root on N. side of 12-in. pine tree; copper nail and washer-----	128.42
Rock, 0.5 mi. SW. of sta., 600 ft. SW. of junction of Millar and Highland Streets, 40 ft. S. of center line of Millar Street, 60 ft. E. of NE. corner of 1½-story cottage, on NE. corner of rock ledge; standard tablet stamped "C 107 1934 71"-----	70.980
Reference mark, 450 ft. N. and 400 ft. E. of tablet, 100 ft. SW. of junction of Millar and Highland Streets, 20 ft. SE. of center line of Millar Street, in root on NW. side of 30-in. maple tree; copper nail and washer-----	70.04
Mass. Dept. Public Works T. B. M. designated "No. 215"-----	79.855

From Masons Corner school, 1.0 mile southeast of East Freetown, along roads northeast and north to neck between Great Quittacas and Little Quittacas Ponds, thence by water leveling across Great Quittacas, Pocksha, and Assawompsett Ponds to point 0.4 mile south of Lakeville (by E. M. Titus in 1934)

Cathedral Camp, 0.2 mi. S. of, at SE. extremity of Long Pond, in root on E. side of 24-in. pine tree; wire nail-----	58.086
Cathedral Camp, at SE. extremity of Long Pond, 215 ft. NE. of center line of Highway 18 at girls' entrance to camp, 160 ft. SW. of S. end of chapel, beside 16-in. lone elm tree, on top of ledge outcrop; standard tablet stamped "C 115 1934 71"-----	71.648

Reference mark 170 ft. S. and 350 ft. E. of tablet, 470 ft. W. of R. R. crossing, 30 ft. N. of center line of Highway 18, in root on SW. side of 12-in. elm tree; copper nail and washer-----	<i>Feet</i> 71. 70
Cathedral Camp, 1.2 mi. E. of, 205 ft. N. of intersection of E.-W. rd. and Highway 105, 20 ft. W. of center line of highway, in root on SE. side of 24-in. oak tree; copper nail and washer-----	97. 99
North Rochester, 0.9 mi. along rd. W., thence 0.6 mi. N. from, between Little and Great Quittacas Ponds, 260 ft. SW. of Rochester-Lakeville town-line signpost, 220 ft. W. of center line of Highway 105, on top of rubble head wall of culvert outlet of Little Quittacas Pond; chiseled square-----	57. 12
Little Quittacas Pond, on E. shore of, on E. side of Highway 105, in root on W. side of 24-in. elm tree; wire nail-----	75. 439
North Rochester, near, at S. end of Little Quittacas Pond, at New Bedford waterworks, 1,100 ft. NW. of pumping sta., 15 ft. SE. of shore line of pond, on large boulders; boss cut (on spur line) ¹⁰ -----	57. 508
Great Quittacas Pond; surface of water March 23, 1934, at 11:50 a. m.-----	53. 67
Willow Point, at N. end of Great Quittacas Pond, on rd. between Pocksha and Great Quittacas Ponds (Long Point Road), 110 ft. E. of Middleborough-Lakeville town line, 25 ft. NE. of center line of Long Point Road, on E. end of head wall of sluice; standard tablet stamped "C 112 1934 59" (on spur line)-----	58. 680
Reference mark, 80 ft. N. and 110 ft. W. of tablet, on NE. side of Long Point Road, 3 ft. SE. of SE. corner of gatehouse, in top of concrete foundation; center of 6- by 6-in. copper plate set in concrete-----	58. 66
Willow Point, 0.9 mi. E. of, 60 ft. N. and 30 ft. E. of junction of Marion and Long Point Roads, 18 ft. E. of center line of Marion Road, in root on W. side of 40-in. oak tree; copper nail and washer-----	108. 74
Pocksha Pond; surface of water March 23, 1934, at 12:30 p. m.-----	53. 57
Assawompsett Pond; surface of water March 23, 1934, at 12:15 p. m.-----	53. 57

From road forks 0.5 mile south of south end of Snipatuit Pond north along road to pond, thence north by water leveling to causeway near north end of pond (by E. M. Titus in 1934)

Camp Snipatuit, on SW. side of Snipatuit Pond, 210 ft. N. of center line of T-rd. to camp, 160 ft. E. of center line of Snipatuit Road, near clump of small trees, on top of rock ledge; standard tablet stamped "C 113 1934 97"-----	96. 667
Reference mark, 880 ft. SE. of tablet, 100 ft. W. of Snipatuit Pond, 10 ft. S. of tennis court, 6 ft. N. of private rd. to pond, in root on S. side of 16-in. pine tree; copper nail and washer-----	60. 63
Snipatuit Pond; surface of water March 23, 1934, at 11:20 a. m.-----	54. 23
Snipatuit Pond, on E. side of, 0.6 mi. S. of N. end, at SE. end of causeway, on NW. corner of concrete head wall, on top of W. end of main culvert; chiseled square-----	59. 328

¹⁰ This mark is known among local engineers as Coggeshall's Bench and is referred to the city of New Bedford datum, from which an elevation of 54.663 ft. is derived. City of New Bedford datum is approximately 2.550 ft. above half-tide level.

From New York, New Haven & Hartford Railroad near Fall Brook north along roads by way of The Green and South Halifax into Abington quadrangle near Stump Pond (by E. M. Titus in 1934)

	<i>Feet</i>
Mass. Dept. Public Works T. B. M. designated "No. 216"-----	68. 898
Middleboro, 1.9 mi. by direct rd. SE. of, at Mitchells Corner, 60 ft. SW. of crossroads, 18 ft. SE. of center line of Cherry Street, in SE. side of trunk of 30-in. pine tree; rail spike-----	106. 12
Middleboro, 1.9 mi. SE., thence 0.4 mi. NE. from, 2.3 mi. S. of The Green, 310 ft. N. and 75 ft. W. of intersection of Thomas and Sachem Streets, 65 ft. W. of center line of Sachem Street, on top of boulder; standard tablet stamped "C 109 1934 114"-----	113. 966
Reference mark, 280 ft. N. and 40 ft. W. of tablet, in NW. angle of crossroads, 35 ft. W. of center line of Sachem Street, 30 ft. N. of center line of Thomas Street, in root on S. side of 16-in. pine tree; copper nail and washer-----	108. 40
The Green, 1.2 mi. SE. of, 35 ft. S. and 15 ft. E. of junction of Woods and Chestnut Streets, 30 ft. E. of center line of Woods Street, in root on N. side of 10-in. pine tree; copper nail and washer-----	135. 36
The Green, 12 ft. N. of NW. corner of schoolhouse, in root on N. side of 24-in. elm tree; copper nail and washer-----	87. 06
Mass. Dept. Public Works T. B. M. designated "No. 163"-----	95. 025
The Green, 0.7 mi. NE. of, 200 ft. NE. of junction of Thompson and Plympton Streets, 15 ft. NW. of center line of Thompson Street, 150 ft. W. of Green Lantern filling sta., on top of flat boulder; chiseled square-----	76. 02
The Green, 0.9 mi. NE. of, 0.9 mi. SW. of Eddyville, 200 ft. NW. of junction of Thompson and Fuller Streets, 65 ft. W. of center line of Thompson Street, in apple orchard, on rock ledge; standard tablet stamped "C 110 1934 73"-----	73. 044
Reference mark, 260 ft. S. and 70 ft. E. of tablet, 63 ft. SE. of rd. forks, 20 ft. E. of center line of Thompson Street, in root on W. side of 24-in. pine tree; copper nail and washer-----	79. 12
Eddyville, 0.4 mi. NE. of, 1.9 mi. SE. of South Halifax, 0.3 mi. SW. of junction of Fuller and Winter Streets, on N. side of entrance to farm buildings, 20 ft. NW. of center line of Fuller Street, in root on N. side of 36-in. elm tree; copper nail and washer-----	55. 20
South Halifax, 0.8 mi. SE. of, 0.3 mi. SE. of Halifax-Middleborough town line, 20 ft. E. of center line of Fuller Street, in root on SW. side of 10-in. oak tree; copper nail and washer-----	32. 22
South Halifax, in NW. angle of triangle at intersection of Wood and Fuller Streets, 50 ft. NW. of crossroads, 500 ft. W. of center line of Fuller Street, 40 ft. N. of center line of Wood Street, on top of boulder; standard tablet stamped "C 111 1934 32"-----	31. 871
Reference mark, 5 ft. N. and 70 ft. W. of tablet, 20 ft. N. of center line of Wood Street, in root on S. side of 24-in. twin maple tree; copper nail and washer-----	30. 71
South Halifax, 0.8 mi. NW. of, 0.2 mi. SE. of junction of Wood and River Streets, 12 ft. E. of center line of Wood Street, in root on SW. side of 14-in. oak tree; copper nail and washer-----	33. 72
South Halifax, 1.1 mi. along rd. NW. of, 215 ft. N. of junction of Wood and River Streets on NE. corner of N. abutment of bridge over Wenatuxit River; chiseled square-----	22. 88

South Halifax, 2.3 mi. along route rd. NW. of, about 1.7 mi. S. of Stump Pond, 35 ft. E. of junction of woods rd. and Thompson Street, 20 ft. SE. of center line of Thompson Street, in root on W. side of 36-in. ash tree; copper nail and washer-----	<i>Feet</i> 57. 54
Halifax town hall, 0.6 mi. NW., thence 0.6 mi. SW. from, about 0.9 mi. S. of Stump Pond, 110 ft. N. of junction of Thompson and Pine Streets, in root on E. side of 36-in. pine tree; copper nail and washer-----	50. 19
From junction of Rocky Meadow and Purchase Streets, 2.7 miles (air line) west of Carver, west along roads to Sachem Street, 1.8 miles (air line) south of The Green (by E. M. Titus in 1934)	
Rock, 3.0 mi. along rd. NE. of, 1.0 mi. SW. of junction of Purchase and Rocky Meadow Streets, 40 ft. N. of center line of Purchase Street, at ditch to cranberry bog, on N. end of E. retaining wall; chiseled square-----	96. 81
Rock, 2.5 mi. NE. of, at junction of Purchase and Chestnut Streets, 610 ft. S. of Thomastown School, in SE. angle of bend of Purchase Street, 40 ft. S. of Purchase Street, on top of flat ledge, standard tablet stamped "C 108 1934 123"-----	123. 296
Reference mark, 25 ft. N. and 35 ft. E. of tablet, at junction of Purchase and Chestnut Streets, in SE. angle of bend in Purchase Street, 25 ft. S. of center line of Purchase Street, in root on W. side of 12-in. oak tree; copper nail and washer-----	122. 87
Middleboro, 3.2 mi. along rd. SE. of post office at, 0.5 mi. SW. of Woods Pond, in NW. angle of intersection of Thomas and Tispaquin Streets, 30 ft. NW. of intersection, 22 ft. N. of Thomas Street, in root on NE. side of 8-in. oak tree; copper nail and washer-----	126. 35
From Middleboro southwest and south along roads to junction of Highway 18 and Highland Road, on west shore of Assawompsett Pond, thence southwest to Canedys Corner (junction of Highland Road and Highway 140), thence northwest into Taunton quadrangle (by E. M. Titus in 1934)	
Mass. Dept. Public Works B. M. designated "F 17"-----	83. 984
Middleboro, on NE. corner of abutment of R. R. bridge 35.20, on second course of rubble masonry, on SE. corner of stone; standard tablet stamped "C 117 1934 72"-----	72. 213
Reference mark, 45 ft. N. and 100 ft. E. of tablet, 180 ft. NE. of bridge 35.20, 42 ft. N. of center line of Highway 105, on N. side of 16-in. elm tree; copper nail and washer-----	72. 054
Lakeville Center, 2.7 mi. NE. of, 6 ft. N. and 25 ft. E. of junction of Rhode Island Road with woods rd. S., 15 ft. SE. of Rhode Island Road, on top of stone bound; chiseled square-----	105. 47
Lakeville Center, 1.3 mi. along Highway 18 N. of, 0.6 mi. S. of R. R. crossing, 240 ft. N. and 25 ft. E. of intersection of Highway 18 and E.-W. rd., 25 ft. W. of center line of highway, in root on W. side of 24-in. pine tree; copper nail and washer-----	78. 57
Lakeville Center, 320 ft. S. of town hall, 35 ft. W. of intersection of Highways 18 and 105, in root on W. side of 24-in. buttonwood tree; copper nail and washer-----	74. 34
Lakeville Center, 0.3 mi. S. of, at Taunton Waterworks pumping sta., on top of S. buttress at main entrance; standard tablet stamped "C 118 1934 66"-----	65. 955

Reference mark, 225 ft. N. and 220 ft. E. of tablet, 55 ft. E. of center line of Highway 18, 10 ft. W. of Assawompsett Pond, in root on NW. side of twin maple tree; copper nail and washer-----	<i>Feet</i> 57. 238
Long Pond; surface of water March 23, 1934, at 9:45 a. m-----	54. 13
Lakeville Center, 1.7 mi. SW. of, 0.5 mi. W. of junction of Highway 18 and Highland Road, on top of Aldens Hill, 15 ft. N. of Highland Road, in root on S. side of 30-in. hickory tree; copper nail and washer-----	153. 06
Lakeville Center, 2.6 mi. SW. of, on Highland Road at concrete culvert over stream between Elders and Long Ponds, 18 ft. N. of center line of rd., on NE. wing wall of culvert; chiseled square-----	63. 01
Lakeville Center, 3.6 mi. SW. of, in NE. angle of junction of Highland Road and Highway 140 (Canedys Corner), 25 ft. N. and 50 ft. E. of junction, in root on S. side of 42-in. elm tree; copper nail and washer-----	125. 99
Lakeville Center, 4.2 mi. by rd. SW. of, 0.3 mi. NW. of Lakeville School, 205 ft. N. of intersection of Highway 140 (County Street) and Kingman Street, 60 ft. NE. of Highway 140, on top of ledge; standard tablet stamped "C 119 1934 113"-----	113. 311
Reference mark, 190 ft. S. and 25 ft. W. of tablet, in NW. angle of intersection of County Street (Highway 140) and Kingman Street, 25 ft. W. of center line of County Street, in root on N. side of 8-in. pine tree; copper nail and washer-----	110. 89

From road forks 1.0 mile northwest of Titicut village along roads east and northeast by way of South Bridgewater station to road forks at northeast end of Great Cedar Swamp (by Ira M. Chace, Jr., in 1934)

Titicut, 0.9 mi. NW. of, on S. side of Beach Street at point 210 ft. W. of its intersection with Vernon Street, 28 ft. S. of center line of Beach Street, in root of 28-in. elm tree; copper nail and washer-----	36. 470
Titicut, 0.5 mi. NW. of, at bridge over Taunton River, on W. end of base of S. parapet wall; chiseled square-----	26. 27
Titicut, in village of, in E. end of triangle at junction of Plymouth and Pleasant Streets, in root of 28-in. elm tree; copper nail and washer---	47. 90
Titicut, 0.8 mi. E. of village, 195 ft. N. and 245 ft. E. of intersection of Plymouth Street and Bedford Street (Highway 28), on property of Williams Eaton, in top of pudding-stone ledge; standard tablet stamped "C 120 39 1934"-----	38. 700
South Bridgewater sta. (formerly Titicut sta.), 1.2 mi. SW. of, at highway bridge over Taunton River, on W. end of N. abutment, on SW. corner of bridge seat; chiseled square-----	25. 73
Mass. Dept. Public Works T. B. M. designated "No. 250"-----	40. 195
South Bridgewater sta., 0.5 mi. NE. of, on SE. abutment of bridge over Taunton River, on top of S. wing wall; bronze tablet marked "U. S. Geological Survey gaging station, reference mark"-----	26. 797
South Bridgewater sta., 1.1 mi. by rd. NE. of, 0.4 mi. NE. of junction of Summer and River Streets, on E. side of River Street, in root of 12-in. pine tree; copper nail and washer-----	29. 79
South Bridgewater sta., 2.0 mi. E. of, 1.3 mi. NE. of intersection of Summer and River Streets, on S. side of River Street, in root of 40-in. elm tree; copper nail and washer-----	28. 70
South Bridgewater sta., 2.9 mi. NE. of, on NW. corner of junction of River and Thompson Streets, in root of 26-in. elm tree; copper nail and washer-----	35. 26

Middleborough-Halifax town line at crossing of River Street; center line of rd.....	<i>Feet</i> 32. 4
South Bridgewater sta., 3.5 mi. NE. of, 0.6 mi. NE. of junction of River and Thompson Streets, on SE. side of River Street, in root of 26-in. elm tree; copper nail and washer.....	32. 07

In vicinity of Bridgewater (by H. L. Harlow in 1934)

Mass. Dept. Public Works B. M. designated "A 20".....	80. 551
Bridgewater, at Bridgewater State Teachers College, on S. side of entrance steps to Boyden Hall, in top of concrete cap of masonry end wall; standard tablet stamped "C 140 99 1934".....	99. 115
Reference mark, 20 ft. W. of tablet, on S. corner of coping directly over 2½-in. offset in granite side wall, in line with top step; chiseled square.....	104. 47
Bridgewater, in NE. angle of junction of School Street and Bigelow Square, 45 ft. S. of entrance to town hall, on inner edge of sidewalk, in top of concrete highway bound; bronze tablet inscribed "Plymouth County highway".....	103. 035
Bridgewater, in NE. edge of common, in line with N. side wall of Bridgewater Inn, about 50 ft. S. of ornamental stone drinking fountain, in top of concrete highway bound; bronze tablet inscribed "Plymouth County highway".....	98. 860
Mass. Dept. Public Works B. M., designated "B 20".....	57. 222

From Taunton quadrangle at point on railroad about 1.4 miles east of East Taunton south along winding roads and back into Taunton quadrangle (by R. G. Clinite in 1934)

[Line jogs into Taunton quadrangle]

Mass. Dept. Public Works B. M., designated "C-16".....	62. 201
Lakeville Center, 1.7 mi. along rd. NW., thence 1.0 mi. SW. from, 100 ft. S. of intersection of Myricks and Kingman Streets, 40 ft. E. of entrance to 2-story brick house, in root on SE. side of 34-in. ash tree; rail spike.....	115. 81
Lakeville Center, 2.2 mi. along rd. SW., thence 0.6 mi. NW. from, 45 ft. E. of junction of Kingman and Lang Streets, in root on SE. side of 14-in. pine tree; rail spike.....	137. 10

MOUNT TOM QUADRANGLE

[Latitude 42°7'30"-42°15'; longitude 72°37'30"-72°45']

HAMPSHIRE AND HAMPDEN COUNTIES

From Westfield north along roads to point east of Little Mountain (by E. M. Titus in 1933)

[Line jogs into Granville quadrangle]

Westfield, 1.0 mi. N. of, 500 ft. N. of T-rd. E., at SW. corner of N. Y., N. H. & H. R. R. bridge, on W. edge of sidewalk, at wall; chiseled square.....	<i>Feet</i> 232. 72
Westfield, 2.1 mi. N. of, at R. R. crossing, 40 ft. W. of rd., at culvert, on top of E. end of rubble retaining wall; chiseled square.....	227. 68
Westfield, 3.4 mi. N. of, at junction of rd. fork NE., on E. side of rd., in root on W. side of 10-in. pine tree; rail spike.....	261. 02

Westfield, 3.8 mi. N. of, at culvert on Northampton Division of N. Y., N. H. & H. R. R. over Manhan River, on E. side of track, on SW. corner of culvert at point 1 ft. below top of rail; standard tablet stamped "C 58 1933 231"-----	<i>Feet</i> 230. 836
Reference mark, 200 ft. S. and 75 ft. W. of tablet, on R. R. track, on stone monument marking center line; highest point of monument--	232. 79
East Farms, 4.1 mi. N. of Westfield, 100 ft. S. of crossroads, 25 ft. E. of rd., on top of boulder; chiseled square-----	224. 56
East Farms, 0.8 mi. N. of, 45 ft. S. of junction of T-rd. W., on W. side of rd., in root on W. side of 30-in. maple tree; nail and copper washer-----	242. 92
Southampton, 0.7 mi. NW. of, at junction of woods rd. NE., 35 ft. N. of main rd., in root on W. side of 14-in. oak tree; copper nail and washer-----	492. 60
Southampton, 1.4 mi. by direct rd. NW. of, at rd. fork SW., 25 ft. NE. of rd., in 14-in. oak tree; copper nail and washer-----	458. 83
Southampton, 1.4 mi. by rd. N. of, on E. side of Little Mountain, 15 ft. N. and 45 ft. E. of junction of rd. N., in root of 18-in. maple tree; copper nail and washer-----	378. 08
Near north border of quadrangle, on Southampton-Easthampton highway (by R. G. Clinite in 1933)	
Southampton, 1.8 mi. NE. of, 2.2 mi. SW. of Easthampton, at junction of State Highway 10 and dirt rd. NW., in SE. angle of grass triangle, in root of 18-in. elm tree; copper nail and washer-----	194. 56
From road forks 1.3 miles northeast of Westfield station east along roads to junction of Morgan and Piper Roads (by E. M. Wheeler in 1933)	
Westfield, 2.1 mi. NE. of R. R. sta., on SW. side of rd., 100 ft. E. of bridge over Pond Brook, 30 ft. SW. of center line of rd., in root on NE. side of 24-in. maple tree; copper nail and washer-----	184. 51
Westfield, 2.8 mi. NE. of, at crossing of N. Y., N. H. & H. R. R., 15 ft. E. of center line of rd., at N. corner of wing wall of E. abutment of underpass, in ninth course down, in top of stone; standard tablet stamped "C 63 1933 255"-----	255. 014
Reference mark, 150 ft. N. and 90 ft. E. of tablet, 20 ft. S. of center line of rd., in SE. angle of junction of T-rd. E., in root on N. side of 30-in. maple tree; copper nail and washer-----	256. 23
Westfield, 3.7 mi. NE. of, 4.0 mi. NW. of Riverdale School, at bridge 3.84 over N. Y., N. H. & H. R. R., on S. corner of SE. abutment, in first course down, on top of stone; chiseled square-----	321. 61
Riverdale School, 3.1 mi. NW. of, in S. angle of crossroads (Plains and route rds.), 10 ft. S. of center line of rd., in root on SW. side of 24-in. oak tree; copper nail and washer-----	269. 29
Riverdale School, 2.2 mi. NW. of, at junction of Morgan and Amos-town Roads, in NE. angle of triangle, 15 ft. S. of center line of Morgan Road, in root on NE. side of 30-in. maple tree; copper nail and washer-----	243. 58
Riverdale School, 1.4 mi. W. of, on Morgan Road 200 ft. E. of its junction with Birnie Road and 0.7 mi. W. of its junction with Piper Road, 35 ft. S. of center line of rd., in root on N. side of 28-in. oak tree; copper nail and washer-----	226. 51

From Holyoke at junction of Northampton Street (U. S. Highway 5) and Beech Street along road west by way of Rock Valley to road forks 1 mile north of East Farms (by E. M. Wheeler in 1933)

Rock Valley, 2.9 mi. by route NE. of, about 3 miles W. of Holyoke post office, in NW. angle of junction of Cherry and Jarvis Avenues, 25 ft. N. of center line of rd., in root on N. side of 12-in. white-oak tree; copper nail and washer.....	<i>Feet</i> 438. 66
Rock Valley, 1.8 mi. NE. of, 15 ft. S. of center line of rd., in root on N. side of 30-in. hemlock tree; rail spike.....	520. 23
Rock Valley, SW. of West Holyoke School, 15 ft. W. of center line of rd., on E. side of ledge; standard tablet stamped "C 61 1933 314" ..	314. 263
Reference mark, 200 ft. S. of tablet, 15 ft. W. of center line of rd., opposite rd. NE., in root on NW. side of 24-in. elm tree; copper nail and washer.....	318. 62
Rock Valley, 1.3 mi. by route NW. of, 55 ft. W. of crossing of transmission line, 15 ft. SW. of center line of rd., in root on NW. side of 30-in. pine tree; rail spike.....	276. 25
Rock Valley, 1.9 mi. W. of, in SE. angle of crossroads, in root on NW. side of 12-in. maple tree; copper nail and washer.....	331. 77
Rock Valley, 2.9 mi. W. of, at junction of rd. from N. with rd. W. (route), 20 ft. E. of center line of rd., in root on W. side of 18-in. pine tree; 60-penny spike.....	259. 16
Southampton, 2.5 mi. by direct rd. S. of town hall, 3.4 mi. by route taken W. of Rock Valley, in SW. angle of intersection of State Highway 10 and Mayo Road, 15 ft. S. of intersection, 25 ft. W. of center line of highway, in concrete post set flush with ground; standard tablet stamped "C 62 1933 348"	348. 449
Reference mark, 15 ft. S. and 100 ft. E. of tablet, in root on NE. side of 36-in. maple tree; copper nail and washer.....	347. 90

