

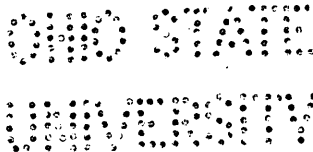
UNITED STATES DEPARTMENT OF THE INTERIOR
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GEOLOGICAL SURVEY
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14

Bulletin 888

SPIRIT LEVELING IN VERMONT
1896-1935

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Chief Topographic Engineer



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II

STATE GEOLOGICAL
SURVEY

SPIRIT LEVELING IN VERMONT, 1896-1935

J. G. STAACK, Chief Topographic Engineer

INTRODUCTION

Scope of report.—This bulletin contains the results of all spirit leveling in Vermont done by the United States Geological Survey, including those heretofore published.¹ The points for which figures of elevation are given are listed according to the quadrangles in which they occur, and thus the list for each quadrangle includes all points within its boundaries for which these figures have been determined. Following the quadrangle lists, which are arranged alphabetically, is a table in which are listed the positions and figures of elevation of certain points that serve to mark the Vermont-New Hampshire boundary. These points were selected and marked by a special commissioner appointed by the Supreme Court of the United States. Results of spirit leveling other than that done by the Geological Survey, with the exception of those contained in the above-mentioned table, are not included in this bulletin.

Cooperation.—Several quadrangles in the southern part of Vermont were mapped by the United States Geological Survey in cooperation with the State before 1896, the year in which the Federal Survey was authorized to establish benchmarks. Since that time the State, through its cooperating agencies, has contributed financially to the survey of 20 additional quadrangles. The War Department has also cooperated in the work, having contributed funds toward the survey of seven of the nine quadrangles that lie along the boundary between the United States and Canada, namely, Averill, Enosburg Falls, Indian Stream, Irasburg, Island Pond, Jay Peak, and Memphremagog. In 15 other quadrangles the leveling was done by the United States Geological Survey without cooperation from any other organization.

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.

¹ For the results of spirit leveling in Vermont previously published see Triangulation and spirit leveling—Vermont: U. S. Geol. Survey 18th Ann. Rept., pt. 1, pp. 235-239, 1897; Triangulation and spirit leveling—New Hampshire and Vermont: U. S. Geol. Survey 19th Ann. Rept., pt. 1, pp. 197-199, 1898; Results of spirit leveling in Maine, New Hampshire, and Vermont, 1896 to 1909, inclusive: U. S. Geol. Survey Bull. 437, pp. 46-54, 1910.

First-order leveling² consists of leveling done with the most improved instruments, all sections being leveled twice, in opposite 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 rods of the New York type, 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.

All leveling done by the United States Geological Survey in Vermont is of third-order accuracy except as otherwise stated.

Adjustments.—The adjustment of a net of leveling 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 Vermont, 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 Vermont 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, although the published figures of elevation may be changed slightly by future adjustments of the level net.

Benchmarks.—The benchmarks used by the United States Geological Survey (pl. 1) are of two general classes—principal and supplementary. Principal benchmarks are placed at more or less regular intervals along a level line and are established with the aim of making them as nearly permanent as practicable. They are usually bronze

² See Avers, H. G., Manual of first-order leveling: U. S. Coast and Geodetic Survey Special Pub. 140, 1929

or aluminum tablets, iron posts, or copper bolts. Supplementary or auxiliary benchmarks are less formal in design and are placed between the principal benchmarks. Some of the supplementary benchmarks in common use are copper nails fitted with washers, spikes, and marks cut with a chisel on rock or masonry.

The tablets are circular in shape, measure $3\frac{3}{8}$ inches in diameter, and taper from a thickness of three-eighths of an inch at the center to about a quarter of an inch near the rounded edge. During a short period in the earlier years of the Survey's leveling the tablets set were made of aluminum. The softness of this metal, however, made them susceptible to damage, so that aluminum as a material for tablets was soon discarded. The earliest tablets set and those now being placed are made of bronze, and bronze is the material now specified for standard tablets. Each tablet is cast with a 3-inch shank extending from the center of its reverse side, by means of which it is cemented in place, and each bears an inscription on its face. The inscriptions on the tablets already placed differ in many details, because of changes in design at various times. The face of every tablet, however, is cast with the words "U. S. Geological Survey"; a cross at the center, which indicates the fiducial point for position or elevation; and the words "Elevation above sea." On some tablets the inscription indicates that they were set in connection with a project in which a State or other organization cooperated; on some the inscription includes a triangle, which signifies a located point, enclosing the cross at the center. Tablets bearing a triangle enclosing a cross may be used not only as benchmarks but also as triangulation- or traverse-station marks. The inscription on most of the tablets already set includes the warning "250 dollars fine for disturbing this mark", but the latest design omits this phrase and adds the sentence "For information write the Director, Washington, D. C."

If the tablet is to mark a transit-traverse station, the traverseman stamps it with letters indicating this use of it, such as "Prim. Trav. Sta.", "P. T. S.", or "T. T.", as well as his own 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. He may at the same time stamp upon it with steel dies the figures of elevation to the nearest foot, or these figures may be added later. Tablets that serve as benchmarks may have been set as such, or they may have been set to mark traverse stations. Thus many of them serve a dual purpose, but each has stamped upon it the date and the identifying designation of the engineer who established it.

The figures of elevation that appear on a tablet are usually those determined by field computation only. It is sometimes found, therefore, that they do not represent the latest information. This has

happened either because they refer to some independent datum temporarily adopted before first-order trunk lines made standard datum available, or because a later adjustment made in the office has rendered necessary an appreciable change in the figures as determined in the field. It is assumed that engineers and others who require accurate figures of elevation for the marks will use those printed in a bulletin such as this one, instead of accepting the stamped figures. If the appropriate bulletin is not conveniently accessible, a request for the desired information may be addressed to the Director of the United States Geological Survey, Washington, D. C.

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 the tablets are set in the tops of reinforced concrete posts, which may be either precast or mixed and molded at the selected site. The posts are about 8 inches square or 8 inches in diameter at the top and larger at the base. They are generally so set as to project about 6 inches above ground and are made sufficiently long to reach below the frost line.

Antedating the concrete posts which are now constructed to hold the tablets in places where masonry or rock is not available are wrought-iron posts, to whose tops are riveted bronze caps of similar design to the tablets. These iron posts measure 4 feet in length and $3\frac{1}{2}$ inches in outer diameter and are set about 3 feet in the ground. The bottom of the post spreads out to a width of about 10 inches in order to give it a firm footing in the earth. No iron posts have been set in recent years. They have proved impracticable, as they are easily disturbed and are subject to rust at the ground level, which eventually destroys them.

The third form of principal benchmark, set only in the early leveling, is a copper bolt, designed to be wedged into a drill hole in rock or masonry and perhaps further secured with lead or cement. This bolt is 4 inches in length and 1 inch in diameter and has a slot at one end into which fits a brass wedge. The wedge serves to expand the bottom end of the bolt, so that after the bolt has been driven to almost its full length into the hole, it cannot be easily removed. The exposed end of the bolt bears an appropriate inscription, stamped upon it with steel dies. This inscription is made up of the letters "U S G S", the letters indicating the datum used, the abbreviated word "Ft.", and the figures of elevation.

Supplementary benchmarks are of many kinds. One kind consists of a copper nail $1\frac{1}{2}$ inches long supplied with a copper washer seven-eighths of an inch in diameter, through which the nail 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 washers the abbreviation of the name of the cooperating State is added. Another kind of supplementary benchmark is a chiseled square, used on the horizontal surface of rocks or masonry structures, or a chiseled cross, used on a vertical surface. Nails, track spikes, small capped iron pipes, and, occasionally, easily described and recognized points, such as doorsills and tops of hydrants, also serve as supplementary benchmarks.

Preservation and restoration of benchmarks.—Any person who finds that a principal 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.³

Index map.—The accompanying index map of Vermont (fig. 1) shows the relative position of the quadrangle areas that make up the State, each of which measures 15 minutes in latitude by 15 minutes in longitude. Maps of many 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—

³ 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.

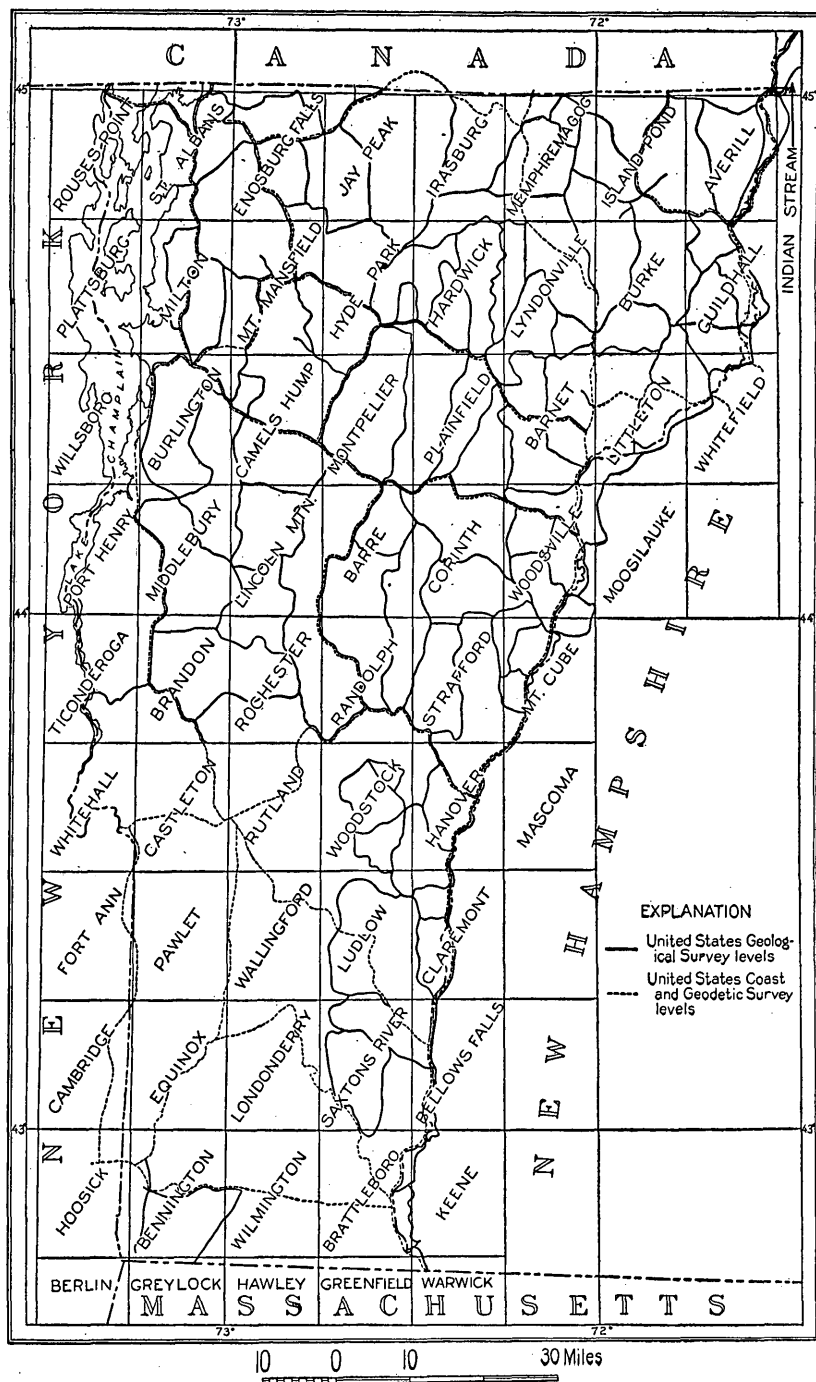
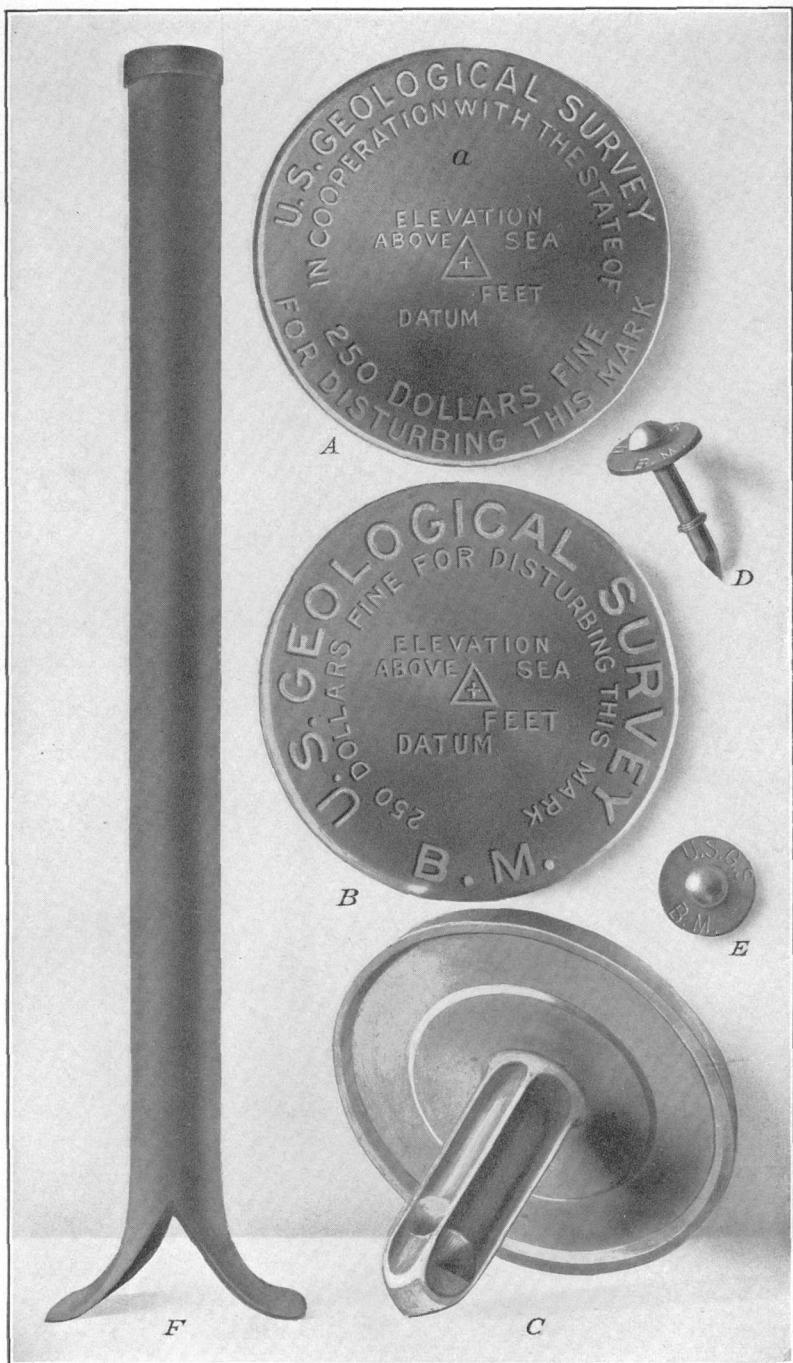


FIGURE 1.—Index map of Vermont showing the quadrangles into which the State has been divided and the routes followed by levelmen of the United States Geological Survey.



GEOLOGICAL SURVEY BENCHMARKS.

A and B, Standard tablets, principal benchmarks, used where masonry or rock is available to hold them. A is used in cooperating States; the State name is inserted at *a*. C, Under side of A and B, showing shank used to hold tablet in place. D and E, Two views of copper nail and copper washer, a supplementary benchmark, used for points lying between those marked by standard tablets. F, Standard iron post fitted with bronze cap similar in design to the standard tablet, formerly used where no rock or masonry was available; superseded by concrete post with tablet set in top.

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 Vermont run by the United States Geological Survey. The light dashed lines indicate the routes followed by the first- and second-order leveling of the United States Coast and Geodetic Survey.

Personnel.—The leveling of the U. S. Geological Survey in Vermont was done under the supervision of the several chief geographers or chief topographic engineers who were in administrative charge of the topographic branch during the years when the lines were run. The name of the levelman who ran a particular line and the date when it was run immediately follow the designation of the route of that line and form part of the heading that precedes the descriptions of benchmarks. The adjustment of the third-order level net and the revision, correlation, and compilation of the descriptions and elevations of benchmarks, as well as the assembling of the lists, were done mainly by D. H. Baldwin, geodetic engineer, under the supervision of R. M. Wilson, chief of the section of computing, under the general direction of J. G. Staack, chief topographic engineer.

THIRD-ORDER LEVELING

AVERILL QUADRANGLE¹

[Latitude 44°45'–45°; ² longitude 71°30'–71°45']

ESSEX COUNTY

From Island Pond quadrangle east along Grand Trunk Railroad to Bloomfield
(by E. E. Harris in 1924)

Wenlock, 0.8 mi. E. of, 180 ft. W. of milepost 141–156, on S. side of R. R. track, in SE. corner of concrete wing wall of trestle 141–03; chiseled square.....	Feet 1, 147. 53
Wenlock, 1.9 mi. E. of, 20 ft. E. of milepost 140–157, on N. side of track, in N. end of W. stone abutment of trestle 140–00; chiseled square.....	1, 144. 65
Wenlock, 2.9 mi. E. of, at milepost 139–158, on S. side of track, on top of large pointed boulder; chiseled square.....	1, 116. 90
Wenlock, 3.7 mi. E. of, 3.7 mi. NW. of Bloomfield, 0.6 mi. W. of crossing of State rd., 700 ft. W. of milepost 138–159, on N. side of track, in top of boulder; standard tablet stamped "1924 H 33".....	1, 078. 642
Reference mark, 142 ft. N. of tablet, on top of boulder; chiseled square.....	1, 076. 31
Bloomfield, 3.0 mi. NW. of, at stone dam on Nulhegan River, in NW. corner of State rd. crossing, on top of boulder; chiseled square.....	1, 051. 99
Bloomfield, 2.1 mi. NW. of, 2,300 ft. W. of milepost 136–161, 30 ft. N. of curve in R. R. track, on top of prominent boulder; chiseled square.....	1, 002. 48
Bloomfield, 1.1 mi. NW. of, 30 ft. S. of track, in root on W. side of 6-in. tree; copper nail and washer.....	960. 22
Bloomfield, 0.2 mi. NW. of, in N. end of E. stone abutment of trestle 134–60, on N. side of track; chiseled square.....	922. 52
Bloomfield, at overhead crossing of Grand Trunk R. R., in N. end of W. concrete abutment; standard tablet stamped "1924 H 34".....	912. 501
Reference mark, 60 ft. W. of tablet, on top of concrete switch block; chiseled square.....	915. 44

From point near Norton Mills, Island Pond quadrangle, east along highways to Canaan and Beecher Falls (by E. E. Harris in 1924)

Roby School, 1.8 mi. W. of Averill post office, 2.6 mi. E. of Norton Mills, 160 ft. E. of school building, 20 ft. N. of fence line, on N. side of angle in rd., in top of prominent boulder; standard tablet stamped "1924 H 25".....	1, 640. 040
Reference mark, 82 ft. N. 65° W. of tablet, in top of large boulder; chiseled square.....	1, 638. 53
Averill post office, 0.8 mi. W. of, 30 ft. S. of rd., on W. edge of second-class rd. S., on top of prominent boulder below rd.; chiseled square.....	1, 699. 12
Averill post office, 0.3 mi. NE. of, at Averill-Norton town line, on W. edge of rd., at junction of rds. NE. and E. to Canaan, on top of large boulder; chiseled square.....	1, 694. 46

¹ Part of this quadrangle lies in New Hampshire.

² A narrow strip of territory lying just north of latitude 45°, given as the northern limit of this quadrangle, has been included on the map for convenience. This strip extends to the United States-Canada boundary.