From Chicopee quadrangle at west abutment of bridge over Connecticut River west along Wayside Avenue to its junction with Riverdale Street (U. S. Highway 5), thence north-along highway to its junction with Beech Street, in Holyoke (by E. M. Wheeler in 1933)

Chicopee, 1.5 mi. along rd. W., thence 0.7 mi. along U. S. Highway 5 N. from post office, 45 ft. E. of center line of highway, on granite highway bound; high point.....	73. 33
Chicopee post office, 3.3 mi. by route taken NW. of, 3.8 mi. SW. of Holyoke city hall, at junction of U. S. Highway 5 and Main Street, 35 ft. E. of center line of rd., in root on SE. side of 30-in. elm tree; copper nail and washer.....	86. 03
Holyoke, 3.0 mi. SW. of city hall, at N. Y., N. H. & H. R. R. bridge 8.05 over U. S. Highway 5, on NE. corner of N. abutment, on concrete bridge seat; chiseled square.....	182. 81
Holyoke, 2.5 mi. SW. of city hall, on E. side of Northampton Street (U. S. Highway 5), in concrete wall of Calvary Cemetery, on base of W. face of S. pillar; standard tablet, set vertically, stamped "C 60 1933 258"	258. 429
Reference mark, 250 ft. N. and 60 ft. W. of tablet, on W. side of highway, near SE. corner of lot at 2163 Northampton Street, in root on SE. side of 40-in. maple tree; copper nail and washer.....	257. 28
Holyoke, 1.6 mi. SW. of city hall, on W. side of U. S. Highway 5, opposite end of Beech Street, in loam space between sidewalk and curb, in root on E. side of 18-in. elm tree; copper nail and washer..	258. 09

From Chicopee quadrangle at west abutment of bridge over Connecticut River southwest along Ashley Avenue to its junction with Riverdale Street (U. S. Highway 5), thence south along highway to its junction with Morgan Road, thence west to junction of Morgan and Piper Roads (by R. G. Clinite in 1933)

Chicopee, 1.6 mi. by rd. SW. of post office, 2.2 mi. by rd. N. of West Springfield, 0.5 mi. N. of Riverdale School, 40 ft. N. and 25 ft. W. of junction of Riverdale Street (U. S. Highway 5) and Ashley Avenue, in root of 42-in. maple tree; copper nail and washer-----	<i>Feet</i> 67. 42
Riverdale School, near, 1.7 mi. by direct rd. N. of West Springfield, 140 ft. W. and 25 ft. S. of junction of Riverdale Street (U. S. Highway 5) and Morgan Road, in base on S. side of 60-in. buttonwood tree; spike, driven horizontally-----	64. 45
Riverdale School, 0.4 mi. W. of, 2.2 mi. N. of West Springfield, 25 ft. N. and 75 ft. E. of Y-forks at SE. angle of junction of Morgan and Piper Roads, in base on N. side of 22-in. black-oak tree; rail spike--	149. 80
Riverdale School, about 0.6 mi. W. of, 2.3 mi. NW. of West Springfield, in SW. angle of triangle at junction of Morgan and Piper Roads, 45 ft. E. of center of Piper Road, 28 ft. S. of center of Morgan Road, at NW. corner of wood lot, in concrete post; standard tablet stamped "C 14 1933 153"-----	152. 898
Reference mark, 8 ft. N. and 5 ft. E. of tablet, in base on SW. side of 20-in. black-oak tree; rail spike-----	153. 26

NEW BEDFORD QUADRANGLE

[Latitude 41°30'–41°45'; longitude 70°45'–71°]

BRISTOL AND PLYMOUTH COUNTIES

From Middleboro quadrangle near Leonards Pond along winding roads west and back into Middleboro quadrangle at point west of New Bedford Reservoir (by E. M. Titus in 1934)

[Line jogs into Middleboro quadrangle]

Rochester Center, 1.3 mi. NE. of, 300 ft. NE. of junction of rd. NE. to Marys Pond and rd. NW. to Union Meeting House, at S. end of Leonards Pond, on SW. end of SW. corner of rubble bridge, on top of concrete curb; chiseled square-----	<i>Feet</i> 32. 51
Leonards Pond, 1.1 mi. along rd. from S. extremity of, 130 ft. NW. of culvert over stream, 10 ft. SW. of center line of Clapp Road, in root on N. side of 24-in. pine tree; copper nail and washer-----	30. 41
Acushnet, 4.7 mi. by direct rd. NE. of, about 0.1 mi. E. of New Bedford Reservoir, 100 ft. N. and 20 ft. E. of junction of Main Street (Highway 105) and Lake Street, on SE. side of trunk of 12-in. maple tree; rail spike-----	87. 20
Acushnet, 4.2 mi. by direct rd. NE. of, at New Bedford water supply (old reservoir), 0.3 mi. W. of junction of Lake and Main Streets, 500 ft. SE. of 2½-story brown house, 55 ft. S. of center line of Lake Street, on top of N. end of large ledge; standard tablet stamped "C 114 1934 48"-----	47. 899
Reference mark, 50 ft. N. and 470 ft. W. of tablet, 50 ft. S. of 2½-story brown house, 10 ft. N. of center line of Lake Street, in root on S. side of 36-in. elm tree; copper nail and washer-----	46. 97

Acushnet, 3.8 mi. by direct rd. NE. of, 100 ft. E. of junction of Lake Street and Middle Road, 20 ft. S. of center line of Lake Street, 20 ft. N. of N. side of 1½-story brown house, in root on NW. side of 24-in. elm tree; copper nail and washer.....	<i>Feet</i> 97. 33
Acushnet, 4.3 mi. by rd. N. of, 0.4 mi. N. of junction of Keene and Peckham Roads, at crest, 15 ft. W. of center line of Keene Road, in root on E. side of 16-in. pine tree; copper nail and washer.....	106. 92

NEWBURYPORT QUADRANGLE

[Latitude 42°45'-43°; longitude 70°45'-71°]

ESSEX COUNTY

Jogs from New Hampshire on roads near Amesbury (by M. A. Roudabush in 1933)

Amesbury, about 3 mi. along rds. NE. of, 1.6 mi. NW. of Smithtown (N. H.), 0.5 mi. SE. of Grape Hill, opposite T-rd. N. to Bagley Angle State-line monument, in root on N. side of 24-in. pine tree; copper nail and washer.....	<i>Feet</i> 84. 98
Amesbury, 1.5 mi. NW. of, on rd. from Amesbury to Kingston (N. H.), 40 ft. SW. of junction of T-rd. N., in root on E. side of 24-in. maple tree; copper nail and washer.....	115. 58

NORTHAMPTON QUADRANGLE

[Latitude 42°15'-42°30'; longitude 72°30'-72°45']

FRANKLIN AND HAMPSHIRE COUNTIES

From Northampton northeast along road to Hadley, thence north and west by way of North Hadley and Sunderland to highway bridge over Boston & Maine Railroad 1.3 miles north of South Deerfield (by R. G. Clinite in 1933)

U. S. C. & G. S. B. M. designated "J 5".....	<i>Feet</i> 133. 861
U. S. C. & G. S. B. M. designated "H 5".....	133. 061
Northampton, 1.4 mi. NE. of, at SW. abutment of steel bridge on State Highway 9 over Connecticut River, 11.0 ft. NW. of center line of highway, on stone back wall at walkway level, on N. corner of stone; chiseled square.....	130. 67
Hadley, 0.3 mi. W. of, in NE. angle of crossroads, 130 ft. SW. of Elmwood House, in root of 18-in. elm tree; copper nail and washer..	123. 84
Hadley, in SW. angle of crossroads, at SW. corner of grammar school, in S. end of stone window sill, in W. face of building at point 3.9 ft. N. of corner; standard tablet stamped "C 28 1933 129".....	128. 657
Reference mark, 350 ft. NE. of tablet, in NE. angle of crossroads, on stone bound; highest point.....	129. 78
Hadley, 1.0 mi. N. of four corners, 50 ft. NW. of rd. forks, on W. side of macadam rd., on W. wall of drop inlet of drain; chiseled circle...	131. 57
Hadley, 1.8 mi. N. of four corners, 40 ft. NE. of rd. forks, in fence corner, in root on W. side of 27-in. elm tree; copper nail and washer..	130. 26
North Hadley, 100 ft. NW. of highway bridge over Mill River, 50 ft. W. of center line of highway, in root on NE. side of 30-in. maple tree; copper nail and washer.....	143. 51
North Hadley, 180 ft. N. of post office, in N. point of triangular common, midway between paved rd. and dirt rd., 8 ft. W. of power pole, in concrete post; standard tablet stamped "C 29 1933 142"...	141. 552

Reference mark, 50 ft. NE. of tablet, on E. side of rd. fork, on concrete head wall; chiseled square.....	Feet 141. 66
North Hadley, 0.9 mi. NE. of, 50 ft. NE. of rd. forks, on E. side of macadam rd., in root on W. side of 38-in. elm tree; copper nail and washer.....	152. 28
North Hadley 1.9 mi. N. of, in NE. angle of forks of Sunderland and North Amherst rds., in root on SW. side of 24-in. pine tree; spike (probably highway B. M.).....	161. 28
Sunderland, 2.8 mi. S. of, 3.5 mi. N. of North Hadley, 50 ft. SE. of rd. forks, on S. side of Mohawk Brook, in concrete post; standard tablet stamped "C 30 1933 130".....	130. 010
Reference mark, 20 ft. N. and 20 ft. W. of tablet, in SE. angle of rd. forks, in base on NE. side of 15-in. elm tree; rail spike.....	129. 110
Sunderland, 1.7 mi. S. of, 20 ft. NE. of junction of macadam highway and dirt rd. E., in root on SW. side of 22-in. maple tree; copper nail and washer.....	130. 81
Sunderland, in S. part of, 50 ft. S. and 20 ft. E. of junction of State Highway 116 and dirt rd. S., 35 ft. W. of colonial house bearing date "1753", in root on E. side of 24-in. maple tree; copper nail and washer.....	139. 07
Sunderland, 320 ft. W. of junction of State Highways 63 and 116, at S. entrance of public-school building, in W. end of top step; standard tablet stamped "C 31 1933 142".....	142. 280
Reference mark, 320 ft. E. of tablet, in NW. angle of junction of highways, at entrance to library, on S. end of bottom step; chiseled square.....	140. 285
Connecticut River, at high-water mark 530 ft. W. of tablet stamped "C 31 1933", 210 ft. E. of gaging sta., 15 ft. S. of highway, in base on NE. side of 42-in. sycamore tree; head of ½-in. lag screw with metal pendant stamped "Nov 5 1927 MHW".....	133. 688
Sunderland, at E. end of steel highway bridge over Connecticut River, at S. end of abutment and at same level as bridge seat, in NW. corner of concrete foundation for small gaging-sta. house; brass disk marked "U. S. Geological gauging station".....	136. 385
South Deerfield, in E. angle of junction of State Highway 116 and mountain rd., in root on W. side of 30-in. maple tree; copper nail and washer.....	203. 64
South Deerfield, at junction of State Highways 10 and 116, at N. end of triangular park, on SE. corner of concrete base supporting large granite memorial stone; chiseled square.....	204. 10
South Deerfield, 500 ft. NW. of Boston & Maine R. R. sta., 28 ft. S. of grade crossing of R. R. and State Highway 116, on second concrete course of S. back wall of R. R. bridge 28.50 (over Bloody Brook); chiseled square.....	205. 729
U. S. C. & G. S. B. M. designated "Q 5".....	221. 830

From Sunderland along road northeast 3.5 miles, thence southeast and south by way of Leverett, Cushman, and South Amherst to Granby (by R. G. Clinite in 1933)

[Line jogs into Greenfield and Belchertown quadrangles]

Sunderland, 1.4 mi. NE. of, on W. side of State Highway 63, 75 ft. SW. of rd. forks, on N. end of concrete head wall; chiseled square...	<i>Feet</i> 159. 39
Sunderland, 2.5 mi. NE. of, 3.7 mi. by rd. SW. of Montague, on SE. side of State Highway 63, on NE. end of concrete coping of culvert; chiseled square.....	265. 26
Montague, 3.0 mi. by rd. S. of, 3.4 mi. by rd. N. of Leverett, at rd. forks S. to Amherst and SE. to Leverett; center of junction.....	400. 6
Leverett, 3.1 mi. by route taken N. of, 0.2 mi. SE. of rd. forks, on NE. side of rd., 25 ft. SE. of drain, in root on NE. side of double black-oak tree; copper nail and washer.....	438. 38
Leverett, 500 ft. S. of town hall, 40 ft. S. of SW. corner of grass triangle of rd. forks, 75 ft. W. of entrance to Bradford M. Field Memorial Library, in root on SW. side of 4-trunk butternut tree; copper nail and washer.....	437. 75
Leverett, 1.2 mi. S. of town hall, 1.4 mi. N. of Cushman, on E. side of macadam highway, 500 ft. N. of crossroads, 40 ft. SE. of forks of dirt rd. W., in root of 28-in. maple tree; copper nail and washer....	391. 18
Cushman, 60 ft. N. and 30 ft. W. of crossroads, in line with easternmost of two transmission lines, 9 ft. NW. of W. leg of tower, in top of large ledge; standard tablet stamped "C 34 1933 314".....	313. 658
Reference mark, 50 ft. E. and 100 ft. S. of tablet, in E. angle of rd. forks, between rd. and stream, in root on N. side of 18-in. elm tree; rail spike.....	296. 76
East Village (Amherst), 60 ft. N. and 160 ft. E. of crossroads, 30 ft. NW. of center line of macadam rd., on W. end of concrete coping of large pipe culvert; standard tablet stamped "C 35 1933 183".....	182. 764
Reference mark, 325 ft. SW. of tablet, 27 ft. S. of ornamental fountain, in N. end of long rectangular park, in root on NE. side of 38-in. elm tree; rail spike.....	188. 47
East Village (Amherst), 1.0 mi. S. of, 1.6 mi. N. of South Amherst, at S. end of NW. abutment of underpass of Central Vermont Ry., on bottom course of masonry, on SE. corner; chiseled square.....	177. 99
South Amherst, 0.6 mi. N. of, 50 ft. N. of NW. corner of residence of W. A. Sauer, 45 ft. E. of rd., on W. end of rock ledge; chiseled circle..	203. 28
South Amherst, in SW. corner of commons, on W. side of small triangle at crossroads, 370 ft. W. of church, 16 ft. N. of scales, in root of 22-in. elm tree; copper nail and washer.....	230. 93
South Amherst, 1.5 mi. S. of, 40 ft. S. and 30 ft. E. of junction of E.-W. rd. with T-rd. N., 2 ft. N. of fence, in top of concrete post; standard tablet stamped "C 36 1933 246".....	246. 038
Reference mark, 5 ft. N. and 12 ft. W. of tablet, in root of 18-in. poplar tree; copper nail and washer.....	243. 83
Granby, 1.8 mi. NE. of post office, on NW. side of rd., at S. corner of cemetery, in root of 30-in. maple tree; copper nail and washer...	266. 51
Granby, 1.4 mi. NE. of post office, 400 ft. SW. of concrete bridge over Bachelor Brook, on SW. side of triangle at rd. forks, 140 ft. N. of two-story farmhouse, in top of S. side of large boulder; standard tablet stamped "C 37 1933 258".....	258. 206

Reference mark, 420 ft. NE. of tablet, on E. wing wall of S. abutment of concrete bridge over Bachelor Brook; chiseled square.....	<i>Feet</i> 255. 48
Granby, 0.4 mi. N. of post office, on W. side of rd., 40 ft. S. of crest of hill, in root of 15-in. white-oak tree; copper nail and washer.....	362. 02

From Chicopee quadrangle near Granby west along winding roads and back into Chicopee quadrangle near South Hadley Center (by R. G. Clinite in 1933)

[Line jogs into Chicopee quadrangle]

Granby, about 0.5 mile SE. of post office, in N. angle of rd. forks, 55 ft. N. of W. corner of grass triangle, in root on E. side of 16-in. forked elm tree; copper nail and washer.....	262. 69
Granby, 0.2 mi. SW. of post office, 700 ft. SW. of church, 75 ft. N. of crossroads, 200 ft. S. of State Highway 139, at N. end of drain, on S. side of concrete drop inlet; top surface.....	298. 10
Granby, about 0.7 mi. SW. of, 50 ft. E. of E. point of triangle at junction of State Highway 139 and macadam rd. N., 30 ft. N. of center line of rd., on property-line stone bound; highest point.....	247. 05
Granby-South Hadley town line at rd. crossing; top of stone bound..	247. 70
South Hadley Center, 0.8 mi. SE. of, on NE. side of rd., opposite triangle at forks of East Street, in root on SW. side of 30-in. maple tree; copper nail and washer.....	245. 90

From Laurel Park north and east along roads by way of West Hatfield, Hatfield, North Hadley, and Plainville to Amherst (by R. G. Clinite in 1933)

U. S. C. & G. S. B. M. designated "K 5".....	160. 472
Hatfield, 200 ft. NE. of B. & M. R. R. sta., 200 ft. SE. of underpass, on E. side of rd., in root on E. side of 44-in. elm tree; copper nail and washer.....	145. 73
Hatfield Village, in triangular common, 100 ft. N. and 120 ft. W. of iron bridge over Mill River, in root on SW. side of 34-in. elm tree; copper nail and washer.....	146. 75
Hatfield Village, in E. part of, in SW. angle of junction of N.-S. rd. with School Street, 90 ft. NE. of entrance to Smith Academy, in root on E. side of 30-in. maple tree; copper nail and washer.....	129. 02
Hatfield-North Hadley ferry (discontinued), 50 ft. W. of W. landing, on N. side of old rd., in root of 32-in. maple tree; rail spike.....	117. 30
Connecticut River, at Old Hatfield-North Hadley ferry; surface of water Nov. 29, 1933, at 9:00 a. m.	102. 25
Hatfield-North Hadley ferry, near E. landing, on highest part of large red stone ledge; chiseled circle.....	113. 95
North Hadley, 1.5 mi. SE. of, 0.8 mi. SW. of Plainville, on S. side of rd. forks, in root of 36-in. maple tree opposite two metal silos; copper nail and washer.....	192. 40
Amherst, 1.5 mi. W. and 0.2 mi. N. of town hall, at corner known as Plainville, near S. corner of grass triangle, in root on SW. side of 22-in. hickory tree; copper nail and washer.....	165. 87
Amherst, 1.6 mi. W. and 0.2 mi. S. of town hall, 65 ft. S. and 30 ft. W. of center of crossroads, opposite cemetery, 100 ft. N. of tobacco barn, in concrete post; standard tablet stamped "C 41 1933 206"....	206. 037
Amherst, at NE. corner of commons, on S. side of tower of town hall, at N. end of first concrete step above sidewalk; chiseled square....	313. 21
Amherst College campus, at S. end of portico of W. entrance of Johnson Chapel, 6 ft. W. of S. pillar, in NW. corner of large coping stone over end wall; standard tablet stamped "C 42 1933 356".....	356. 454

From Amherst town hall along road north to Wilder Hall, Massachusetts State College (double-run spur line by R. G. Clinite in 1933)

Amherst, at entrance to post office, on S. end of bottom step; chiseled square.....	<i>Feet</i> 302. 28
Massachusetts State College, in NW. angle of junction of State Highway 116 and Stockbridge rd., 7 ft. E. of sidewalk, in root of 20-in. elm tree; copper nail and washer.....	253. 52
Massachusetts State College, on W. side of Stockbridge rd., at entrance to Wilder Hall, in top at S. end of bottom stone step; standard tablet stamped "C 64 1933 276".....	275. 967
Reference mark, 13 ft. N. of tablet, on N. end of bottom step of Wilder Hall; chiseled square (established by students of Massachusetts State College).....	276. 003

From South Deerfield northwest along highway to road forks 3.3 miles northwest of Conway, thence south by way of Williamsburg and Loudville to Mount Pomeroy, thence southeast and northeast by way of Easthampton to Mount Tom Junction (by R. G. Clinite in 1933)

[Line jogs into Greenfield, Chesterfield, and Mount Tom quadrangles]

South Deerfield, 1.3 mi. W. of B. & M. R. R. depot, 20 ft. S. of State Highway 116, in root of 20-in. apple tree; copper nail and washer.....	220. 14
South Deerfield, 2.1 mi. NW. of, on NE. side of State Highway 116, 25 ft. E. of junction of highway with rd. NW., on N. corner of NE. coping of concrete drop inlet; chiseled square.....	301. 65
Poland School, 90 ft. NE. of, in NW. angle of crossroads, in root on N. side of 30-in. maple tree; nail and washer.....	909. 23
Conway-Williamsburg town line, 12 ft. S. of, 20 ft. E. of rd., in root of 14-in. maple tree; copper nail and washer.....	836. 00
Williamsburg, 3.4 mi. NW. of, 150 ft. S. and 60 ft. W. of rd. fork, in top of large boulder; standard tablet stamped "C 47 1933 775".....	775. 230
Reference mark, 160 ft. NE. of tablet, 25 ft. E. of rd. forks, on N. side of top of boulder; chiseled circle.....	785. 02
Williamsburg, 2.3 mi. NW. of, 80 ft. S. and 20 ft. E. of rd. fork, at summit of hill, on top of large boulder; chiseled circle.....	952. 53
Williamsburg, 1.1 mi. NW. of post office, 0.2 mi. S. of crossroads at Searsville, 220 ft. SE. of junction of State Highway 9 and rd. N., at W. end of N. parapet of concrete bridge, on wheel guard; chiseled square.....	698. 28
Williamsburg, in SE. angle of junction of State Highways 9 and 143, on E. wing of N. abutment of concrete bridge; chiseled square....	584. 78
Williamsburg, 1.4 mi. S. of post office, 25 ft. W. of rd., 10 ft. N. of stone fence, in root of 45-in. maple tree; copper nail and washer...	559. 94
Williamsburg-Northampton town line, at rd. crossing; center line of rd.....	572. 5
Leeds, 1.4 mi. NW. of, R. R. sta. in SE. angle of rd. forks, in root on W. side of 20-in. black-oak tree; copper nail and washer.....	528. 98
Leeds, 1.8 mi. SW. of R. R. sta., 0.3 mi. E. of reservoir, 410 ft. S. of bridge over Roberts Brook, 300 ft. S. and 175 ft. W. of crossroads, in top of sloping ledge; standard tablet stamped "C 50 1933 425".....	425. 204
Reference mark, 430 ft. N. of tablet, at NE. corner of concrete bridge over Roberts Brook, on NW. corner of coping; chiseled square....	422. 77
Leeds, 2.8 mi. SW. of, 2.8 mi. NE. of Westhampton, 15 ft. S. of Westhampton-Northampton town line, 15 ft. W. of rd., in notch on W. side of 10-in. white-birch tree; copper nail and washer.....	525. 44

Loudville, 1.4 mi. NW. of, 40 ft. S. of triangle at forks of rd. N., in root on SE. side of 42-in. maple tree; copper nail and washer-----	<i>Feet</i> 421. 06
Northampton-Westhampton town line, at rd. crossing; center line of rd.-----	392. 7
Loudville, 0.6 mi. N. of, in SE. angle of crossroads on State Highway 66, at W. end of S. coping of concrete arch bridge, on S. wall of coping on belt course; chiseled square-----	395. 69
Loudville, 0.4 mi. N. of, 280 ft. NE. of rd. junction, 80 ft. NE. of Northampton-Westhampton town line, on retaining wall N. of bridge; chiseled square-----	335. 00
Southampton-Easthampton town line, at rd. crossing; center line of rd.-----	385. 5
Loudville, 0.6 mi. S. of, 200 ft. NW. of abandoned shaft of lead mine, 85 ft. W. of rd., 25 ft. N. of large rock ledge, in ledge at ground level; standard tablet stamped "C 52 1933 398"-----	398. 312
Reference mark, 110 ft. SE. of tablet, 25 ft. W. of rd., in face of rock ledge; chiseled square-----	389. 24
Loudville, 1.7 mi. S. of, 15 ft. SW. of rd. forks, in root of 14-in. ash tree; copper nail and washer-----	408. 406
Loudville, 1.9 mi. S. of, 28 ft. SE. of rd. forks, on E. side of rd. and brook, in root of 20-in. maple tree; nail-----	369. 97
Loudville, 2.8 mi. SE. of, 3.3 mi. SW. of Easthampton, in S. angle of crossroads, in root of 12-in. oak tree; copper nail and washer-----	257. 26
Easthampton, 1.5 mi. by State Highway 10 SW. of, in SW. angle of forks of rd. S., 60 ft. S. of highway, 25 ft. W. of dirt rd., in root of 20-in. maple tree; copper nail and washer-----	208. 63
Easthampton, on W. side of State Highway 10, at entrance to city hall, at S. end of steps to portico, in W. end of second stone step above cement sidewalk; standard tablet stamped "C 53 1933 188"-----	188. 360
Reference mark, at corner of Union and High Streets, at Easthampton post office, on NW. side of entrance, about 1.5 ft. above sidewalk, on lower level surface of stone coping; W. corner of surface--	188. 10
Easthampton, 1.5 mi. SE. of city hall, 2.1 mi. SW. of Mount Tom post office, on SE. side of East Street, on S. side of entrance to Mount Tom State Reservation, in root on N. side of 30-in. elm tree; copper nail and washer-----	192. 46
Mount Tom post office, 1.2 mi. SW. of, 25 ft. E. and 10 ft. S. of junction of East and Ferry Streets, on NE. end of concrete header; chiseled square-----	173. 65
Mount Tom post office, 0.5 mi. SW. of, 120 ft. E. of rd. fork at J. Kostek farm, on concrete drop inlet; top surface-----	155. 64
U. S. C. & G. S. B. M. designated "F 5"-----	120. 731

From Roberts Meadow northeast along road to Leeds (by R. G. Clinite in 1933)

Leeds, 0.5 mi. SW. of R. R. sta., at E. end of masonry dam of Northampton water supply, 60 ft. E. of gatehouse, on S. corner of end capstone; chiseled square-----	405. 80
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From Hadley south and southeast along roads to road forks 1.5 miles south of South Amherst (by E. M. Titus in 1933)

Hadley, 0.5 mi. S. of grammar school, 170 ft. N. of crossroads, on W. side of rd., on concrete slab over catch basin; SE. corner of top surface-----	131. 138
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Hadley, 0.9 mi. SE. of, 85 ft. E. of rd. fork N., on S. side of rd., in NW. corner of granite curb of catch basin; chiseled square-----	Feet 134. 93
Hadley, 1.8 mi. SE. of, 125 ft. W. of Hart Brook School, on S. side of rd., on top of wing wall of culvert; chiseled square-----	156. 12
Hart Brook School, 1.1 mi. SE. of, at rd. fork N. to South Amherst, on S. side of rd., in root on N. side of large maple tree; copper nail and washer-----	209. 21
Amherst, 290 ft. E. of Hadley-Amherst town line, on N. side of rd., in root on N. side of large maple tree; copper nail and washer----	278. 55
Hadley-Amherst town line, 0.6 mi. SE. of, at junction of route rd. with State Highway 116, on S. side of rd., at filling sta., on concrete base of pump; NE. corner of top surface-----	256. 98
From road forks 0.8 mile south of Hadley south along river road by way of Hockanum and Thermopylae to South Hadley (by E. M. Titus in 1933)	
Hadley, 1.2 mi. S. of, on E. side of rd., in W. trunk of large walnut tree; iron spike-----	119. 98
Hadley, 2.2 mi. S. of, 18 ft. S. of Fort River bridge, on E. side of rd., in root on W. side of large elm tree; copper nail and washer-----	117. 89
Fort River bridge, 0.6 mi. S. of, at junction of route rd. with rd. NE., on E. side of rd., in root on W. side of large maple tree; copper nail and washer-----	119. 45
Hadley, 3.8 mi. S. of, 0.4 mi. S. of Hockanum School, 575 ft. S. of T-rd. E., 200 ft. SE. of large red barn, 33 ft. W. of center line of rd., in concrete post; standard tablet stamped "C 39 1933 124"---	124. 045
Reference mark, 65 ft. E. of tablet, 10 ft. E. of rd., on top of NE. corner of culvert wall; chiseled square-----	121. 71
Thermopylae, 0.3 mi. W. of rd. forks, 0.4 mi. SE. of Hadley-South Hadley town line, 65 ft. W. of rd. to Angiers, 15 ft. S. of rd., on top of concrete culvert; chiseled square-----	124. 73
Thermopylae, at point 0.7 mi. SE. of Hadley-South Hadley town line, at rd. forks E. and SE., at E. junction of rds., on rock; painted circle-----	221. 928
Thermopylae, 0.5 mi. SE. of, 1.6 mi. NW. of South Hadley, 1.2 mi. SE. of Hadley-South Hadley town line, on W. side of rd., on top of concrete culvert; chiseled square-----	213. 40
South Hadley, 1.1 mi. N. of, at SW. corner of Bachelor Brook bridge, on S. end of coping; chiseled square-----	119. 55
South Hadley Center, at Mount Holyoke College, at W. entrance of Dwight Memorial Hall, on N. end of second step; standard tablet stamped "C 40 1933 257"-----	257. 447
Reference mark, 230 ft. N. and 30 ft. W. of tablet, 40 ft. S. of post office, on W. side of street, on doorstep of 2½-story red brick building; chiseled square-----	252. 74
From Northampton northwest along State Highway 9 to Williamsburg (by E. M. Titus in 1933)	
Northampton, at NE. corner of intersection of Elm and Franklin Streets, on concrete curb of Franklin Street; chiseled square-----	206. 00
Northampton, 2.0 mi. NW. of post office, 0.9 mi. SE. of Florence Center, on State Highway 9, 60 ft. W. of Hatfield Street, on N. curb of street; chiseled square-----	228. 38
Florence Center, 290 ft. W. of post office, on W. end of public green, on N. side of concrete base of flagpole; chiseled square-----	280. 12

Florence Center, 0.7 mi. W. of, at entrance of Frank Newhall Look Memorial Park, near junction of T-rd. NE., on top of W. end of second limestone step around fountain; standard tablet stamped "C 54 1933 288"-----	<i>Feet</i> 287. 774
Reference mark, 330 ft. E. and 350 ft. S. of tablet, on S. side of rd., on NW. corner of concrete base of stone bound; chiseled square--	286. 13
Florence Center, 1.4 mi. NW. of, 0.7 mi. SE. of Leeds, at junction of Florence Street and State Highway 9, on N. side of rd., on W. end of granite curb of catch basin; chiseled square-----	298. 13
Leeds, at Mill River bridge, on top of SW. concrete abutment; chiseled square-----	348. 038
Leeds, 0.8 mi. NW. of, 0.7 mi. S. of Haydenville, 450 ft. S. of Northampton-Williamsburg town line, at bridge over Mill River, on top of SW. abutment; chiseled square-----	391. 56
Haydenville, 448 ft. N. of Congregational Church, at intersection of River rd. and State Highway 9, 40 ft. N. of bridge over Mill River, 60 ft. W. of State Highway 9, on top of E. retaining wall; standard tablet stamped "C 49 1933 428"-----	427. 900
Reference mark, 400 ft. N. and 90 ft. W. of tablet, at SE. end of red-brick factory, on W. side of rd., on SW. corner of catch-basin curb; chiseled square-----	434. 33
Haydenville, 0.7 mi. NW. of, 1.2 mi. SE. of Williamsburg, 100 ft. E. of T-rd. S., on S. side of rd., on top of rock ledge; chiseled square--	458. 67
Williamsburg, at SW. front entrance of Helen E. James School, on SW. side wall of concrete steps; standard tablet stamped "C 48 1933 530"-----	530. 129
Reference mark, 130 ft. N. and 70 ft. E. of tablet 120 ft. NE. of Helen E. James School, on N. side of rd., on SE. corner of catch-basin curb; chiseled square-----	524. 25

From Haydenville along Beaver Brook Road northeast to road forks 1.2 miles southeast of West Whately (by E. M. Titus in 1933)

Haydenville, 0.6 mi. N. of, at Y-rd. forks, on W. side of rd., in root on W. side of large elm tree; R. R. spike-----	449. 28
Haydenville, 1.6 mi. NE. of, at junction of rd. fork SE., on E. side of rd., in root on N. side of 24-in. elm tree; nail and copper washer--	434. 81
Haydenville, 2.8 mi. NE. of, 390 ft. S. of crossroads, 175 ft. N. of wooden bridge, 25 ft. W. of center line of rd., in concrete post; standard tablet stamped "C 55 1933 453"-----	453. 538
Reference mark, 45 ft. N. and 21 ft. W. of tablet, 340 ft. S. of crossroads, 225 ft. N. of wooden bridge, 35 ft. W. of center line of rd., in root on E. side of 60-in. maple tree; nail and copper washer----	452. 83
Williamsburg-Whately town line, at rd. crossing, on W. side of rd., on W. side of town-line signpost; top of boulder-----	489. 78
Williamsburg-Whately town line, 0.2 mi. N. of, on W. side of rd., on rock ledge; chiseled square-----	519. 80
Williamsburg-Whately town line, 1.1 mi. N. of, about 1.5 mi. SE. of West Whately, at junction of rd. fork SW., on E. side of rd., on W. side of 9-in. maple tree; top of R. R. spike-----	496. 14

From Mohawk Brook at crossing of Sunderland-Hadley road east and south-east along roads to Cushman (by E. M. Wheeler in 1933)

North Amherst, 1.8 mi. NW. of, 20 ft. E. of center line of State Highway 116, in triangle at crossroads, in root on S. side of 40-in. maple tree; copper nail and washer.....	<i>Feet</i> 190. 89
North Amherst, 1.3 mi. N. of, SE. of rd. fork near Amherst-Leverett-Sunderland tri-town stone, 25 ft. E. of center line of rd., in root on NW. side of 24-in. oak tree; copper nail and washer.....	313. 65
North Amherst, 0.3 mi. NE. of, 1.3 mi. W. of Cushman at junction with Summer Street, 20 ft. NW. of center line of rd., in root on SE. side of 36-in. maple tree; copper nail and washer.....	199. 71

From road forks 400 feet southwest of bridge over Bachelor Brook and 1.4 miles northeast of Granby post office northwest and west along roads by way of Aldrich Mills to Thermopylae (by E. M. Wheeler in 1933)

Moody Corner, 2.3 mi. E. of, 1.6 mi. NW. of Granby post office, 100 ft. SE. of crossroads, 25 ft. S. of center line of rd. E., in root of 12-in. maple tree; copper nail and washer.....	264. 42
Moody Corner, 1.6 mi. E. of, about 0.3 mi. E. of Aldrich Mills, in triangle at crossroads, 10 ft. S. of rd. E., in root on W. side of 16-in. maple tree; copper nail and washer.....	296. 04
Moody Corner, 0.8 mi. NE. of, on State Highway 116, 100 ft. SE. of junction with rd. NE., 40 ft. S. of center line of rd., in root on S. side of 20-in. oak tree; copper nail and washer.....	263. 14
Moody Corner, at SW. angle of crossroads, 155 ft. SW. of Granby-South Hadley town-line marker, 25 ft. W. of center line of State Highway 116, 1 ft. S. of wire fence, on property of George H. Nash, in concrete post flush with ground; standard tablet stamped "C 38 1933 240".....	240. 302
Reference mark, 1 ft. N. and 5.5 ft. E. of tablet, 20 ft. W. of center line of State Highway 116, on top of concrete post marking highway boundary; chiseled square.....	241. 11
Moody Corner, 1.1 mi. W. of, 15 ft. S. of center line of Pearl Street, in triangle at junction of rd. S., in root on N. side of 10-in. locust tree; copper nail and washer.....	193. 62

From North Hatfield north west along roads by way of West Whately into Greenfield quadrangle near Conway (by E. M. Wheeler in 1933)

U. S. C. & G. S. B. M. stamped "M 5".....	169. 885
North Hatfield, 1.0 mi. W. of B. & M. R. R. sta., 25 ft. N. of center line of rd., on rock ledge; chiseled square.....	303. 63
North Hatfield, 2.4 mi. NW. of, in triangle at junction with rd. NE., in root on W. side of 40-in. maple tree; copper nail and washer....	387. 51
North Hatfield, 2.7 mi. NW. of, 1.3 mi. SE. of West Whately, at junction with rd. SW., in root on E. side of 36-in. elm tree; nail.....	375. 365
West Whately, at bridge over West Brook, on top of concrete retaining wall, near NE. abutment, 20 ft. E. of center line of rd.; standard tablet stamped "C 56 1933 571".....	570. 901
Reference mark, 140 ft. S. and 20 ft. W. of tablet, in root on E. side of 30-in. maple tree; copper nail and washer.....	574. 86
West Whately, 1.0 mi. NW. of, 20 ft. S. of junction with rd. W., 15 ft. E. of center line of rd., on ledge; chiseled square.....	601. 38

West Whately, 2.2 mi. N. of, about 3 miles SE. of Conway, 200 ft. S. of junction with rd. NE., 20 ft. E. of center line of rd., on top of granite boulder; standard tablet stamped "C 57 1933 778"-----	<i>Feet</i> 778. 128
Reference mark, 50 ft. W. and 250 ft. N. of tablet, 15 ft. W. of center line of rd., at junction with rd. NE., in root of 24-in. hemlock tree; rail spike-----	782. 68
Conway, 1.8 mi. S. of, 3.5 mi. N. of West Whately, at junction with rd. W., 35 ft. NW. of center line of rd., in root on E. side of 10-in. maple tree; copper nail and washer-----	804. 53

PALMER QUADRANGLE

[Latitude 42°-42°15'; longitude 72°15'-72°30']

HAMPDEN, HAMPSHIRE, AND WORCESTER COUNTIES

From North Wilbraham south along roads by way of Wilbraham and Scantic to Massachusetts-Connecticut State line, thence northwest and west into Longmeadow quadrangle (by E. M. Wheeler in 1934)

[Line jogs into Connecticut]

U. S. C. & G. S. B. M. designated "U 3 1927"-----	<i>Feet</i> 232. 388
North Wilbraham, in front of post office, in concrete base of gasoline pump; SE. corner of top of base-----	256. 88
North Wilbraham, 0.2 mi. S. and 0.1 mi. W. of R. R. sta., at intersection of route rd. with rd. S., 25 ft. N. of center line of rd., in root on S. side of 24-in. oak tree; copper nail and washer-----	278. 73
North Wilbraham, 1.1 mi. S. of R. R. sta., 25 ft. E. of center line of rd., in root on SE. side of 60-in. oak tree; copper nail and washer----	283. 38
Wilbraham, at Smith Memorial Building of Wilbraham Academy, at N. side of W. entrance steps, on top of lower baluster stone; standard tablet stamped "WH 8 290 1934"-----	290. 447
Reference mark, 120 ft. S. and 280 ft. W. of tablet, in NE. angle of junction of route rd. with mountain rd., 20 ft. E. of center line of Main Street, in boundary stone set flush with ground; drill hole----	284. 40
Wilbraham, in NW. angle of junction of Main and Springfield Streets, in front of post office, in root on NW. side of 40-in. elm tree; wire nail-----	284. 80
Wilbraham, 1.0 mi. S. of, in triangle at intersection of route rd. and rd. W., 40 ft. W. of center line of rd., in root on NW. side of 60-in. oak tree; copper nail and washer-----	270. 27
Wilbraham, 2.0 mi. S. of, in NE. angle of junction of route rd. with rd. NE., 60 ft. N. of junction, 25 ft. E. of center line of rd., on NW. side of 20-in. maple tree; copper nail and washer-----	315. 42
Wilbraham, 2.4 mi. S. of, 2.4 mi. N. of Scantic, at Wilbraham-Hampden town line, 15 ft. W. of center line of rd.; top of highway boundary stone-----	344. 26
Scantic, 1.0 mi. NW. of rd. forks, 1.4 mi. S. of Wilbraham-Hampden town line, 100 ft. E. of center line of rd., on top of NW. end of ledge; standard tablet stamped "WH 7 309 1934"-----	308. 667
Reference mark, 65 ft. W. of tablet, 30 ft. E. of center line of rd., on top of boulder flush with ground; chiseled square-----	305. 66
Scantic, 100 ft. N. of junction of route rd. with T-rd. E., 20 ft. W. of center line of rd., in root on E. side of 24-in. maple tree; copper nail and washer-----	255. 25

Scantic, 1.3 mi. S. of, 0.3 mi. N. of Mass.-Conn. State line, at junction of route rd. with rd. SE., 25 ft. E. of center line of rd., in root on E. side of 24-in. maple tree; copper nail and washer-----	<i>Feet</i> 281. 66
Scantic, 1.6 mi. S. of, at point where route rd. crosses State line; center line of rd.-----	274
Scantic, 1.7 mi. by rd. S., thence 0.9 mi. W. and N. from, at point where rd. recrosses State line; center line of rd.-----	236
Scantic, 2.0 mi. by direct route W. of, 1.1 mi. NW. of Mass.-Conn. State line, at concrete highway bridge over NE. branch of Watchaug Brook, on top of NE. end of SE. abutment; chiseled square-----	221. 36
Scantic, 3.2 mi. W. of, 100 ft. W. of junction of Pease Rd. and Lee Street, 15 ft. S. of center line of Pease Rd., in root on N. side of 36-in. elm tree; copper nail and washer-----	232. 19

From Wilbraham west along road to Sixteen Acres (by E. M. Wheeler in 1934)

Wilbraham, 1.2 mi. W. of, 2.4 mi. E. of Sixteen Acres, in triangle at intersection of Springfield Street and Stony Hill Road, 25 ft. N. of center line of Springfield Street, in root on N. side of 36-in. elm tree; copper nail and washer-----	264. 35
Sixteen Acres, 1.5 mi. E. of, at bridge over North Branch of Mill River, on top of W. end of S. concrete head wall; chiseled square--	229. 18
Sixteen Acres, 1.2 mi. E. of, 220 ft. W. of Springfield-Wilbraham town line, 50 ft. W. of junction of rd. to Wilbraham and Old Lane, 15 ft. S. of center line of rd., in root on S. side of 26-in. pine tree; wire nail-----	243. 65

From North Wilbraham east 2.5 miles along U. S. Highway 20, thence south along road 4 miles, thence northeast and southeast to Monson (by E. M. Wheeler in 1934)

North Wilbraham, 0.8 mi. E. of R. R. sta., on U. S. Highway 20, at bridge over Twelve Mile Brook, on top of NW. corner of N. concrete head wall; chiseled square-----	228. 49
North Wilbraham sta., 1.5 mi. E. of, 75 ft. W. of junction of route rd. with rd. N., 30 ft. S. of center line of highway, on top of boulder flush with ground; chiseled square-----	355. 00
North Wilbraham sta., 2.2 mi. E. of, opposite Palmer-Monson town-line bound, 25 ft. S. of center line of highway, in root on NE. side of 20-in. maple tree; wire nail-----	364. 58
North Wilbraham sta., 2.5 mi. E. of, about 500 ft. NW. of Foster's Valley Inn, 120 ft. N. of center line of rd., on top of boulder; standard tablet stamped "WH 12 341 1934"-----	340. 947
Reference mark, 120 ft. S. and 120 ft. E. of tablet, at culvert, on top of W. end of N. concrete head wall; chiseled square-----	336. 91
North Wilbraham sta., 2.5 mi. E., thence 1.1 mi. S. from, 80 ft. NE. of junction of T-rd. NW., 15 ft. SE. of center line of rd., in root on SW. side of 24-in. maple tree; copper nail and washer-----	389. 70
North Wilbraham sta., 2.5 mi. E., thence 1.8 mi. S. from, in SW. angle of intersection of Silver Street and E.-W. rd., 70 ft. S. of intersection, 15 ft. W. of center line of rd. S., in root on NE. side of 60-in. ash tree; copper nail and washer-----	435. 66
North Wilbraham sta., 2.5 mi. E., thence 2.8 mi. S. from, 45 ft. N. of junction of route rd. with T-rd. W., on E. side of rd., 5 ft. E. of stone wall, on top of large boulder; chiseled square-----	630. 20

North Wilbraham sta., 2.5 mi. E., thence 3.7 mi. S. from, in S. angle of junction of route rd. with rd. S., 35 ft. S. of junction, 15 ft. W. of center line of rd., in root on NE. side of 16-in. maple tree; copper nail and washer-----	<i>Fect</i> 728. 46
Monson, 3.2 mi. W. of, 2.5 mi. E., thence 4.6 mi. S. from North Wilbraham, in S. angle of intersection of NW.-SE. and NE.-SW. rds., 70 ft. SW. of intersection, 100 ft. SE. of center line of rd., on top of boulder flush with ground; standard tablet stamped "WH 13 692 1934"-----	692. 388
Reference mark, 140 ft. N. and 75 ft. E. of tablet, N. angle of cross-roads, 1 ft. N. of fence, on top of boulder; chiseled square-----	691. 07
Monson, 2.3 mi. W. of, in SW. angle of junction of route rd. with rd. W., 150 ft. SW. of junction, 10 ft. NW. of center line of rd., in root on S. side of 12-in. triple maple tree; copper nail and washer-----	558. 86
Monson, 1.4 mi. W. of library, 0.3 mi. E. of junction of T-rd. S., 50 ft. E. of light-brown farm house, 20 ft. N. of center line of rd., on top of boulder under picket fence; chiseled square-----	706. 72
Monson, 520 ft. S. of library, at Main Street bridge over Central Vermont R. R. tracks, on top of concrete cap at E. end of S. abutment; standard tablet stamped "WH 16 407 1934"-----	407. 129
Reference mark, 250 ft. N. and 150 ft. W. of tablet, 100 ft. S. of junction of Main and High Streets, 15 ft. E. of center line of Main Street, in root on E. side of 30-in. elm tree; copper nail and washer--	424. 26
Mass. Dept. Public Works T. B. M. designated "No. 313"-----	363. 705

From Scantic northeast along road to point 3.2 miles west of Monson (by E. M. Wheeler in 1934)

Hampden, 0.3 mi. W. of crossroads, 1.2 mi. NE. of Scantic, near site of former dam across Scantic River, 20 ft. S. of center line of rd., in root on NE. side of 40-in. maple tree; copper nail and washer--	300. 99
Hampden, 0.9 mi. NE. of, at junction of Glendale and Bennett rds., 20 ft. N. of center line of rd., in root on N. side of 16-in. oak tree; copper nail and washer-----	407. 72
Hampden, 2.1 mi. NE. of, 50 ft. NE. of Hampden Hill Studios, 25 ft. SE. of center line of rd., in root on SW. side of 36-in. maple tree; copper nail and washer-----	645. 57
Hampden, 2.7 mi. NE. of, at Hampden-Monson town line; center line of rd.-----	725
Hampden, 3.1 mi. NE. of, 3.9 mi. SW. of Monson, 170 ft. SW. of junction of route rd. with rd. from W., 15 ft. SE. of center line of rd., in root on N. side of 24-in. hickory tree; copper nail and washer-----	718. 47

From point on Massachusetts-Connecticut State line 2.9 miles southeast of Hampden east along winding roads near State line into Brookfield quadrangle (by E. M. Wheeler in 1934)

[Line jogs into Connecticut]

Hampden, 2.9 mi. SE. of, on State line, 0.2 mi. NE. of junction (in Conn.) of route rd. with rd. NW. to Hampden; center line of rd.--	473
Hampden, 2.2 mi. by direct rd. SE. of, 1.4 mi. by rd. NE. of State line, near NW. end of grass triangle at intersection of NE.-SW. and NW.-SE. rds., 10 ft. W. of center line of rd., 3 ft. W. of fence, on top of boulder flush with ground; standard tablet stamped "WH 14 354 1934"-----	354. 151