Averill post office, 1.1 mi. E. of, 0.4 mi. N. of Swinerton's spring, on E. edge of angle in rd., in top of large stone culvert; standard tablet stamped "1924 H 26"-----	Feet 1, 747. 841
Reference mark, 130 ft. S. 45° E. of tablet, in root on W. side of 20-in. elm tree; copper nail and washer-----	1, 746. 33
Forest Lake, on N. side of, 1.8 mi. SE. of Averill post office, in SW. corner of junction of main rd. and rd. W. to Cold Springs Camp on W. side of lake, on top of large boulder; chiseled square-----	1, 674. 07
Forest Lake; surface of water at 11 a. m. July 22, 1924-----	1, 665. 3
Averill post office, 2.9 mi. SE. of, on W. edge of rd., at junction of trail to E., on top of boulder; chiseled square-----	1, 785. 99
Averill post office, 4.2 mi. SE. of, in front of deserted shack, on S. side of rd., in top of large, flat boulder; standard tablet stamped "1924 H 27"-----	1, 926. 993
Reference mark, 66 ft. W. of tablet, on top of large boulder; chiseled square-----	1, 929. 07
Averill post office, 7.0 mi. SE. of, on N. side of rd., at top of small boulder; chiseled square-----	1, 598. 39
Canaan, 3.5 mi. SW. of, 7.6 mi. SE. of Averill post office, in front of house, on S. side of rd., in top of boulder; standard tablet stamped "1924 H 28"-----	1, 370. 574
Reference mark, 100.1 ft. S. 70° E. of tablet, on top of boulder; chiseled square-----	1, 371. 60
Canaan, 2.1 mi. SW. of, on N. side of rd., on E. bank of Brunnell Brook, 50 ft. W. of trail, in root on S. side of 6-in. hemlock tree; copper nail and washer-----	1, 169. 34
Canaan, 1.0 mi. S. of, in SW. corner of junction of T-rd. W., in root on W. side of 18-in. fir tree; copper nail and washer-----	1, 075. 68
Canaan, in center of village, at SW. corner of main crossroads, in N. end of park, in concrete foundation of soldiers' memorial monument, in center of N. side of foundation; standard tablet stamped "1924 H 29"-----	1, 042. 603
Reference mark, 80 ft. S. 40° W. of tablet, on concrete wall of park fountain; chiseled square-----	1, 041. 99
Canaan, 0.6 mi. NE. of, in SW. corner of crossing of Maine Central R. R. and State highway, on top of boulder; chiseled square-----	1, 072. 63
Beecher Falls, 0.4 mi. S. of, 1.4 mi. NE. of Canaan, on W. side of track, in W. end of S. stone abutment of trestle; chiseled square-----	1, 086. 65
Beecher Falls, 20 ft. S. of junction of rd. N., at Wheeler garage, at base of gas tank; chiseled square (by C. E. Reick in 1927)-----	1, 086. 84
Beecher Falls, in front of R. R. sta.; top of rail-----	1, 098. 4
Beecher Falls, 0.5 mi. N. of Maine Central R. R. sta., just W. of tracks, at U. S.-Canada boundary, in dooryard of Chouinard's hotel, known as "Beecher Falls Line House"; International Boundary Commission monument 519-A (Geodetic Survey of Canada B. M. designated "No. 562-B") ⁶ -----	1, 102. 930

⁶ The figures of elevation reported for this point by the International Boundary Commission are 1,102.63; those reported by the Geodetic Survey of Canada are 1,102.621. See International Boundary Commission, Joint report upon the survey and demarcation of the boundary between the United States and Canada from the source of the St. Croix River to the St. Lawrence River, p. 341, Washington, Government Printing Office, 1925; also Montgomery, R. H., Precise leveling in Quebec south of St. Lawrence River: Canada Geodetic Survey Pub. 17, p. 15, 1923.

From Canaan south along roads on west side of Connecticut River to point opposite Colebrook, N. H., thence across river into New Hampshire (by E. E. Harris in 1924)

	<i>Feet</i>
Canaan, 2.0 mi. S. of, on N. bank of drain, on W. side of angle in rd., in root on W. side of prominent elm tree; copper nail and washer----	1, 040. 64
Canaan, 2.9 mi. S. of, 550 ft. S. of house, 70 ft. N. of T-angle in fence line, on W. bank of rd., in top of flat boulder; standard tablet stamped "1924 H 40"-----	1, 071. 399
Reference mark, 35 ft. N. of tablet, on top of boulder; chiseled square----	1, 069. 81
Canaan, 3.8 mi. S. of, on W. side of rd., in front of house, in root on S. side of 18-in. pine tree; copper nail and washer-----	1, 030. 01
South Canaan School, 0.7 mi. N. of, 4.7 mi. S. of Canaan, on top of SW. wing wall of concrete bridge over branch, on W. side of rd.; chiseled square-----	1, 016. 68
South Canaan School, 0.3 mi. S. of, in E. end of SW. wing wall of concrete bridge over branch, on W. side of rd.; standard tablet stamped "1924 H 39"-----	1, 021. 114
Reference mark, 46.1 ft. N. of tablet, in N. end of E. guard rail of bridge; chiseled square-----	1, 022. 36
South Canaan School, 1.5 mi. S. of, at Canaan-Lemington town line, on W. side of reverse curve in rd., on top of stone culvert; chiseled square-----	1, 011. 18
South Canaan School, 2.5 mi. S. of, opposite Colebrook, N. H., at Colebrook covered bridge over Connecticut River, 40 ft. N. of private rd. W. through gate, on W. bank of rd., in root on W. side of 10-in. birch tree; copper nail and washer-----	1, 016. 70

From Colebrook, N. H., across Connecticut River, thence south west along road down west side of river to Bloomfield (by E. E. Harris in 1924)

Colebrook bridge, 1.0 mi. SW. of, on E. side of rd., in root on E. side of 18-in. elm tree; copper nail and washer-----	1, 008. 09
Colebrook bridge, 1.5 mi. SW. of, 70 ft. S. of house, 40 ft. W. of rd., in top of large boulder; standard tablet stamped "1924 H 38"-----	1, 022. 736
Reference mark, 75 ft. E. of tablet, in root on S. side of 22-in. elm tree; copper nail and washer-----	1, 021. 96
Colebrook bridge, 2.5 mi. SW. of, 1.3 mi. N. of Blodgett School, on W. side of angle in rd., in root on S. side of 12-in. elm tree; copper nail and washer-----	1, 014. 34
Blodgett School, near, in SW. corner of rd. forks, on top of boulder at corner of stone wall; chiseled square-----	1, 005. 80
Blodgett School, 0.7 mi. SW. of, at SE. corner of cemetery, on W. bank of rd. at top of grade, in root on E. side of 30-in. white-pine tree; copper nail and washer-----	1, 011. 58
Blodgett School, 1.2 mi. SW. of, 7.8 mi. NE. of Bloomfield, in front of house, on E. side of rd., in top of prominent boulder in cluster of boulders; standard tablet stamped "1924 H 37"-----	1, 007. 781
Reference mark, 108 ft. N. 20° E. of tablet, on top of boulder; chiseled square-----	1, 007. 05
Bloomfield, 6.9 mi. N. of, on E. side of angle in rd., on top of boulder; chiseled square-----	1, 006. 12
Bloomfield, 6.4 mi. N. of, 60 ft. S. of bridge over Clough Brook, on W. side of rd., in root on W. side of twin elm tree; copper nail and washer-----	1, 000. 03
Bloomfield, 5.6 mi. N. of, on W. side of rd., in center of parapet wall of concrete bridge over small drain; standard tablet stamped "1924 H 36"-----	983. 056

Reference mark, 24 ft. S. 60° E. of tablet, in center of same parapet wall; chiseled square-----	<i>Feet</i> 982. 71
Bloomfield, 4.8 mi. N. of, 30 ft. W. of rd. at top of grade, on top of boulder; chiseled square-----	1, 025. 94
Bloomfield, 3.8 mi. N. of, 1,150 ft. N. of Bloomfield Cemetery, on E. edge of rd. at top of grade, in root on N. side of lone pine tree; copper nail and washer-----	1, 058. 55
Bloomfield, 2.8 mi. N. of, near Center School, E. of rd., at entrance to Bloomfield Methodist Church, in center of S. side of lower stone step; standard tablet stamped "1924 H 35"-----	1, 013. 737
Reference mark, 133 ft. N. 70° W. of tablet, in root on W. side of 24-in. pine tree; copper nail and washer-----	1, 011. 25
Bloomfield, 1.8 mi. N. of, on W. side of rd., in center of concrete culvert; chiseled square-----	937. 89
Bloomfield, 1.0 mi. N. of, on E. side of rd., in root on W. side of 15-in. elm tree; copper nail and washer-----	914. 95

From stone dam on Nulhegan River 3 miles along Grand Trunk Railroad northwest of Bloomfield east along State highway 1 mile, thence north along tote road, old railroad grade, and trail, by way of Little Averill and Averill Lakes, to Forest Lake (by E. E. Harris in 1924)

Bloomfield, 2.6 mi. NW. of, in NW. corner of junction of State highway and tote rd. N. up East Branch of Nulhegan River, in root on N. side of 12-in. elm tree; copper nail and washer-----	949. 52
Bloomfield, 3.4 mi. NW. of, 3.8 mi. S. of camp 4 of New Hampshire Stave & Heading Co., 300 ft. S. of house, 20 ft. E. of rd., in top of boulder; standard tablet stamped "1924 H 46"-----	994. 655
Reference mark, 158 ft. S. of tablet, on top of small boulder; chiseled square-----	993. 42
Camp 4, 3.0 mi. S. of, 35 ft. W. of small bridge, on N. side of angle in rd., in root on S. side of 20-in. elm tree; copper nail and washer----	1, 090. 38
Camp 4, 2.0 mi. S. of, on E. side of rd., in small clearing, in root on W. side of 10-in. birch tree; copper nail and washer-----	1, 096. 87
Camp 4, 1.0 mi. S. of, 80 ft. N. of small creek, on E. side of lumber R. R. track, on top of prominent slate ledge; chiseled square-----	1, 179. 73
Camp 4, 0.4 mi. S. of, 400 ft. S. of rd. crossing, 15 ft. W. of track, just N. of prominent boulder, in top of slate outcrop; standard tablet stamped "1924 H 47"-----	1, 218. 770
Camp 4, 0.6 mi. N. of, 1.0 mi. S. of camp 6, 20 ft. E. of track, on top of large boulder; chiseled square-----	1, 271. 47
Camp 6, 20 ft. S. of switch in R. R. track, 15 ft. E. of track, in top of large stump; copper nail and washer-----	1, 305. 47
Camp 10, 25 ft. E. of track, in top of large boulder; standard tablet stamped "1924 H 48"-----	1, 380. 483
Reference mark, 109 ft. N. 15° E. of tablet, on top of boulder; chiseled square-----	1, 379. 70
Camp 13, on N. side of log trail E., 15 ft. E. of track, on top of large boulder; chiseled square-----	1, 456. 15
Camp 13, 1.1 mi. N. of, 0.9 mi. SE. of camp 18, on N. side of log trail, 30 ft. E. of track, in root on W. side of large stump; copper nail and washer-----	1, 477. 38
Camp 18, about 150 ft. E. of R. R., on S. bank of small creek, 30 ft. N. of trail E., in rear of office of New Hampshire Stave & Heading Co., in top of prominent boulder; standard tablet stamped "1924 H 49"-----	1, 556. 237

	<i>Feet</i>
Reference mark, 150 ft. S. 30° W. of tablet, in root on E. side of 15-in. poplar tree; copper nail and washer.....	1, 544. 78
Camp 19, 30 ft. E. of trail, 15 ft. S. of creek, at NW. corner of stable, in top of large stump; copper nail and washer.....	1, 674. 68
Camp 19, 1.1 mi. N. of, 0.4 mi. S. of camp 20, on W. side of trail, near top of grade, on large ledge of rock; chiseled square.....	1, 752. 86
Camp 20, 40 ft. W. of mess hall, 30 ft. W. of trail, in rear of sawyer's shop, in top of prominent boulder; standard tablet stamped "1924 H 50".....	1, 740. 661
Reference mark, 70 ft. N. 40° E. of tablet, in root on E. side of 18-in. elm tree; copper nail and washer.....	1, 738. 64
Little Averill Lake; surface of water at 12 noon Aug. 22, 1924.....	1, 740. 6
Little Averill Lake, 150 ft. W. of dam, on N. shore of lake, on top of prominent boulder; chiseled square.....	1, 745. 54
Averill Lake; surface of water at 9 a. m. Aug. 22, 1924.....	1, 684. 3
Cold Springs Camp, 0.3 mi. W. of, between Averill and Forest Lakes, 50 ft. E. of Pretty Trail, on edge of rd., in root on E. side of 10-in. birch tree; copper nail and washer.....	1, 713. 32

From point 1.9 miles southeast of Wenlock south along trail into Guildhall quadrangle (by R. G. Clinite in 1932)

Wenlock, 2.2 mi. SE. of, 400 ft. SE. of dam, on NE. side of trail to small frame camp, on SE. side of State Highway 105, in root of 20-in. pine tree; bolt.....	1, 156. 97
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BARNET QUADRANGLE ^{6a}

[Latitude 44°15'-44°30'; longitude 72°-72°15']

CALEDONIA AND WASHINGTON COUNTIES

From St. Johnsbury northwest along road 3 miles (by M. C. McClellan in 1928; single-spur line)

U. S. C. & G. S. B. M. designated "A 8".....	555. 169
St. Johnsbury, near W. entrance to property of E. & T. Fairbanks, 20 ft. E. of NE. corner of bridge, in top of stone retaining wall; chiseled square.....	579. 03
St. Johnsbury, 1.0 mi. NW. of, just around dangerous curve where river and rd. run concentric, on W. side of rd., about 20 ft. from tangent, in root on E. side of 24-in. lone elm tree; copper nail and washer.....	582. 90
St. Johnsbury, 1.5 mi. NW. of, 400 ft. N. of rocky gorge in river, 30 ft. NE. of rd., 10 ft. from river bank, in rock outcrop; standard tablet stamped "M 31 1928".....	651. 547
Reference mark, 10 ft. SE. of tablet, in ledge; chiseled square.....	650. 56
St. Johnsbury, 2.5 mi. NE. of, 70 ft. S. of covered bridge over Sleepers River, at E. side of rd., in root on E. side of 24-in. elm tree; copper nail and washer.....	678. 03
St. Johnsbury, 3.0 mi. NW. of, 600 ft. NW. of covered bridge, at W. end of N. parapet, at base of concrete bridge over small stream; chiseled square.....	698. 11

From Woodsville quadrangle north and northwest along roads by way of Peacham into Plainfield quadrangle (by M. A. Roudabush in 1933)

Ricker Mills, 2.0 mi. NE. of, 0.1 mi. SW. of plank bridge over west branch of Red Brook, 40 ft. SW. of another bridge, at S. edge of trail W., in root on N. side of 30-in. leaning birch tree; copper nail and washer.....	1, 247. 10
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^{6a} Part of this quadrangle lies in New Hampshire.

	<i>Feet</i>
Ricker Mills, 2.1 mi. NE. of, at plank bridge over west branch of Red Brook, 40 ft. NE. of fire landing; floor of bridge	1, 236. 1
Ricker Mills, 2.7 mi. NE. of, 50 ft. SW. of stone culvert, opposite T-rd. SE., in root on N. side of 8-in. birch tree; copper nail and washer	1, 404. 45
Ricker Mills, 3.3 mi. NE. of, 3.0 mi. SW. of Peacham, 750 ft. NW. of back rd. from Peacham to Rickers, 370 ft. due N. of NW. corner of farmhouse of F. H. Somers, 100 ft. SW. of stone wall along wooded pasture of Henry Wilson, in cultivated field, in top of exposed ledge; standard tablet stamped "1624 MR 16 1933"	1, 623. 925
Reference mark, 600 ft. SW. of tablet, W. of Somers' farmhouse, in row of maple trees, in root of second tree in row at point 1 ft. E. of tree; copper nail and washer	1, 631. 60
Peacham, 3.0 mi. SW., thence 1.0 mi. NW. from, opposite T-rd. SW. through gate, 2 ft. N. of small maple tree, on boulder; chiseled square	1, 586. 84
Peacham, 2.0 mi. SW. of, on rd. to Martin Pond, 60 ft. NE. of center of triangle of rd. forks at farmhouse of Claude Field, in top of ledge; chiseled square	1, 574. 82
Peacham, 2.0 mi. SW. of, 0.1 mi. NW. of farmhouse of Claude Field, 50 ft. N. of junction of rds. to Martin and Foster Ponds, in cultivated field, 18 ft. NE. of stone wall, in top of ledge; standard tablet stamped "1605 MR 17 1933"	1, 604. 855
Reference mark, 52 ft. W. of tablet, 4 ft. SW. of stone wall, on low boulder; chiseled square	1, 606. 17
Peacham, 2.0 mi. SW., thence 1.0 mi. NW. from, about 0.2 mi. W. of Foster Pond, 300 ft. NW. of some ruins, 100 ft. W. of trail, on E. end of prominent ledge; chiseled square	1, 643. 86
Peacham post office, 3.0 mi. due W. of, 0.5 mi. SW. of Mackay's corner, 10 ft. from rd. to Peacham Pond, opposite old rd. S. to Martin Pond, in root of 8-in. balsam tree at point 2 ft. S. of tree; copper nail and washer	1, 751. 61
Peacham post office, 2.0 mi. W. of, opposite T-rd. SW. to house of A. W. Mackay and Peacham Pond, in root on S. side of 24-in. maple tree; copper nail and washer	1, 705. 98
Peacham, 2.9 mi. W. of, 3.5 mi. SE. of East Cabot, 60 ft. NE. of rd. between Macks Mountain and southern prong of Cow Mountain, 400 ft. E. of rd. summit, in top of ledge; standard tablet stamped "1977 MR 18 1933"	1, 976. 491
Reference mark, 19 ft. SW. of tablet, at edge of field, on top of boulder; chiseled square	1, 975. 73
East Cabot, 2.3 mi. SE. of, 50 ft. W. of junction of T-rd. SW. to Marshfield, in root on S. side of 20-in. maple tree; copper nail and washer	1, 872. 36

From Woodsville quadrangle near Ricker Mills generally east along winding roads to point near Upper Symes Pond, thence south and back into Woodsville quadrangle (by M. A. Roudabush in 1933)

[Line jogs into Woodsville quadrangle.]

Groton, 3.0 mi. N. of, 60 ft. W. of rd. N. to Peacham, in bench on S. side of ledge; standard tablet stamped "1340 MR 13 A 1933"	1, 340. 338
Reference mark, 1 ft. E. of tablet, chiseled square	1, 340. 58
Groton, 1.8 mi. N. and 1.8 mi. E. from, 190 ft. NE. of Ryegate District School 6, 45 ft. N. and 20 ft. W. from center of crossroads, on top of large boulder; chiseled square	1, 361. 93

Ryegate District School 6, 0.8 mi. E. of, about 6 mi. NW. of Ryegate Church, 1.0 mi. SW. of Tattleville or Mosquitoville Corners, about 1.5 mi. NW. of Blue Mountain, 50 ft. SE. of sharp bend in rd., in N. end of large boulder; standard tablet stamped "1295 MR 14 1933"-----	Feet 1, 295. 470
Reference mark, 57 ft. W. of tablet, in E. end of pointed boulder; chiseled square-----	1, 296. 92
Ryegate Church, 5.0 mi. NW. of, 1.0 mi. S. of Walter Harvey Church, at Mosquitoville Corners, 210 ft. W. of Jewett Brook, 100 ft. W. of junction of T-rd. SW., in root on E. side of 18-in. elm tree; copper nail and washer-----	1, 004. 47
Ryegate Church, 4.0 mi. N. of, 10 ft. E. of rd. forks NE. to Harvey Pond, on ledge; chiseled square-----	1, 030. 95

From Woodsville quadrangle near Lower Symes Pond northeast along road to McIndoe Falls (by M. A. Roudabush in 1933)

McIndoe Falls, 2.1 mi. SW. of, 25 ft. W. of junction of T-rd. NE., in E. side of base of 6-in. maple tree; copper nail and washer-----	828. 45
McIndoe Falls, 1.7 mi. SW. of, opposite junction of T-rd. W., in root on W. side of 18-in. maple tree; copper nail and washer-----	813. 49
McIndoe Falls, 0.7 mi. NW. of Canadian Pacific Ry. sta., at E. corner of cemetery, 470 ft. W. of U. S. Highway 5, in root on NE. side of twin elm tree; copper nail and washer-----	511. 33
U. S. C. & G. S. standard disk stamped "F 8 1927"-----	484. 691

From Plainfield quadrangle near East Cabot along highways northeast and northwest and back into Plainfield quadrangle near Walden (by M. A. Roudabush in 1933)

East Cabot, 1.3 mi. NE. of, 2.0 mi. SW. of West Danville, SE. of sharp curve in rd., 30 ft. E. of center line of rd., in root on SE. side of 18-in. maple tree; spike and washer, Vt. Hwy. Dept. B. M. 49 (1645.92 ft.)-----	1, 646. 61
West Danville, 1.8 mi. SW. of, 100 ft. NE. of farmhouse, 20 ft. W. of center line of rd., in root on W. side of 24-in. pine tree; spike and washer, Vt. Hwy. Dept. B. M. 50 (1621.23 ft.)-----	1, 621. 90
West Danville, 1.4 mi. SW. of, 15 ft. S. of Highway 18, opposite T-rd. N. along W. side of Joes Pond, 1 ft. NE. of 8-in. balsam tree, on boulder; chiseled square-----	1, 609. 29
West Danville, 1.4 mi. W., thence 1.4 mi. NW. from, about 0.2 mi. W. of NW. corner of Joes Pond, opposite rd. W., in root on W. side of 12-in. maple tree; copper nail and washer-----	1, 701. 42
West Danville, 1.4 mi. W., thence 2.0 mi. NW. from, 2.0 mi. S. of Walden sta., 30 ft. W. of W. corner of farmhouse of Asaph Barnet, in N. angle of T-rd. NE., on ledge; chiseled square-----	1, 654. 16

From Barnet station along highways northwest and north to Stanton, thence northeast into Lyndonville quadrangle (by M. A. Roudabush in 1933)