Reference mark, 50 ft. S. and 60 ft. E. of tablet, in triangle at intersection of NE.-SW. and NW.-SE. rds., 25 ft. SW. of center line of rd., on top of boulder; chiseled square.....	<i>Feet</i> 360. 12
Hampden, 3.0 mi. SE. of, 0.2 mi. by rd. W. of Hampden-Monson town line, 80 ft. NW. of junction of NW.-SE. rd. with rd. S., 15 ft. NE. of center line of rd., on top of boulder; chiseled square.....	444. 89
Hampden, 4.1 mi. SE. of, 0.3 mi. by rd. NW. of State line, in N. angle of junction of NW.-SE. rd. (to Hampden) with rd. N. to North Wilbraham and Monson, 75 ft. NE. of junction, 25 ft. NW. of center line of rd., on NW. side of 40-in. maple tree; copper nail and washer.....	642. 96
Hampden, 4.1 mi. by most direct rds. SE. of, 1.2 mi. S. of intersection of rd. N. to Wilbraham (route rd.) and rd. W. to Hampden, 1.4 mi. by direct rd. N. of State line, opposite junction of route rd. with T-rd. W., 15 ft. E. of center line of rd., on top of boulder; chiseled square.....	742. 90
Monson, 3.5 mi. SW. of, 3.7 mi. E. of Hampden, near SE. side of grass triangle at intersection of N.-S. rd. (to North Wilbraham) and E.-W. rd. (to Hampden), on S. side of 24-in. maple tree; copper nail and washer.....	702. 78
Monson, 3.6 mi. SW. of, 0.6 mi. S. of junction of rd. N. to Monson with rd. W. to Hampden, 15 ft. SW. of rd., in root on NE. side of 30-in. oak tree; copper nail and washer.....	870. 80
Monson, 4.5 mi. by route SW. of, 1.6 mi. N. of State line and 3.4 mi. N. of village of State Line, in SE. angle of intersection of N.-S. rd. (direct route to Monson) with rd. NW. to Hampden, 180 ft. S. of intersection, 80 ft. E. of center line of N.-S. rd., on top of boulder; standard tablet stamped "WH 15 640 1934".....	640. 114
Reference mark, 70 ft. S. and 30 ft. W. of tablet, 50 ft. E. of center line of rd., on top of boulder; chiseled square.....	642. 34
Mass. Dept. Public Works T. B. M. designated "No. 316".....	616. 291
State Line (village), 0.9 mi. by rd. N., thence 1.1 mi. SE. from, 400 ft. NW. of culvert, 20 ft. SW. of center line of rd., in root on NE. side of 36-in. maple tree; copper nail and washer.....	717. 34
Mass.-Conn. State line, at crossing of rd.; center line of rd.....	743
Wales, about 7 mi. by route SW. of, 3.5 mi. N. of Stafford post office (Conn.), 4 ft. N. of State line, 20 ft. E. of center line of rd.; top of boulder flush with ground.....	915. 04
Wales, 6.3 mi. SW. of, 0.6 mi. N. of State line, in SE. angle of junction of N.-S. rd. with T-rd. E., 50 ft. SW. of junction, 20 ft. SE. of center line of rd., in root on W. side of 36-in. maple tree; copper nail and washer.....	928. 11
Wales, 4.8 mi. SW. of, just E. of Monson-Wales town line, in NW. angle of junction of route rd. with abandoned N.-S. rd., 110 ft. N. of junction, 40 ft. W. of center line of rd. N., on top of boulder; standard tablet stamped "WH 21 1128 1934".....	1, 127. 816
Reference mark, 90 ft. S. and 50 ft. E. of tablet, opposite junction of N.-S. rd. with rd. W., in root on NW. side of 10-in. twin oak tree; copper nail and washer.....	1, 133. 13
Wales, 3.2 mi. SW. of, in SE. angle of junction of NE.-SW. rd. with T-rd. E., 30 ft. S. of junction, 25 ft. E. of center line of rd., in root on NW. side of 24-in. maple tree; copper nail and washer.....	879. 92

Near Mount Hitchcock—a jog from Brookfield quadrangle (by E. M. Wheeler in 1934)

Wales, 2.7 mi. by route NW. of, in E. angle of junction of rd. NW. with T-rd. N., 120 ft. SE. of junction, 80 ft. NE. of center line of rd., on top of boulder; standard tablet stamped "WH 20 1043 1934"-----	<i>Feet</i> 1, 043. 309
Reference mark, 40 ft. S. and 110 ft. W. of tablet, 35 ft. SE. of rd. forks, 15 ft. SW. of center line of rd., in root on NE. side of 16-in. maple tree; copper nail and washer-----	1, 047. 13
Wales, 3.4 mi. NW. of, at Wales-Brimfield town line; center line of rd.-----	1, 011
Wales, 3.6 mi. NW. of, in SW. angle of junction of route rd. with rd. SW., 40 ft. W. of junction, 10 ft. S. of center line of rd., in root on SE. side of 18-in. maple tree; copper nail and washer-----	1, 015. 61

From Brookfield quadrangle west along road to Monson (by E. M. Wheeler in 1934)

Monson, 3.8 mi. NE. of library at Dingley Dell (estate of R. P. Anderson), in NE. angle of junction of route rd. with rd. NE., 160 ft. NE. of junction, 25 ft. SE. of center line of rd., on top of ledge; standard tablet stamped "WH 19 493 1934"-----	493. 278
Reference mark, 120 ft. S. and 150 ft. W. of tablet, opposite rd. forks, 40 ft. S. of center line of rd., in root on NW. side of 14-in. elm tree; copper nail and washer-----	496. 62
Monson, 3.0 mi. NE. of library, 45 ft. W. of Monson-Brimfield town line, 10 ft. S. of center line of rd., in root on NW. side of 10-in. maple tree; wire nail-----	748. 59
Monson, 2.5 mi. NE. of library, in SE. angle of junction of E.-W. rd. with T-rd. S., 90 ft. E. of junction, 25 ft. S. of center line of rd., in root on NE. side of 40-in. maple tree; copper nail and washer----	838. 45
Monson, 1.8 mi. NE. of library, in SE. angle of junction of E.-W. rd. with T-rd. S., 100 ft. E. of junction, 15 ft. S. of center line of rd., in root on N. side of 24-in. maple tree; copper nail and washer-----	638. 79

From Gibbs Crossing east and south along roads into Brookfield quadrangle near West Warren (by E. M. Wheeler in 1934)

U. S. C. & G. S. B. M. designated "L 3 1927"-----	404. 806
Gibbs Crossing, 0.6 mi. NE. of, 120 ft. E. of junction of route rd. with rd. N., on S. side of rd., 2 ft. S. of stone wall, in root on NE. side of 24-in. maple tree; copper nail and washer-----	461. 69
Gibbs Crossing, 1.4 mi. NE., thence 0.5 mi. SE. from, steel highway bridge over Ware River, on E. corner of N. abutment; chiseled square-----	398. 93
Gibbs Crossing, 2.6 mi. by rd. E. of, 250 ft. SW. of junction of route rd. with NE.-SW. rd., 35 ft. SE. of center line of rd., on top of boulder flush with ground; standard tablet stamped "WH 17 487 1934"-----	486. 859
Reference mark, 150 ft. N. and 200 ft. E. of tablet, at rd. forks, 15 ft. NW. of center line of rd., in root on SW. side of 36-in. maple tree; copper nail-----	478. 87
West Warren, 2.2 mi. NW. of, 3.5 mi. by rd. SE. of Gibbs Crossing, at Palmer-Ware town line; center line of rd.-----	637
West Warren, 1.9 mi. NW. of, opposite junction of NW.-SE. rd. with T-rd. W., 20 ft. E. of center line of rd., in root on SW. side of 12-in. maple tree; copper nail and washer-----	728. 66

West Warren, 1.1 mi. W. of, 25 ft. N. of Palmer-Warren town line, in SW. angle of junction of rd. with driveway, in root on W. side of 36-in. oak tree; wire nail-----	<i>Feet</i> 713. 56
From Barretts Junction north, northwest, and southwest along roads by way of Broad Brook and Rock Rimmon to Ludlow City (by E. M. Wheeler in 1934)	
[Line jogs into Belchertown quadrangle]	
U. S. C. & G. S. T. B. M. designated "23"-----	329. 451
Barretts Junction, 0.6 mi. N. of, at underpass of Central Vermont Ry., on top of W. end of S. abutment of bridge 76¼; chiseled square-----	337. 25
Barretts Junction, 0.6 mi. N., thence 0.5 mi. W., thence 0.6 mi. N. from, in NW. angle of intersection of N.-S. and E.-W. rds., 40 ft. N. of intersection, 15 ft. W. of center line of rd., in root on E. side of 24-in. maple tree; copper nail and washer-----	394. 85
Barretts Junction, 2.4 mi. NW. of, 320 ft. W. of junction of N.-S. rd. with rd. W., 40 ft. N. of center line of rd., on top of boulder; standard tablet stamped "WH 11 413 1934"-----	412. 526
Reference mark, 55 ft. S. and 330 ft. E. of tablet, in NE. angle of rd. forks, 50 ft. N. of junction, 10 ft. E. of center line of rd., in base on SW. side of 18-in. maple tree; rail spike-----	391. 16
Barretts Junction, 3.4 mi. NW. of, in SW. angle of intersection of route rd. with N.-S. rd., 70 ft. W. of intersection, 20 ft. S. of center line of rd., in root on NE. side of 36-in. elm tree; copper nail and washer-----	400. 00
Rock Rimmon, 3.0 mi. by route rd. E. of, 4.5 mi. NW. of Barretts Junction, in NW. angle of junction of route rd. with rd. SW. to Ludlow Center, 20 ft. NW. of junction, 20 ft. SW. of center line of rd., in root on NE. side of 60-in. elm tree; copper nail and washer--	431. 93
Rock Rimmon, 0.8 mi. by rd. E. of, in SW. angle of junction of route rd. with winding rd. to SW., 60 ft. W. of junction, 20 ft. S. of center line of rd., in root on NE. side of 10-in. hickory tree; copper nail and washer-----	624. 62
Rock Rimmon, 0.2 mi. W. of, about 0.2 mi. E. of Belchertown-Granby town line, 10 ft. S. of center line of rd., in root on NW. side of 20-in. maple tree; copper nail and washer-----	767. 22
Rock Rimmon, about 0.3 mi. W. of, opposite Belchertown-Granby town line, at S. edge of traveled way, on boulder; top of boulder--	691. 90
Rock Rimmon, 1.7 mi. W. of, 2.0 mi. NE. of Ludlow City, 90 ft. SE. of junction of route rd. with rd. N., 25 ft. NE. of center line of rd., on top of boulder; standard tablet stamped "WH 9 373 1934"-----	373. 412
Reference mark, 15 ft. N. and 30 ft. W. of tablet, 60 ft. SE. of junction, 15 ft. NE. of center line of rd., in root on W. side of 12-in. maple tree; copper nail and washer-----	373. 26
Ludlow City, 0.9 mi. NE. of, in NE. angle of junction of route rd. with rd. N., 85 ft. NE. of junction, 25 ft. NW. of center line of rd., in root on SE. side of 8-in. twin elm tree; copper nail and washer----	270. 43
From West Brimfield southeast along road into Brookfield quadrangle (by E. M. Wheeler in 1934)	
Mass. Dept. Public Works T. B. M. designated "No. 307"-----	395. 980
West Brimfield, 0.3 mi. S. of R. R. sta., about 0.1 mi. SW. of Blodgett Mill Brook, 50 ft. NE. of junction of N.-S. rd. with rd. SE., 20 ft. NW. of center line of rd., in root on E. side of 18-in. twin elm tree; copper nail and washer-----	387. 30

From Long meadow quadrangle at point 1.5 miles south of Sixteen Acres north along road by way of Ludlow into Chicopee quadrangle near Ludlow City (by R. G. Clinite in 1933)

[Line jogs into Chicopee quadrangle]

	<i>Feet</i>
Mass. Dept. Public Works T. B. M. designated "No. 325"-----	313. 149
Mass. Dept. Public Works T. B. M. designated "No. 324"-----	243. 438
Sixteen Acres, 60 ft. S. and 25 ft. W. of intersection of Parker Street and Wilbraham rd., 9 ft. SW. of telephone pole, in top of concrete post; standard tablet stamped "C 6 1933 227"-----	227. 418
Reference mark, 52 ft. E. of tablet, in SE. angle of intersection, on top of concrete boundary stone; NE. corner of top-----	227. 66
Mass. Dept. Public Works T. B. M. designated "No. 323"-----	231. 998
Sixteen Acres, 1.2 mi. N. of, 50 ft. S. of entrance to Hillcrest Park Cemetery, on E. side of Parker Street, in projecting nub on W. side of 42-in. maple tree; copper nail and washer-----	248. 39
Sixteen Acres, 1.7 mi. N. of, 2.1 mi. S. of Ludlow, on E. side of Parker Street, at new concrete bridge over North Branch of Mill River, in top of N. pier of E. balustrade; copper bolt-----	219. 690
Mass. Dept. Public Works B. M. designated "Y 24"-----	236. 532
Ludlow (at corner of Joy and North Streets), 1.7 mi. S. of, in SW. angle of intersection of Parker Street and Boston rd.; top of boundary stone-----	235. 63
Mass. Dept. Public Works T. B. M. designated "No. 322"-----	235. 118
Indian Orchard, at Ludlow Avenue bridge over Chicopee River, in N. corner of SW. abutment; copper bolt, Mass. Dept. Public Works B. M. designated "X 24"-----	226. 885
U. S. C. & G. S. B. M. designated "V 3 1927"-----	245. 885
Ludlow City, 95 ft. W. and 33 ft. N. of center line of crossroads, in S. portion of bisected grass triangle, 25 ft. S. of farmyard entrance, in top of concrete post; standard tablet stamped "C 3 1933 266"-----	266. 249
Reference mark, 120 ft. SE. of tablet, in SW. angle of crossroads, in root on E. side of 28-in. maple tree; copper nail and washer-----	275. 84
Ludlow City, 0.2 mi. N. of, at Hampden-Hampshire county line; center line of rd.-----	249. 83
Ludlow City, 0.4 mi. N. of, in SE. angle of junction of Belchertown-Ludlow City and Granby-Ludlow City rds.; N. corner of drop inlet-----	257. 17

PLYMOUTH QUADRANGLE

[Latitude 41° 52' 30"-42°; longitude 70° 37' 30"-70° 45']

PLYMOUTH COUNTY

From Wareham quadrangle at point west of Gallows Pond and north of Halfway Pond north along road into Manomet quadrangle (by M. A. Roudabush in 1932)

Long Pond, 1.5 mi. NW. of, 1.8 mi. N. of Halfway Pond, in E. angle of junction of Cedarville-Plymouth and East Wareham-Plymouth rds. and private rd. through wire gate to NE., 32 ft. SE. of wire gate entering estate of R. B. Symington, 2.5 ft. SW. of 10-ft. wire fence, 14 ft. NW. of intersection of main fences (NE. and SE.), in concrete post; standard tablet stamped "TT 10 K 1932", painted "189.0"-----	<i>Feet</i> 188. 732
Reference mark, 410 ft. SE. of tablet, 20 ft. NE. of rd., in root on N. side of 10-in. oak tree; copper nail and washer-----	191. 63

From Kingston south west and south along roads to East Carver, thence south and southeast to point 1.0 mile northeast of South Carver, thence northeast along Federal Furnace Road to Carver-Plymouth town line, thence northeast along woods roads to Cooks Pond, thence southeast to road forks 0.2 mile east of Island Pond (by E. G. Clinite in 1933)

[Line jogs into Middleboro and Wareham quadrangles]

Kingston, at junction of Highways 3 and 106, near center of grass triangle, 27 ft. W. of center line of Highway 3, 27 ft. NE. of Highway 106, 30 ft. NW. of watering trough, in concrete post set flush with ground; standard tablet stamped "C 16 1933"-----	<i>Feet</i> 61. 725
Reference mark, 28 ft. SE. of tablet, on NW. end of E. curb around stone watering trough; painted square-----	60. 81
Kingston, 1.0 mi. along Plympton rd. SW. of town hall, 20 ft. W. of center line of rd. in line with S. wall of 1½-story frame house on opposite side of rd., in root of 30-in. maple tree; copper nail and washer-----	67. 71
Furnace Brook Pond; surface of water August 11, 1933, at 10:45 a. m.-----	76. 13
Muddy Pond; surface of water Aug. 11, 1933, at 5 p. m.-----	124. 87
Muddy Pond, at W. end of, 70 ft. SW. of lake shore, 60 ft. N. of rd. fork, on D. W. Gurnett's estate, on E. side of grass triangle, in base of 12-in. pine tree; rail spike-----	135. 13
Muddy Pond, 1.0 mi. S. of W. end of, in NE. angle of junction of Plympton rd. and private rd. N. to D. W. Gurnett's estate, in root on E. side of 18-in. locust tree; copper nail and washer-----	167. 72
Darby Pond, 0.3 mi. E. of, 130 ft. E. of junction of Highway 101 with dirt rd. N., 200 ft. SW. of Parker's lunch stand, 30 ft. S. of center line of Highway 101, in root of 26-in. elm tree; copper nail and washer-----	122. 86
Plymouth, 5.0 mi. along Highway 101 W. of, near village of East Carver, 550 ft. E. of Plymouth-Carver town line, 50 ft. SE. of Taylor's "dinette", in W. angle of forks of macadam rds., 30 ft. N. of center line of highway, at gasoline filling stand (pumps removed) in center of top of base; standard tablet stamped "C 18 1933"-----	147. 204
Reference mark, 260 ft. E. of tablet, at NE. corner of small cemetery in root of 28-in. pine tree; rail spike-----	152. 19
Federal Pond, about 1 mi. NW. of, 360 ft. N. 36° E. of intersection of Federal Furnace rd. and Carver-Plymouth town line, 80 ft. SW. of forks of rd. to Clew Pond, 65 ft. NW. of center line of rd., in top of large boulder; chiseled square-----	122. 22
Curlew Pond, 0.5 mi. S. of, 15 ft. W. of center line of rd., in top of 7- by 7- by 9-ft. triangular boulder; standard tablet stamped "C 21 1933"-----	121. 277
Reference mark, 255 ft. S. 35° W. of tablet, in NE. angle of forks of woods rd., in base of 16-in. pine tree; rail spike-----	115. 50
Widgeon Pond, 0.4 mi. NW. of N. end of, 25 ft. W. of rd. junction marked "Times Square", in base on W. side of 12-in. pine tree; rail spike-----	144. 44
Great South Pond, 0.5 mi. W. of center of W. side of, 50 ft. NE. of center line of junction of rd. SE., on top of boulder about ground level; chiseled circle-----	153. 14

Little South Pond, at N. end of, 460 ft. S. of crossroads, on W. side of concrete pier extending into pond, 6.3 ft. W. of NW. corner of brick gatehouse, in top of concrete retaining wall; standard tablet stamped "C 22 1933"-----	Feet 102. 763
Reference mark, 70 ft. N. of tablet, on SE. corner of concrete housing of valve well; chiseled square-----	101. 58
Little South Pond; surface of water August 18, 1933, at 9 a. m.---	98. 94
Cooks Pond; surface of water August 18, 1933, at 10:15 a. m.---	86. 72
Plymouth, 2.3 mi. SE. of, 0.5 mi. NE. of Cooks Pond, 30 ft. SW. thence 18 ft. NW. of junction of macadam rd. and woods rd. NW., in root on NW. side of 16-in. white-oak tree; copper nail and washer-----	122. 39
Plymouth, along rd. 3.3 mi. SE. of, 45 ft. N. and 15 ft. E. of junction of macadam rd. and dirt rd. S. to Boot Pond, in root on E. side of 12-in. pine tree; copper nail and washer-----	82. 89

From road forks 1.0 mile east of Crooked Pond (southeast of Gunners Exchange Pond) along roads north by way of Chiltonville to junction of State Highway 3 and Cliff Street (by R. G. Clinite in 1933)

[Line jogs into Manomet quadrangle]

Russell Mill Pond, 1.6 mi. S. of, on W. side of rd., opposite dim woods rd., on top of boulder partly embedded; chiseled square-----	173. 90
Russell Mill Pond, 0.4 mi. S. of, 70 ft. NE. of junction of woods rd., 25 ft. E. of center line of rd., in root on E. side of 10-in. pine tree; copper nail and washer-----	137. 28
Russell Mill Pond, 1.8 mi. by rd. N. of, 30 ft. N. of forks of Russell Mill rd., 15 ft. W. of center line of Sandwich Rd., on top of stone bound; painted square-----	63. 91

From north side of Rocky Pond (northeast of Federal Pond) by water leveling across pond, thence along road south into Wareham quadrangle (by R. G. Clinite in 1933)

Rocky Pond; surface of water August 25, 1933, at 8:30 a. m.-----	107. 1
Rocky Pond, on S. side of, at tail gate of sluice to cranberry bog; SE. end of concrete wall-----	110. 92

From Kingston west along State Highway 106 into Middleboro quadrangle (by E. M. Titus in 1934)

Kingston, at intersection of Highways 27 and 106 and junction of street NE., 55 ft. E. of intersection, 35 ft. NE. of center line of Highway 106, in front of dry goods store, on top of concrete curb; chiseled square-----	84. 49
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From Plymouth southeast along State Highway 3 into Manomet quadrangle at Eel River (by R. G. Clinite in 1933)

Plymouth, 45 ft. S. of Plymouth Rock, on SE. corner of S. end of granite sea wall; painted square-----	11. 68
Plymouth, in SE. corner of Winter Street and Highway 3 (Main Street), inside of sidewalk corner, on stone bound; highest point in painted circle-----	40. 94
Plymouth, on SE. corner of junction of Highway 3 and Cliff Street, on N. end of stone over storm sewer; painted square-----	42. 40

PROVIDENCE QUADRANGLE

[Latitude 41°45'-42°; longitude 71°15'-71°30']

NORFOLK AND BRISTOL COUNTIES

From New York, New Haven & Hartford Railroad bridge at Gilbert Street,
West Mansfield, south along winding roads into Taunton quadrangle at point
about 2 miles west of Great Meadow Hill (by E. M. Wheeler in 1934)

[Line jogs into Taunton quadrangle]

	<i>Feet</i>
U. S. C. & G. S. B. M. designated "H 1923"-----	144. 560
Attleboro, 2.3 mi. by rd. SE. of, 0.5 mi. N. of Briggs Corner, in SE. angle of junction of Park and Steere Streets, 65 ft. SE. of junction, 40 ft. NE. of center line of Steere Street, on top of conglomerate boulder; standard tablet stamped "C 165 1934 172"-----	172. 333
Reference mark, 20 ft. N. and 55 ft. W. of tablet, 50 ft. S. of junction of Steere and Park Streets, 12 ft. SW. of center line of Steere Street, in root on SE. side of 18-in. elm tree; copper nail and washer-----	168. 28
Rehoboth-Attleboro town line, at crossing of rd.; top of highway bound-----	142. 54
Attleboro, 4.6 mi. SE. of, in NW. angle of junction of route rd. with rd. W., 120 ft. NW. of junction and 20 ft. SW. of center line of rd., in root on W. side of 16-in. pine tree; rail spike-----	149. 58
Attleboro, 4.6 mi. by rd. SE., thence 0.8 mi. SW. from, 0.4 mi. N. of junction of rd. W., 15 ft. W. of center line of rd., in root on W. side of 10-in. oak tree; copper nail and washer-----	145. 55
Annawon Rock, 2.8 mi. by rd. NW. of, 1.2 mi. (air line) NE. of Perry- ville, in NW. angle of junction of route rd. with rd. W., 60 ft. N. of junction, 70 ft. W. of center line of rd., on top of boulder; standard tablet stamped "C 166 1934 156"-----	156. 421
Reference mark, 50 ft. E. of tablet, 60 ft. N. of junction of route rd. with rd. W., 20 ft. W. of center line of rd., in root on SE. side of 12-in. oak tree; copper nail and washer-----	162. 12