U. S. C. & G. S. standard disk stamped "E 8 1927"-----	459. 274
Barnet sta. (Canadian Pacific Ry.), 71 ft. W. of U. S. C. & G. S. B. M. designated "E 8", 8 ft. E. of E. rail, at W. pedestal of water tank, on NW. corner of stone base of pedestal; chiseled square, Ry. B. M.-----	462. 31
Barnet sta., 1.0 mi. NW. of, at rd. forks, 200 ft. W. of fork to NE., in N. angle of fork to NW., 12 ft. N. of Hazen rd., in root on W. side of 12-in. pine tree; copper nail and washer-----	712. 69
Barnet, 2.0 mi.-NW. of, 100 ft. SW. of Maple Grove farmhouse, on N. wing wall of concrete bridge; chiseled square-----	700. 35
Barnet sta., 2.5 mi. NW. of, 70 ft. NE. of junction of rd. to United Presbyterian Church (on hill), at concrete bridge over Stevens River, on E. end of S. abutment; chiseled square-----	731. 67

Barnet sta., 3.4 mi. NW. of, 475 ft. SE. of Crown Four Corners, at concrete bridge over outlet of Harvey Pond; in top of N. wing wall; standard tablet stamped "767 MR 23 1933"-----	<i>Feet</i> 766. 818
Reference mark, 30 ft. SE. of tablet, in top of SE. wing wall of above-mentioned bridge; chiseled square-----	766. 70
Barnet sta., 4.2 mi. NW. of, 150 ft. SW. of blind crossroads, on NE. wing wall of concrete bridge; chiseled square-----	810. 52
Barnet, 5.0 mi. NW. of, 25 ft. S. and 15 ft. W. of center of crossroads, on boulder; chiseled square-----	887. 55
South Danville, 3.4 mi. S. of, 5.7 mi. NW. of Barnet, 0.5 mi. N. of junction of Hazen rd., at farmhouse of C. F. Kinerson, opposite T-rd. W., in root of 40-in. maple tree at point 9 ft. SW. of tree; copper nail and washer-----	1, 205. 87
South Danville, 2.7 mi. S. of, 70 ft. S. of farmhouse of Harold Somers, opposite T-rd. S., in root on S. side of 40-in. maple tree; copper nail and washer-----	1, 167. 09
South Danville, 1.8 mi. S. of, 170 ft. NW. of N. point of rd. forks, in pasture, 50 ft. W. of rd., 30 ft. S. of brook, in W. branch of ledge; standard tablet stamped "MR 24 1933"-----	1, 346. 851
Reference mark 1, 15 ft. N. of tablet; highest point on ledge-----	1, 347. 82
Reference mark 2, 235 ft. NE. of tablet, on E. side of rd., in root on W. side of 18-in. pine tree; copper nail and washer-----	1, 348. 21
South Danville, 1.4 mi. S. of, 50 ft. SW. of farmhouse, opposite T-rd. W., in root on S. side of 30-in. maple tree; copper nail and washer....	1, 318. 13
South Danville, 65 ft. NW. of center of crossroads, at S. end of covered highway bridge over Joes Brook, on NW. corner of concrete apron; chiseled square-----	1, 133. 09
South Danville, 1.0 mi. N. of, 1.7 mi. SE. of Danville Green, 50 ft. W. of rd., 20 ft. N. of woodshed, in sugar-maple grove, in top of large embedded boulder; standard tablet stamped "1290 MR 25 1933"---	1, 289. 938
Reference mark, 250 ft. SE. of tablet, 100 ft. N. of rd. forks at McNaughton's barn, in root on NE. side of 20-in. spruce tree; copper nail and washer-----	1, 272. 16
Danville Green, 0.8 mi. SE., thence 0.4 mi. E. from, in NE. angle of crossroads, in root on S. side of 16-in. maple tree; copper nail and washer-----	1, 248. 58
Danville Green, 0.3 mi. E. of, S. of R. R. crossing, 100 ft. NW. of culvert; opposite T-rd. E., in pasture, on boulder; chiseled square-----	1, 111. 53
Danville Green, 0.7 mi. E. of, S. of Center School, in NE. angle of crossroads, in root on NW. side of 26-in. maple tree; copper nail and washer-----	1, 238. 91
Danville Green, 1.2 mi. NE. of, on State Highway 15-18, 600 ft. NE. of Center School, 50 ft. E. of junction of rd. S., on E. end of S. head wall of concrete culvert; chiseled square-----	1, 341. 80
Danville Green, 1.4 mi. NE. of, 30 ft. S. of highway, at Maple Dean Dale homestead, on top of exposed ledge; chiseled rectangle, Vt. Hwy. Dept. B. M. 10-----	1, 350. 26
Danville Green, 1.5 mi. NE. of, 200 ft. SW. of junction of Highway 15-18 and T-rd. N., 75 ft. W. of center line of highway, at farmhouse of Frank More, in root on N. side of 12-in. maple tree; spike and washer, Vt. Hwy. Dept. B. M. 11-----	1, 270. 04
Danville Green, 1.5 mi. NE., thence 0.8 mi. N. from, 1.7 mi. SE. of Morrill School, 50 ft. W. of rd., in top of ledge; standard tablet stamped "1356 MR 26 1933"-----	1, 356. 566

	<i>Feet</i>
Reference mark, 150 ft. N. of tablet, 20 ft. W. of rd., in root on E. side of 15-in. maple tree; R. R. spike.....	1, 350. 37
Morrill School, 0.8 mi. SE. of, 30 ft. W. of rd., at gate, in root on N. side of 24-in. elm tree; copper nail and washer.....	1, 239. 91
Morrill School, 35 ft. S. of SE. corner of, 30 ft. W. of North Danville rd., opposite T-rd. SE., on creek bank, on top of large boulder; chiseled square.....	1, 179. 43
Stanton Cemetery, 60 ft. N. of NE. corner of, 4 ft. E. of stone wall W. of public rd., in ledge; standard tablet stamped "1209 MR 27 1933".....	1, 209. 123
Reference mark 1, 155 ft. N. of tablet, in E. side of 18-in. elm tree in fence line, at base of tree; copper nail and washer.....	1, 208. 55
Reference mark 2, 325 ft. S. of tablet, on E. side of rd., on boulder; chiseled square.....	1, 195. 74
Stanton Cemetery, 0.3 mi. N. of, at NE. corner of bridge over Pope Brook, opposite two farm rds., in crotch of elm tree; copper nail and washer.....	1, 146. 33
Stanton School, on SE. side of, opposite T-rd. W., on large boulder; chiseled square.....	1, 323. 32
Stanton School, 0.9 mi. N. of, 0.5 mi. W. of Old North Church, in NW. angle of crossroads known as Guinea Corners, in root on N. side of 16-in. poplar tree.....	1, 376. 68
Old North Church, in SE. angle of junction of rd. SE. to St. Johnsbury, at SW. corner of church; unmarked point on foundation stone.....	1, 284. 58
Old North Church, 0.3 mi. E. of, 0.5 mi. W. of Tampico School, about 7 mi. S. of Wheelock, in S. angle of junction of T-rd. S., in root on E. side of 10-in. maple tree; copper nail and washer.....	1, 194. 27
Tampico School, 100 ft. NE. of, in pasture, in E. end of ledge; standard tablet stamped "1215 MR 28 1933".....	1, 214. 882
Reference mark 1, 6 ft. W. of tablet, on same ledge; chiseled square.....	1, 214. 30
Reference mark 2, at N. entrance of schoolhouse, on steps to porch; NW. corner of bottom step.....	1, 196. 41
Tampico School, 0.5 mi. S. of, 2.0 mi. N. of North Danville, 45 ft. N. and 10 ft. E. from rd., on boulder; chiseled square.....	1, 109. 09
Tampico School, 1.0 mi. SE. of, 100 ft. E. of junction of T-rd. NE., in root on N. side of 24-in. elm tree; copper nail and washer.....	1, 021. 80
Tampico School, 1.5 mi. SE. of, 6.0 mi. NW. of St. Johnsbury, 20 ft. E. of rd. forks, in root on E. side of 8-in. elm tree; copper nail and washer.....	1, 022. 23
Lyndon, 4.5 mi. SW. of, in triangle of forks at junction of T-rd. S., in root on W. side of double elm tree; copper nail and washer.....	987. 85
Lyndon, 4.2 mi. SW. of, 60 ft. E. of bridge over brook, 20 ft. S. of gate, in top of pointed ledge; chiseled square (old).....	904. 66
Cole Corner School, 3.4 mi. SW. of Lyndon, 300 ft. N. 70° E. from center of crossroads, in wooded pasture, in top of embedded boulder; standard tablet stamped "1082 MR 29 1933".....	1, 081. 942
Reference mark, 47 ft. SW. of tablet, on N. bank of brook, in root on N. side of 8-in. maple tree; copper nail and washer.....	1, 076. 74
From Passumpsic west along highway to South Danville (by M. A. Roudabush in 1933)	
U. S. C. & G. S. standard disk stamped "B 8 1927".....	526. 272
Passumpsic, at S. end of village, 0.7 mi. NW. of U. S. Highway 5, 50 ft. S. of Y-forks, in cultivated field, in top of low boulder; chiseled square.....	769. 49
Passumpsic, 1.6 mi. NW. of, 670 ft. NW. of West Hill county school, on E. bank of brook, in top of boulder; chiseled square.....	692. 96

Passumpsic, 2.6 mi. W. of, 30 ft. N. of rd. to South Danville, at junction of T-rd. NE., in root on NE. side of 20-in. maple tree; copper nail and washer-----	<i>Feet</i> 960. 52
Passumpsic, 3.0 mi. W. of, 2.8 mi. E. of South Danville, 330 ft. S. of junction of T-rd., 200 ft. NE. of rd. summit and 4 ft. below summit elevation, 30 ft. NE. of clump of cedars, in prominent ledge; standard tablet stamped "1112 MR 20 1933"-----	1, 111. 580
Reference mark, 170 ft. N. of tablet, on edge of ledge; chiseled square--	1, 109. 42
South Danville, 1.7 mi. E. of, 500 ft. N. of bridge over Jones Brook, S. of rd. forks, in line with rd. to Danville, 40 ft. NE. of Danville-Inwood rd., in root on E. side of 8-in. maple tree; copper nail and washer-----	884. 12
South Danville, 1.5 mi. E. of, 200 ft. S. of Joes Brook, 150 ft. W. of junction of T-rd., S. of second-class rd., in root on S. side of 20-in. elm tree; copper nail and washer-----	867. 05

From South Danville along highways west and northwest to Joes Pond
(by M. A. Roudabush in 1933)

South Danville, 0.6 mi. W. of covered bridge over Joes Brook, E. of Peacham rd., at steel bridge over Joes Brook, on E. end of S. plate member of bridge; top of NE. rivet-----	1, 205. 38
Danville, 2.0 mi. S. of, at concrete bridge over Joes Brook, in NE. wing wall; standard tablet stamped "1228 MR 21 1933"-----	1, 228. 186
Reference mark, 42 ft. S. of tablet, on SW. corner of E. wheel guard; chiseled cross-----	1, 229. 60
Danville, 2.0 mi. S., thence 0.6 mi. W. from, 50 ft. S. of junction of rd. SW., 3 ft. E. of pasture fence, on ledge in old rd. bed; chiseled square-----	1, 251. 38
Danville, 2.0 mi. S., thence 1.2 mi. W. from, about 200 ft. E. of E. end of Keiser Pond and 25 ft. S. of its outlet, 25 ft. N. of rd., at E. edge of farm rd. N., in base on S. side of 24-in. birch tree; spike-----	1, 297. 48
Danville, 2.0 mi. S., thence 1.7 mi. W. from, 70 ft. SE. of crossroads, on ledge near edge of field; chiseled square-----	1, 355. 29
Danville, 2.0 mi. S., thence 2.3 mi. W. from, 1.3 mi. NW. of Ewells Mill, 120 ft. E. and 12 ft. N. from junction of second-class T-rd. E., at S. edge of cultivated field, in root on NW. side of 30-in. hemlock tree; copper nail and washer-----	1, 557. 88
Ewells Mill, 1.8 mi. NW. of, 40 ft. E. of junction of T-rd. N., at NE. edge of old Hazen rd.; in root on S. side of twin maple tree; copper nail and washer-----	1, 568. 31
Ewells Mill, 2.6 mi. NW. of, 220 ft. NW. of schoolhouse, 27 ft. NE. of junction of T-rd. W., in top of boulder; chiseled square-----	1, 640. 90
Ewells Mill, 3.2 mi. NW. of, 1.3 mi. SE. of Joes Pond, 120 ft. S. of junction of rd. N., near N. end of Cow Mountain, 30 ft. E. of brook, 20 ft. SW. of old Hazen rd., in top of embedded boulder; standard tablet stamped "1627 MR 22 1933"-----	1, 627. 289
Ewells Mill, 3.9 mi. NW. of, 0.6 mi. SE. of Joes Pond, in small clearing 240 ft. E. of summit of N. spur of Cow Mountain, 20 ft. SW. of old Hazen rd., on large embedded boulder; chiseled square-----	1, 757. 09

From Stanton Cemetery west and southwest along highway to Walden station
(by M. A. Roudabush in 1933)

Stanton Cemetery, 1.0 mi. NW. of, 30 ft. N. and 40 ft. W. from junction of T-rd. S., at small summit, in root on SE. side of twin maple tree; copper nail and washer-----	1, 581. 86
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Stanton Cemetery, 1.8 mi. NW. of, opposite rd. to SW., in root on NW. side of 16-in. maple tree; copper nail and washer-----	Feet 1, 739. 85
Stanton Cemetery, 2.5 mi. NW. of, 100 ft. W. of cottage N. of rd., 100 ft. S. of junction of rd. W. to farmhouse, on boulder; chiseled square-----	1, 985. 54
Stanton Cemetery, 3.1 mi. NW. of, 0.1 mi. NW. of summit, 22 ft. NE. of rd., in ledge; standard tablet stamped "2165 MR 31 1933"---	2, 164. 771
Reference mark, 85 ft. NW. of tablet, 22 ft. E. of center line of rd., in root on NW. side of 4-in. evergreen tree; copper nail and washer--	2, 161. 55
Walden post office (village of Norrisville), 3.2 mi. N. of, 100 ft. S. and 20 ft. E. from junction of T-rd. W. to Weeks Hill, in root on W. side of 12-in. maple tree; copper nail and washer-----	1, 926. 84
Walden post office, 2.4 mi. N. of, 400 ft. NW. of Four Corners School, 300 ft. SW. of Premo Pond, 25 ft. W. of rd. forks at tamarack tree, on ledge; chiseled square-----	1, 767. 05
Walden post office, 2.3 mi. N. of, at crossroads (four corners); center line of rd.-----	1, 776. 0
Walden post office, 1.8 mi. NW. of, 2.1 mi. NE. of Walden sta., 70 ft. W. of junction of T-rd. SW., in root of 6-in. fir tree, 2 ft. N. of tree; copper nail and washer-----	1, 784. 99
Walden sta., 1.5 mi. NE. of, 80 ft. S. of summit, 10 ft. opposite rd. forks, in root on SW. side of 6-in. fir tree; copper nail and washer----	1, 899. 93

From Barnet station south along Canadian Pacific Railway to semaphore 533
(by R. G. Clinite in 1929; leveled twice)

Barnet, 1,800 ft. S. of sta., on E. side of tracks, on concrete base of semaphore 533; chiseled square ?-----	463. 97
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BARRE QUADRANGLE

[Latitude 44°-44°15'; longitude 72°30'-72°45']

ADDISON, ORANGE, AND WASHINGTON COUNTIES

From Montpelier quadrangle south along highways by way of Barre and Williamstown into Randolph quadrangle (by F. L. Shalibo in 1922)

Montpelier, 2.2 mi. S. of, on St. Johnsbury rd., 310 ft. S. of rd. forks, 300 ft. E. of car barns, at NW. corner of iron bridge, on top of concrete abutment; chiseled square-----	543. 27
Montpelier, 3.6 mi. S. of, 3.6 mi. N. of city hall at Barre, 1,200 ft. S. of baseball park, at front entrance to concrete house, at N. end of step next to top; standard tablet stamped "557 S 16 Vt 1922"-----	556. 749
Reference mark, 40 ft. NE. of tablet, 30 ft. W. of center line of highway, in root on S. side of 24-in. tree at point 3 ft. from base; copper nail-----	551. 59
Barre, 2.7 mi. N. of city hall, opposite T-rd. E., 25 ft. W. of center line of highway, 10 ft. W. of trolley track, in W. end of concrete culvert; chiseled square-----	562. 90
Barre, 1.7 mi. N. of city hall, opposite trolley siding, on E. edge of rd., in N. end of concrete step; chiseled square-----	584. 07
Barre, at N. end of city, at E. end of Willey St., at NE. corner of iron bridge, in stone abutment; standard tablet stamped "586 S 17 Vt 1922"-----	585. 371
Reference mark, at NE. corner of bridge, 1 ft. NE. of tablet; chiseled square-----	585. 66

¹ This mark is U. S. C. & G. S. T. B. M. 8, described as at semaphore 503, which was moved in fall of 1923 about 2,160 ft. N. of its former position and renumbered.

	<i>Feet</i>
Barre, at city hall, 4 ft. N. of front entrance, in granite foundation stone; standard tablet stamped "609 S 18 Vt 1922"-----	608. 897
Reference mark, 3 ft. S. of tablet, at N. end of lower granite step; chiseled square-----	609. 44
Barre, 1.0 mi. S. of city hall, at top of hill, 35 ft. W. of rd., at residence of G. T. Durkee, on S. side of driveway to carriage shed, on E. end of concrete wall; chiseled square-----	708. 18
Barre, 2.1 mi. S. of, 600 ft. N. of R. R. crossing, 80 ft. N. of junction of T-rd. W., 40 ft. N. of S. driveway to residence of D. V. Camp, 20 ft. E. of center line of highway, 15 ft. S. of telephone pole, in root on SW. side of 20-in. maple tree; copper nail and washer-----	748. 06
Barre, 3.4 mi. S. of, 2.7 mi. N. of Williamstown post office, at front entrance to brick house on Smith stock farm, on S. end of top granite step; standard tablet stamped "750 S 19 Vt 1922"-----	750. 014
Reference mark, 8 ft. NE. of tablet, on N. end of lower stone step; chiseled square-----	747. 93
Williamstown post office, 1.7 mi. N. of, 60 ft. N. of brick house, on S. end of W. wall of concrete bridge over small stream; chiseled square-----	761. 60
Williamstown post office, 1.1 mi. N. of, 300 ft. S. of junction of T-rd. E., 80 ft. N. of crossing of small stream, 25 ft. W. of center line of highway, 4 ft. W. of fence line, in boulder flush with ground; chiseled square-----	777. 81
Williamstown, in SW. corner of top granite step to post office; standard tablet stamped "872 S 15 Vt 1922"-----	872. 075
Reference mark, 10 ft. SW. of tablet, 3 ft. N. of telephone pole, on S. end of curbstone; chiseled square-----	869. 00
Williamstown post office, 1.1 mi. S. of, 650 ft. S. of junction of T-rd. SE., on S. end of E. wall of concrete bridge over small stream; chiseled square-----	880. 60
Williamstown, 2.2 mi. S. of, 40 ft. N. of farmhouse, opposite carriage shed, 20 ft. S. of watering trough, 30 ft. W. of center line of highway, in root on E. side of 30-in. elm tree; copper nail-----	927. 37
Williamstown, 3.0 mi. S. of, 140 ft. N. of junction of T-rd. W., 180 ft. S. of residence of Ray Trip, 30 ft. E. of center line of highway, in large boulder; standard tablet stamped "909 S 20 Vt 1922"-----	909. 211
Reference mark, 2 ft. E. of tablet, in large boulder; chiseled square---	909. 08
Williamstown, 4.1 mi. S. of, about 0.2 mi. S. of N. end of Williamstown Gulf, 300 ft. N. of store, on S. end of E. wall of concrete culvert over small stream; chiseled square-----	793. 54
Williamstown, 5.1 mi. S. of, in center of Williamstown Gulf, at SW. corner of concrete bridge, in E. end of abutment; chiseled square---	735. 00
Williamstown, 6.0 mi. S. of, 2.3 mi. N. of East Brookfield, 300 ft. S. of watering trough, 30 ft. W. of center line of highway, in 5- by 3-ft. boulder in bank; standard tablet stamped "746 S 21 Vt 1922"-----	745. 966
Reference mark, 1 ft. N. of tablet, in same boulder; chiseled square---	745. 77
East Brookfield, 1.8 mi. N. of, in SE. corner of junction of T-rd. E., at W. edge of creek, on top of stone wall; chiseled square-----	726. 87
East Brookfield, 0.8 mi. N. of, at North Branch School, at S. entrance, at NE. corner of concrete step; chiseled circle-----	717. 90
East Brookfield, 150 ft. S. of store, at front entrance to residence of Wallace W. Austin, at S. end of top concrete step; standard tablet stamped "714 S 22 Vt 1922"-----	713. 891
Reference mark, 30 ft. N. of tablet, in root on N. side of maple tree; copper nail-----	711. 82

East Brookfield, 1.1 mi. S. of, 120 ft. S. of junction of T-rd. W., opposite farmhouse, 20 ft. W. of center line of highway, in fence line, in root on E. side of 24-in. elm tree; copper nail-----	Feet 700. 79
From Montpelier quadrangle south, along Central Vermont Railway to Northfield, thence south and east along highways to Williamstown (by F. L. Shalibo in 1922)	
Montpelier Junction, 1.0 mi. S. of, on Central Vermont Railway, on N. end of concrete culvert, on W. side of track; chiseled square-----	529. 32
Montpelier Junction, 1.7 mi. S. of, 500 ft. S. of crossing of rd. to farmhouse, 100 ft. S. of whistle signal, on E. edge of track, in rock; chiseled square-----	542. 91
Montpelier Junction, 2.3 mi. S. of, 170 ft. W. of Ry. bridge over rd., 100 ft. NW. of rd., 50 ft. in front of farmhouse, in ledge; standard tablet stamped "561 S 10 Vt 1922"-----	560. 430
Reference mark, 170 ft. SE. of tablet, in top of SW. concrete abutment of above-mentioned bridge; chiseled square-----	554. 17
Montpelier Junction, 3.3 mi. S. of, 2.1 mi. N. of Riverton sta., 220 ft. S. of crossing, 20 ft. W. of track, in NE. corner of 10- by 11-ft. boulder protruding 4 ft. above ground; chiseled square-----	565. 20
Riverton sta., 1.0 mi. N. of, 30 ft. E. of track, in S. end of long, high ledge; chiseled square-----	582. 89
Riverton, 1,000 ft. N. of sta., 250 ft. NE. of Ry. bridge over Dog River, 120 ft. E. of track, in E.-W. fence line, in ledge of rock; standard tablet stamped "589 S 11 Vt 1922"-----	589. 237
Reference mark, 250 ft. SW. of tablet, at NE. corner of above-mentioned bridge, in top of fourth step of abutment; chiseled square----	590. 85
Riverton, in front of sta., opposite operator's window; top of near rail-----	601. 7
Riverton sta., 0.6 mi. S. of, 1.6 mi. N. of Northfield Falls sta., at Ry. bridge over Dog River, on SE. corner of stone abutment; chiseled square-----	616. 48
Northfield Falls sta., 130 ft. N. of, 40 ft. W. of track, in ledge; chiseled square-----	670. 30
Northfield sta., 0.5 mi. N. of, 1.3 mi. S. of Northfield Falls sta., about 150 ft. NE. of dwelling, 40 ft. W. of track, in ledge; chiseled square--	712. 78
Northfield, in front of sta., opposite operator's window; top of near rail-----	733. 66
Northfield sta., 0.7 mi. S. of, at Norwich University, at S. entrance of Jackman Hall, in E. end of threshold; standard tablet stamped "856 S 12 Vt 1922"-----	855. 811
Reference mark, at S. entrance to Jackman Hall, at W. end of top step; chiseled square-----	855. 21
South Northfield, 0.9 mi. N. of, 1.8 mi. S. of Northfield sta., 160 ft. S. of house, 30 ft. E. of NE. corner of red barn, 30 ft. W. of center line of rd., in large boulder flush with ground; chiseled square-----	871. 96
South Northfield, at S. end of village, 140 ft. S. of rd. forks, 30 ft. E. of center line of Williamstown rd., 80 ft. N. of blacksmith shop, in root of 24-in. maple tree; copper nail-----	838. 48
South Northfield, 0.7 mi. E. of, 90 ft. NW. of junction of Williamstown rd. with T-rd. S., 60 ft. N. of center line of Williamstown rd., on bank of creek, in ledge; standard tablet stamped "941 S 13 Vt 1922"--	941. 033
Reference mark, 60 ft. W. of rd. forks, at SW. corner of iron bridge, in I-beam; chiseled cross-----	946. 33

South Northfield, 2.0 mi. E. of, 150 ft. SW. of Vatters Pond, 50 ft. NE. of rd. forks, 30 ft. E. of fence, in boulder; chiseled square-----	Feet 1, 302. 40
South Northfield, 2.5 mi. E. of, 4.7 mi. W. of Williamstown, on N. edge of rd., opposite rd. forks, in root on W. side of 24-in. birch tree; copper nail-----	1, 340. 28
Williamstown, 3.3 mi. W. of, 100 ft. N. of junction of T-rd., 40 ft. S. of residence of E. O. Hopkins, in ledge of rock flush with ground; standard tablet stamped "1610 S 14 Vt 1922"-----	1, 609. 778
Reference mark, 50 ft. E. of tablet, in ledge of rock flush with ground; chiseled square-----	1, 610. 49
Williamstown, 2.1 mi. W. of, 200 ft. W. of rd. forks, opposite sharp angle in rd., 80 ft. N. of center line of rd., on N. edge of small stream, in 9- by 10-ft. boulder; chiseled square-----	1, 429. 06
Williamstown, 1.4 mi. W. of, 100 ft. N. of rd. forks, 20 ft. W. of center line of rd., 5 ft. W. of fence line, in small boulder flush with ground; chiseled square-----	1, 151. 21

From Northfield west and south along Central Vermont Railway into Randolph quadrangle (by F. L. Shalibo in 1922)

[Line jogs into Lincoln Mountain quadrangle.]

Northfield sta., 1.3 mi. S. of, 165 ft. N. of Ry. bridge over Dog River, 30 ft. E. of track, in 2- by 4.5-ft. granite block, at point 2 ft. above ground; chiseled square-----	775. 04
Northfield sta., 2.6 mi. S. of, at NE. corner of overhead bridge, on coping stone; chiseled square-----	825. 08
Northfield sta., 3.6 mi. SW. of, 3.6 mi. NE. of Roxbury, 80 ft. S. of crossing of woods rd., on side hill, in large boulder flush with ground; standard tablet stamped "881 S 28 Vt 1922"-----	880. 877
Reference mark, on S. end of boulder; chiseled square-----	881. 28
Roxbury, 2.5 mi. N. of, on Ry., 1,000 ft. E. of sharp bend, on N. side of track, on top of concrete culvert; chiseled square-----	915. 26
Roxbury, 1.5 mi. N. of, at overhead bridge over Ry., 10 ft. W. of E. face of abutment, 25 ft. E. of track, in ledge of rock; chiseled square-----	958. 45
Roxbury, 480 ft. E. of Ry. sta., 350 ft. E. of highway, 100 ft. W. of ledge of rock, in line with N. side of cream-colored house, in field, in granite post; U. S. C. & G. S. magnetic sta. disk stamped "1007"---	1, 007. 208
Reference mark, at base of water spout, 100 ft. S. of sta.; bolt head----	1, 008. 96
Roxbury, 1.0 mi. S. of, on Ry., at end of long tangent, on N. end of E. wall of concrete culvert; chiseled square-----	992. 67
Roxbury, 2.0 mi. S. of, near State Fish Hatchery, on Ry., 135 ft. S. of rd. crossing, 35 ft. W. of track, in ledge of rock; chiseled square-----	966. 67
Roxbury, 3.3 mi. S. of, about 700 ft. W. of highway, 35 ft. W. of track, opposite farmhouse, in triangular boulder; standard tablet stamped "924 S 30 Vt 1922"-----	923. 467
Reference mark, 20 ft. SE. of tablet, 20 ft. W. of track, in large flat granite boulder; chiseled square-----	919. 07
East Granville, 1.1 mi. S. of, 2 mi. N. of Braintree, 50 ft. S. of rd. crossing, 35 ft. W. of track, in fence line, in 3- by 4-ft. boulder protruding 2 ft. above ground; standard tablet stamped "825 S 31 Vt 1922" (reported in 1926 as possibly moved ^{7a})-----	824. 714
Reference mark, 20 ft. E. of tablet, 15 ft. W. of track, on edge of cut, in large boulder; chiseled square-----	821. 05

^{7a} Permission to remove this mark was granted by the Geological Survey in 1926. Action taken has not been reported.

From point 2.2 miles east of Montpelier east along highways in northeast corner of Barre quadrangle into Plainfield quadrangle (by M. C. McClellan in 1928)

Montpelier, 3.5 mi. along Montpelier & Wells River R. R. SE. of, 100 ft. E. of Montpelier & Barre Light & Power Co.'s plant No. 5, at E. side of right-of-way, 1 ft. S. of post 3/56, in ledge; chiseled square	Feet 634. 59
East Montpelier, 1.3 mi. W. of, 300 ft. S. of rd. forks, in SW. abutment of steel bridge; chiseled square	659. 87

BELLOWS FALLS QUADRANGLE³

[Latitude 43°-43°15'; longitude 72°15'-72°30']

WINDHAM AND WINDSOR COUNTIES

From Bellows Falls west along highways near Saxtons River into Saxtons River quadrangle (by M. A. Roudabush in 1928; leveled twice)

Bellows Falls, 400 ft. W. of sta., near roundhouse, at Rutland R. R. bridge over canal, on S. end of W. back wall; chiseled square	299. 94
Bellows Falls, at Rutland R. R. bridge over canal, on S. end of W. bridge seat; Flood Control Committee B. M. (not marked)	292. 49
Bellows Falls, 0.7 mi. S. of sta., on Westminster Street, on W. angle of curb around soldiers' monument; chiseled square	319. 24
Gageville (North Westminster), 50 ft. S. of Newton's store, 1.6 mi. W. of Bellows Falls, at SW. corner of rd. forks, in root on W. side of maple tree; copper nail and washer	392. 80
Bellows Falls, 2.2 mi. W. of, 160 ft. S. of covered bridge, in E. angle of rd., in base of 18-in. elm tree; copper nail and washer	369. 32
Bellows Falls, 2.6 mi. W. of, 100 ft. SE. of rd. forks, in top of ledge; standard tablet stamped "MAR 1 1928"	389. 225
Reference mark, 240 ft. E. of tablet, on SW. corner of concrete bridge; chiseled square	379. 51
Bellows Falls, 3.6 mi. W. of, in triangle between highway and trolley grade, on SW. corner of concrete culvert; chiseled square	398. 34

BENNINGTON QUADRANGLE

[Latitude 42°45'-43°; longitude 73°-73°15']

BENNINGTON AND WINDHAM COUNTIES

From Bennington northwest to Bennington Monument (by A. B. Pomme in 1896)

Bennington, at front door of county courthouse, in water table; standard tablet stamped "682" (recovered by U. S. C. & G. S.)	680. 830
Bennington, on West Main Street, at foot of Monument Hill, near convent school, 25 ft. E. of culvert, on stone S. of rd.; chiseled square	662. 63
Bennington Monument, on NW. corner of doorsill; chisel cut	869. 17
Bennington Monument, at left side of entrance doorway; standard tablet stamped "873" (recovered by U. S. C. & G. S.)	872. 383

From Bennington east along roads near Walloomsac Brook and City Stream into Wilmington quadrangle (by E. L. McNair in 1896)

Bennington, at Main and Bradford Streets, on corner of S. end of stone wall; chiseled circle	751. 70
Bennington, 1.4 mi. E. of, at E. end of bars opening into yard of house belonging to John Wilson, beside board fence, on small boulder; chiseled circle	884. 17

³ Part of this quadrangle lies in New Hampshire.

Bennington, 3.5 mi. NE. of, 90 ft. E. of sign so marked, at junction of level line up Walloomsac Brook; top of large boulder.....	<i>Feet</i> 1, 153. 99
Bennington, 3.9 mi. NE. of, 50 ft. above gate leading to house of John Rooney, on top of large boulder beneath board fence; chiseled circle.....	1, 217. 62
Woodford, 1.9 mi. W. of, on side of rd. next to City Stream, on boulder; chiseled circle.....	1, 601. 31
Woodford, 43.5 ft. from NW. corner of church, on line with front of church, in large flat boulder nearly embedded in ground; copper bolt stamped "U. S. G. S. 2215 ft. B. M." (recovered by U. S. C. & G. S.).....	2, 215. 182
Woodford, 2 mi. E. of, 160 ft. from small wooden bridge, 10 ft. S. of rd., on top of large boulder nearly embedded in ground; chiseled circle....	2, 319. 69
Woodford, 5 mi. E. of, about 0.2 mi. E. of Woodford-Searsburg town line, at summit of hill surmounted by house, near corner of barn, on boulder; chiseled circle.....	2, 267. 82

From Wilmington quadrangle southwest along road to Stamford (by E. L. McNair in 1896)

Heartwellville, 2,100 ft. W. of Kennedy Hotel, E. of post office, at right of rd., in large boulder; copper bolt stamped "U. S. G. S. 1784 ft. B. M.".....	1, 783. 928
Heartwellville, 0.5 mi. SW. of, at rd. forks, 850 ft. S. of bridge over West Branch of Deerfield River, on large boulder; chiseled circle....	1, 831. 73
Heartwellville, 3.3 mi. SW. of, 3.2 mi. NE. of Stamford, on N. end of E. side of iron bridge, 5 ft. from corner, on top of E. wall of rock abutment; chiseled circle.....	1, 363. 24
Stamford, 2.0 mi. NE. of, 1,000 ft. N. of house of Bennett S. Cole, in meadow at right of rd., on top of large boulder deeply embedded in ground; chiseled circle.....	1, 233. 21
Stamford, at Methodist Episcopal parsonage, in doorstep of front porch; copper bolt stamped "U. S. G. S. 1131 ft. B. M.".....	1, 130. 868

From road forks 3.5 miles east of Bennington northeast 2.8 miles along road up Walloomsac Brook (by E. L. McNair in 1896; single spur line)

Camp Comfort, opposite, 100 ft. E. of sawmill, 100 ft. N. of rd., on top of large boulder; chiseled circle.....	1, 266. 48
Camp Comfort, 2 mi. NE. of, 10 ft. from corner of stable, in boulder about 1 cu. yd. in content; copper bolt stamped "U. S. G. S. 1672 B. M.".....	1, 671. 414

From Bennington south along roads to Pownal (by A. B. Pomme in 1896)

Bennington, 0.5 mi. S. of, E. of rd. at culvert, close to two ash trees, 300 ft. N. of two dwellings, on large boulder; chiseled square.....	804. 25
Bennington, 2 mi. S. of, 4.5 mi. N. of Pownal Center, on E. side of crossroads, opposite school, on boulder; chiseled square.....	798. 51
Pownal Center, 1.9 mi. N. of, 4.5 mi. S. of Bennington, in front of house of Dave Towslee, under butternut tree, on boulder; chiseled square.....	949. 50
Pownal Center, 1.4 mi. N. of, at intersection of E.-W. rd., just N. of Pine Hill, in stone in NE. corner; chiseled square.....	968. 15
Pownal Center, 15 ft. N. of NW. corner of church, in line with front of church, in rock; copper bolt stamped "U. S. G. S. 986 ft. B. M."..	984. 895
Pownal, at Main Street crossing of Boston & Maine R. R.; top of N. rail.....	547. 8
Pownal, at S. side of Methodist Church, on top of retaining wall, on marble coping stone; chiseled square.....	549. 80

Pownal, at brick storehouse of Wright Knitting Mill; on NW. corner of N. doorsill.....	<i>Feet</i> 538. 44
Pownal, at covered wooden bridge over Hoosic River, on NE. corner post; spike.....	539. 63
From Bennington north along roads to South Shaftsbury (by A. B. Pomme in 1896; single spur line)	
Bennington Monument, 1 mi. N. of, at N. abutment of bridge over Furnace Brook, on top of coping; chiseled square.....	584. 66
Bennington, 3 mi. N. of, 300 ft. N. of brick schoolhouse, at junction of rd. E., on lowest stone in SE. fence corner; chiseled square.....	788. 09
South Shaftsbury, 1 mi. S. of, in SE. corner of junction of rd. E., opposite house with black-ash trees in front, on top of corner stone of stone fence; chiseled square.....	787. 31
South Shaftsbury, at town hall (formerly Universalist Church), on SW. corner of doorsill; chiseled square.....	752. 89
South Shaftsbury, in foundation stone of W. abutment in N. wing of bridge over small brook; copper bolt stamped "U. S. G. S. 711 ft. B. M.".....	710. 050

BRANDON QUADRANGLE

[Latitude 43°45'-44°; longitude 73°-73°15']

ADDISON AND RUTLAND COUNTIES

From Ticonderoga quadrangle east along Addison branch of Rutland Railroad to Leicester Junction, thence southeast along main line of same railroad to Brandon (by George Baily in 1902)

Whiting, 1.4 mi. W. of, near Addison-Rutland County line, at R. R. bridge over highway; top of E. abutment.....	279. 57
Leicester Junction, on NE. wing wall of R. R. bridge over Otter Creek (mark not described).....	353. 26
Leicester Junction, at rd. crossing; top of rail.....	353. 0
Brandon, on bridge over creek between town hall and First National Bank, in top of W. side wall; aluminum tablet stamped "414 Albany".....	416. 721

From Brandon northeast along roads to Goshen (by George Baily in 1902 and K. E. Schlachter in 1915; leveled twice)

Forest Dale, at NW. corner of junction of State Highway 15 and rd. N.; top of rock.....	595. 57
Goshen, in S. end of E. wall of meeting house; standard tablet stamped "1136 Albany".....	1, 136. 067

From Whiting south along State Highway 30 to Sudbury (by George Baily in 1902; single spur line)

Sudbury, at NW. corner of church at rd. corners, in rock outcrop; standard tablet stamped "572 Albany".....	572. 625
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From Brandon southeast along Rutland Railroad 3.6 miles (by George Baily in 1902; single spur line)

Brandon, 3.4 mi. S. of, 4.7 ft. E. of E. rail, 1.3 ft. below rail, on N. abutment of R. R. bridge over Otter Creek (mark not described).....	362. 37
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From Forest Dale north along highways to East Middlebury, thence west along roads to Cornwall, thence south along State Highway 30 to Whiting (by George Baily in 1902)

Salisbury, 0.5 mi. E. of, on S. side of rd. corners, 2 ft. above ground; standard tablet stamped "548 Albany".....	547. 980
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Cornwall, 3.0 mi. E. of, on NW. abutment of bridge over Otter Creek; chisel cut.....	<i>Feet</i> 349. 90
Cornwall, in wall on W. side of town hall, just S. of door, 1 ft. above ground; aluminum tablet stamped "374 Albany".....	374. 608
From East Middlebury east along road to Ripton (by George Baily in 1902)	
East Middlebury, 0.8 mi. E. of, in triangle at rd. corners, on small boulder; chisel cut.....	782. 63
Ripton, at concrete-arch bridge, on shelf in downstream spandrel wall; standard tablet stamped "1017 Albany" (reset at same elevation by Julian O. Goodrich, Montpelier, Vt., Feb. 2, 1921).....	1, 017. 293
From Rochester quadrangle northwest along road near South Branch of Middlebury River to Ripton (by K. E. Schlachter in 1915)	
Bread Loaf post office, 0.8 mi. W. of, 2.4 mi. SE. of Ripton, at junction of rd. N., in rock on S. margin of rd.; chiseled circle.....	1, 308. 10
From Goshen east along road into Rochester quadrangle (by K. E. Schlachter in 1915; unadjusted line closing 1 ft. low upon line west from Talcville)	
Goshen, 0.8 mi. NE. of, 200 ft. SW. of corner at junction of rd. N., 8 ft. W. of rd., in boulder; chiseled square.....	1, 449. 30

BRATTLEBORO QUADRANGLE *

[Latitude 42°45'–43°; longitude 72°30'–72°45']

WINDHAM COUNTY

Near Newfane, on roads to Brookline and Harmonyville—a jog from Saxtons River quadrangle (by M. A. Roudabush in 1928)

Newfane, 2.3 mi. by rd. E. of, at foot of Putney Mountain, 60 ft. E. of bridge over Grassy Brook, in triangle of rd. forks (rd. NE. leads to Brookline), on rock ledge; chiseled square.....	423. 26
Newfane, 1.6 mi. by rd. NE. of, on NE. side of triangular rd. forks E. of West River, in base of 10-in. elm tree; copper nail and washer---	403. 12
Newfane, 1.4 mi. by rd. NE. of, 70 ft. SE. of new steel highway bridge, 100 ft. NE. of center of crossroads, on top of ledge, near flood-water level (not countersunk); standard tablet stamped "Gaging Station Reference Mark".....	408. 376
Reference mark, 70 ft. NW. of tablet, at new steel highway bridge, on E. end of S. bridge seat (mark not described).....	404. 97

From Vernon north along road to Vernon Dam, on Connecticut River (by M. A. Roudabush in 1932)

U. S. C. & G. S. standard disk stamped "D 4 1927".....	300. 902
Vernon, about 300 ft. E. of junction of rd. NE., 225 ft. N. of U. S. C. & G. S. B. M. designated "D 4", 15 ft. S. of wire fence S. of State Highway 102, in top of ledge; chiseled triangle.....	291. 00
Vernon, at rd. forks about 1 mi. SE. of Vernon sta., in N. angle of rd. forks, in root on N. side of 36-in. elm tree; copper nail and washer..	231. 62
Vernon, 10 ft. SW. of power house, in top of concrete retaining wall; New England Power Association bronze tablet marked "B. M. Datum Vernon Elev. 132.16 Do Not Disturb, 1931".....	226. 287
Vernon, at power house, on NE. corner of W. baffle wall ("Bear Trap"), between railing-support holes; chiseled cross.....	224. 12

* Part of this quadrangle lies in New Hampshire.