From Taunton quadrangle near North Swansea north along winding roads
and back into Taunton quadrangle at point about 1 mile north of Rehoboth
(by E. M. Titus in 1934)

[Line jogs into Taunton quadrangle]

North Swansea, 495 ft. SE. of North School, in triangle at intersection of Highway 6 and Snake Road, 25 ft. E. of center line of Highway 6, on top of catch-basin curb; chiseled square-----	52. 65
North Swansea, 1.1 mi. NE. of, 40 ft. SE. of Swansea-Rehoboth town- line post, 12 ft. E. of center line of Walker Street, in root on SW. side of 24-in. locust tree; copper nail and washer-----	39. 39
Rehoboth Village, at junction of Bay State Road and Chestnut Street, 33 ft. W. of center line of Bay State Road, 30 ft. NE. of NE. corner of American Legion Hall, on S. corner of rock ledge 18-in. above ground; standard tablet stamped "C 172 1934 63"-----	62. 844
Reference mark, 120 ft. S. and 230 ft. W. of tablet, 55 ft. W. of NW. corner of cemetery, 15 ft. S. of center line of Bay State Road, in root on S. side of 24-in. elm tree; copper nail and washer-----	54. 89
Rehoboth Village, 0.4 mi. NW of, in NE. angle of junction of Bay State Road, Danforth Street, and Highway 101, 25 ft. N. of High- way 101; top of granite highway bound-----	57. 34
Rehoboth Village, 0.8 mi. by route NW., thence 1.1 mi. NE. from, 10 ft. N. and 45 ft. E. of intersection of Danforth and Carpenter Streets, on SE. side of trunk of 6-in. oak tree; rail spike-----	52. 09

SAGAMORE QUADRANGLE

[Latitude 41°45'-41°52'30"; longitude 70°30'-70°37'30"]

BARNSTABLE AND PLYMOUTH COUNTIES

From Falmouth quadrangle at Bourne north along highways to Ezekiel Pond, thence west into Wareham quadrangle at point near south side of White Island Pond (by M. A. Roudabush in 1932)

Bourne Village, 20 ft. N. and 95 ft. W. of intersection of U. S. Highway 6 and Head of the Bay Road, 30 ft. N. of center line of Highway 6, 25 ft. W. of walk leading to front entrance of residence of J. L. Bourne, in top of large granite boulder projecting about 1 ft. above ground; standard tablet stamped "TT 14 K 1932"-----	<i>Feet</i> 19. 704
Reference mark, 380 ft. N. of tablet, 18 ft. W. of center line of macadam rd., in S. side of base of 18-in. elm tree; copper nail and washer-----	22. 67
Bourne, on Head of the Bay Road at point 0.5 mi. N. of Highway 6, 0.2 mi. NE. of Queen Sewell Pond, near Little Buttermilk Bay, in W. angle of junction of T-rd. SW., in top of stone post; chiseled square-----	22. 44
Bourne, 1.2 mi. N. of, at point SE. of Ellis Pond, SW. of Goat Pond, and E. of Little Buttermilk Bay, in triangle of rd. fork E. to Bourne-dale, on W. side of concrete-and-masonry well around trees; chiseled square-----	23. 03
Bourne, 2.1 mi. N. of, in NW. angle of junction of Bourne and White Island Roads, in crotch of double oak tree; spike-----	69. 84
Bourne, 2.4 mi. N. of, on White Island Road, at crossroads and junction of woods rd. S. and SW.; center line of rd.-----	53. 3
Bourne, 3.6 mi. N. of, SW. of Ezekiel Pond, 30 ft. E. of T-rd. NE., in N. side of base of 12-in. pine tree; copper nail and washer-----	55. 82
White Island Pond, 750 ft. SW. of outlet of, at plank bridge over irrigation ditch at head of Red Brook; floor of bridge-----	51. 13
White Island Pond, at above-described irrigation ditch; surface of water of ditch Oct. 24, 1932-----	44. 73

From junction of Head of the Bay and Bournedale Roads near Little Buttermilk Bay west along highway on north side of bay into Wareham quadrangle (by M. A. Roudabush in 1932)

Little Buttermilk Bay, 0.2 mi. NW. of, 0.2 mi. SE. of Bennett Pond, 50 ft. SW. of crossing of second-class rd. to property of Mrs. James Meade, in root on NW. side of 8-in. pine tree; copper nail and washer.	44. 58
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From Wareham quadrangle north along Wareham Road (road on west side of Halfway Pond) and Mast Road and back into Wareham quadrangle (by M. A. Roudabush in 1932)

[Line logs into Wareham quadrangle]

White Island Pond, 2.4 mi. N. of, 1.0 mi. S. of Halfway Pond, 20 ft. W. of T-rd. SE., in root of 6-in. pine tree; copper nail and washer.	125. 31
Halfway Pond, about 600 ft. S. of S. end of, 45 ft. S. of center of small triangle formed by junction of Wareham-Plymouth rd. and public rd. E. to Long and Bloody Ponds, 12 ft. S. of signpost marked "Wareham 7 miles Plymouth 9 miles", in concrete post; standard tablet stamped "TT 11 K 1932"-----	92. 045
Reference mark, 160 ft. N. of tablet, 15 ft. W. of rd., in root on W. side of 8-in. oak tree; copper nail and washer-----	87. 40

Agawam River (outlet of Halfway Pond); surface of water Oct. 17, 1932-----	Feet 63. 4
Halfway Pond; surface of water Oct. 17, 1932, at 9 a. m.-----	63. 6
Halfway Pond, at NW. corner of, 15 ft. S. of inlet, 15 ft. W. of rd., on reservoir dam, in root on E. side of 15-in. pine tree; copper nail and washer-----	65. 91
Halfway Pond, 0.3 mi. along Mast Road N. of, 30 ft. S. of second-class crossroads, 20 ft. W. of rd., at corner of Myles Standish State Forest; top of concrete post-----	93. 91
<p>From Falmouth quadrangle near Bourne northeast along U. S. Highways 65 and 6 to Sagamore, thence north to Sagamore Beach, thence west along road and north along State Highway 3 to Ship Pond, thence west along Ship Pond Road to crossroads near Cotton Pond, thence north west and southwest to road forks northeast of Long Pond, thence northwest into Manomet quadrangle (by M. A. Roudabush in 1932; section between Bournedale and Vallerville releveled by R. G. Clinite in 1934)</p>	
[Line jogs into Manomet quadrangle]	
Bourne, 1.9 mi. NE. of, 2.6 mi. W. of Sagamore, 125 ft. W. of junction of U. S. Highway 65 with public rd. E., 75 ft. W. of highway sta. board painted "189+00", 20 ft. S. of highway, on S. edge of right of way, in top of granite boulder in place; standard tablet stamped "TT 15 K 1932" (reported destroyed)-----	30. 889
Bourne, 1.9 mi. NE. of, 205 ft. distant and in azimuth 227°24'06'' from standard tablet "TT 15 K 1932", on S. side of highway, 120 ft. N. and 80 ft. E. of center of highway at junction of public rd. E., in concrete post; U. S. C. E. tablet-----	20. 163
Sagamore, 2.2 mi. W. of, on S. side of highway at point 60 ft. SE. of its junction with second-class rds. leading S. and SE. to Sagamore Rifle Club range, about 150 ft. NE. of another U. S. C. E. tablet, in concrete post; U. S. C. E. tablet-----	17. 462
Sagamore, 1.9 mi. W. of, on N. side of rd., at rd. level, in concrete post; U. S. C. E. tablet stamped "U. S. Engineer Dept."-----	23. 063
Sagamore, 1.8 mi. W. of, at N. edge of R. R. right of way, 300 ft. S. of center line of canal location at sta. 218+09.5, about 10 ft. E. of concrete monument; on stone monument; SE. corner of monument (U. S. C. E. B. M. "120.01" ¹¹)-----	19. 504
Sagamore, 1.3 mi. W. of, S. of highway, at concrete post lettered "MHB"; top of post (probably U. S. C. E. reference mark)-----	75. 65
Sagamore, 1.2 mi. W. of, at old Bournedale sta. (abandoned) on N. Y., N. H. & H. R. R., 335 ft. S. of center line of canal at sta. 181+, at R. R. bridge over abandoned wagon rd. to landing at pipe line, on N. end of E. abutment; top of anchor bolt (U. S. C. E. B. M. "127.09")-----	26. 707
Sagamore, 1.2 mi. W. of, at above-mentioned R. R. bridge, at corner of top of I-beam; point directly over last-mentioned B. M.-----	28. 20
Sagamore, 0.6 mi. W. of, 100 ft. W. of sand pit, 40 ft. E. of rd. S., 20 ft. S. of center line of highway, on top of large boulder; knob cut (U. S. C. E. B. M. "Primary 130.796")-----	30. 433
Sagamore, at R. R. passenger sta., in NE. corner of stone doorsill of smoking room; chiseled square with drill hole ¼ in. deep (N. Y., N. H. & H. R. R. B. M. 24.644, Boston city base)-----	18. 433

¹¹ Elevations of bench marks of Cape Cod Canal are referred to a datum plane assumed to be 100 ft. above mean sea level.

Sagamore, at highway bridge over Cape Cod Canal, 220 ft. S. of location center line, on NE. corner of second footing S. of main pier; rivet head (U. S. C. E. B. M. "117.192")-----	<i>Feet</i> 16. 78
Sagamore, at N. end of highway bridge over Cape Cod Canal, in top of W. end of concrete shore abutment at point 1.5 ft. N. of electric-light standard; standard tablet stamped "TT 4 K 1932" (reported destroyed)-----	29. 692
Reference mark, 500 ft. NE. of tablet, in NW. angle of T-street W., opposite Memorial Church, on top of stone bound post; chiseled square-----	32. 35
Sagamore, 0.7 mi. N. of school, 0.9 mi. S. of post office at Sagamore Beach, 20 ft. W. of township rd. E. of State Highway 3, in top of large embedded boulder; chiseled square-----	82. 44
Sagamore Beach (on Cape Cod Bay), at post office, in NE. angle of crossroads; top of stone bound post-----	60. 20
U. S. C. & G. S. B. M. designated "Tidal No. 4 (1916)"-----	50. 637
U. S. C. & G. S. B. M. designated "Tidal No. 2 (1860)"-----	23. 097
Sagamore Beach, 0.7 mi. NW. of, 0.4 mi. SE. of Plymouth County line, 50 ft. S. of second-class rd. crossing, 30 ft. W. of State Highway 3, in W. side of base of 18-in. pine tree; spike, driven horizontally (Mass. Highway Dept. B. M.)-----	101. 41
Barnstable-Plymouth county line, at intersection of State Highway 3; center line of highway-----	123. 3
Cedarville, 0.3 mi. E. of, 100 ft. N. of T-rd. W., in N. angle of small wooded park on W. side of Highway 3, in root on N. side of 8-in. oak tree; copper nail and washer-----	88. 32
Cedarville, 0.5 mi. N. of, at old Costello Corners (Nameloc Corners), 300 ft. S. of actual junction of State Highway 3 with macadam county rd. S. to Great Herring Pond, 200 ft. N. of Anderson's store, 110 ft. W. of Shell filling sta., near center of small park, on concrete post; standard tablet stamped "TT 5 K 1932"-----	107. 86
Reference mark, 75 ft. NE. of tablet, on W. corner of concrete porch of store called "Nameloc Rest", 2 ft. S. of Shell gasoline pump; chiseled square-----	108. 46
Cedarville, 1.2 mi. N. of, 1.6 mi. SW. of Ellisville, at rd. fork NE. to Ellisville; grating of storm sewer-----	145. 08
Ellisville, 0.7 mi. SW. of, 1.6 mi. N. of Nameloc Corners, 30 ft. SE. of second-class rd. crossing, in root on E. side of 8-in. pine tree; copper nail and washer-----	84. 02
Ellisville, 0.4 mi. SW. of, in NE. angle of second-class rd. crossing, on summit; S. corner of concrete curb-----	74. 61
Ellisville, 0.3 mi. NW. of, in NW. angle of crossroads at W. end of Salt Pond, on S. end of granite storm sewer intake curb; chiseled circle-----	25. 89
Vallerville, 0.9 mi. S. of, between cranberry bogs, W. of highway, on N. point of concrete base of Carlson gasoline pump; chiseled square-----	30. 80
Vallerville, on W. side of Ship Pond, 100 ft. E. of State Highway 3, 100 ft. N. of Valler's filling sta., 4.5 ft. S. and 3 ft. SW. of corner of front porch of residence of Benjamin F. Griswold, in top of granite boulder; standard tablet stamped "TT 6 K 1932"-----	30. 418
Reference mark, 290 ft. N. of tablet, 30 ft. E. of highway, in top of ledge; chiseled square-----	27. 29

Vallerville, 1.0 mi. along Ship Pond rd. W. of, 0.4 mi. NE. of Morey Hole, at Y-fork N., on SE. side of rd.; in root on N. side of 6-in. pine tree; copper nail and washer-----	<i>Feet</i> 48. 27
Morey Hole; surface of water Oct. 28, 1932, at 5 p. m-----	47. 13
Morey Hole, at W. end of, 1.6 mi. W. of Vallerville, 950 ft. NE. of T-rd. at clearing, 300 ft. E. of Camp Nelson (boy-scout camp), 20 ft. S. of rd., in top of large embedded boulder; chiseled square----	60. 20
Morey Hole, 0.5 mi. W. of, 1.2 mi. SE. of Clam Pudding Pond, just E. of Cotton Pond, 50 ft. N. of crossroads, 30 ft. NW. of tall pine tree with mail boxes attached, in root on E. side of 6-in. pine tree; copper nail and washer-----	64. 60
Long Pond, 0.4 mi. NE. of N. end of, in N. angle of crossroads, in root on N. side of 5-in. oak tree; copper nail and washer-----	152. 94
Long Pond, 0.5 mi. N. of, opposite public rd. S., in root of oak tree; copper nail and washer-----	131. 29

From Cedarville west and northwest along roads to point near White Island Pond, thence southwest to Ezekiel Pond (by M. A. Roudabush in 1932; leveled twice)

Cedarville, 40 ft. SE. of crossroads at school, on S. end of concrete head wall; chiseled square-----	48. 71
Cedarville, 0.4 mi. NW. of school, 40 ft. W. of crossroads, in root of N. side of 10-in. pine tree; copper nail and washer-----	65. 43
Cedarville, 0.8 mi. W. of, 100 ft. N. of Great Herring Pond, at irrigation ditch outlet of Little Herring Pond, on NW. corner of E. abutment of highway bridge over ditch; chiseled square-----	37. 53
Cedarville, 1.6 mi. W. of, 35 ft. S. of T-rd. N. through gate, 60 ft. W. of saddle between Island and Elbow Ponds, in root on N. side of 6-in. oak tree; copper nail and washer-----	74. 54
Cedarville, 2.1 mi. W. and NW. of, N. of rd., at bend S. on summit, in root on E. side of 6-in. pine tree; copper nail and washer-----	122. 34
Cedarville, 2.6 mi. W. and NW. of, 310 ft. E. of old T-rd. N. (now right angle in woods rd.), 30 ft. NE. of rd., on saddle, in root on S. side of pine tree; copper nail and washer-----	66. 16
Rocky Pond; surface of water (high-water mark)-----	48. 9
Cedarville, 0.8 mi. N., thence 2.3 mi. W. (air line) from, 0.8 mi. E. of N. end of White Island Pond, 0.4 mi. E. of Head of the Bay-Long Pond rd., 150 ft. N. of NW. corner of Rocky Pond, at junction of rd. from Long Pond with second-class rd. SW. through property of F. W. Fabyan to Island and Elbow Ponds, 17 ft. S. of wire gate, in concrete post; standard tablet stamped "TT 17 K 1932"-----	63. 804
Reference mark, 500 ft. SW. of tablet, 15 ft. NW. of rd., on small saddle between marshes; driven horizontally into N. side of base of 10-in. pine tree; spike-----	57. 99
Ezekiel Pond, 1.0 mi. N. of, 3.5 mi. W. of Cedarville, E. of rd., at intersection of Buzzards Bay-Long Pond rd. with rd. E. to Rocky Pond, in root on W. side of pine tree; copper nail and washer-----	114. 20
Ezekiel Pond, 0.5 mi. N. of, 40 ft. SE. of intersection of route rd. and rd. E. to Sandy Pond, in root on W. side of 10-in. pine tree; copper nail and washer-----	99. 56
Ezekiel Pond; surface of water Oct. 24, 1932-----	46. 7
Ezekiel Pond, 150 ft. NE. of, in E. angle of T-rd. NE., in root on W. side of 6-in. pine tree; copper nail and washer-----	55. 51

SANDSFIELD QUADRANGLE

[Latitude 42°-42°15'; longitude 73°-73°15']

BERKSHIRE AND HAMPDEN COUNTIES

From Granville quadrangle near Tolland north along winding roads to road forks 1.8 miles west of North Blandford, thence east along road and back into Granville quadrangle (by E. M. Wheeler in 1934)

[Line jogs into Granville quadrangle]

	<i>Feet</i>
Tolland post office, about 500 ft. SE. of, 375 ft. S. and 130 ft. W. of crossroads, in cleared pasture land, in top of rock ledge; standard tablet stamped "C 190 1456 1934"-----	1, 455. 969
Reference mark, 420 ft. N. and 50 ft. E. of tablet, in NW. angle of crossroads, SW. of schoolhouse, 15 ft. N. of covered concrete water tank, 3 ft. SW. of apple tree, on sunken boulder; chiseled square----	1, 461. 68
Tolland post office, 1.4 mi. N. of, 35 ft. S. of center line of bridge over Hubbard River, 15 ft. W. of center line of rd., in root on E. side of 14-in. maple tree; copper nail and washer-----	1, 318. 27
Tolland post office, 2.5 mi. by rd. N. of, about 5 mi. by rd. NW. of West Granville, 70 ft. S. of junction of Tolland-East Otis rd. with rd. E. to Mundale and West Granville, on top of ledge; chiseled square-----	1, 545. 67
East Otis, 2.9 mi. along rd. to West Granville SE. of, about 5.9 mi. NW. of West Granville, opposite Blandford-Tolland town-line bound stone, on boulder; top of boulder-----	1, 586. 42
East Otis, 2.1 mi. along direct rd. to West Granville SE. of, in SE. angle of junction of East Otis-West Granville rd. and rd. E., 120 ft. SE. of junction, 20 ft. NE. of center line of rd., in root on S. side of 30-in. maple tree; copper nail and washer-----	1, 545. 52
East Otis, 1.8 mi. by rd. E. of, 4.5 mi. by rd. W. of Blandford, 0.4 mi. W. of junction of route rd. with rd. S., 25 ft. S. of center line of rd., on top of boulder flush with ground; chiseled square-----	1, 557. 67
East Otis, 0.7 mi. by direct rd. to Blandford E. of, about 0.5 mi. W. of Jackson Hill, in N. angle of junction of W. fork of rd. from N. with E.-W. (East Otis-Blandford) rd., 25 ft. NE. of junction, 20 ft. NW. of center line of rd., in root on N. side of 24-in. maple tree; copper nail and washer-----	1, 522. 84
East Otis, 1.9 mi. by rd. NE. of, on rd. that runs between Haley and Long Ponds, 130 ft. S. of bridge over brook tributary to Blair Pond, 15 ft. E. of center line of rd., in root on NW. side of 18-in. maple tree; copper nail and washer-----	1, 519. 37
North Blandford, 2.8 mi. by rd. SW. of, 3.1 mi. NE. of East Otis, on rd. that runs between Haley and Long Ponds, 110 ft. N. of farmhouse, 40 ft. W. of center line of rd., on ledge flush with ground; standard tablet stamped "C 199 1696 1934"-----	1, 695. 854
Reference mark, 110 ft. S. and 60 ft. E. of tablet, opposite farmhouse on W. side of rd., 15 ft. E. of center line of rd., on ledge flush with ground; chiseled square-----	1, 694. 96
North Blandford, 1.8 mi. by direct rd. W. of, 0.1 mi. E. of Blandford-Otis town line, at junction of North Blandford-West Becket rd. with rd. S. (between Haley and Long Ponds), 10 ft. N. of center line of rd., on top of boulder; chiseled square-----	1, 489. 84

TAUNTON QUADRANGLE

[Latitude 41°45'-42°; longitude 71°-71°15']

BRISTOL AND PLYMOUTH COUNTIES

From Dedham quadrangle at point near West Bridgewater south along winding roads by way of Myricks to Assonet station, thence southeast into Middleboro quadrangle at point near East Freetown station (by R. G. Clinite in 1934)

[Line jogs into Middleboro quadrangle]

West Bridgewater, about 1.7 mi. by direct rd. S. of, on West Bridge- water-Bridgewater town line; center line of rd.-----	<i>Feet</i> 63. 7
Bridgewater, 1.2 mi. W. of, 10 ft. N. and 25 ft. W. of junction of North and Birch Streets, on property of T. McIlwraith, in root on E. side of 38-in. elm tree; rail spike.-----	102. 12
Scotland, 0.3 mi. E. of, 100 ft. N. of junction of Highway 104 and rd. S., 20 ft. W. of highway, in base of 20-in. ash tree; rail spike.-----	95. 55
Scotland, 1.1 mi. by rd. S. of, 65 ft. E. and 20 ft. N. of forks of rd. E., in root on S. side of 12-in. pine tree; rail spike.-----	99. 62
Scotland, 1.7 mi. by rd. SE. of, 50 ft. S. and 20 ft. E. of center of forks at junction of rd. E., 90 ft. SW. of barway to cemetery, on top of large flat boulder; chiseled circle.-----	69. 92
Scotland, 2.5 mi. SE., thence 0.5 mi. W. from, in N. angle of rd. forks, 60 ft. N. and 18 ft. W. of stone bound at Bridgewater-Raynham town line, 25 ft. SW. of farmhouse, in root on E. side of 38-in. elm tree; rail spike.-----	89. 215
Scotland, 4.3 mi. by route S. of, 135 ft. E. and 25 ft. S. of junction of T-rd. N., in root on SW. side of 36-in. elm tree; rail spike.-----	33. 64
East Taunton, 1.3 mi. by rd. E., thence 2.3 mi. N. from, at District No. 6 schoolhouse, on SW. corner of bottom concrete step; chiseled square.-----	66. 55
East Taunton, 1.3 mi. SE., thence 1.8 mi. N. from, 210 ft. S. of center line of Highway 101, 35 ft. W. of center line of Church Street, in shelf on E. side of embedded boulder; standard tablet stamped "C 141 51 1934"-----	51. 034
Reference mark, 120 ft. N. of tablet, 4 ft. W. of telephone pole, on top of concrete highway bound; head of leaded brad.-----	49. 54
East Taunton, 1.3 mi. by R. R. E. of, at wooden rd. bridge on South Street over Middleboro-Taunton Division of N. Y., N. H. & H. R. R., on NW. corner of SW. abutment; chiseled square.-----	54. 54
Raynham-Taunton town line, at crossing of rd., center line of rd.-----	55. 6
East Taunton, 1.3 mi. by rd. SE. of, at Elliot's Corner (intersection of Middleboro Road and South Precinct Street), 25 ft. S. and 30 ft. E. of intersection, in base on S. side of 14-in. locust tree; rail spike.-----	44. 74
East Taunton, 1.3 mi. by rd. SE., thence 1.2 mi. S. from, 75 ft. S. and 40 ft. E. of junction of Kingman and South Precinct Streets, in shelf on N. slope of large boulder; standard tablet stamped "C 142 77 1934"-----	77. 033
Reference mark, 100 ft. NW. of tablet, 20 ft. SW. of rd. forks, in root on E. side of 22-in. pine tree; rail spike.-----	71. 90
Myricks, 1.4 mi. by rd. SE., thence 1.0 mi. NE. and NW. from, in N. angle of junction of Highway 140 and Lang Street, 100 ft. N. and 45 ft. E. of center of junction, 130 ft. SW. of stone wall enclosing cemetery, in grove of small pine trees, opposite Gulf filling sta., in top at NW. end of rock ledge; standard tablet stamped "C 143 184 1934"-----	183. 793