From West Chesterfield, N. H., southwest across Connecticut River and north along Boston & Maine Railroad to Dummerston (by M. A. Roudabush in 1932; leveled twice)

Brattleboro, 2.2. mi N. of, at NW. corner of bridge over Connecticut River, on NW. corner of masonry base of steel bridge tower (mark not described)-----	<i>Feet</i> 243. 40
Brattleboro, 2.5 mi. N. of, 2.6 mi. S. of Dummerston sta., 480 ft. NE. of U. S. C. & G. S. B. M. designated "H 1927", E. of track; SW. corner of concrete base of semaphore-----	294. 89
Dummerston sta., 2.3 mi. S. of, E. of track, on top of granite milepost marked "S 63 W R Jct. 60"; chiseled square (probably B. & M. R. R. B. M.)-----	295. 91
Dummerston sta., 1.6 mi. S. of, at new concrete rd. underpass; top of NE. corner of underpass-----	275. 98
Milepost "S 64 W R Jct. 59"; drilled hole in top-----	268. 16
Dummerston, 0.8 mi. S. of sta., on SW. corner of concrete base of semaphore 647; chiseled point, U. S. C. & G. S. T. B. M. designated "61"-----	¹⁰ 254. 224
Milepost "S 65 W R Jct. 58", in top of; drilled hole-----	259. 68

BURKE QUADRANGLE

[Latitude 44°30'-44°45'; longitude 71°45'-72°]

CALEDONIA COUNTY

From point near Lyndonville northeast along highways into Island Pond quadrangle (by M. C. McClellan in 1928)

U. S. C. & G. S. standard disk stamped "K 3"-----	713. 765
Passumpsic River at Lyndonville, under covered bridge near creamery; surface of water July 25, 1928, at 11 a. m.-----	695. 2
Lyndonville, 0.9 mi. N. of R. R. sta., 200 ft. NE. of junction of T-rd. W., 15 ft. E. of center line of rd., in root on W. side of 42-in. elm tree; copper nail and washer-----	711. 80
Lyndonville, 0.9 mi. N. of, 120 ft. NE. of last-described mark, in root of 30-in. elm tree; copper nail and washer-----	712. 39
Passumpsic River, under new concrete bridge near R. R. crossing; surface of water at 2 p. m. July 25, 1928-----	699. 1
Lyndonville, 1.3 mi. N. of, at highway crossing of Canadian Pacific Ry.; top of east rail-----	713. 8
Lyndonville, about 2 mi. NE. of, 100 ft. S. of W. one of two farmhouses (about 400 ft. apart on N. side of rd.), at turn in rd., 15 ft. S. of tangent, in root on S. side of 24-in. elm tree; copper nail and washer-----	722. 76
Lyndonville, 3.1 mi. NE. of, at concrete highway bridge over East Branch of Passumpsic River, at N. end of W. abutment; standard tablet stamped "M 23 1928"-----	751. 592
Reference mark 1, at S. end of E. abutment of above-mentioned bridge; chiseled square-----	751. 63
Reference mark 2, at N. end of E. abutment of same bridge; chiseled square-----	751. 69
East Branch of Passumpsic River, under bridge; surface of water at 8 a. m. July 26, 1928-----	739. 0
East Burke, 1.6 mi. SW. of post office, at S. end of settlement called Mount Hunger, 100 ft. SW. of T-rd. SE., on W. end of S. abutment of short bridge over brook; chiseled square-----	780. 93

¹⁰ The elevation given for this mark by the U. S. Coast and Geodetic Survey, 249.284 ft., has been rejected.

East Burke, 0.5 mi. SW. of post office, on top of hill, 100 ft. N. of point of curve, 20 ft. W. of tangent, in root on E. side of 36-in. crotched elm tree; copper nail and washer-----	<i>Feet</i> 815. 92
East Burke, 100 ft. NE. of post office, on N. end of W. abutment of concrete bridge over brook; chiseled square-----	829. 08
East Burke, about 1 mi. NE. of, 150 ft. W. of red barn, on top of rise, on NW. side of rd., in root on W. side of 24-in. pine tree; copper nail and washer-----	885. 13
East Burke, 1.7 mi. NE. of, 250 ft. S. of large farmhouse, 100 ft. SE. of culvert, on hillside, in prominent ledge; standard tablet stamped "M 24 1928"-----	914. 785
Reference mark, 160 ft. WNW. of tablet, on SE. side of rd., in root on E. side of 18-in. elm tree; copper nail and washer-----	906. 50
East Burke, 2.2 mi. NE. of, 250 ft. W. of school, at double rd. intersection, 30 ft. W. of rd. fork SE., 20 ft. E. of T-rd. N., near point of curve in main rd., 15 ft. S. of tangent, in root on N. side of 20-in. elm tree; copper nail and washer-----	912. 29
East Branch of Passumpsic River, under temporary bridge; surface of water at 3:30 p. m. July 27, 1928-----	906. 7
East Burke, 3.4 mi. NE. of, about 3 mi. SW. of East Haven, 450 ft. NE. of bridge, 150 ft. E. of rd. turn E. and rd. fork NE., on S. side of rd., in root on SW. side of 30-in. double elm tree; copper nail and washer-----	938. 26
East Haven, 2.2 mi. SW. of, 40 ft. NE. of junction of rd. fork E., on NW. side of rd., in root on S. side of 18-in. birch tree; copper nail and washer-----	960. 59
East Haven, 1.7 mi. S. of, 500 ft. S. of East Haven-East Burke town line and Essex-Caledonia county line, 400 ft. NE. of Riverside Farm, 100 ft. W. of rd., in outcrop at base of hill; standard tablet stamped "M 25 1928"-----	985. 524
Reference mark, 150 ft. SE. of tablet, in root on E. side of 36-in. elm tree; copper nail and washer-----	975. 50
East Haven, about 1 mi. S. of bridge, 500 ft. S. of two farms across rd. from each other, 50 ft. E. of center line of rd., on large, prominent boulder; chiseled square-----	1, 017. 28
East Haven, 300 ft. N. of village store and post office, 30 ft. N. and 30 ft. W. from junction of T-rd. W., at SE. corner of cemetery, in root on E. side of 18-in. elm tree; copper nail and washer-----	1, 018. 20
East Branch of Passumpsic River at East Haven, below bridge; surface of water at 1:30 p. m. July 30, 1928-----	1, 011. 1
East Haven, 1.2 mi. N. of, about 300 ft. S. of N. end of wooded gulf, on E. side of rd., in root on W. side of 24-in. leaning birch tree; copper nail and washer-----	1, 043. 88
East Haven, 2 mi. N. of, about 400 ft. N. of flat meadow, 100 ft. NW. of curve in rd., on W. side of rd., in large, partly embedded granite slab; standard tablet stamped "M 26 1928"-----	1, 062. 273
Reference mark 1, about 300 ft. N. of flat meadow, near point of curve NW., 15 ft. W. of tangent, in large, prominent granite boulder; chiseled square-----	1, 061. 84
Reference mark 2, 80 ft. S. of tablet, 10 ft. S. of reference mark 1, in large, prominent boulder; chiseled square-----	1, 062. 41
East Haven, 3.3 mi. N. of, about 700 ft. N. of open, flat stretch of country, at curve in rd. to NE., on E. side of rd., on top of prominent granite boulder; chiseled square-----	1, 090. 28

East Haven, 4.3 mi. N. of, about 600 ft. N. of winding stretch of rd., near S. end of flat meadow, in root on E. side of 18-in. elm tree; copper nail and washer.....	Feet 1, 118. 18
East Haven, 5 mi. N. of, at foot of divide through ridge, about 600 ft. N. of opening into narrow wooded valley, on W. side of rd., in prominent granite boulder; standard tablet stamped "M 32 1928".....	1, 159. 690
Reference mark, about 500 ft. within narrow wooded gulf, at foot of long steep hill, on E. side of rd., in white rock ledge; chiseled square....	1, 156. 02
Island Pond, 4 mi. S. and 2 mi. W. from, 6 mi. N. of East Haven, about three-quarters of way from top of divide, at break in grade, 200 ft. S. of deserted farm, 50 ft. S. of culvert, 20 ft. E. of rd., at W. end of prominent granite boulder; chiseled square.....	1, 418. 68

From point near Lyndonville north along Canadian Pacific Railway and roads into Lyndonville quadrangle (by M. C. McClellan in 1928)

Lyndonville, 2 mi. along Ry. N. of, in SW. corner of base of signal tower 329; chiseled square.....	728. 99
Lyndonville, 2.5 mi. along Ry. N. of, in SE. corner of base of signal tower 324; chiseled square.....	723. 90
Lyndonville, 3.2 mi. along Ry. N. of, at steel-girder bridge (C. P. Ry. bridge 50), on W. end of S. abutment; chiseled square.....	739. 54
Lyndonville, 4 mi. by rd. N. of, about 600 ft. S. of Burke-Lyndon town line, 500 ft. N. of junction of rd. NW., at foot of hill, at concrete highway bridge over Calender Brook, on W. end of S. abutment; chiseled square.....	731. 67
Lyndonville, 4.8 mi. N. of, at bridge over Calender Brook, 40 ft. N. of bank of stream, on E. side of rd., in root on E. side of 20-in. elm tree; copper nail and washer.....	745. 04
Lyndonville, 5.5 mi. N. of, 2.7 mi. SE. of Sutton, along stretch of rd. on bluff over Calender Brook, 700 ft. N. of farm and point where rd. leaves bottom land, on E. side of rd., near fence corner; standard tablet stamped "M 37 1928".....	804. 343
Reference mark 1, 200 ft. N. of tablet, in root on W. side of 18-in. pine tree; copper nail and washer.....	806. 81
Reference mark 2, about 700 ft. S. of tablet, across rd. from farm, in root on E. side of 30-in. elm tree; copper nail and washer.....	776. 98

From Littleton quadrangle north along road to old village of Victory (by M. C. McClellan in 1928)

Concord, 5.8 mi. N. of, at small monument shop, 80 ft. N. of junction of T-rd. W., at W. end of N. abutment of small concrete bridge; chiseled square.....	1, 065. 91
Victory (deserted village), 7 mi. N. of Concord, 100 ft. N. and 40 ft. E. of rd. forks, in large, partly buried granite boulder; standard tablet stamped "M 28 1928".....	1, 117. 928
Reference mark 1, 100 ft. S. of tablet, at W. end of N. abutment of concrete culvert; chiseled square.....	1, 110. 62
Reference mark 2, 20 ft. NW. of reference mark 1, in boulder flush with ground; chiseled square.....	1, 110. 66

Near Granby—a jog from Guildhall quadrangle (by R. G. Clinite in 1932)

Granby School, 0.4 mi. SE. of, 120 ft. NE. of junction of Guildhall-Granby rd. and rd. SE. across valley, 40 ft. N. of center line of Guildhall-Granby rd., in top of large boulder; standard tablet stamped "C 4 1932".....	1, 455. 560
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Reference mark, 250 ft. E. of tablet, at junction of field rd., on S. side of main rd., W. of rd. to barn, in root of 12-in. ash tree; copper nail and washer-----	Feet 1, 472. 23
Granby, 110 ft. NW. of schoolhouse, in NE. angle of rd. forks, 75 ft. E. of junction, in fence corner, on boulder; chiseled square-----	1, 360. 29
Granby, 130 ft. S. and 30 ft. W. from rd. forks, 130 ft. W. of schoolhouse, in meadow, on top of large boulder; chiseled circle-----	1, 357. 30
Granby School, 1.0 mi. NE. of, 50 ft. S. and 120 ft. W. from old farmhouse now used as maple-sugar camp, on top of boulder; chiseled square-----	1, 901. 34
Granby School, 2.1 mi. N. of, on E. side of old rd. at point where it leaves open field and enters dense woods, in root on E. side of double birch tree; copper nail and washer-----	1, 975. 89

From West Burke northwest along U. S. Highway 5 and State Highway 45 into Lyndonville quadrangle (by E. C. Wood in 1934)

U. S. C. & G. S. standard disk stamped "G 3"-----	897. 285
West Burke, in town of, at junction of U. S. Highway 5 and State Highway 45, at SW. corner of steel bridge over stream, on W. curbing of bridge roadway; chiseled square-----	909. 06
West Burke, 0.9 mi. N. of, 80 ft. SW. of junction of State Highway 45 with second-class rd. N., 70 ft. W. of center line of highway at curve, on Cheney property, on E. end of concrete retaining wall extending E. from shed attached to residence; chiseled square-----	1, 079. 41
West Burke, 2.2 mi. N. of, 43 ft. W. of center line of State Highway 45, 49 ft. N. of center line of culvert, in field, on small embedded boulder; chiseled square-----	1, 106. 11
West Burke, 2.9 mi. N. of, 3.5 mi. S. of S. end of Willoughby Lake, on Lucia Farm, 56 ft. W. of State Highway 45, opposite roadside stand of George Hopkins, in 10- by 12-ft. granite boulder; standard tablet stamped "W 1 1934"-----	1, 184. 501
Reference mark, 100 ft. S. of tablet, at W. side of rd., on flint boulder; chiseled square-----	1, 182. 49

From point 2.2 miles northeast of East Burke southeast along highway to Granby School (by B. B. Chamblin in 1935)

East Burke, 2.5 mi. NE., thence 0.7 mi. E. from, 60 ft. S. and 40 ft. W. from junction of private rd. N., on prominent boulder; chiseled square-----	1, 138. 84
East Burke, 2.5 mi. NE., thence 1.6 mi. E. from, about 625 ft. W. of old schoolhouse, 25 ft. N. and 50 ft. W. from junction of rd. N., on rock outcrop; chiseled square-----	1, 290. 64
East Burke, 2.5 mi. NE., thence 2.4 mi. E. from, 5.4 mi. W. of Gallups Mills, 90 ft. S. of junction of private rd. S., 25 ft. E. of private rd., in rock outcrop; standard tablet stamped "1368 BC 21 1934"-----	1, 368. 306
Reference mark, 125 ft. N. of tablet, 35 ft. N. of center line of rd., 10 ft. W. of W. end of bars, on rock outcrop; chiseled square-----	1, 377. 98
Gallups Mills, 4.4 mi. W. of, 40 ft. N. of center line of rd., in clearing, at top of hill, on rock outcrop; chiseled square-----	1, 742. 44
Gallups Mills, 3.5 mi. W. of, about 0.2 mi. W. of top of ridge, in front of residence, 15 ft. N. of center line of rd., on large rock; chiseled square-----	1, 876. 11

Gallups Mills, 2.8 mi. W. of, 280 ft. S. and 150 ft. W. from fishing cabin, 100 ft. SW. of old cellar hole, 150 ft. S. of center line of rd., at SW. corner of clearing, in rock outcrop; standard tablet stamped "1861 BC 22 1935"-----	Feet 1, 860. 577
Reference mark, 65 ft. N. of tablet, 70 ft. W. of old cellar hole, on rock outcrop; chiseled square-----	1, 850. 24
Gallups Mills, 1.9 mi. W. of, 15 ft. S. and 25 ft. E. from junction of private rd. S., on prominent boulder; chiseled square-----	1, 694. 86
Gallups Mills, 1.2 mi. W. of, 75 ft. E. of residence, 15 ft. N. of center line of rd., on rock outcrop; chiseled square-----	1, 578. 15
Gallups Mills, 1,300 ft. W. of crossroads and bridge over Moose River, 65 ft. S. of center line of rd., in prominent boulder; standard tablet stamped "1311 BC 23 1935"-----	1, 311. 228
Reference mark, 85 ft. N. and 50 ft. E. from tablet, 20 ft. N. of center line of rd., on rock outcrop; chiseled square-----	1, 314. 75
Gallups Mills, 80 ft. W. of crossroads, at wooden bridge over Moose River, on NW. corner of foundation; chiseled square-----	1, 308. 41
Gallups Mills, 0.8 mi. SE. of, 0.8 mi. NW. of Granby School, on top of hill, 25 ft. E. of woods line, 17 ft. N. of center line of rd., on rock outcrop; chiseled square-----	1, 503. 92

From Gallups Mills southwest along highway to old village of Victory, thence west to Lyndon and north to Lyndonville (by B. B. Chamblin in 1935)

Gallups Mills, 0.8 mi. S. of, opposite junction of rd. to residence, 20 ft. W. of center line of rd., in root on E. side of 20-in. elm tree; copper nail and washer-----	1, 227. 35
Gallups Mills, 1.4 mi. S. of, at steel bridge over Moose River, on S. end of W. foundation; chiseled square-----	1, 183. 76
Gallups Mills, 2.2 mi. S. of, 125 ft. S. of sharp curve in rd. to W., 30 ft. E. of center line of rd., in rock outcrop; standard tablet stamped "1157 BC 24 1935"-----	1, 757. 257
Reference mark, 400 ft. SW. of tablet, 20 ft. W. of center line of rd., on large, prominent boulder; chiseled square-----	1, 158. 44
Gallups Mills, 3.0 mi. S. of, 20 ft. S. of culvert, 20 ft. W. of center line of rd., in root on E. side of 24-in. spruce tree; copper nail and washer-----	1, 146. 45
Gallups Mills, 3.8 mi. S. of, about midway of large curve in rd. to W., 25 ft. W. of center line of rd., in root on E. side of 18-in. spruce tree; copper nail and washer-----	1, 136. 01
Gallups Mills, 4.5 mi. S. of, 2.2 mi. N. of Victory, on W. edge of Bog Brook, 125 ft. NW. of concrete bridge, 100 ft. N. of residence, in large boulder; standard tablet stamped "1133 BC 26 1935"-----	1, 132. 829
Reference mark, on SW. foundation of concrete bridge over Bog Brook; chiseled square-----	1, 137. 12
Victory, 1.5 mi. N. of, at sharp curve in rd. to W., 15 ft. W. of center line of rd., on rock outcrop; chiseled square-----	1, 170. 60
Victory, 0.7 mi. N. of, 20 ft. W. of center line of rd., on boulder; chiseled square-----	1, 157. 28
Victory, 1.0 mi. W. of, 150 ft. W. of gravel pit, 25 ft. W. of dim rd. N., 15 ft. N. of center line of rd., on large boulder; chiseled square-----	1, 405. 77
Victory, 1.3 mi. W. of, 75 ft. N. and 25 ft. W. from junction of rd. W., on large boulder; chiseled square-----	1, 458. 55
Victory, 2.0 mi. W. of, 45 ft. N. and 30 ft. W. from junction of rd. N., 30 ft. SE. of barn, on rock ledge; chiseled square-----	1, 703. 03

	<i>Feet</i>
Victory, 2.8 mi. W. of, at curve in rd., on top of ridge, 25 ft. N. of center line of rd., on large rock ledge; standard tablet stamped "1924 BC 27 1935" ¹¹ -----	1, 924. 453
Reference mark, 45 ft. S. of tablet, 20 ft. S. of center line of rd., on W. end of long rock ledge; chiseled square-----	1, 921. 80
Victory, 3.8 mi. W. of, 35 ft. S. of center line of rd., at top of mountain, on rock ledge; chiseled square-----	2, 193. 43
Victory, 4.9 mi. W. of, about 300 ft. N. of residence, 40 ft. N. and 35 ft. W. from rd. forks, 2 ft. N. of fence, on rock outcrop; chiseled square-----	1, 723. 30
Victory, 6.0 mi. W. of, 4.9 mi. E. of Lyndon, 70 ft. S. and 110 ft. W. from junction of rd. S., 100 ft. E. of junction of rd. N., in rock ledge; standard tablet stamped "1224 BC 28 1935"-----	1, 224. 480
Reference mark, 35 ft. E. of tablet, at N. edge of woods line, on rock outcrop; chiseled square-----	1, 224. 52
Lyndon, 4.4 mi. E. of, 15 ft. N. of center of rd. forks, on NW. corner of concrete bridge; chiseled square-----	1, 145. 60
East Lyndon, at N. end of village, 3.6 mi. E. of Lyndon, in center of triangle formed by rd. intersection, in root on S. side of 24-in. poplar tree; copper nail and washer-----	972. 54
Lyndon, 2.7 mi. E. of, about 350 ft. N. of rd. forks, on NE. wing wall of concrete bridge; chiseled square-----	854. 35
Lyndon, 2 mi. E. of, 0.3 mi. E. of village schoolhouse (red), 60 ft. N. of center line of rd., about 15 ft. above level of rd., in rock ledge; standard tablet stamped "784 BC 29 1935" ¹² -----	783. 798
Reference mark, 70 ft. W. of tablet, 50 ft. N. of center line of rd., on rock ledge; chiseled square-----	781. 43
Lyndon, 1.3 mi. E. of, 40 ft. S. and 40 ft. E. from junction of rd. S., on NW. corner of foundation of large red barn; chiseled square---	687. 31
Lyndon, 0.7 mi. E. of, 120 ft. N. of rd. at junction of rd. S. and private rd. N., 25 ft. W. of private rd., in root on S. side of 24-in. tamarack tree; copper nail and washer-----	699. 57

BURLINGTON QUADRANGLE

[Latitude 44°15'–44°30'; longitude 73°–73°15']

ADDISON AND CHITTENDEN COUNTIES

At Burlington¹³

Burlington, 80 ft. from foot of King Street, on S. side of dock of Champlain Transportation Co., on iron gage (7 ft. long, graduated to feet and tenths of a foot, numbers increasing with rise of lake) bolted to wooden timbers; zero of gage-----	92. 976
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¹¹ The elevation of the center line of the road at a point opposite this tablet is 1,919.5 ft.¹² The elevation of the center line of the road at a point opposite this tablet is 770 ft.¹³ Elevations are based upon the 1929 general-adjustment elevation, 108.502 feet, for the Chapman benchmark at Rouses Point, N. Y., and determined by means of information received in February 1906 from Prof. Arthur D. Butterfield, of the University of Vermont. The corresponding elevation of the zero of gage at Fort Montgomery, N. Y., is taken as 93.052 feet by leveling done in 1898–99 under the direction of the Deep Waterways Commission, and the corresponding elevation of the zero of gage at Burlington, Vt., is taken as 92.952 feet by using a mean of selected comparisons of gage readings at Fort Montgomery, N. Y., and Burlington, Vt., made in June 1904 by Prof. Butterfield and Prof. H. K. Barrows. Adding to this a small correction of +0.024 foot on account of flow and convergence of level planes to the north gives the accepted elevation for the zero of the Burlington gage, which is 92.976 feet.

Burlington, at new city hall, at flight of granite steps of front entrance, facing park, on S. end of fourth step from bottom; standard tablet (set by city engineer March 28, 1930, at an elevation 6.433 ft. lower than original tablet, which was set in old city hall, now destroyed)-----	Feet 202. 135
Burlington, on watershed of fire-station building; chiseled cross (set by city engineer)-----	209. 78
From Monkton northwest along highway to North Ferrisburg, thence north along highway to Burlington (by A. T. Paine in 1904)	
North Ferrisburg, 300 ft. from post office, at general store of Joseph L. St. Peter, in NW. corner of foundation, in center of rectangular block of sandstone; aluminum tablet stamped "168 Montpelier"---	168. 279
Charlotte, 0.2 mi. E. of post office, 25 ft. W. of junction of three rd. forks forming S. point of small triangle, in small flat boulder with round top; aluminum tablet stamped "253 Montpelier"-----	253. 082
Shelburne, in foundation of Methodist Church at point 6 ft. from its NW. corner and 2 ft. from ground; aluminum tablet stamped "174 Montpelier"-----	174. 020
Queen City Park, 1.7 mi. S. of, at NE. angle of three corners, about 100 ft. SW. of Spears farmhouse, in small boulder with flat top; aluminum tablet stamped "171 Montpelier"-----	171. 000
Lake Champlain, at wharf of Champlain Transportation Co.; surface of water July 25, 1904-----	95. 0
From Monkton northeast along highway to South Hinesburg, thence north by way of Hinesburg to Williston, thence southeast to Richmond (by A. T. Paine in 1904)	
South Hinesburg, 900 ft. N. of rd. to Monkton, 25 ft. E. of main rd., opposite cheese factory, at barn of P. McDonough, in front foundation at point 1 ft. from ground; aluminum tablet stamped "433 Montpelier"-----	433. 814
Hinesburg, at N. side of town hall, on W. edge of marble step at point 1 ft. above ground; aluminum tablet stamped "344 Montpelier"---	344. 176
Williston, 4.0 mi. SW. of, 4.0 mi. N. of Hinesburg, at three corners, 150 ft. NW. of red-brick schoolhouse, on W. side of rd., in large flat slaty boulder; aluminum tablet stamped "725 Montpelier"-----	725. 052
Williston, at Methodist Church, in SE. corner of front foundation, 2.5 ft. above ground, in small rectangular brownstone block; aluminum tablet stamped "501 Montpelier"-----	501. 026
From Burlington northeast along Central Vermont Railway to Fort Ethan Allen, thence southeast to Richmond (by A. T. Paine in 1904)	
Essex Junction, near Ry. sta., at SE. corner of red-brick high school, in foundation, in small rectangular sandstone block; aluminum tablet stamped "358 Montpelier"-----	358. 080
North Williston, 150 ft. E. of sta., N. of Ry. track, opposite red-brick gristmill, in middle of boulder at point 1.5 ft. above ground; aluminum tablet stamped "305 Montpelier"-----	305. 544
CAMELS HUMP QUADRANGLE	
[Latitude 44°15'-44°30'; longitude 72°45'-73°]	
CHITTENDEN, LAMOILLE, AND WASHINGTON COUNTIES	
At Hanksville—a jog from Lincoln Mountain quadrangle (by E. W. Bowler in 1918)	
Hanksville, about 500 ft. N. of post office, 35 ft. E. of rd. forks, at 30-ft. bridge over brook, on S. end of W. concrete abutment, at level of rd.; standard tablet stamped "849"-----	849. 604

From Waterbury northwest along Central Vermont Railway to Richmond (by
H. P. Kilby in 1918)

Waterbury, at post office, on SE. corner of granite foundation; standard tablet stamped "426 Vt. 1919"-----	<i>Feet</i> 425. 476
Waterbury, 1.0 mi. NW. of, 100 ft. N. of milepost marked "St. J. 88", 8 ft. E. of track, on ledge; chiseled square-----	431. 04
Waterbury, 1.5 mi. NW. of, at Ry. bridge over Winooski River; floor of bridge-----	429. 4
Waterbury, 2.0 mi. NW. of, in NW. side of milepost "St. J. 87 W. 90"; spike-----	419. 65
Waterbury, 3.0 mi. NW. of, 2.0 mi. SE. of North Duxbury, 300 ft. SE. of milepost "St. J. 89 W. 91", on NW. abutment of culvert 72 (over farm rd.); standard tablet stamped "414 1919"-----	414. 188
North Duxbury, about 1 mi. SE. of, in base on NW. side of milepost "St. J 85 W. 92"; spike-----	389. 72
North Duxbury, in front of Ry. sta.; top of rail-----	382. 5
North Duxbury, 0.8 mi. W. of, at milepost "St. J. 84 W. 93"; 15 ft. W. of track, on top of ledge in cut; chiseled square-----	360. 20
North Duxbury, 1.6 mi. NW. of, 1.3 mi. SE. of Bolton, 0.2 mi. SE. of milepost "St. J. 83 W. 94", at SE. end of rock cut, on ledge at point 8 ft. N. of track; standard tablet stamped "345 1919"-----	345. 438
Bolton, about 400 ft. SW. of crossing of long trail, at Ry. bridge 76, on W. end of NW. abutment, in granite; chiseled square-----	342. 67
Bolton, in front of sta.; top of rail-----	342. 1
Bolton, 1.3 mi. NW. of, 2.0 mi. SE. of Jonesville, about 1,000 ft. NW. of milepost "St. J. 81 W. 96", 10 ft. N. of center line of track, at SE. end of rock cut, on ledge; standard tablet stamped "Vt 336 1919"-----	336. 359
Jonesville, 1.0 mi. SE. of, in base of milepost "St. J. 80 W. 97"; spike---	328. 00
Jonesville, about 1,000 ft. NW. of sta., 500 ft. NW. of milepost "St. J. 79", 60 ft. E. of track, 30 ft. E. of State rd., on top of ledge; standard tablet stamped "Vt 326 1919"-----	326. 450
Jonesville, 1.1 mi. NW. of, 2.1 mi. SE. of Richmond, in base of milepost "St. J. 78"; spike-----	320. 93
Richmond, 1.1 mi. SE. of, in base of milepost "St. J. 77 W. 100"; spike-----	314. 84
Richmond, about 600 ft. S. of sta., on S. side of Ry. track, in NE. corner of Universalist Church, 1.2 ft. above ground, on small rectangular block of red sandstone; aluminum tablet stamped "Montpelier 319"-----	319. 099

From Lincoln Mountain quadrangle northeast along Warren-Middlesex road
(State Highway 100 B) into Montpelier quadrangle (by H. P. Kilby in 1918)

Moretown, 350 ft. S. of post office, at bridge, on top of SE. corner of S. abutment; chiseled square-----	600. 81
Moretown, 0.5 mi. N. of, 70 ft. E. of covered bridge over Mad River, 60 ft. S. of house, 15 ft. E. of center line of rd., in face of ledge; standard tablet stamped "Vt 585 1919"-----	585. 409

From Jonesville southwest along road near Gillett Pond to point near
Huntington, thence southeast and south to Hanksville (by H. P. Kilby in 1920)

Jonesville, 1.3 mi. S. of, about 200 ft. E. of house, 15 ft. E. of rd., on top of large rock; chiseled square-----	689. 63
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Jonesville, 2.5 mi. S. of, at farm of Sherman Pollard, at E. edge of rd. opposite barn, on top of rock; chiseled square-----	Feet 800. 89
Jonesville, 3.0 mi. S. of, 2.1 mi. N. of Huntington, about 500 ft. S. of W. extremity of Gillett Pond, in W. angle of rd. to house, 30 ft. W. of watering trough, on top of ledge; standard tablet stamped "762 1920"-----	762. 799
Gillett Pond; surface of water June 17, 1920-----	732. 4
Huntington, about 0.5 mi. N. of, at rd. forks, near signboard reading "Jonesville 4½ miles", on top of W. end of concrete culvert under rd.; chiseled square-----	658. 73
Huntington, in corner of concrete steps of Hines' store; chiseled square-----	623. 18
Huntington, 0.8 mi. S. of, 2.0 mi. N. of Huntington Center, at junction of rd. to Bristol, at concrete bridge over Dewire Brook, in center of top of W. rail; standard tablet stamped "651"-----	651. 405
Huntington Center, about 0.6 mi. S. of, 2.7 mi. N. of Hanksville, on S. end of steel-girder bridge over Huntington River, on top of E. concrete abutment; chiseled square-----	708. 16
Hanksville, 2.0 mi. N. of, at brick house, on top of rock at E. edge of rd.; chiseled square-----	779. 02
Hanksville, 0.6 mi. N. of, 300 ft. S. of mill, at concrete bridge, on S. head wall; chiseled square-----	816. 59

From Richmond along highways north to Jericho, thence east and southeast to West Bolton, thence south to Jonesville (by H. P. Kilby in 1920)

Richmond, 1.2 mi. N. of, 50 ft. N. of bridge over small brook, 20 ft. W. of rd., on top of sandstone boulder; chiseled square-----	457. 05
Richmond, 1.8 mi. N. of, 100 ft. S. of Donohue's house, 15 ft. E. of rd., on top of large rock; chiseled square-----	691. 50
Richmond, 3.1 mi. N. of, 2.5 mi. S. of Jericho Center, 300 ft. N. of residence of Fred Stone, 15 ft. E. of rd., on large boulder; standard tablet stamped "744 1920 Vt"-----	744. 587
Jericho Center, 1.4 mi. S. of, at junction of rd. to West Bolton, at E. edge of rd., on top of rock on fence line; chiseled square-----	733. 68
Jericho Center, at First Congregational Church, in SW. end of stone steps; standard tablet stamped "765 1920 Vt"-----	765. 183
Jericho Center, 1.4 mi. NE. of, at rd. forks, 50 ft. SW. of house, in base of 20-in. maple tree used as fence corner; copper nail-----	645. 65
Jericho Center, 2.3 mi. NE. of, at junction of rd. to Nashville, on S. end of stone culvert under rd.; chiseled square-----	691. 58
Jericho Center, 3.4 mi. NE. of, 250 ft. N. of junction of rd. to Underhill, 70 ft. E. of Underhill rd., 30 ft. E. of small branch, on top of large boulder; standard tablet stamped "801 Vt 1920"-----	801. 916
West Bolton, 2.0 mi. N. of, 5.4 mi. E. of Jericho Center, at steel-girder bridge over Lee Brook, on E. end of S. concrete abutment; chiseled square-----	947. 66
West Bolton, 0.6 mi. N. of, in front of residence of F. W. Miller, at E. edge of rd., on top of ledge; chiseled square-----	1, 007. 57
West Bolton, on N. end of concrete steps of Baptist Church; standard tablet stamped "991 1920"-----	990. 797
West Bolton, 1.0 mi. S. of, at rd. forks and signboard reading "West Bolton 1 mile, Jonesville 4 miles", on top of 3- by 3-ft. stone in front of house; chiseled square-----	935. 77

West Bolton, 2.3 mi. S. of, 3.4 mi. NE. of Jonesville, at stone bridge and cellar of burned house, on S. side of rd. opposite cellar, on top of ledge; chiseled square-----	Feet 1, 020. 76
Jonesville, 2.8 mi. N. of, at residence of R. H. Sabins, 60 ft. S. of house, on E. side of rd., on slope of ledge; standard tablet stamped "1058 1920"-----	1, 058. 306
Jonesville, 1.0 mi. N. of, 50 ft. N. of brook, on W. side of rd., on top of ledge; chiseled square-----	644. 78

From Mount Mansfield quadrangle along highway south to Jericho Center
(by E. E. Harris in 1924)

Jericho Center, 1.5 mi. N. of, 2.7 mi. S. of Underhill, in NW. corner of crossroads, on top of large flat boulder; chiseled square-----	709. 91
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CLAREMONT QUADRANGLE ^{13a}

[Latitude 43°15'-43°30'; longitude 72°15'-72°30']

WINDSOR COUNTY

From Connecticut River northwest along State highway to Springfield, thence north along roads to Brownsville, thence east and north to Windsor (by E. L. McNair in 1925)

Cheshire Toll Bridge (steel-truss bridge on Charleston-Springfield highway over Connecticut River), at N. end of, at S. end of W. concrete wall; chiseled square (by R. F. Olds, Bellows Falls, Vt., July 1928)-----	321. 53
Cheshire Toll Bridge, 1.0 mi. NW. of, 125 ft. N. of N. end of steel bridge over Black River, 20 ft. N. of rd., on large boulder; chisel cut-----	301. 19
Cheshire Toll Bridge, 1.6 mi. NW. of, 2.8 mi. SE. of Springfield, 0.2 mi. E. of bridge over Black River, at junction of rd. N., 25 ft. N. of rd., on large boulder; standard tablet stamped "Mac No 82 1925"-----	316. 588
Springfield, 1.8 mi. SE. of, 20 ft. S. of rd., on top of concrete water tank; chiseled square-----	339. 82
Springfield, 0.7 mi. E. of, almost opposite W. end of Jones & Lamson machine shop, 20 ft. S. of rd., on boulder; chiseled square-----	337. 70
Springfield, on N. side of Main Street, at entrance to Savings Bank building, at E. end of step; standard tablet stamped "Mac No 83 1925"-----	409. 832
Springfield, 0.7 mi. N. of, at NW. corner of large concrete rd. culvert; chiseled square-----	567. 90
Springfield, 1.8 mi. N. of, 700 ft. N. of rd. forks, 20 ft. W. of rd., on boulder; chiseled square-----	728. 94
Springfield, 2.7 mi. N. of, 3.3 mi. S. of Weathersfield Center, about 800 ft. N. of rd. forks, at white house on top of hill, 50 ft. W. of rd., 6 ft. N. of stone wall, in pasture, on large boulder; standard tablet stamped "Mac No 84 1925"-----	991. 333
Weathersfield Center, 2.2 mi. S. of, 90 ft. N. of house on W. side of rd., 8 ft. W. of rd., on large flat rock; chiseled square-----	1, 055. 02
Weathersfield Center, 1.4 mi. S. of, at cemetery, 15 ft. E. of rd., on boulder; chiseled square-----	941. 32
Weathersfield Center, 0.6 mi. S. of, at junction of rd. E., 20 ft. W. of rd., at driveway into field, on boulder; chisel cut-----	1, 131. 97

^{13a} Part of this quadrangle lies in New Hampshire.

Weathersfield Center, 500 ft. N. of town hall, 15 ft. E. of rd., opposite farm buildings, on rock ledge; standard tablet stamped "Mac No 85 1925"-----	<i>Feet</i> 1, 193. 800
Weathersfield Center, 0.7 mi. N. of, at junction of rd. E., 80 ft. E. of N.-S. rd., on boulder; chiseled square-----	1, 141. 45
Weathersfield Center, 1.6 mi. N. of, 400 ft. S. of rd. forks, 10 ft. W. of rd., on boulder; chiseled square-----	1, 001. 50
Weathersfield Center, 2.4 mi. N. of, at rd. forks, 300 yards SW. of brick house, 18 ft. E. of rd., in triangle, on boulder; chiseled square-----	1, 039. 88
Weathersfield Center, 3.0 mi. N. of, 20 ft. SW. of crossing of Amsden-Ascutney rd., 0.3 mi. SW. of Marsh School, on rock ledge; standard tablet stamped "Mac No 86 1925" (as reset in October 1935 by A. J. Runnals, State Highway Dept.) ¹⁴ -----	955. 346
Weathersfield Center, 3.4 mi. N. of, 1.8 mi. SE. of Ascutney Notch, at junction of Greenbush-Ascutney rd. and rd. to Springfield (T-rd. S.); center of junction-----	967. 0
Ascutney Notch, 0.8 mi. S. of, 4 mi. NW. of Weathersfield Center, 750 ft. E. of junction of T-rd. N. and house of Henry Gould, 18 ft. S. of rd., opposite white house, on large boulder; chiseled square---	865. 18
Ascutney Notch, 0.8 mi. S. of, 80 ft. W. of house of Henry Gould, 50 ft. N. of T-rd. corners, on boulder; chiseled square-----	815. 48
Ascutney Notch, at top of hill crossing Little Ascutney Mountain, 7 ft. E. of rd., on boulder; chiseled square-----	1, 049. 71
Ascutney Notch, 1.2 mi. N. of, 1.6 mi. SW. of Brownsville, at rd. forks, on stone step on N. side of house of W. J. Oakes; chiseled square-----	752. 34
Brownsville, 0.7 mi. SW. of, 1,500 ft. S. of covered highway bridge, at crossing of small brook, 20 ft. SE. of rd., on boulder at end of stone wall; chiseled square-----	714. 28
Brownsville, at S. end of town hall (Story Memorial), in top step of basement entrance; standard tablet stamped "Mac No 87 1925"---	679. 439
Brownsville, 0.8 mi. E. of, on S. end of concrete rd. culvert; chiseled square-----	635. 78
Brownsville, 1.8 mi. E. of, 15 ft. N. of rd., on large flat boulder; chiseled square-----	543. 96
Brownsville, 2.5 mi. E. of, at NE. corner of small bridge, on concrete wing wall; chiseled square-----	488. 55
Brownsville, 3.5 mi. SE. of, 0.7 mi. NW. of The Narrows, 12 ft. S. of rd., opposite unpainted house, on boulder in stone wall; chiseled square-----	473. 75
The Narrows, about 0.3 mi. NW. of, 3.0 mi. SW. of Windsor, 150 ft. E. of three-way rd. forks, at SE. corner of small bridge, on concrete abutment; standard tablet stamped "Mac No 88 1925"-----	414. 774
Windsor, 2.0 mi. S. of, 20 ft. W. of rd., on top of concrete water tank; chiseled square-----	409. 07
Windsor, in W. part of, on W. side of Ascutney Street, 80 ft. N. of entrance to Ascutney Cemetery, at walk on N. side of house, on concrete step; chiseled square-----	387. 23-
Windsor, at corner of Main Street and Dursley Avenue, in W. wall of Methodist Episcopal Church, 15 ft. from N. corner of building and 2 ft. above ground; aluminum tablet stamped "354 Adj." (by N. A. Campbell in 1900; recovered by U. S. C. & G. S. and designated "354 (U. S. G. S.)")-----	354. 189

¹⁴ This tablet was reset in the same shoulder of the ledge in which it was originally set but S. 22°40' W. of its original site. No distance nor change in height was reported.