	<i>Feet</i>
Reference mark, 60 ft. W. of tablet, on ledge; chiseled square.....	182. 56
Myricks, 1.4 mi. SE., thence 0.4 mi. NE. from, 30 ft. SE., thence 20 ft. NE. from junction of Highway 140 and dirt rd. W. to Myricks, at entrance to 1-story shingle-sided cottage, on NW. end of bottom concrete step; chiseled square.....	160. 648
Myricks sta., 0.4 mi. SE. of, 450 ft. SE. of Berkley-Lakeville town line, 300 ft. SE. of forks of macadam rd., 20 ft. W. and 15 ft. N. of forks of dirt rd., in root on SE. side of 40-in. white-oak tree; copper nail and washer.....	58. 41
Berkley-Lakeville town line, at crossing of rd.; center line of rd.....	60. 6
Mass. Dept. Public Works T. B. M. designated "No. 199".....	62. 163
Freetown-Berkley town line, at crossing of rd.; center line of rd.....	53. 2
Myricks sta., 1.1 mi. by rd. SW. of, 100 ft. E. of center line of Myricks Street, on W. side of pond, 145 ft. SE. of post marking Berkley-Freetown town line, in root on S. side of 30-in. white-oak tree; copper nail and washer.....	49. 83
Assonet sta., 0.4 mi. N. of, 700 ft. NE. of junction of route rd. with Freetown rd., 100 ft. SE. of shore of mill pond, 30 ft. NW. of macadam rd., in top of ledge; standard tablet stamped "C 144 48 1934".....	48. 302
Reference mark, 1,200 ft. NE. of tablet, 40 ft. SE. of crossroads, 180 ft. NE. of R. R. crossing, in base of double locust tree; rail spike.....	57. 33
Assonet sta., 300 ft. W. of, 40 ft. W. and 20 ft. N. of rd. forks, in root on W. side of 12-in. ash tree; rail spike.....	62. 62
Assonet sta., 1.1 mi. by rd. SE. of, 25 ft. NE. of center of East Freetown rd. at curve, in base on NE. side of 12-in. white-oak tree; rail spike.....	185. 06
Assonet sta., 2.0 mi. SE. of, on SW. side of Assonet-East Freetown rd., opposite stone wall, 70 ft. SE. of old cellar hole, on top of large boulder; chiseled circle.....	169. 05
Assonet sta., 2.9 mi. SE. of, 45 ft. E. and 35 ft. N. of junction of New Bedford and East Freetown rds., in edge of timber, 3 ft. E. of 16-in. pine tree, in shelf of large boulder; standard tablet stamped "C 145 178 1934".....	178. 054
Reference mark, 40 ft. W. and 10 ft. S. of tablet, on N. side of rd. forks, in root on N. side of 18-in. pine tree; rail spike.....	176. 08
East Freetown sta., 1.3 mi. W. of, 600 ft. W. of "Tydol" sta., 18 ft. N. of Chace Road, in root on S. side of 12-in. white-oak tree; rail spike.....	151. 88

From Assonet south and west along roads to Fall River, thence north by way of Somerset and North Dighton to Westville (by E. G. Clinité in 1934)

[Line jogs into Fall River quadrangle]

Assonet River, below stone bridge; surface of water March 15, 1934 at 11:15 a. m.....	-0. 76
Assonet, 0.3 mi. SW. of post office, at junction of rds. marked "Fall River 8 miles, Hicksville 8 miles", 200 ft. S. of church, in base on W. side of 10-in. elm tree in triangle of forks; rail spike.....	48. 16
Assonet, 2.0 mi. by rd. S. of post office, 15 ft. N. and 15 ft. W. of crossroads, in root on W. side of 18-in. pine tree; rail spike.....	172. 25
Assonet, 2.7 mi. S. of, 270 ft. W. and 40 ft. S. of intersection of Freetown-Fall River town line and N.-S. rd., on NE. side of large conical ledge, 16 ft. below summit, 50 ft. NE. of small cedar tree standing on summit, in small horizontal shelf; standard tablet stamped "C 146 158 1934".....	158. 164

Reference mark, 40 ft. N. and 270 ft. E. of tablet, 12 ft. N. of Free-town-Fall River town line, 15 ft. E. of rd., on boulder; dressed point.	<i>Feet</i> 145. 19
Somerset Village, 0.5 mi. W., thence 1.3 mi. by highway SW. from, 90 ft. W. of junction of Highway 138 and Marble Street, on top of large boulder; chiseled circle.	62. 79
Somerset Village, 0.5 mi. W. of, 100 ft. S. and 45 ft. E. of junction of Highway 138 and Palmer Street, 30 ft. S. of barway, 5 ft. E. of stone fence, in top at N. end of large boulder; standard tablet stamped "C 148 19 1934"	18. 997
Reference mark, 340 ft. S. of tablet, 30 ft. E. and 45 ft. N. of junction of Highway 138 and Whetstone Hill Road, in root on NW. side of 20-in. oak tree; rail spike.	13. 49
Somerset Village, 0.5 mi. W., thence 0.8 mi. by highway NE. from, 30 ft. W. and 30 ft. S. of intersection of Highway 138 and North Street, on NW. corner at N. end of concrete coping over drain; chiseled square.	25. 58
Dighton-Somerset town line, at crossing of rd.; center line of rd.	12. 3
Dighton post office, 1.4 mi. SW. of, 65 ft. E. of center line of Highway 138, 110 ft. N. of brook, 100 ft. S. of wire gate, on N. side near top of large pudding-stone boulder; chiseled circle.	14. 90
Dighton, on W. side of R. R., at bridge 29.62 (over Muddy Cove Brook outlet), on SW. corner at S. end of concrete coping; chiseled square.	20. 78
Muddy Cove Brook, at State highway bridge; surface of water March 21, 1934, at 1:45 p. m.	1. 66
Dighton, 120 ft. S. and 50 ft. E. of R. R. sta., 20 ft. S. of center line of street, 23 ft. E. of E. rail, 5 ft. W. and 1 ft. S. of fence corner, in top of concrete post; U. S. C. & G. S. B. M. marked "U. S. C. & G. Survey and State Survey Sta. No. —"	18. 787
Dighton post office, 700 ft. N. and 150 ft. E. of, 180 ft. W. of R. R., 110 ft. S. of stone fence, 150 ft. E. of highway 138, in top of rock ledge; standard tablet stamped "C 149 31 1934"	31. 205
Segreganset River, at State highway bridge; surface of water March 21, 1934, at 2:55 p. m.	0. 98
Dighton post office, 1.0 mi. N. of, 0.7 mi. S. of bridge at Segreganset sta., 60 ft. W. and 30 ft. S. of junction of Highway 138 and macadam rd. SW., in root on E. side of 34-in. elm tree; rail spike.	24. 37
Segreganset sta., at bridge over R. R. tracks, 1 ft. E. of W. end of S. concrete coping; U. S. C. & G. S. B. M. marked "U. S. C. & G. Survey and State Survey Sta. No. —"	60. 152
Segreganset sta., on above-described bridge, on E. end of N. concrete coping; U. S. C. & G. S. B. M. marked "U. S. C. & G. Survey and State Survey Sta. No. —"	58. 628
Segreganset sta., 1.1 mi. by highway N. of, 1.2 mi. S. of North Dighton post office, 100 ft. N. and 170 ft. W. of junction of Highway 138 and macadam rd. NW. (to North Dighton), 90 ft. SW. of Pines filling sta., 3 ft. N. of stone wall, in root of 36-in. mulberry tree; rail spike.	50. 22
North Dighton, 0.8 mi. by rd. S. of post office, 15 ft. W. and 20 ft. S. of junction of Tremont Street and Lincoln Avenue, in root on N. side of 14-in. elm tree; rail spike.	51. 65
North Dighton, 350 ft. E. and 500 ft. N. of post office, 25 ft. W. of Dighton Avenue, in line of stone wall at curve, in top of ledge; standard tablet stamped "C 150 37 1934"	37. 163

Reference mark, 600 ft. S. and 100 ft. E. of tablet, 75 ft. NE. of R. R. crossing, 50 ft. N. of Spring Street, 20 ft. E. of Dighton Avenue, in root on W. side of 24-in. elm tree standing on line of stone fence; rail spike-----	<i>Feet</i> 30. 63
North Dighton, 1.1 mi. by rd. NE. of post office, 1.5 mi. by rd. SE. of Westville, 30 ft. E. and 35 ft. N. of junction of Dighton Avenue and T-rd. E., in base on NE. side of 18-in. black-oak tree; rail spike-----	77. 46
Westville, 0.9 mi. by rd. E. of, 220 ft. E. of rd. forks, 60 ft. S. of Cohannet Street, 180 ft. N. of Dighton Avenue, on top of ledge; chiseled square-----	65. 50

From Raynham station southeast and east along roads to road forks 2.5 miles south of Scotland (by Ira M. Chace, Jr., in 1934)

Mass. Dept. Public Works T. B. M. designated "No. 260"-----	82. 458
Raynham sta., 1.3 mi. by rd. SE. of, at NW. corner of Center Street and North Main Street (Highway 104), in root of 28-in. elm tree; copper nail and washer-----	71. 13
Raynham sta., 1.9 mi. SE. of, 155 ft. E. of outlet (brook) of Tracy's Pond, 26 ft. N. of center line of White Street, in root of 20-in. pine tree; copper nail and washer-----	47. 86
Raynham sta., 2.5 mi. SE. of, 96 ft. NE. of intersection of White and Pleasant Streets, 21 ft. NW. of center line of Pleasant Street, in root of 33-in. buttonwood tree; copper nail and washer-----	63. 35
Raynham village, 1.8 mi. by rd. NE. of, 25 ft. NE. of intersection of Pleasant and Locust Streets, 215 ft. NW. of center line of Pleasant Street, 135 ft. NW., thence 10 ft. NE. from N. corner of main part of house designated 214 Pleasant Street, on property owned by Kazimeirz Polak, in hen yard, in top of large boulder; standard tablet stamped "C 152 102 1934"-----	101. 835
Reference mark, 245 ft. S. and 80 ft. E. of tablet, 60 ft. SW. of intersection of Pleasant and Locust Streets, 30 ft. SE. of center line of Pleasant Street, in root of 12-in. pine tree; copper nail and washer-----	107. 60
Raynham village, 2.4 mi. NE. of, at Raynham-Bridgewater town line, 25 ft. E. and 35 ft. N. of intersection of Pleasant and Pine Streets, on top of town-line bound marked "1856" on its N. side; highest point of top-----	118. 17

From Assonet northwest along roads to Segreganset station (by Ira M. Chace, Jr., in 1934)

Assonet, 90 ft. NE. of intersection of Locust Street and Sammy's Lane, at top of dam on Forge Pond, on N. side of spillway; chiseled square-----	31. 66
Assonet village, 0.4 mi. by rd. NW. of, 60 ft. NW. of intersection of Sammy's Lane and North Main Street, 16 ft. SW. of center line of North Main Street, on SW. side of 24-in. elm tree at point 5 ft. above ground; rail spike-----	88. 56
Assonet village, 0.7 mi. NW. of, 30 ft. SW. of center line of North Main Street, on SW. head wall of culvert, in center of SW. side of top; chiseled square-----	38. 30
Assonet village, 1.2 mi. NW. of, 20 ft. E. of center line of North Main Street, on E. head wall of culvert, in center of W. side of top; chiseled square-----	9. 36

Assonet village, 1.6 mi. NW. of, 23 ft. W. of center line of North Main Street, 20 feet S. of center line of brook, in root on S. side of 36-in. maple tree; copper nail and washer.....	<i>Feet</i> 35. 45
Freetown-Berkley town line, at crossing of rd.; center line of rd.....	56. 2
Berkley, 1.7 mi. by rd. S. of, 1.8 mi. SE. of Segreganset sta., 200 ft. NW. of intersection of South Main Street (Berkley) and Bryant Street, in top of large boulder; standard tablet stamped "C 151 76 1934".....	75. 724
Reference mark, 120 ft. SE., thence 30 ft. NE. from tablet, 30 ft. W. of center line of South Main Street, 70 ft. N. of center line of Bryant Street, in top of ledge; chiseled square.....	82. 66
Berkley, 1.1 mi. SW. of, 1.3 mi. E. of Segreganset sta., 80 ft. W. of junction of Bay View Avenue and Elm Street, 14 ft. N. of center line of Elm Street, 7 ft. W. of center line of brook, on boulder; top of boulder.....	35. 20
Segreganset sta., 0.8 mi. by rd. SE. of, 22 ft. S. of center line of Elm Street, in root on S. side of 30-in. elm tree; copper nail and washer.....	37. 65
Taunton River, on E. bank of, at Berkley Bridge, 43 ft. S. of center line of Elm Street, 10 ft. E. of top of slope of river bank, on N. corner of top of hexagonal millstone; chiseled square.....	7. 29
Taunton River, at Berkley Bridge; surface of water March 21, 1934, at 12:45 p. m. (approximate high water) ¹²	2. 30
Taunton River, at Berkley Bridge; surface of water March 21, 1934, at 2:50 p. m. ¹²	1. 22

From Whittenton Junction north along roads by way of Winneconnet into Dedham quadrangle at point near Easton post office (by E. M. Wheeler in 1934)

Mass. Dept. Public Works T. B. M. designated "No. 156".....	70. 505
Whittenton Junction, 0.3 mi. by rd. NW. of R. R. sta., opposite junction of Fremont and Dunbar Streets, 20 ft. NE. of center line of Fremont Street, in root on S. side of twin maple tree; copper nail and washer.....	65. 45
Whittenton Junction, 1.1 mi. by rd. NW. of, 600 ft. NE. of R. R. crossing, 40 ft. E. of center line of Fremont Street, on top of boulder; standard tablet stamped "C 159 1934 94".....	93. 806
Reference mark, 520 ft. N. and 30 ft. E. of tablet, 12 ft. E. of center line of Fremont Street, in base on W. side of 30-in. buttonwood tree; rail spike.....	92. 76
Whittenton Junction, 1.1 mi. by rd. NW., thence 1.0 mi. N. from, in S. angle of junction of route rd. with rd. SE., 100 ft. S. of junction, 15 ft. E. of center line of Fremont Street, near SW. corner of large boulder; chiseled square.....	97. 77
Whittenton Junction, 1.1 mi. NW., thence 2.2 mi. N. from, in SE. angle of intersection of Bassett Street and Crane Avenue, 125 ft. S. of intersection, 20 ft. E. of center line of Bassett Street, in root on W. side of 18-in. oak tree; copper nail and washer.....	84. 27
Winneconnet Pond, at SE. end of, at outlet, on Norton-Taunton town line, at crossing of rd., on E. side of rd., on top of stone bound; high point of top.....	72. 89

¹² From information furnished by draw tender, the average local range of tides is from 4 to 5 ft.

Winneconnet village, near NE. end of Winneconnet Pond, 295 ft. S. of junction of route rd. with rd. NE., 60 ft. E. of center line of rd., on top of boulder flush with ground; standard tablet stamped "C 158 1934 80"-----	<i>Feet</i> 80. 050
Reference mark, 210 ft. N. and 25 ft. E. of tablet, 25 ft. E. of center line of rd., in clump of three buttonwood trees, in root on NW. side of westernmost tree; copper nail and washer-----	76. 52
Winneconnet village, 0.8 mi. by rd. N. of, 0.7 mi. S. of Norton-Easton town line, 20 ft. E. of center line of rd., on top of boulder; chiseled square-----	91. 25
Norton-Easton town line, at crossing of rd., on W. side of rd., on top of stone bound; NE. corner of top-----	100. 08

From Norton Reservoir northeast along roads into Dedham quadrangle near Norton-Easton-Mansfield town line (by E. M. Wheeler in 1934)

Norton Reservoir, at outlet on E. side of, on top of SE. wing wall of dam; standard tablet stamped "C 95 1934 104"-----	103. 840
Reference mark, 75 ft. N. and 300 ft. E. of tablet, 120 ft. SE. of bridge over outlet of Norton Reservoir, 15 ft. E. of center line of rd., in base on S. side of 30-in. pine tree; rail spike-----	97. 72
Norton sta., 1.4 mi. by R. R. NW. of, 230 ft. NE. of junction of Washington and Newcomb Streets, 15 ft. SE. of center line of Newcomb Street, in root on SW. side of 30-in. oak tree; wire nail-----	115. 70
Mass. Dept. Public Works T. B. M. designated "No. 154"-----	104. 594
Norton sta., 1.0 mi. by R. R. NW., thence 1.2 mi. by rd. NE. from, in W. angle of intersection of Newcomb and Newland Streets, 50 ft. SW. of intersection, 40 ft. NW. of center line of Newcomb Street, in root on SE. side of 16-in. twin oak tree; copper nail and washer-----	113. 65

From intersection of New York, New Haven & Hartford Railroad and Maple Street, near Barrowsville, south along roads to Annawon Rock (by E. M. Wheeler in 1934)

Mass. Dept. Public Works T. B. M. designated "No. 273"-----	121. 205
Barrowsville sta., at crossing of rd. and R. R.; rail spike-----	92. 63
Barrowsville sta., 0.2 mi. by rd. NE. of, 200 ft. N. of center line of rd., at pond of Defiance bleachery, on concrete slab covering drain-gate box, at SW. corner of top; standard tablet stamped "C 163 1934 94"-----	94. 307
Reference mark, 250 ft. S. and 600 ft. W. of tablet, in SE. angle of junction of route rd. with T-rd. NE., in root on SE. side of 16-in. maple tree; copper nail and washer-----	98. 86
Barrowsville sta., 1.1 mi. by rd. S. of, in SE. angle of intersection of route rd. with E.-W. rd., 50 ft. S. of intersection, 10 ft. E. of center line of rd., in root on W. side of 18-in. oak tree; copper nail and washer-----	112. 89
Barrowsville sta., 2.1 mi. S. of, 15 ft. E. of center line of rd., in root on W. side of 18-in. beech tree; copper nail and washer-----	133. 10
Norton-Rehoboth town line, at crossing of rd., 10 ft. E. of center line of rd., on boulder; top of boulder-----	123. 70
North Rehoboth, 0.9 mi. E. of, 3.1 mi. S. of Barrowsville sta., in NW. angle of junction of Dean and Tremont Streets, 60 ft. N. of junction, 45 ft. W. of center line of Dean Street, on E. side of boulder; standard tablet stamped "C 162 1934 146"-----	146. 262

Reference mark, 90 ft. S. and 60 ft. E. of tablet, opposite Dean Street, 25 ft. S. of center line of Tremont Street, in root on S. side of 12-in. elm tree; copper nail and washer.....	<i>Feet</i> 147. 18
Annawon Rock, 2.4 mi. by rd. NE. of, 1.9 mi. SE. of North Rehoboth, in SW. angle of junction of route rd. with Reynolds Avenue, in root on SW. side of 22-in. maple tree; copper nail and washer.....	171. 95
Annawon Rock, 1.3 mi. NE. of, 0.2 mi. N. of Rehoboth-Dighton town line, 15 ft. W. of center line of Reynolds Avenue, in root on E. side of 12-in. oak tree; copper nail and washer.....	207. 28
Rehoboth-Dighton town line, at crossing of rd.; center line of rd....	205. 2
Annawon Rock, 0.3 mi. N. of, in SE. angle of junction of route rd. with rd. NW., on boulder; top of boulder, flush with ground.....	182. 331
Annawon Rock, 3.5 mi. SW. of Westville, in NW. angle of intersection of route rd. (N. to Barrowsville) and "Providence and Taunton rd." (State Highway 101), 25 ft. N. of intersection, 35 ft. W. of center line of rd., on top of ledge outcrop; standard tablet stamped "C 161 1934 165".....	164. 715
Reference mark, 70 ft. N. and 40 ft. E. of tablet, 100 ft. N. of intersection of route rd. and State Highway 101, 15 ft. W. of center line of rd., in root on E. side of 60-in. oak tree; copper nail and washer.....	165. 53

From Whittenton Junction southwest along roads by way of Oakland and Westville to Annawon Rock (by E. M. Wheeler in 1934)

Oakland, 1.6 mi. by rd. SW. of Whittenton Junction, in W. angle of junction of Tremont Street and rd. NW., in root on W. side of 24-in. elm tree; copper nail and washer.....	56. 59
Oakland, 1.1 mi. by rd. S. of, 1.2 mi. N. of Westville, 40 ft. NE. of center line of Walker Street, in root on SW. side of 24-in. ash tree; copper nail and washer.....	47. 05
Westville, in SE. angle of junction of State Highway 101 ("Providence and Taunton Road") and rd. S., on NE. side of boulder marked "Frigate Constitution Anchor Memorial"; on shelf; standard tablet stamped "C 160 1934 38".....	37. 91
Reference mark, 60 ft. N. and 170 ft. E. of tablet, at bridge along State Highway 101 over Three Mile River, on NE. corner of W. abutment; chiseled square.....	41. 15
Westville, 1.2 mi. SW. of, in W. angle of junction of State Highway 101 and T-rd. NW., 30 ft. NW. of center line of highway, in root on NW. side of 12-in. maple tree; copper nail and washer.....	123. 58
Westville, 2.3 mi. SW. of, 110 ft. W. of Rehoboth-Dighton town line, at bridge across tributary of Segreganset River, on SE. corner of top of S. concrete head wall; chiseled square.....	102. 65

From Providence quadrangle at New York, New Haven & Hartford Railroad bridge 1.0 mile southwest of West Mansfield south along winding roads to road forks 2.0 miles west of Great Meadow Hill, thence east to Annawon Rock (by E. M. Wheeler in 1934)

[Line jogs into Providence quadrangle]

West Mansfield sta., 1.8 mi. by rd. S. of, at crossing of Mansfield-Norton town line and Gilbert Street, 12 ft. SW. of center line of Gilbert Street, on boulder; top of boulder.....	142. 44
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West Mansfield sta., 1.7 mi. by rd. S. of, in E. angle of intersection of Gilbert Street with NE.-SW. rd., 60 ft. SE. of intersection, 35 ft. NE. of Gilbert Street, on top of boulder flush with ground; chiseled square-----	Feet 136. 08
West Mansfield R. R. sta., 2.7 mi. along rd. S. of, 500 ft. S. of junction of Gilbert Street with T-rd. E., 25 ft. W. of center line of rd., in root on SE. side of 20-in. elm tree; copper nail and washer-----	120. 41
West Mansfield R. R. sta., 3.1 mi. by rd. S., thence 0.7 mi. W. from, 0.3 mi. W. of Attleboro-Norton town line, at junction of E.-W. rd. with T-rd. S., 80 ft. N. of center line of E.-W. rd., on boulder; standard tablet stamped "C 164 1933 132"-----	131. 889
Reference mark, 75 ft. S. and 120 ft. W. of tablet, in SW. angle of rd. forks, on top of curb inlet stone; chiseled square-----	132. 52
Attleboro, about 2 mi. by rd. E. of R. R. junction at, in NW. angle of junction of route rd. with T-rd. W., 85 ft. N. of junction, 15 ft. W. of center line of rd., on W. side of conglomerate boulder; chiseled square-----	145. 16
North Rehoboth, 2.7 mi. by rd. NW. of, 2.8 mi. SE. of Attleboro, in S. angle of junction of route rd. with T-rd. SE., 80 ft. SW. of junction, 10 ft. SE. of center line of rd., on N. one of two ledges; chiseled square-----	132. 67
Annawon Rock, 2.5 mi. by rd. W. of, in N. angle of junction of route rd. with rd. S., in root on SW. side of 24-in. oak tree; wire nail----	157. 811
Annawon Rock, 1.6 mi. NW. of, in N. angle of intersection of route rd. with rd. NE., 40 ft. NW. of intersection, 20 ft. NE. of center line of rd., on top of boulder; chiseled square-----	116. 98
Annawon Rock, 0.7 mi. NW. of, 150 ft. W. of junction of route rd. with rd. to Great Meadow Hill fire-lookout tower, 15 ft. S. of center line of route rd., on ledge; chiseled square-----	185. 29

From Fall River quadrangle near Pottersville west along road to Swansea, thence north to junction of Smith and Horton Streets, Dighton, thence south-east to Segreganset station (by E. M. Titus in 1934)