CORINTH QUADRANGLE

37

From road forks 3.4 miles north of Weathersfield Center east along road to Ascutney (by E. L. McNair in 1925)

Ascutney, 3.0 mi. W. of, 700 ft. W. of rd. forks and creek crossing, 15 ft. S. of rd., on large boulder; chiseled square-----	Feet 835. 46
Ascutney, 2.2 mi. W. of, 0.3 mi. E. of junction of rd. along Mill Brook and rd. SW., 0.1 mi. W. of junction of rd. along Mill Brook and rd. E., 15 ft. N. of Mill Brook rd., on boulder; chiseled square-----	708. 85
Ascutney, 1.1 mi. SW. of, on Mill Brook rd., 400 ft. W. of house on N. side of rd., 15 ft. S. of rd., on boulder; chiseled square-----	542. 90
Ascutney, 500 ft. N. of Proctor Library, at S. entrance to house of George Fitch, on lower step; standard tablet stamped "Mac No 89 1925"-----	412. 078
Ascutney, at entrance to Proctor Library, on S. end of lower step; chiseled square-----	413. 38

CORINTH QUADRANGLE

[Latitude 44°-44° 15'; longitude 72° 15'-72° 30']

ORANGE AND WASHINGTON COUNTIES

From Strafford quadrangle north and east along highway in southeast corner of Corinth quadrangle into Woodsville quadrangle (by R. G. Clinite in 1928)

Corinth post office, 1.5 mi. S. of, 9 mi. NW. of Bradford, 500 ft. NE. of rd. forks, 110 ft. SW. of old house, on hillside, 90 ft. NW. of rd., in long flat boulder; standard tablet stamped "C 6 1928"-----	951. 661
Reference mark, 65 ft. NW. of tablet, in top of large boulder; chiseled square-----	960. 23
Corinth post office, 1.5 mi. SE. of, at rd. forks marked "Chelsea 13, Vershire 6", on N. side of triangle, 40 ft. NE. of bridge, inside of fence, in root on N. side of 16-in. elm tree; spike-----	817. 67

From Barre quadrangle southeast along highway to Washington, thence south along roads in western part of Corinth quadrangle into Strafford quadrangle (by M. C. McClellan in 1928)

Barre, about 1 mi. SE. of, 30 ft. SW., thence 10 ft. NW. from junction of dim T-rd. SW., in root on W. side of 30-in. elm tree; copper nail and washer-----	752. 30
Barre, about 2 mi. SE. of, at Honey Brook crossing, 20 ft. SE. of concrete bridge, on NE. side of rd., in root on S. side of 30-in. leaning elm tree; copper nail and washer-----	793. 26
East Barre, 0.2 mi. NW. of, 50 ft. SE. of stone culvert, 30 ft. NE. of center line of rd., 20 ft. from stream, in root on W. side of 36-in. elm tree; copper nail and washer-----	1, 008. 84
Jail Branch, at East Barre, under bridge; surface of water at 1 p. m. June 23, 1928-----	1, 074. 6
East Barre, 0.5 mi. E. of, just over top of long grade, 300 ft. SE. of house, 150 ft. SW. of rd., in massive granite boulder; standard tablet stamped "M 13 1923" (reported Aug. 24, 1934, by War Dept. as destroyed in construction of East Barre Dam)-----	1, 165. 234
Reference mark, 100 ft. NE. of tablet, on W. corner of large granite boulder; chiseled square-----	1, 163. 21
Washington, about 3 mi. N. of, 200 ft. N. of junction of rd. NE., 20 ft. E. of main rd., in root on S. side of 30-in. elm tree; wire nail and copper washer-----	1, 192. 46
Washington, about 2 mi. N. of, 400 ft. N. of farm, 200 ft. S. of fence corner, 30 ft. E. of rd., in root on NW. side of N. one of two large elm trees; copper nail and washer-----	1, 226. 66

	<i>Feet</i>
Washington, about 1 mi. N. of, 0.3 mi. S. of junction of T-rd. E., 400 ft. N. of turn in rd., 160 ft. W. of rd., in rock outcrop; standard tablet stamped "M 14 1928"-----	1, 232. 303
Reference mark, 200 ft. SE. of tablet, 30 ft. W. of rd., in root on W. side of 18-in. elm tree; copper nail and washer-----	1, 216. 28
Washington, near N. end of village, at N. end of 50-ft. stone retaining wall at W. side of rd.; chiseled square-----	1, 260. 25
Washington, 0.5 mi. SW. of, on hillside at N. side of rd., in root on E. side of 24-in. elm tree; copper nail and washer-----	1, 423. 13
Washington, 1.2 mi. SW. of, about 400 ft. N. of farm, near height of land, at W. side of rd., in root on NE. side of 36-in. elm tree; copper nail and washer-----	1, 667. 22
Washington, 2.5 mi. S. of, at farm of Clyde Jenkins, 150 ft. N. of house, 80 ft. E. of rd., in top of massive granite boulder; standard tablet stamped "M 41 1928"-----	1, 444. 551
Reference mark, 110 ft. NW. of tablet, on E. side of rd., in root on S. side of 20-in. maple tree; copper nail and washer-----	1, 445. 75
Washington, 3.6 mi. S. of, near point of curve SE., on SW. side of rd., in root on NE. side of 24-in. tamarack tree; copper nail and washer-----	1, 336. 10
Washington, 4.7 mi. S. of, at junction of rd. fork N., about 50 ft. NW. of main rd., on SE. end of NE. granite wheel guard of small granite bridge; chiseled square-----	1, 105. 98
Washington, 5.7 mi. S. of, 150 ft. S. of Sunnybrook Farm, 100 ft. N. of brook crossing, 15 ft. W. of rd., in root on SE. side of 24-in. elm tree; copper nail and washer-----	987. 98
Chelsea, 2.9 mi. N. of, about 1,800 ft. N. of school, at bend of rd., in W. one of two massive granite boulders, on W. side of rd.; standard tablet stamped "M 42 1928"-----	960. 510
Reference mark, 370 ft. S. of tablet, on W. side of rd., in root on SE. side of 24-in. maple tree; copper nail and washer-----	949. 92
Chelsea, 1.7 mi. N. of, at point of reverse curve, on far side from village, on W. side of rd., in root on NE. side of 18-in. elm tree; copper nail and washer-----	894. 19
From Stratford quadrangle north and east along highways near south border of Corinth quadrangle to point near Corinth post office (by B. B. Chamblin in 1935)	
Chelsea, 4.4 mi. E., thence 0.8 mi. N. from, 70 ft. N. of residence, 50 ft. N. and 35 ft. W. from junction of rd. E., on rock outcrop; chiseled square-----	1, 863. 23
Corinth Corners, 4.4 mi. E., thence 1.9 mi. N. from Chelsea, 50 ft. S. and 30 ft. W. from junction of rd. E., on large boulder; chiseled square-----	1, 550. 34
Corinth Corners, 0.9 mi. E. of, 150 ft. E. of ruins of old house, 22 ft. S. of center line of rd., in rock outcrop; standard tablet stamped "1478 BC 11 1935"-----	1, 477. 508
Reference mark, 125 ft. E. of tablet, 25 ft. N. of center line of rd., in root on N. side of 12-in. maple tree; copper nail and washer-----	1, 475. 21
Corinth Corners, 1.6 mi. E. of, 0.6 mi. W. of Eaton School, 40 ft. N. and 40 ft. E. from junction of rd. N., in root on S. side of 18-in. elm tree; copper nail and washer-----	1, 252. 58
Eaton School, 115 ft. NE. of, in triangle formed by junction of rd. S., in root on S. side of 24-in. elm tree; copper nail and washer-----	1, 163. 66

Eaton School, 0.8 mi. E. of, 40 ft. N. of center line of rd., at corner of stone fence, in root on S. side of 24-in. elm tree; copper nail and washer-----	Feet 1, 026. 14
From Washington southeast and east along roads to East Orange, thence south-east into Woodsville quadrangle (by B. B. Chamblin in 1935)	
Washington, 0.3 mi. E. of, at concrete bridge over small brook, on SW. wing wall; chiseled square-----	1, 299. 73
Washington, 1.1 mi. E. of, 75 ft. E. of residence, 30 ft. N. of center line of rd., at top of hill, on large boulder; chiseled square-----	1, 611. 67
Washington, 1.9 mi. E. of, 125 ft. W. of Miles School, 15 ft. W. of center line of rd., at rd. intersection, in root on E. side of 24-in. maple tree; copper nail and washer-----	1, 784. 04
Washington, 2.7 mi. E. of, 200 ft. N. of top of hill, 6 ft. N. of woods line, in clearing, 65 ft. E. of center line of rd., in rock outcrop; standard tablet stamped "1946 BC 12 1935"-----	1, 946. 559
Reference mark, 200 ft. N. of tablet, on W. side of rd., in root on E. side of 16-in. maple tree; copper nail and washer-----	1, 934. 53
Washington, 3.7 mi. E. of, 2.6 mi. W. of East Orange, 125 ft. W. of wooden bridge over small brook, 55 ft. E. of entrance to residence, 30 ft. N. of center line of rd., in root on W. side of 24-in. elm tree; copper nail and washer-----	1, 575. 80
Simpson School, 1.5 mi. W. of East Orange, 250 ft. W. of school building, 65 ft. W. and 20 ft. N. from junction of rd. N., in root on S. side of 30-in. elm tree; copper nail and washer-----	1, 418. 92
Simpson School, 0.6 mi. E. of, 0.9 mi. W. of East Orange, 810 ft. W. of junction of rd. N., 20 ft. N. of center line of rd., 12 ft. E. of NE. wing wall of bridge over small brook, in rock outcrop; standard tablet stamped "1327 BC 13 1935"-----	1, 326. 919
Reference mark, 140 ft. E. of tablet, 25 ft. S. of center line of rd., in root on W. side of 24-in. elm tree; copper nail and washer-----	1, 327. 51
East Orange, 100 ft. W. of school, 30 ft. S. and 45 ft. W. from junction of rd. S., opposite church, 100 ft. E. of junction of rd. N., in root on NW. side of 30-in. maple tree; copper nail and washer-----	1, 219. 14
East Orange, 0.8 mi. E. of, opposite residence, 15 ft. S. of center line of rd., in root on N. side of 36-in. maple tree; copper nail and washer-----	1, 164. 73
East Orange, 1.5 mi. E. of, about 250 ft. S. of filling sta., 75 ft. S. of S. corner of triangle formed by rd. intersection, 55 ft. S. of center line of rd., in top of large rock ledge; standard tablet stamped "1060 BC 14 1935"-----	1, 059. 955
Reference mark, 25 ft. W. of tablet, 50 ft. S. of center line of rd., in root on N. side of 10-in. maple tree; copper nail and washer-----	1, 055. 54
Waits River post office, 1.0 mi. W. of, 2.3 mi. E. of East Orange, in NW. wing wall of concrete bridge over Waits River; chiseled square-----	948. 60
Waits River, 200 ft. W. of post office, 90 ft. W. of church, 75 ft. W. of junction of rd. S., 15 ft. N. of center line of rd., in center of concrete head wall of culvert; chiseled square-----	918. 33
Waits River post office, 0.9 mi. SE. of, 280 ft. W. of concrete bridge, 75 ft. S. of center line of rd., in small clearing, in rock outcrop; standard tablet stamped "845 BC 15 1935"-----	845. 442
Reference mark, 290 ft. E. of tablet, on SE. wing wall of concrete bridge over small brook; chiseled square-----	844. 01
Waits River post office, 1.8 mi. SE. of, opposite E. corner of triangle formed by junction of rd. S., 45 ft. N. of center line of rd., on rock outcrop; chiseled square-----	818. 83

Waits River post office, 2.4 mi. SE. of, 20 ft. S. of center line of rd. 17 ft. N. of watering trough, on E. end of stone head wall of culvert; chiseled square-----	<i>Feet</i> 797. 10
Waits River post office, 3.1 mi. SE. of, 50 ft. E. of center of crossroads, on SW. wing wall of concrete bridge; chiseled square-----	743. 89
From Plainfield quadrangle south and east along highway, trail, and right of way of New England Telegraph & Telephone Co. into Woodsville quadrangle (by B. B. Chamblin in 1935)	
Plainfield, 2.8 mi. SE. of, opposite junction of rd. E., 40 ft. W. of center line of rd., in large granite boulder; standard tablet stamped "1130 BC 16 1935"-----	1, 130. 109
Reference mark, 35 ft. N. of tablet, 15 ft. W. of center line of rd., 3 ft. N. of S. end of bars, on rock outcrop; chiseled square-----	1, 132. 65
Plainfield, 3.7 mi. SE. of, 35 ft. S. of junction of dim rd. W., on W. wing wall of concrete bridge at point 1 ft. from bridge; chiseled square-----	1, 240. 23
Plainfield, 4.5 mi. SE. of, 90 ft. N. of center of crossroads, 30 ft. W. of center line of rd., in triangle formed by rd. intersection, on rock outcrop; chiseled square-----	1, 379. 14
Plainfield, 4.5 mi. SE., thence 0.6 mi. E. from, about 850 ft. E. of residence, opposite site of old sawmill, 15 ft. S. of center line of rd., at W. edge of woods, in granite boulder; standard tablet stamped "1448 BC 17 1935"-----	1, 447. 470
Reference mark, 50 ft. N. of tablet, 35 ft. N. of center line of rd., on rock outcrop; chiseled square-----	1, 447. 28
Plainfield, 4.5 mi. SE., thence 1.5 mi. E. from, in NE. corner of inter- section of old woods rd. and right of way of New England Telegraph & Telephone Co., on base of large rock; chiseled square-----	1, 768. 22
Plainfield, 4.5 mi. SE., thence 2.6 mi. E. from, on N. side of Tel. & Tel. Co.'s right of way, at top of hill, on large boulder; chiseled square-----	2, 407. 91
Plainfield, 4.5 mi. SE., thence 3.1 mi. E. from, in center of Tel. & Tel. Co.'s right of way, on E. side of small brook, in top of large granite boulder; standard tablet stamped "2073 BC 18 1935"-----	2, 073. 191
Reference mark, 100 ft. E. of tablet, 15 ft. NE. of telephone pole 657, on N. side of right of way, on large boulder; chiseled square-----	2, 072. 70
Plainfield, 4.5 mi. SE., thence 4.0 mi. E. from, on S. side of Tel. & Tel. Co.'s right of way, on W. side of small brook, on flat rock; chiseled square-----	1, 880. 55
Plainfield, 4.5 mi. SE., thence 5.0 mi. E. from, 15 ft. W. of telephone pole 580, at junction of main telephone line to Noyes estate, on rock outcrop; chiseled square-----	1, 928. 04
Groton, 6.1 mi. W. of, 4.5 mi. SE., thence 5.5 mi. E. from Plainfield, 0.2 mi. E. of Noyes residence, 35 ft. N. of center line of rd., at edge of woods, in top of massive granite boulder; standard tablet stamped "1731 BC 19 1935"-----	1, 731. 259
Reference mark, 45 ft. S. of tablet, on S. side of rd., in center of stone head wall of culvert; chiseled square-----	1, 728. 67
Groton, 5.1 mi. W. of, 40 ft. W. of gate across rd., 30 ft. S. of center line of rd., on pointed rock; chiseled square-----	1, 487. 65
Westville School, 4.3 mi. W. of Groton, at concrete steps at entrance to school, on W. end of lowest step; chiseled square-----	1, 253. 14

West Groton, in village formerly so known, 3.4 mi. W. of Groton, 100 ft. W. of concrete bridge, 60 ft. S. and 40 ft. W. from junction of rd. S., in granite boulder; standard tablet stamped "1192 BC 20 1935"-	Feet 1, 192. 162
Reference mark, 35 ft. SE. of tablet, 90 ft. S. of rd. junction, on rock outcrop; chiseled square.....	1, 189. 27

ENOSBURG FALLS QUADRANGLE

[Latitude 44°45'-45°; ¹⁵ longitude 72°45'-73°]

FRANKLIN AND LAMOILLE COUNTIES

From St. Albans quadrangle southeast along St. Johnsbury & Lake Champlain Railroad to road crossing 1.4 miles southeast of East Highgate station (along route of and fitted to first-order line of U. S. Coast and Geodetic Survey; by K. E. Schlachter in 1914)

East Highgate sta., 0.6 mi. NW. of, at crossing of rd., W. of tracks, on S. side of rd., in stone culvert; standard tablet stamped "316" (recovered by U. S. C. & G. S. and designated "S 1").....	316. 407
East Highgate sta.; top of W. rail.....	363. 0
East Highgate sta., 0.6 mi. E. of, 885 ft. E. of rd. crossing, on S. side of track, in culvert; chiseled circle.....	389. 14
East Highgate sta., 1.4 mi. E. of, at rd. crossing, on S. side of track, on stone culvert; chiseled circle.....	388. 06

From St. Albans quadrangle east along Central Vermont Railway to Sheldon Junction (by K. E. Schlachter in 1914 and S. L. Parker in 1922)

Sheldon Springs, 1.4 mi. SW. of, 3.2 mi. NE. of sta. at Greens Corners, S. of lane crossing, 8 ft. SW. of center line of lane, 2 ft. N. of Ry. property line, on top of embedded boulder 3 ft. in diameter protruding 6 inches above ground; chiseled square.....	394. 71
Sheldon Springs sta., 0.7 mi. SW. of, at rd. crossing, 140 ft. NE. of milepost R 20, in Ry. signpost; spike.....	349. 58
Sheldon Springs, at NW. corner of crossroads, at SE. corner of store of Missisquoi Pulp & Paper Co., 5.1 ft. N. of corner, on S. side of stone foundation, 0.6 ft. above ground; standard tablet stamped "P 1 1922 Vt 346".....	346. 272
Reference mark, 60 ft. W. of SW. corner of store of Missisquoi Pulp & Paper Co., on W. side of rd., 100 ft. N. of Ry. track, in root on N. side of 13-in. sugar-maple tree; copper nail and washer.....	343. 13
Sheldon Springs, in front of sta.; top of S. rail.....	346. 0
Sheldon Springs, 0.6 mi. E. of, 35 ft. S. of center line of rd. crossing, on S. side of track, 4 ft. N. of fence line, on top of granite boulder 4 ft. in diameter; chiseled square.....	348. 27
Sheldon Springs, 1.4 mi. E. of, 0.4 mi. SW. of Sheldon Junction, 320 ft. W. of iron wagon bridge over Missisquoi River, 140 ft. NE. of T-rd. E., in meadow, in base on W. side of granite boulder 15 ft. in diameter; standard tablet stamped "P 2 1922 Vt 339".....	339. 607
Reference mark, 160 ft. SW. of tablet, 330 ft. W. of iron wagon bridge over Missisquoi River, in SE. corner of T-rd. E., on top of boulder 6 ft. in diameter; chiseled square.....	339. 69
Missisquoi River, at wagon bridge 0.3 mi. SW. of Sheldon Junction; surface of water at 9:30 a. m. April 24, 1922.....	327. 7

¹⁵ A narrow strip of territory lying just north of latitude 45°, given as the northern limit of this quadrangle, has been included on the map for convenience. This strip extends to the United States-Canada boundary.

From Sheldon Junction east along Central Vermont Railway into Jay Peak quadrangle (by S. L. Parker in 1922; along route of and fitted to first-order line of U. S. Coast and Geodetic Survey)

	<i>Feet</i>
Sheldon Junction, in front of sta.; top of rail.....	349. 3
Sheldon Junction, at SW. corner of concrete base of Ry. water tank; chiseled square.....	350. 11
Sheldon Junction, 1.0 mi. E. of, 1.3 mi. SW. of North Sheldon, on S. side of track, 23 ft. E. of center line of lane crossing, 6.5 ft. N. of fence line, on top of granite boulder 2.5 ft. in diameter; chiseled square.....	411. 65
North Sheldon, 0.3 mi. W. of, on S. side of track, at fill, 1 ft. N. of fence line, on top of granite boulder 6 ft. in diameter; chiseled square.....	392. 94
North Sheldon, in front of sta.; top of N. rail.....	386. 2
North Sheldon, 0.3 mi. E. of sta., at Ry. crossing, on N. side of track, 1 ft. N. of Ry. property line, in root on S. side of 36-in. elm tree; copper nail and washer.....	376. 40
North Sheldon, 0.5 mi. E. of, 0.2 mi. E. of Ry. crossing, 180 ft. NW. of trestle, 110 ft. NE. of milepost marked "R 15 W 147", on N. side of track, 25 ft. N. of fence line in pasture, in S. side of granite boulder 6 ft. in diameter; standard tablet stamped "P 3 1922 Vt 375" (recovered by U. S. C. & G. S. and designated "W 1").....	375. 311
Reference mark, 1 ft. SW. of tablet, in boulder; chiseled square.....	375. 57
North Sheldon, 1.6 mi. E. of, 0.5 mi. W. of South Franklin, on N. side of track, 3 ft. N. of Ry. property line, in root on S. side of 24-in. elm tree; copper nail and washer.....	367. 19
South Franklin, in front of sta.; top of rail.....	373. 66
South Franklin, 80 ft. E. of sta., on E. side of rd., on N. side of track, in corner of field, in root on S. side of lone elm tree; copper nail and washer.....	372. 58
South Franklin, 0.5 mi. E. of, 320 ft. E. of Ry. crossing, 20 ft. S. of center line of rd., in root on W. side of 14-in. elm tree; copper nail and washer.....	384. 40
South Franklin, 1.6 mi. E. of, 1.5 mi. W. of Enosburg Falls, 90 ft. W. of lane crossing track, 33 ft. S. of Ry. right of way, in meadow, on top of N. end of granite boulder 6 ft. in diameter; chiseled square.....	379. 28
Enosburg Falls, 1.1 mi. W. of, on highway, at large granite outcrop, 1.5 ft. N. of N. fence line, in top of 20- by 10-ft. smooth-topped boulder; standard tablet stamped "P 4 1922 Vt 389" (recovered by U. S. C. & G. S. and designated "X 1").....	389. 927
Reference mark, 13 ft. SW. of tablet, on S. side of N. fence line, in top of above-described boulder; chiseled square.....	387. 48
Enosburg Falls, at building occupied by post office and owned by E. F. Greenwood (corner of Main and School Streets), 8 ft. S. of center of front doorway, in first concrete step above sidewalk; standard tablet stamped "P 5 1922 Vt 422" (recovered by U. S. C. & G. S. and designated "Y 7").....	422. 466
Reference mark, 31 ft. NW. of tablet, in root on E. side of 15-in. elm tree; copper nail and washer.....	421. 38
Enosburg Falls, on School Street, at E. entrance on N. side of public-school building, on top of E. end of bottom marble step; chiseled square.....	421. 33
Enosburg Falls, in front of sta.; top of N. rail.....	427. 2
Enosburg Falls, 1.2 mi. E. of sta., on S. side of track, in row of 8 large pine trees in front of farm dwelling, in root on N. side of easternmost tree in row; copper nail and washer.....	402. 73