[Line jogs into Fall River quadrangle]

Swansea, 1.9 mi. E. of, 40 ft. S. and 15 ft. E. of junction of Buffington and Bark Streets, on NW. corner of concrete base of lamp standard; chiseled square-----	141. 03
Swansea, 0.9 mi. E. of, 105 ft. E. and 8 ft. N. of junction of Buffington Street with rd. NE., 20 ft. N. of center line of Buffington Street, on top of concrete bound; center of lead plug-----	121. 47
Swansea, 1.6 mi. N. of, 2.1 mi. S. of Hornbine School at junction of Mill and Delmage Roads, 18 ft. E. of center line of Mill Road, in root on E. side of 14-in. oak tree; copper nail and washer-----	85. 73
Hornbine School, 0.7 mi. S. of, at junction of Hornbine Street and T-rd. E., 1,200 ft. S. of Spring Street, 10 ft. W. of center line of Hornbine Street, in root on NE. side of 12-in. oak tree; copper nail and washer-----	115. 67
Hornbine School, 140 ft. NW. of center line of Hornbine Street, 70 ft. N. of NW. corner of schoolhouse, on top of ledge; standard tablet stamped "C 168 1934 125"-----	124. 720
Reference mark, 145 ft. S. and 10 ft. E. of tablet, 15 ft. E. of center line of Hornbine Street, in root on SE. side of 14-in. oak tree; copper nail and washer-----	125. 11

Hornbine School, 0.8 mi. E. of, 530 ft. E. of Rehoboth-Swansea town line, 25 ft. N. of Chace Avenue, at entrance to Chace Cemetery, on SW. corner of bottom stone step; chiseled square.....	<i>Feet</i> 90. 95
Hornbine School, 1.4 mi. by rd. E., thence 0.2 mi. N. from, 75 ft. S. of junction of Sharplot rd. and T-rd. E., 15 ft. E. of center line of Sharplot rd., in root on NE. side of 18-in. ash tree; copper nail and washer.....	118. 12
Hornbine School, 1.4 mi. E., thence 1.0 mi. N. from, at bridge over Coles River, on top of rubble masonry on SW. abutment, 1 ft. below bridge floor; chiseled square.....	85. 64
Dighton post office, 2.9 mi. by rd. W. of, 30 ft. N. and 30 ft. E. of intersection of Cedar and Smith Streets, on top of boulder flush with ground; chiseled square.....	106. 13
Dighton post office, 2.9 mi. NW., thence 0.7 mi. NE. from, 240 ft. N. and 40 ft. E. of intersection of Smith and Wellington Streets, 25 ft. W. of center line of Smith Street, on ledge; standard tablet stamped "C 167 1934 109".....	109. 440
Reference mark, 240 ft. S. and 70 ft. E. of tablet, in NE. angle of cross-roads, 18 ft. N. of center line of Wellington Street, in root on SW. side of 30-in. ash tree; copper nail and washer.....	109. 33
Segreganset sta., 3.6 mi. by rd. NW. of, 30 ft. W. of junction of Smith and Horton Streets, 15 ft. S. of center line of Horton Street, in root on N. side of 8-in. triple-trunk elm tree; copper nail and washer....	118. 55
Segreganset sta., 2.2 mi. W., thence 0.3 mi. N. from, 140 ft. N. of Segreganset River, 15 ft. E. of junction of Horton and William Streets, in root on NE. side of 24-in. sycamore tree; copper nail and washer.....	68. 34
Segreganset sta., 1.4 mi. W. of, at junction of Center and Middle Streets, on SE. corner of concrete bridge over Segreganset River, on top of E. end of concrete curb; chiseled square.....	40. 75
Segreganset sta., 0.5 mi. W. of, 0.4 mi. W. of intersection of Center Street and Highway 138, near transmission line, 20 ft. S. of center line of Center Street, in root on N. side of 30-in. elm tree; copper nail and washer.....	40. 72

From Fall River quadrangle at Swansea west along road to road forks about 0.7 mile southeast of North Swansea, thence north along winding road by way of Horton Signal to road forks 1.4 miles southwest of Great Meadow Hill (by E. M. Titus in 1934).

[Line jogs into Fall River and Providence quadrangles]

Swansea, 2.5 mi. by rd. W. of, 0.5 mi. W. of junction of Sea View Avenue and Highway 6, on N. side of Highway 6, at E. end of head wall of concrete culvert; chiseled square.....	58. 27
Swansea, 3.4 mi. by rd. NW. of, 1.8 mi. SE. of North Swansea, 0.3 mi. NW. of Bushy Corner School, 5 ft. S. and 30 ft. E. of junction of Snake Road and Woods Street, near stone wall, on top of flat boulder; standard tablet stamped "C 170 1934 49".....	49. 380
Reference mark, 15 ft. S. and 20 ft. E. of tablet, in SE. angle of junction, 20 ft. NE. of center line of Snake Road, in root on SW. side of 12-in. elm tree; copper nail and washer.....	49. 76
Horton Signal, 1.8 mi. S. of, 30 ft. E. of junction of Davis and Pleasant Streets, on top of large boulder; chiseled square.....	56. 79

Horton Signal, 0.8 mi. S. of, in SE. angle of intersection of Providence and Pleasant Streets, 20 ft. E. of center line of Pleasant Street, in root on S. side of 8-in. elm tree; copper nail and washer-----	<i>Feet</i> 65. 24
Horton Signal, 20 ft. N. and 235 ft. E. of intersection of Brook and Chestnut Streets, 25 ft. N. of center line of Brook Street, near clump of lilac bushes, on S. end of ledge; standard tablet stamped "C 171 1934 112"-----	112. 537
Reference mark, 35 ft. N. and 240 ft. E. of tablet, in NW. angle of intersection, 12 ft. W. of center line of Chestnut Street, in root on E. side of 36-in. elm tree; copper nail and washer-----	110. 25
Horton Signal, 1.1 mi. N. of, 0.5 mi. by rd. NE., thence 1.5 mi. S. from Rehoboth, 0.8 mi. SW. of Mount Terrydiddle, 150 ft. NW. of windmill at farm buildings, 12 ft. E. of center line of Chestnut Street, in root on NW. side of 24-in. elm tree; copper nail and washer-----	75. 67
Mount Terrydiddle, 0.5 mi. NE., thence 0.8 mi. S. of Rehoboth, 55 ft. N. and 10 ft. E. of junction of Chestnut and Kelton Streets, in root on NE. side of 14-in. oak tree; copper nail and washer-----	91. 38
Rehoboth, 0.8 mi. along rd. NW., thence 2.0 mi. NE. from, 174 ft. NE. of 2-car garage, 100 ft. S. of large ledge, near two large boulders, 12 ft. NW. of center line of Carpenter Street, in root on E. side of 12-in. oak tree; copper nail and washer-----	90. 78
Annawon Rock, 2.2 mi. by rd. N W., thence 0.5 mi. S. from, 0.4 mi. N. of junction of Perryville Avenue and Bliss Street, at woods rd., 15 ft. W. of center line of Bliss Street, in root on SE. side of 12-in. oak tree; copper nail and washer-----	145. 21

From junction of Smith and Horton Streets, 3 miles west and 2.3 miles north of Dighton, along roads north and west to Annawon Rock (by E. M. Titus in 1934)

Annawon Rock, 1.8 mi. by indirect rd. SE. of, 650 ft. E. of lone 1½-story house, 35 ft. SE. of center line of rd. at 90°-bend N., in root on NW. side of 12-in. oak tree; copper nail and washer-----	128. 37
Annawon Rock, 1.2 mi. by rd. SE. of, in SW. angle of intersection of woods rds., on top of boulder; chiseled square-----	131. 11

WAREHAM QUADRANGLE

[Latitude 41°45'–41°52'30"; longitude 70°37'30"–70°45']

BARNSTABLE AND PLYMOUTH COUNTIES

From Sagamore quadrangle near Ezekiel Pond southwest along road to point 0.3 mile south of White Island Pond (by M. A. Roudabush in 1932)

White Island Pond, 0.2 mi. S. of, 0.3 mi. W. of Red Brook and of Barker Bros. packing house, in NW. angle of rd. forks N., in root on S. side of twin oak tree; copper nail and washer-----	<i>Feet</i> 73. 42
White Island Pond, 0.3 mi. S. of, 300 ft. NE. of public crossroads, 75 ft. E. of T-rd. NW., in N. side of base of 10-in. pine tree; copper nail and washer-----	62. 00

From Sagamore quadrangle near north side of Buttermilk Bay along road west to Red Brook, thence north along roads by way of White Island and Halfway Ponds into Plymouth quadrangle (by M. A. Roudabush in 1932)

[Line jogs into Sagamore quadrangle]

East Wareham, 2.8 mi. E. of, S. of Bournedale rd. N. of Buttermilk Bay, on NE. corner of Barnstable-Plymouth county-line post; highest point.....	<i>Feet</i> 30. 36
East Wareham, 2.6 mi. E. of, N. of rd., at abandoned fork to NW. near Theodore Lyman's house, at corner of painted fence; top of dressed-stone post.....	19. 81
East Wareham, 2.4 mi. E. of, 1.5 mi. N. and 1.5 mi. (air line) W. of Bourne, 35 ft. SE. of center of Bournedale-Wareham rd., at point 400 ft. SW. of plank bridge over Red Brook, opposite and in line with second-class rd. NW., 214 ft. nearly W. of witness monument No. 9, which marks corner of Bourne, Plymouth, and Wareham townships, on bank about 6 ft. above roadway, in concrete post; standard tablet stamped "TT 13 K 1932".....	20. 586
Reference mark, 19 ft. N. 30° W. of tablet, at fence, on S. corner of concrete post; chiseled square.....	15. 00
Glen Pond, 0.6 mi. S. of, 300 ft. N. of summit of rd., 10 ft. W. of center line of rd., at bend E., in root on W. side of 8-in. pine tree; copper nail and washer.....	46. 27
Glen Pond, 0.2 mi. S. of, in SW. angle of crossroads, in root on W. side of 8-in. pine tree; copper nail and washer.....	55. 54
Glen Pond, 0.6 mi. along Wareham Road NE. of, 30 ft. NW. of T-rd. E., on SW. corner of concrete bound stone; chiseled square.....	71. 50
White Island Pond, about 300 ft. W. of SW. end of, in village of White Island Shores (summer colony), 40 ft. S. of intersection of Plymouth Avenue and Grove Street (E. to the pond), about 1,000 ft. S. of Plymouth-Wareham town line, 70 ft. SW. of R-Haven cottage, in concrete post; standard tablet stamped "TT 12 K 1932".....	80. 735
Reference mark, 370 ft. S. of tablet, 20 ft. W. of rd., in top of concrete bound monument; chiseled square.....	79. 42
White Island Pond, 0.4 mi. N. of SW. end of, near white cottage on top of bank overlooking bay, E. of rd., in concrete post; Mass. Land Court bound tablet, unlettered and unstamped.....	69. 639
White Island Pond, 1.3 mi. N. of, 25 ft. SW. of rd. forks, in root on E. side of 6-in. oak tree; copper nail and washer.....	69. 75
Transit traverse sta. 414+, 1.4 mi. N. of White Island Pond, at second-class crossroads; center line of rd.....	88. 3
Halfway Pond, 1.0 mi. N. of, 20 ft. S. and 30 ft. W. of T-rd. W., in root on N. side of 4-in. oak tree; copper nail and washer.....	132. 67

From Middleboro quadrangle north of Sampson Pond along road southeast to Federal Furnace Road, thence northeast into Plymouth quadrangle at point west of Federal Pond (by R. G. Clinite in 1933)

South Carver, 1.0 mi. NE. of post office, 525 ft. SE. of junction of Mayflower and Federal Furnace Roads, at masonry-and-dirt dam across Sampson Brook, on SW. side of rd. to cranberry bog, 60 ft. N. of S. end of dam, 21 ft. S. of S. sluice, in top course of masonry; standard tablet stamped "C 20 1933".....	90. 132
Reference mark, 525 ft. NW. of tablet, in NE. angle of crossroads, in root on E. side of 18-in. spruce tree; copper nail and washer.....	112. 38

Dunham Pond, 0.3 mi. NE. of, 85 ft. NW. of center line of Federal Furnace Road, 15 ft. SW. of center line of private rd. to Shaw's bogs, on highest point on large boulder; chiseled circle-----	Feet 94. 55
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From Old Shoestring Factory southwest along Federal Furnace Road to South Carver, thence southwest and southeast along roads to South Wareham (by R. G. Clinite in 1933)

[Line jogs into Middleboro quadrangle]

South Carver, in NE. part of, 27 ft. W. and 3 ft. S. of center of junction of macadam rds., 12 ft. S. of brick-walk entrance to house, in stone retaining wall, at ground level; top of iron pin-----	93. 26
South Carver, 120 ft. NE. of post office, in N. angle of junction of Highway 158 and macadam rd. NE., on top of stone bound; high point-----	97. 21
South Wareham, 370 ft. NW. of abandoned sta., at SW. corner of R. R. plate-girder bridge over Main Street, 270 ft. SE. of rd. forks, on third course of masonry above roadway, 10 ft. below rail; standard tablet stamped "C 24 1933"-----	31. 821
Reference mark, 170 ft. W. of tablet, 90 ft. SW. of rd. forks, in top of concrete highway bound; brass disk marked "Plymouth County Highway"-----	38. 88

From Plymouth quadrangle at point 0.5 mile east of Federal Pond south along roads by way of East Head Reservoir and East Wareham to Onset station, on New York, New Haven & Hartford Railroad (by R. G. Clinite in 1933).

Rocky Pond, 1.1 mi. S. of S. side of, on SE. side of Myles Standish State Forest rd., 100 ft. E. of forest boundary, 85 ft. E. of center of crossing of woods rd., 350 ft. SE. of small pond, in base of 11-in. pine tree; rail spike-----	142. 07
Myles Standish State Forest, 2,100 ft. N. and 1,050 ft. W. of fire tower, in NE. angle of crossroads, in base on S. side of 6-in. pine tree; rail spike-----	117. 86
Myles Standish State Forest, at NE. corner of fire tower, on 26-in. concrete footing, at center of E. side of top; standard tablet stamped "C 25 1933" ¹³ -----	136. 207
Reference mark, 0.2 mi. S. and 0.1 mi. E. of tablet, on S. side of rd., at E. angle in concrete coping of bridge; small chiseled square----	94. 74
Myles Standish State Forest fire tower, 1.2 mi. along forest rd. SE. of, at right-angle turn in W. boundary rd., from N.-S. to E.-W., on W. side of turn in rd., in base on E. side of 14-in. pine tree; rail spike--	100. 05
Myles Standish State Forest fire tower, 2.4 mi. along forest rd. SE. of, 0.2 mi. W. of Charge Pond, 60 ft. SE. of center of rd. forks, in base on E. side of 8-in. pine tree; copper nail and washer-----	106. 90
Myles Standish State Forest, at SW. corner of, on Plymouth-Wareham town line, on SW. side of turn in rd., 1 ft. E. of stone bound, in top of concrete post set flush with ground; standard tablet stamped "C 26 1933"-----	77. 307
Reference mark, 650 ft. E. and 50 ft. N. of tablet, in NW. angle of junction of S. boundary rd. of State Forest and woods rd. N. marked "Closed", in base on E. side of 12-in. pine tree; rail spike-----	84. 90

¹³ By tape measurement, the underside of floor of lookout is 59.87 ft. above tablet, or at an elevation of 196.08 ft.

East Wareham, 3.3 mi. N. of, 0.8 mi. S. of Plymouth-Wareham town line, in NE. angle of crossroads, in base on NE. side of 11-in. crooked pine tree; spike driven vertically in notch-----	<i>Feet</i> 68. 74
East Wareham, 2.2 mi. N. of, on SE. side of large cranberry bog, 45 ft. SE. of rd. fork, in root of 6-in. pine tree; copper nail and washer-----	45. 18
East Wareham, 300 ft. W. of junction of Highways 6 and 28, 70 ft. E. of Nolan repair shop, in NE. end of sloping section of concrete retaining wall, 3.3 ft. SW. of end of wall, 2.0 ft. above ground; standard tablet stamped "C 27 1933"-----	23. 925
Reference mark, 800 ft. E. of tablet, on S. side of Highway 28, at E. end of concrete coping of bridge, 5 ft. E. of spillway; chiseled square-----	18. 65

From north end of East Head Reservoir east along road into Sagamore quadrangle at point near south end of Halfway Pond (by R. G. Clinite in 1933)

East Head Reservoir; surface of water Aug. 28, 1933, at 3 p.m.-----	89. 25
Myles Standish State Forest fire tower, 0.7 mi. along forest rd. NE. of, 35 ft. S. of W. leg of triangle at forks of Halfway Pond and Lower College Pond Roads, in base on N. side of 10-in. pine tree; rail spike-----	110. 38
Myles Standish State Forest, 35 ft. N. and 35 ft. W. of center of intersection of Halfway Pond and Upper College Pond rds., in root on E. side of 10-in. pine tree; copper nail and washer-----	162. 47
Myles Standish State Forest, 1,600 ft. W. of E. boundary, 3,300 ft. E. of S. end of Bump Pond, on SW. side of turn in boundary rd., 50 ft. S. of old Halfway Pond rd., 17.4 ft. NW. of concrete bound, in base on N. side of 10-in. pine tree; 3/8-in. iron rod driven horizontally ¹⁴ -----	163. 44
Halfway Pond, 0.4 mi. W. of S. end of, on NW. side of Halfway Pond Road, in angle of rd. forks, in crotch of small double white-oak tree; copper nail and washer-----	88. 97

WARWICK QUADRANGLE

[Latitude 42°30'-42°45'; longitude 72°15'-72°30']

FRANKLIN AND WORCESTER COUNTIES

On Massachusetts-New Hampshire State line at point near East Northfield (by M. A. Roudabush in 1932)

East Northfield, 1.2 mi. N. of, about 1 mi. (air line) E. of Connecticut River, on W. one of two rds. to Manning Hill, at Mass.-N. H. State line, on E. (high) corner of State-line monument; chiseled square ¹⁵ -----	<i>Feet</i> 354. 56
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¹⁴ This bench mark is near Tableland triangulation sta.

¹⁵ The monument leans northwest, or toward the road, and its east corner is 3.7 feet above ground. It is marked "W N H 1894 N Mass 1894."

From French King Bridge over Connecticut River northwest along winding roads into Greenfield quadrangle at point near Gill Center (by R. G. Clinite in 1933)

[Line jogs into Greenfield quadrangle]

	<i>Feet</i>
Mass. Dept. Public Works B. M. designated "AB 8"-----	204. 856
Mass. Dept. Public Works B. M. designated "AA 8"-----	198. 611
French King Bridge, near, at point about 4 mi. by route rd. S. of Gill Center, 120 ft. NE. of center line of Highway 2, 35 ft. NW. of end pedestal of bridge, in root of 18-in. pine tree; rail spike-----	318. 95
Gill Center, 2.0 mi. by rd. SE. of, 220 ft. N. and 20 ft. E. of crossroads, on E. side of rd., at fence line, opposite private way to abandoned farmhouse, in root of 30-in. maple tree; copper nail and washer---	199. 50
Gill Center, 1.0 mi. SE. of, on W. side of rd., 45 ft. S. of barway opposite barn, in root on NE. side of 38-in. maple tree; copper nail and washer-----	295. 42
Gill Center, 0.8 mi. S. of, 300 ft. S. of junction of rd. SW., 20 ft. W. of center line of rd., in ledge at rd. level; standard tablet stamped "C 75 296 1933"-----	295. 624
Reference mark, 21 ft. N. of tablet, in N. end of above-mentioned ledge; chiseled square-----	294. 85

WEBSTER QUADRANGLE

[Latitude 42°-42°15'; longitude 71°45'-72°]

WORCESTER COUNTY

From Millbury southwest along Elmwood Street and Carleton Road to West Millbury, thence south by direct road to West Sutton (by E. L. Haynes in 1934)

	<i>Feet</i>
Mass. Dept. Public Works B. M. designated "AB 32"-----	416. 790
Millbury, 0.6 mi. W. of L'Assomption School, in SE. angle of intersection of Elmwood Street and Elmwood Terrace, on top of large rock outcrop; chiseled square-----	430. 71
Millbury, 1.5 mi. W. of, 1.4 mi. NE. of West Millbury, at Old Common, 186 ft. W. of junction of Carleton and Auburn Roads, 32 ft. S. of center line of Carleton Road, in root on N. side of 24-in. pine tree nearest rd.; copper nail and washer-----	634. 81
West Millbury, 0.7 mi. by route taken NE. of Union Chapel, 0.8 mi. SW. of Old Common, on triangular plot formed by junction of Carleton and Stowe Roads, 128 ft. E. of W. junction and 115 ft. W. of E. junction, 20 ft. N. of center line of Carleton Road, on top of boulder; chiseled square-----	564. 28
West Millbury, near Union Chapel, 250 ft. N. of N. face of chapel, 220 ft. W. of West Main Street, in pasture just W. of hayfield, on top of rock outcrop; standard tablet stamped "HY 10 1934"-----	640. 388
Reference mark, 167 ft. N. of N. face of chapel, 135 ft. W. of West Main Street, in hayfield, on top of rock outcrop; chiseled square----	642. 21
West Millbury, on Dolan Road near bridge over outlet of Ramshorn Pond, 126 ft. N. of center line of bridge, 17 ft. E. of center line of Dolan Road, in root on S. side of 20-in. ash tree; copper nail and washer-----	640. 02

West Millbury, 1.8 mi. S. of Union Chapel, 2.7 mi. N. of West Sutton, near junction of Griggs and West Millbury Roads, 60 ft. E. of West Millbury Road, 31 ft. S. of Griggs Road, in corner of pasture, on top of boulder; chiseled square-----	<i>Feet</i> 683. 70
West Sutton, 2.0 mi. N. of, near junction of Eight Lot, Cole Hill, and Oxford Roads, 101 ft. N. of Cole Hill Road, 41 ft. N. of N. face of schoolhouse, on top of boulder; chiseled square-----	612. 85
West Sutton, 0.8 mi. NW. of, near intersection of Eight Lot and Town Farm-Harwood Roads, 110 ft. S. of Town Farm Road, 49 ft. W. of Eight Lot Road, in NE. corner of field, on top of boulder; chiseled square-----	665. 08
West Sutton, in NE. angle of junction of Eight Lot and West Sutton Roads, 328 ft. N. of center-line junction of these rds., 28 ft. E. of center line of Eight Lot Road, on Wilson property at point 3 ft. E. of stone wall on property line, in top of granite bound; standard tablet stamped "HY 11 1934"-----	622. 544
Reference mark, 82 ft. NE. of center-line junction of West Sutton and Eight Lot Roads, 21 ft. E. of center line of West Sutton Road, in root on N. side of 18-in. oak tree; rail spike-----	612. 07
From West Sutton northeast and north along indirect road by way of Sutton to Millbury (by E. L. Haynes in 1934)	
[Line jogs into Blackstone quadrangle]	
West Sutton, 1.2 mi. NE. of, 125 ft. W. of center-line junction of Central Turnpike and Luther Road, 86 ft. N. of center line of Central Turnpike, in top of boulder; chiseled square-----	625. 69
West Sutton, 1.7 mi. NE. of, 1.9 mi. by direct rd. SW. of Sutton, 226 ft. S. of center-line intersection of Millbury-East Douglas highway and Mendon Road, 60 ft. E. of center line of highway, in field, on top of boulder; chiseled square-----	638. 07
West Sutton, 2.7 mi. by direct rd. (3.1 mi. by route taken) NE. of, 1.4 mi. by direct rd. S. of Sutton, 63 ft. E. of center-line junction of Central Turnpike and Lowe Road, 41.5 ft. N. of center line of turnpike, in field, on top of boulder; chiseled square-----	730. 17
Sutton, near junction of Wilkinsonville and Whitin Roads, at town hall, 1.8 ft. E. of E. wall of building, 1.5 ft. S. of S. end of brick steps at main entrance, in top of granite bound; standard tablet stamped "HY 12 1934"-----	705. 658
Reference mark, 117.5 ft. S. of SE. corner of town hall, 31 ft. W. of center line of Whitin Road, in root on E. side of 16-in. maple tree; rail spike-----	710. 78
Sutton, 0.7 mi. E. of, in NW. angle of junction of Wilkinsonville and Wallace Roads, 50 ft. N. of center line of Wilkinsonville Road, 19.5 ft. W. of center line of Wallace Road, in root on E. side of 16-in. oak tree; copper nail and washer-----	581. 34
Sutton, 1.4 mi. NE. of, 3.4 mi. by route taken S. of Millbury, in NE. corner of junction of Wallace and Barnes Roads, in root on SE. side of 34-in. ash tree; rail spike-----	557. 54
Millbury, 1.3 mi. SE. of, on South Main Street (Dudley Road) at crossing of Millbury-Sutton town line, 108 ft. W. of South Main Street, 3 ft. N. of town-line bound stone, in field, on top of boulder; chiseled square-----	507. 71

Millbury, 0.6 mi. SE. of L'Assomption School, in E. angle of junction of South Main and Curve Streets, on N. side of South Main Street, in root on S. side of 20-in. oak tree; copper nail and washer-----	<i>Feet</i> 427. 31
From West Millbury at junction of Carleton and Stowe Roads northwest along roads to Boston & Albany Railroad bridge near Stoneville Reservoir (by E. L. Haynes in 1934)	
West Millbury, 0.9 mi. NW. of junction of Carleton and Stowe Roads, 1.5 mi. SE. of Auburn, near Millbury-Auburn town line, on N. side of Stowe Road, 128 ft. E. of town-line bound stone, in root on S. side of 12-in. shagbark tree; copper nail and washer-----	632. 82
Auburn, 0.7 mi. SE. of Mary D. Stone School, at SW. junction of rds. at intersection of Elm Street and U. S. Highway 20, on W. corner of traffic island at intersection, in root on SW. side of 32-in. ash tree; copper nail and washer-----	522. 07
Auburn, at center of town, near junction of Leicester and Central Streets, on NE. side of Leicester Street, at main (S.) entrance of Mary D. Stone School, on E. corner of top granite step; standard tablet stamped "HY 13 1934"-----	603. 304
Reference mark, at junction of Central and South Streets, on W. side of Central Street opposite South Street, on property of Auburn Community Chapel, on N. side of concrete walk entering chapel property, in root on W. side of 18-in. maple tree (second tree from Central Street); rail spike-----	609. 45
Auburn, 0.7 mi. W. of Mary D. Stone School, near N. junction of rds. at intersection of Leicester and Oxford Streets, on N. side of Leicester Street, 110 ft. W. of center line of Oxford Street, in root on SW. side of 14-in. oak tree; copper nail and washer-----	570. 08
Auburn, 1.1 mi. NW. of, 0.9 mi. E. of B. & A. R. R. bridge over junction of Rochdale Road and Leicester Street, near Leicester Street bridge over Dark Brook, 31 ft. N. of center line of Leicester Street, 21 ft. E. of center line of bridge, in root on W. side of 10-in. oak tree; copper nail and washer-----	598. 18
Mass. Dept. Public Works T. B. M. designated "No. 297"-----	616. 952
From Auburn southwest along Central, Southbridge, and Main Streets to Oxford town hall (by E. L. Haynes in 1934)	
Auburn, 1.0 mi. SW. of Mary D. Stone School, 100 ft. W. of center-line intersection at S. junction of Central and Oxford Streets, on N. side of Central Street, in root on SW. side of 18-in. elm tree; copper nail and washer-----	607. 37
Auburn, 1.9 mi. SW. of, 2.2 mi. by route taken N. of North Oxford, near junction of West and Southbridge Streets, on N. side of Southbridge Street, 221 ft. E. of center line of West Street, in root on S. side of 26-in. maple tree; copper nail and washer-----	625. 78
North Oxford, 1.2 mi. NW. of Woodward School, near junction of Southbridge Street (Highway 20) and Main Street (Highway 12), 69.5 ft. N. of center line of Southbridge Street, 39 ft. W. of Oxford-Auburn town line, 30.5 ft. W. of W. face of Oxford Heights Garage and in line with front of building, in crotch of double oak tree; copper nail and washer-----	623. 79

North Oxford, in SW. corner of Woodward School grounds, 41.5 ft. E. of center line of Main Street, 11 ft. N. of N. property line of St. Anne's Church, in top of granite post; standard tablet stamped "HY 14 1934"-----	<i>Feet</i> 559. 926
Reference mark, on grounds of St. Anne's Church at point just S. of N. property line, 100 ft. E. of center line of Main Street, in root on W. side of 17-in. elm tree (third tree E. of street along property line); rail spike-----	551. 86
North Oxford, 1.1 mi. S. of Woodward School, 2.3 mi. N. of town hall at Oxford, 176 ft. N. of center-line junction of Worcester County Road and Main Street, 16 ft. E. of center line of traveled way of Worcester County Road, in root on W. side of 32-in. pine tree; copper nail and washer-----	510. 50
Oxford, 1.1 mi. N. of town hall, near junction of Main Street and Dana Road, E. of Main Street and N. of Dana Road, on grounds of Hammond School, 75 ft. SE. of SW. corner and 38 ft. S. of SE. corner of school building, on top of rock outcrop; chiseled square--	527. 69
Oxford, on W. side of Main Street, at town hall, on granite-slab floor of main (E.) entrance, on SW. corner of floor; standard tablet stamped "HY 15 1934"-----	513. 540
Reference mark, on NW. corner of junction of Main and Sigourney Streets, 64 ft. N. of center line of Sigourney Street, on W. side of Main Street, in front of library, in root on E. side of maple tree; rail spike-----	510. 60
From crossroads 1.1 miles north of Oxford east and northeast along Dana and Oxford Roads to junction of Oxford, Cole Hill, and Eight Lot Roads, 2 miles north of West Sutton (by E. L. Haynes in 1934)	
Oxford, 1.9 mi. by rd. NE. of town hall, near junction of Dana and Joslin Hill Roads, 212 ft. E. of center line of Joslin Hill Road, 24 ft. S. of center line of Dana Road, on top of boulder; chiseled square-----	697. 87
Oxford, 2.6 mi. NE. of, near junction of Dana and Hudson Roads, 33 ft. W. of center line of Hudson Road, 30 ft. N. of center line of Dana Road, on top of boulder; chiseled square-----	702. 08
Oxford, 3.9 mi. NE. of, 3.3 mi. W. of Sutton, 1.3 mi. W. of junction of Oxford, Cole Hill, and Eight Lot Roads, 49.5 ft. N. of center line of Oxford Road at its nearest point to summit of Breezy Hill, 168 ft. W. of W. face of Breezy Hill Farm house, in old apple orchard, in top of rock outcrop; chiseled square-----	827. 40
From New York, New Haven & Hartford Railroad bridge over Cambridge Street, Worcester, east and southeast along Winthrop Street and Massasoit and Sunderland Roads to Boston & Albany Railroad crossing 0.9 mi. northwest of Millbury Junction (by E. L. Haynes in 1934)	
Mass. Dept. Public Works T. B. M. designated "No. 464"-----	450. 752
Worcester, 0.8 mi. E. of R. R. bridge over Cambridge Street, near junction of Winthrop and Vernon Streets, 20 ft. SW. of center line of Winthrop Street, 36 ft. NW. of center line of driveway to St. Vincent's Hospital, in root on W. side of 23-in. elm tree; copper nail and washer-----	572. 68

Worcester, 1.8 mi. E. of N. Y., N. H. & H. R. R. bridge over Cambridge Street, 2.7 mi. NW. of Millbury Junction of B. & A. R. R., on S. side of Massasoit Road, on grounds of Rice School, 24.5 ft. N. of N. wall of school and 1 ft. E. of E. wall, in top of rock outcrop; standard tablet stamped "HY 16 1934"-----	<i>Feet</i> 502. 749
Reference mark, 186.5 ft. W. of tablet, 48 ft. W. of W. wall of school and 12 ft. N. of N. wall, on top of rock outcrop; chiseled square...	501. 88
Millbury Junction, 1.9 mi. NW. of, near junction of Sunderland Road and Arcadia Street, on N. side of Sunderland Road, 130 ft. W. of center line of Arcadia Street, in root on S. side of 20-in. oak tree; copper nail and washer-----	579. 30
U. S. C. & G. S. T. B. M. designated "85"-----	418. 569

From Graham Street bridge over Boston & Albany Railroad, near Jamesville station, northwest along Ludlow and Main Streets to Cherry Valley, thence north along Reservoir Street into Worcester quadrangle (by E. L. Haynes in 1934)

Mass. Dept. Public Works B. M. designated "B 24"-----	543. 472
Jamesville sta., near, 0.6 mi. NW. of Graham Street bridge over R. R. tracks, about 0.8 mi. SE. of Cherry Valley, on SW. corner of junction of Ludlow and Main Streets, just S. of driveway, on W. abutment of culvert under Main Street, on second step from top; chiseled square-----	644. 42
Cherry Valley, at junction of Main, Sargeant, and Reservoir Streets, 85 ft. N. of center line of Main Street, 58 ft. E. of center line of Reservoir Street, 28 ft. S. of center line of Sargeant Street, on property of Shell service sta., on top of boulder; chiseled square---	707. 99

From Brookfield quadrangle at point 1.1 miles northwest of West Dudley southeast and south along roads to road forks 0.3 mile north of Massachusetts-Connecticut State line, thence west and back into Brookfield quadrangle (by E. M. Wheeler in 1934)

West Dudley, 0.9 mi. by indirect rd. W. of, 1.8 mi. SE. of Sandersdale, 0.4 mi. S. of junction of NW.-SE. rd. with rd. S., 50 ft. E. of center line of rd.-fork S., on top of boulder; standard tablet stamped "WH 27 636 1934"-----	636. 149
Reference mark, 15 ft. N. and 40 ft. W. of tablet, 10 ft. E. of center line of rd., in base on W. side of 9-in. ash tree; rail spike-----	639. 28
West Dudley, 2.1 mi. by indirect rd. SW. of, 3.2 mi. N. of North Woodstock, Conn., in NW. angle of junction of N.-S. rd. with rd. W., 120 ft. NW. of junction, 10 ft. SW. of center line of rd., on top of small ledge; chiseled square-----	601. 40
West Dudley, 2.4 mi. by indirect rd. SW. of, 3.6 mi. N. of North Woodstock, Conn., at Dudley-Southbridge town line, 15 ft. S. of center line of rd., in base of clump of five oak saplings; wire nail--	591. 26

WORCESTER QUADRANGLE

[Latitude 42°15'-42°30'; longitude 71°45'-72°]

WORCESTER COUNTY

From point on Boston & Maine Railroad 1.5 miles north of Summit station,
Worcester, northwest along road to Jefferson station (by E. L. Haynes in
1934; leveled twice)

	<i>Feet</i>
U. S. C. & G. S. B. M. designated "E 4"-----	612. 280
Chaffin, 1.4 mi. SE. of, near junction of Doyle and Glenwood Streets, on N. side of Doyle Street, 141.3 ft. W. of center line of Glenwood Street, on top of granite boulder; chiseled square-----	814. 19
Chaffin, 0.7 mi. SE. of, near junction of Doyle and Shrewsbury Streets, 97 ft. E. of center line Shrewsbury Street, 16 ft. N. of center line of traveled way of Doyle Street, on top of rock outcrop; chiseled square-----	807. 53
Chaffin, in center of village, at junction of Shrewsbury Street and Lincoln Avenue and near intersection of Shrewsbury and Wachusett Streets, 22.5 ft. S. of center line of traveled way of Shrewsbury Street, on property of Worcester Polytechnic Institute, near pond, on NW. corner of concrete head-gate wall; standard tablet stamped "HY 1 1934"-----	708. 372
Reference mark, near intersection of Shrewsbury and Wachusett Streets, 110 ft. E. of center line of Wachusett Street, 43 ft. N. of center line of traveled way of Shrewsbury Street, in root on W. side of 28-in. pine tree; rail spike-----	715. 52
Holden Center, 0.7 mi. SE. of, 1.1 mi. NW. of Chaffin, on SW. corner of junction of Main and Salisbury Streets, in root on NE. side of 28-in. ash tree; rail spike-----	746. 31
Holden Center, on Main Street, at SE. corner of town hall, on top of granite base for column; standard tablet stamped "HY 2 1934"-----	817. 572
Reference mark, in NW. central part of common, directly in front of town hall, 88.5 ft. S. of main building of town hall, in root on SE. side of maple tree; rail spike-----	813. 52
Holden Center, 0.7 mi. NW. of, 0.6 mi. SE. of Eagleville, 184.5 ft. N. of junction of High and Main Streets, on High Street at point 15.5 ft. E. of its center line, in root on SW. side of 24-in. maple tree; rail spike-----	792. 67
Eagleville, on Princeton Street at point 234.5 ft. N. of its intersection with High Street, 20.5 ft. E. of center line of Princeton Street, on top of boulder; chiseled square-----	801. 91
Jefferson, just W. of Princeton Street highway bridge over Quinapoxet River, at old trolley bridge over river, on E. end of S. abutment; chiseled square-----	757. 41
U. S. C. & G. S. B. M. designated "A 4"-----	794. 516

From Worcester at Boston & Albany Railroad bridge over Hammond Street northeast along railroad and roads to Wachusett Reservoir, thence west across Hartwell Street bridge over Boston & Maine Railroad and south along roads to railroad crossing at Shrewsbury Street, 3 miles northeast of Summit station (by E. L. Haynes in 1934)

[Line jogs into Marlboro quadrangle]

Worcester, 1.1 mi. SW. of union sta., at E. abutment of B. & A. R. R. bridge 45.36, over Hammond Street, on second step above N. end of abutment; chiseled square-----	<i>Feet</i> 489. 48
Mass. Dept. Public Works B. M. designated "A 32"-----	490. 013
Mass. Dept. Public Works T. B. M. designated "No. 143"-----	479. 315
U. S. C. & G. S. B. M. designated "H 4"-----	492. 670
Worcester, 1.8 mi. NE. of union sta., near intersection of Belmont and Plantation Streets, 190.5 ft. N. of center line of Belmont Street, 20 ft. E. of center line of Plantation Street, in root on W. side of elm tree; rail spike-----	501. 79
Worcester, 2.9 mi. NE. of union sta., on property of Notre Dame Institute, 48 ft. S. of driveway to institute, 44 ft. W. of center line of Plantation Street, 12 ft. W. of double oak tree, on top of rock; chiseled square-----	443. 08
Worcester, 3.8 mi. NE. of union sta., 3.6 mi. by route taken S. of Wachusett Reservoir, near junction of Lincoln and Boylston Streets, on property of City of Worcester Home Farm, 39 ft. W. of center line of main driveway entering property from Lincoln Street (driveway nearest to street intersection), 31.5 ft. N. of N. right-of-way line of Lincoln Street, on top of granite bound; standard tablet stamped "HY 3 1934"-----	447. 039
Reference mark, at junction of Boylston and Lincoln Streets, on S. side of Lincoln Street, in line with W. right-of-way line of Boylston Street, in front of small garage W. of store, in root on W. side of 30-in. elm tree; rail spike-----	476. 64
Wachusett Reservoir, 2.9 mi. by rd. S. of, near intersection of Boylston and Holden Streets, 95 ft. W. of center line of Holden Street, 66 ft. S. of center line of Boylston Street, in root on E. side of blazed pine tree; rail spike-----	417. 31
Wachusett Reservoir, 1.9 mi. S. of, at SE. corner of Main and Melrose Streets, on Main Street at first maple tree S. of Melrose Street, in root on NW. side of same tree; rail spike-----	478. 61
Wachusett Reservoir, on N. side of Temple Street at point 800 ft. W. of its intersection with Main Street, at S. end of reservoir, at W. abutment of culvert under Temple Street, on bottom step on N. end of abutment; standard tablet stamped "HY 4 1934"-----	391. 168
Reference mark, on property of Metropolitan Waterworks, 114 ft. E. of culvert, 36 ft. N. of center line of Temple Street, in root on S. side of pine tree marked with cross; rail spike-----	403. 23
Wachusett Reservoir, 0.9 mi. by rd. W. of S. end of, 250 ft. S. of Boylston-West Boylston town line, at culvert under Temple Street, on W. side of street, on S. end of W. head wall of culvert; chiseled square-----	393. 31
Wachusett Reservoir, 1.5 mi. by route taken SW. of, on N. side of Hartwell Street, at B. & M. R. R. bridge 6.60, over tracks, 44 ft. W. of W. abutment, on W. end of N. wing wall; chiseled square-----	564. 47
U. S. C. & G. S. B. M. designated "D 4"-----	566. 823

From road forks 0.8 mile southeast of Holden Center south and southeast along Salisbury Street to its junction with Flagg Street, thence southwest along Flagg and Chandler Streets to intersection of Chandler and May Streets, 0.9 mile southeast of Tatnuck (by E. L. Haynes in 1934)

Holden Center, 1.5 mi. SE. of, at junction of Salisbury Street and Newell Road, 22 ft. W. of Salisbury Street, opposite Newell Road, in top of boulder; chiseled square-----	<i>Feet</i> 761. 49
Holden Center, 2.4 mi. SE. of, on Salisbury Street 0.5 mi. S. of its junction with Putnam Road, at brook crossing, 23 ft. E. of center line of Salisbury Street, on S. bank of brook, in top of rock outcrop; chiseled square-----	768. 17
Holden Center, 3.5 mi. SE. of, 135 ft. N. of Holden-Worcester town line, 34 ft. W. of center line of Salisbury Street, on top of boulder; chiseled square-----	796. 17
Holden Center, 4.2 mi. SE. of, about 0.7 mi. S. of Worcester-Holden town line, on property of C. A. Bowker, 132.5 ft. W. of center line of Salisbury Street, 7.8 ft. S. of boundary wall between property of C. A. Bowker and that of D. C. Daniels, in top of large boulder; standard tablet stamped "HY 5 1934"-----	716. 478
Reference mark, on property of D. C. Daniels, 5 ft. N. of property-boundary wall above mentioned, 52 ft. W. of center line of Salisbury Street, in root on NE. side of quadruple maple tree; rail spike----	721. 50
Tatnuck, about 1.8 mi. NE. of, 5.1 mi. SE. of Holden Center, 3.3 mi. by direct rd. NW. of union sta. at Worcester, 138 ft. N. of junction of Salisbury and Flagg Streets, on E. side of Salisbury Street, opposite hydrant, in root on W. side of large elm tree marked with painted cross; rail spike-----	608. 64
Tatnuck, 0.9 mi. E. of, about 3 mi. NW. of union sta. at Worcester, on NE. corner of intersection of Flagg and Pleasant Streets, in SW. corner of grounds of St. Luke's Church, in root on W. side of quadruple elm tree; rail spike-----	616. 07
<p>From Holden Center southwest and south along roads to road forks 1.4 miles west of Tatnuck, thence east and southeast along Pleasant and May Streets to Boston & Albany Railroad bridge over Hammond Street, Worcester (by E. L. Haynes in 1934; line between Holden Center and Tatnuck leveled twice)</p>	
Holden Center, 0.7 mi. SW. of town hall, on N. side of Avery Street at point about 1,800 ft. W. of its junction with Reservoir Street, near top of ridge, 136 ft. E. of cart path, on top of rock; chiseled square-----	934. 31
Holden Center, 1.2 mi. SW. of, at NW. angle of junction of Reservoir Street and Mixer and South Roads, 46 ft. N. of center line of Reservoir Street, 21 ft. W. of center line of Mixer Road on top of boulder; chiseled square-----	933. 41
Holden Center, 2.5 mi. S. of, on property of Worcester Water Supply, at N. end of Holden Reservoir 1,600 ft. NE. of bridge over brook at W. corner of reservoir, 250 ft. SW. of bridge over inlet at NE. end of reservoir, 18 ft. S. of Reservoir Street, in top of granite bound; standard tablet stamped "HY 7 1934"-----	762. 515
Reference mark, on N. side of Reservoir Street at point 169 ft. E. of its junction with South Road, at bridge over brook at W. corner of reservoir, at N. end of W. abutment, on fifth step from top; chiseled square-----	755. 06

Holden Center, 3.3 mi. S. of, 3.6 mi. by route taken NW. of Tatnuck, on property of City of Worcester Waterworks, about 0.2 mi. N. of dam of Holden Reservoir 1,120 ft. N. of Silver Spring Road, 30 ft. E. of center line of Reservoir Street, on top of boulder; chiseled square.....	<i>Feet</i> 769. 86
Tatnuck, 2.6 mi. by rd. NW. of, near junction of Silver Spring Road and Camp Street, 41 ft. W. of center line of Silver Spring Road, 13 ft. N. of center line of Camp Street, on top of boulder; chiseled square.....	1, 073. 59
Tatnuck, 1.8 mi. NW. of, about 3.2 mi. SE. of Paxton Center, near junction of Worcester, Paxton, and Holden town lines, 240 ft. N. of Worcester-Paxton town line, just S. of entrance to Boynton Park, 29 ft. E. of Mower Street, on top of boulder; chiseled square.....	920. 87
Tatnuck, 0.8 mi. W. of, on N. side of Pleasant Street at point W. of Laureldale Road and E. of Mower Street, at culvert over brook under Pleasant Street, on E. end of N. head wall of culvert; chiseled square.....	728. 37
Tatnuck, at junction of Pleasant Street and Chesterfield Road, on N. side of driveway off Pleasant Street to fire sta., on property of fire sta. at point 10.5 ft. W. of E. property line, 18 ft. S. of S. face of E. wing of sta. building, in top of granite bound; standard tablet stamped "HY 6 1934".....	630. 079
Reference mark, on N. side of Pleasant Street, opposite Willard Avenue, just within grounds of fire sta., in root on S. side of large elm tree; rail spike.....	629. 19
Tatnuck, 0.9 mi. SE. of, 3.1 mi. by direct rd. W. of union sta. at Worcester, 0.7 mi. SW. of intersection of Flag and Pleasant Streets, at N. junction of May and Chandler Streets, on E. side of May Street at point 148.5 ft. E. of intersection of center line of N. driveway to State Teachers College and W. right-of-way line of Chandler Street, 128 ft. NE. of hydrant 17 (on W. side of Chandler Street), on top of boulder; chiseled square.....	579. 34
Worcester, 2.0 mi. W. of union sta., 2.2 mi. SE. of Tatnuck, on N. side of May Street, at concrete arch over Beaver Brook, on W. end of N. wing wall of arch; standard tablet stamped "HY 8 1934".....	484. 263
Reference mark, on S. side of May Street, on E. end of S. wing wall of above-described arch; chiseled square.....	483. 88
Worcester, 1.6 mi. SW. of union sta., in NW. angle of intersection of May and Hollywood Streets, on curb line, in root on E. side of maple tree nearest street corner; copper nail and washer.....	553. 88
From Webster quadrangle at point near south end of Lynde Brook Reservoir northwest along Reservoir Street to its junction with Fowler Street, thence northeast along road to Tatnuck (by E. L. Haynes in 1934)	
Cherry Valley, 0.6 mi. N. of, on property of Worcester Water Supply, at S. end of Lynde Brook Reservoir, at N. end of E. wall of spillway, on third step from top; standard tablet stamped "HY 9 1934".....	825. 645
Reference mark, about 0.1 mi. SE. of tablet, on S. boundary line of property of Worcester Water Supply, 59 ft. W. of center line of Reservoir Street, in root on N. side of 30-in. maple tree in stone wall; copper nail and washer.....	835. 55

Cherry Valley, 1.6 mi. NW. of, 2.1 mi. SW. of Tatnuck, in SE. angle of junction of Reservoir and Sylvester Streets, 54 ft. E. of center line of Reservoir Street, 44 ft. S. of center line of Sylvester Street, in field, on top of rock outcrop; chiseled square-----	<i>Feet</i> 908. 00
Tatnuck, 1.3 mi. SW. of fire sta., 0.3 mi. E. of summit of Tatnuck Hill, on property of Jacob Reed, 47 ft. W. of stone bound on N. side of Fowler Street opposite drainage ditch, 31 ft. N. of Fowler Street, on top of rock outcrop; chiseled square-----	923. 66

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