Enosburg Falls, 2.0 mi. along public rd. E. of, 0.7 mi. W. of North Enosburg sta., beside rd., 18 ft. S. of S. fence line, in top of N. end of 6- by 10-ft. granite boulder; standard tablet stamped "P 6 1922 Vt 431" (recovered by U. S. C. & G. S. and designated "Z 1")-----	Feet 432. 066
Reference mark, 100 ft. NE. of tablet, in N. fence line, in root on S. side of 38-in. elm tree; copper nail and washer-----	434. 68
North Enosburg, 860 ft. NW. of sta., 510 ft. N. of Ry. crossing, on E. side of rd., 13 ft. E. of fence line, in corner of field, on top of 2- by 6-ft. embedded granite boulder; chiseled square-----	408. 01
North Enosburg, in front of sta.; top of N. rail-----	403. 5

From North Enosburg north and west along highways into St. Albans quadrangle (by S. L. Parker in 1922)

North Enosburg, 1.2 mi. N. of, at junction of T-rd. W., due E. of SW. corner of fence, 40 ft. E. of fence line, in field, on top of granite boulder 5 ft. in diameter; chiseled square-----	602. 50
North Enosburg, 2.4 mi. N. of, 1.3 mi. S. of Berkshire, 0.7 mi. S. of junction of T-rd. E., on E. side of rd., in stone-fence line, in root on S. side of 17-in. elm tree; copper nail and washer-----	619. 77
Berkshire, 0.5 mi. S. of, 650 ft. N. of junction of T-rd. E., on W. side of rd., at S. end of large granite outcrop, 3.5 ft. above roadbed, in top of granite ledge; standard tablet stamped "P 7 1922 Vt 615"--	615. 989
Reference mark, 6.5 ft. N. of tablet, in above-mentioned ledge; chiseled square-----	616. 41
Berkshire, 530 ft. S. of schoolhouse, 60 ft. S. of junction of rd. to SW., on W. side of N.-S. rd., 15 ft. E. of fence line, in top at S. end of granite ledge; chiseled square-----	675. 97
Berkshire, 0.5 mi. N. of, 350 ft. NW. of crossroads, on N. side of rd., on top and at extreme S. end of 10- by 20-ft. embedded boulder; chiseled square-----	666. 89
Berkshire, 0.5 mi. N., thence 1.2 mi. NW. from, 0.9 mi. SE. of West Berkshire, 0.1 mi. W. of iron bridge over Pike River, on N. side of rd., 20 ft. N. of center line of rd., 10 ft. S. of N. fence line, at S. end of granite boulder protruding 6 ft. above ground; chiseled square--	574. 60
West Berkshire, 1,000 ft. E. of, about 400 ft. W. of schoolhouse, 40 ft. N. of public-rd. right of way, 30 ft. E. of small drain running S., 3 ft. W. of N.-S. stone fence, in center of top of granite boulder 7 ft. in diameter; standard tablet stamped "P 8 1922 Vt 546"-----	546. 760
Reference mark, 80 ft. SW. of tablet, 50 ft. W. of small drain, 6 ft. N. of public-rd. right of way, on top of embedded granite boulder 4.5 ft. in diameter; chiseled square-----	545. 78
West Berkshire, 440 ft. W. of crossroads, at junction of rd. NE., on top of hill, on S. side of rd., 17 ft. S. of fence line, in field, on top of N. end of granite outcrop; chiseled square-----	578. 40
West Berkshire, 0.7 mi. NW. of, 0.4 mi. E. of East Franklin, 50 ft. SE. of center of triangular grass plot formed by intersection of rds., on E. side of rd., in row of maple trees, in root on S. side of eastern-most tree; copper nail and washer-----	460. 32
East Franklin, 850 ft. S. of junction of T-rd. at center of village, 50 ft. N. of point where rd. forks and 18 ft. W. of center line of N.-S. rd., in root on E. side of 24-in. pine tree; copper nail and washer-----	474. 87
Miller Camp, near, 1.5 mi. W. of East Franklin, 180 ft. N. of N. shore of Lake Carmi (also called Franklin Pond), 350 ft. W. of rd. forks, 120 ft. S. of public-rd. right of way, in top of N. end of 16- by 18-ft. boulder protruding 5.5 ft. above ground; standard tablet stamped "P 9 1922 Vt 443"-----	443. 380

Reference mark, 120 ft. N. of tablet, in S. fence line of E.-W. rd., 50 ft. W. of small drain, in root on W. side of 12-in. elm tree; copper nail and washer.....	Feet 439. 52
Lake Carmi; surface of water at 11 a. m. May 10, 1922.....	435. 5
Franklin, 2.0 mi. E. of, 0.4 mi. W. of point where rd. to W. leaves Lake Carmi, on top of hill, 2 ft. S. of rd. right of way, 50 ft. E. of large granite outcrop, in field, in root on N. side of 36-in. sugar-maple tree; copper nail and washer.....	511. 76
Franklin, 1.5 mi. E. of, in SW. corner of junction of T-rd. S., in root on S. side of 17-in. elm tree; copper nail and washer.....	515. 56
Franklin, 1,800 ft. N. of Haston Library, exactly in SE. corner of crossroads, in root on SE. side of 30-in. sugar-maple tree; copper nail and washer.....	458. 36
Franklin, at front entrance to Haston Library, on S. side of steps, in top of granite cap on banister; standard tablet stamped "P 10 1922 Vt 452".....	452. 931
Reference mark, 38 ft. NE. of front steps to Haston Library, in root on N. side of sugar-maple tree; copper nail.....	448. 32
Franklin, 0.5 mi. W. of Haston Library, 100 ft. E. of rd. forks, 25 ft. S. of center line of rd., in root on N. side of 42-in. elm tree; copper nail and washer.....	456. 06
Franklin, 1.7 mi. W. of, 160 ft. W. of lane S. to house, on S. side of rd., 3 ft. N. of stone fence, in root on N. side of 14-in. sugar-maple tree; copper nail and washer.....	381. 12
Browns Corners School, 0.4 mi. E. of, 2.2 mi. W. of Franklin, 130 ft. NE. of rd. forks, 40 ft. N. of fence line, in field, in top of triangular granite outcrop protruding 4 ft. above ground; standard tablet stamped "P 11 1922 Vt 328".....	328. 471
Reference mark, 50 ft. SW. of tablet, 20 ft. N. of center line of rd., 4 ft. S. of fence line, in root on N. side of 10-in. forked butternut tree; copper nail and washer.....	323. 40
Browns Corners, 0.3 mi. W. of Browns Corners School, 50 ft. N. of NW. corner of crossroads, 18 ft. W. of center line of rd., in root on SE. side of 36-in. sugar-maple tree; copper nail and washer.....	325. 80
Browns Corners, 0.7 mi. W. of, 3.7 mi. NE. of Highgate Center, near point where Franklin-Highgate town line crosses rd., 25 ft. E. of town line and 15 ft. N. of center line of rd., in root on W. side of 18-in. double elm tree; copper nail and washer.....	285. 05
From Sheldon Junction south and southeast along St. Johnsbury & Lake Champlain Railroad to East Fairfield, thence east along road to Bakersfield, thence north along roads to Enosburg Falls (by R. W. Burchard in 1922)	
Sheldon Junction, 0.6 mi. S. of, 1.1 mi. N. of Sheldon, at S. end of R. R. bridge across Missisquoi River, on top of rock abutment on E. side of track, about 1.5 ft. from S. edge of rock; chiseled circle.....	349. 99
Sheldon, 700 ft. N. of R. R. sta., in low cut, about 12 ft. E. of track, 4 ft. above track level, in niche of rock outcrop jutting into right of way; standard tablet stamped "374 Vt 1922 B 1".....	373. 368
Reference mark, 4 ft. S. of and 2.2 ft. above tablet, on same rock outcrop (mark not described).....	376. 57
Sheldon, in front of sta.; top of W. rail of main line.....	372. 2
Sheldon, 0.6 mi. S. of sta., 200 ft. N. of private rd. that crosses R. R. track at small iron culvert marked "91 D", 15 ft. W. of track, in top of large granite boulder protruding about 3 ft. above ground; chiseled circle.....	371. 17

Sheldon, 1.3 mi. S. of, 60 ft. W. of track, about 100 ft. N. of corner of wire fence, on E. edge of 5-acre maple grove, at base on E. side of 14-in. maple tree; copper nail and washer-----	Feet 375. 50
Sheldon, 2.3 mi. S. of, at rd. crossing, in front of large farmhouse with large red barn and outbuildings on W. side of track, 15 ft. E. of track, on S. edge of rd., in base of W. side of warning post; spike----	383. 12
Sheldon, 3.3 mi. S. of, 15 ft. W. of track, on top of upright granite slab marked "4200"; chisel cut-----	366. 53
Fairfield Station, 1.0 mi. N. of, 3.7 mi. S. of Sheldon sta., at rd. crossing at milepost 89, 25 ft. N. of rd., 15 ft. W. of track, 12 ft. SW. of rock culvert, in top of 2- by 2- by 4-ft. detached boulder; standard tablet stamped "355 Vt 1922 B 2"-----	355. 460
Reference mark, 12 ft. NE. of tablet, on W. side of track, in top on S. side of granite abutment; chiseled circle-----	355. 39
Fairfield Station, 0.5 mi. N. of, 400 ft. S. of R. R. bridge across Black Creek, 15 ft. W. of track, on top of upright granite slab; chiseled circle-----	360. 96
Fairfield Station, on W. side of track, on SE. side of main rd. crossing track, in front of first house to W., opposite old brick house, in base on E. side of center one of three large maple trees; copper nail and washer-----	381. 33
Fairfield Station, opposite telegraph office; top of W. rail-----	371. 0
Fairfield Station, 0.4 mi. SE. of, on NE. side of track, at SE. end of wooden bridge crossing Fairfield River, about 2 ft. below rail, in wooden sill on which sleepers of bridge rest; copper nail and washer-----	363. 70
Fairfield Station, 1.0 mi. SE. of, at rd. crossing; top of NE. rail-----	363. 4
Fairfield Station, 1.2 mi. SE. of, on E. side of private rd. and S. of track at crossing, in large boulder supporting NE. corner of large unpainted barn; standard tablet stamped "364 Vt 1922 B 3"-----	364. 361
Reference mark, 10 ft. W. of tablet, on top of another rock supporting above-mentioned barn; chiseled cross-----	364. 63
Fairfield Station, 1.8 mi. SE. of, at crossroads, about 800 ft. E. of Creek School; top of rail-----	365. 8
Fairfield Station, 2.2 mi. SE. of, 1.8 mi. NW. of East Fairfield, 70 ft. SW. of point where rd. crosses track, on S. side of rd., in center of top of concrete head gate of galvanized-iron culvert; chiseled square-----	374. 47
East Fairfield, 1.0 mi. NW. of, at NE. side of R. R. cut through narrow rock dike, about 10 ft. from track and about 2.5 ft. above it, in projecting ledge; chiseled circle-----	373. 63
East Fairfield, 0.6 mi. N. of, at main rd. crossing; top of NE. rail----	379. 7
East Fairfield, in front of sta.; top of N. rail-----	420. 4
East Fairfield, 150 ft. NE. of sta., in rock embankment on N. side of street, in sloping rock ledge at point about 3 ft. above and 12 ft. N. of street; standard tablet stamped "424 Vt 1922 B 4"-----	424. 540
Reference mark, about 15 ft. E. of tablet, on same rock ledge, at base of brace to telephone pole; chiseled circle-----	425. 15
East Fairfield, 0.6 mi. E. of, 200 ft. SW. of farm of Mrs. Harrigan, on N. edge of main rd. and W. edge of private driveway to farm, on large flat rock outcrop at point 10 ft. from its S. edge; chiseled circle-----	524. 25
East Fairfield, 1.4 mi. E. of, 2.0 mi. W. of Bakersfield, 100 ft. N. of unpainted farmhouse, on N. edge of rd. at point where it bends slightly to avoid steep grade, in top of large, detached black boulder; chiseled circle-----	563. 10

Bakersfield, 0.8 mi. W. of, at point where rd. crosses point of slim rocky spur, on N. edge of lane, in fence line, in base of 10-in. pine tree; copper nail and washer.....	Feet 597. 11
Bakersfield, at NW. corner of intersection of Main Street and East Fairfield rd., on W. side of Main Street, in front of house of Frank Brody, directly opposite and about 3 ft. E. of large maple tree, in W. side of concrete sidewalk at point about 10 ft. from its end; chiseled square.....	743. 02
Bakersfield, S. of property of Mrs. Cook, on W. side of street, about 5 ft. W. of sidewalk, near large tree, on S. end of concrete coping of wall in front of vacant lot; standard tablet stamped "736 Vt 1922 B 5".....	736. 375
Reference mark, about 20 ft. E. of tablet, on opposite side of driveway, 6 in. from end of concrete coping E.; chiseled square.....	738. 14
Bakersfield, in front of house on E. side of N. end of Main Street, in third tree from S. in row of seven maple trees, in base on W. side of tree; copper nail and washer.....	751. 37
Bakersfield, 1.5 mi. N. of, at N. end of wooden bridge across The Branch, at foot of steep grade, on top of W. side of rock abutment; chisel cut.....	649. 03
Bakersfield, 2.1 mi. N. of, at N. (lower) end of Browns Pond, at E. end of steel bridge across The Branch, just below dam and falls, on S. side of bridge, on top of rock abutment; chisel cut.....	648. 83
Bakersfield, 3.0 mi. N. of, at farm of J. L. Dezotell, 300 ft. SE. of house, on E. side of rd., on S. face of large isolated boulder; standard tablet stamped "581 Vt 1922 B 6".....	581. 795
Reference mark, on N. face of above-mentioned boulder, at about same height as tablet; chiseled square.....	582. 14
Bakersfield, 3.8 mi. N. of, 3.3 mi. S. of West Enosburg, at Maplehurst Farm, about 500 ft. N. of barn, on W. side of rd., about 5 ft. inside fence, in E. side of base of 54-in. maple tree; copper nail and washer.....	523. 19
West Enosburg, 2.5 mi. S. of, at junction of rd. to Bordoville, on W. side of main rd. and N. side of Bordoville rd., on top of NW. corner of concrete culvert across small stream; chiseled square.....	494. 15
West Enosburg, 1.8 mi. S. of, on W. side of rd., at N. end of new concrete bridge across small stream, 2 ft. from edge of concrete rail, on top of wing abutment; chiseled square.....	450. 10
West Enosburg, 0.7 mi. S. of, on W. side of rd., in front of farmhouse of D. E. Cushman, at concrete steps leading to rd., on N. end of lower step; chisel cut.....	436. 22
West Enosburg, directly in front of store of W. R. Ovitt, on opposite side of street, 15 ft. N. of rd. and about 8 ft. above rd. level, on top of rock ridge which ends abruptly at side of rd.; standard tablet stamped "440 Vt 1922 B 7".....	440. 460
Reference mark, about 5 ft. N. of and 2 ft. above tablet, on same rock ridge; chiseled square.....	442. 47
West Enosburg, 0.7 mi. N. of, 200 ft. SW. of farmhouse of Burton Stone, on W. side of rd., at N. end of culvert, on W. side of concrete rail, in concrete sill of culvert; chiseled square.....	495. 38
West Enosburg, 1.5 mi. N. of, 1.0 mi. S. of bridge over Missisquoi River at Enosburg Falls, about 1,000 ft. E. of summit of hill, on S. side of rd., about 15 ft. S. of center line of rd. and 3 ft. above rd. level, in top of jutting rock ledge; chiseled circle.....	523. 07

Enosburg Falls, at concrete bridge across Missisquoi River, at angle formed by intersection of rd. leading to power plant, on S. side of W. end of bridge, about 6-in. S. of concrete rail, on top of concrete sill; chiseled square-----	Feet 395. 78
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From Jay Peak quadrangle, near its southwest corner, west along roads to
Bakersfield (by F. L. Shalibo in 1922)

Bakersfield, 3.6 mi. E. of, at top of mountain, 20 ft. W. of center line of rd., between two small trees, on 6- by 8-ft. boulder protruding 3 ft. above ground; standard tablet stamped "S 9 Vt 1922"-----	1, 459. 687
Reference mark, 1 ft. S. of tablet, on same boulder; chiseled square....	1, 459. 71
Bakersfield, 2.2 mi. E. of, 45 ft. N. of junction of rd. to Waterville Mountain, 20 ft. E. of center line of rd., 5 ft. S. of telephone pole, in rock ledge; chiseled square-----	968. 99

From Mount Mansfield quadrangle north along St. Johnsbury & Lake
Champlain Railroad to East Fairfield (by E. E. Harris in 1924)

East Fairfield, 2.2 mi. S. of, 3.2 mi. N. of Fletcher sta., 1,200 ft. N. of rd. crossing, E. of track, in center of top face of concrete culvert; chiseled square-----	417. 08
East Fairfield, 1.3 mi. S. of, 300 ft. N. of rd. crossing, E. of track, at SE. corner of R. R. trestle 77, on top of boulder; chiseled square ---	415. 49

GREENFIELD QUADRANGLE¹⁶

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

WINDHAM COUNTY

From Massachusetts-Vermont State line near Green River east along road
parallel to State line to Shattuck Brook, thence south into Massachusetts
(by E. M. Wheeler in 1934)

Green River, about 3 mi. by direct rd. S. of village of, 4.3 mi. by direct rd. NW. of Beaver Meadow (Mass.), 0.05 mi. N. of bridge over Green River, 35 ft. NE. of junction of Green River and Beaver Meadow rds., 45 ft. NW. of center line of rd., on top of boulder; standard tablet stamped "WH 3 584 1934"-----	584. 240
Reference mark, 35 ft. S. and 15 ft. E. from tablet, 25 ft. NE. of junction of Green River and Beaver Meadow rds., in root on SE. side of 20-in. butternut tree; copper nail and washer-----	576. 86
Beaver Meadow (Mass.), 3.4 mi. NW. of, in SE. angle of junction of route rd. with rd. S., 80 ft. W. of bridge over West Hollow Brook, 20 ft. S. of center line of rd., in root on NW. side of 14-in. cherry tree; copper nail and washer-----	783. 52
Beaver Meadow (Mass.), 2.5 mi. NW. of, in NE. angle of intersection of route rd. with N.-S. rd., 60 ft. E. of intersection, 10 ft. N. of center line of rd., in root on S. side of 40-in. maple tree; copper nail and washer-----	1, 091. 30
Beaver Meadow (Mass.), 0.9 mi. N. of, 830 ft. N. of Vt.-Mass. State line, 140 ft. N. of intersection of E.-W. and N.-S. rds., on top of SW. corner of concrete bridge over brook; chiseled square-----	694. 40

¹⁶ Part of this quadrangle lies in Massachusetts.

GUILDHALL QUADRANGLE ¹⁷

[Latitude 44°30'-44°45'; longitude 71°30'-71°45']

ESSEX COUNTY

From Guildhall post office west along Guildhall-Granby road into Burke quadrangle (by R. G. Clinite in 1932)

Guildhall, about 200 ft. E. of post office, at W. abutment of steel bridge over Connecticut River, on corner of S. concrete coping above bridge seat; chiseled square.....	Feet 861. 11
Guildhall, 1.1 mi. W. of post office, on N. side of rd., in pasture, in root of 48-in. pine tree; copper nail and washer stamped "N E P A".....	878. 30
Guildhall, 260 ft. NE. of Maine Central R. R. sta., on SE. wing wall of SW. abutment of highway underpass; chiseled square (recovered by U. S. C. & G. S.).....	880. 54
Guildhall sta., 0.5 mi. SW. of, in W. angle of rd. forks, in root of 12-in. pine tree; spike and washer.....	882. 71
Guildhall sta., 1.6 mi. SW. of, about 350 ft. S. and 60 ft. W. from junction of Guildhall-Granby rd. and rd. S., in pasture, in top of boulder; standard tablet stamped "C 2 1932".....	1, 077. 060
Reference mark, 380 ft. N. and 60 ft. E. from tablet, on N. side of rd. forks, in root of 12-in. birch tree; copper nail and washer.....	1, 060. 80
Guildhall sta., 2.5 mi. W. of, 30 ft. S. of center line of rd., in root of 38-in. yellow-birch tree; copper nail and washer.....	1, 350. 57
Guildhall sta., 2.8 mi. W. of, 25 ft. N. and 25 ft. E. from junction of rd. S., on boulder.....	1, 410. 60
Guildhall sta., 3.5 mi. W. of, 25 ft. N. of center line of rd., in root on N. side of double maple tree; copper nail and washer.....	1, 537. 23
Guildhall sta., 4.5 mi. W. of, 25 ft. N. of center line of rd., 180 ft. W. of signboard at junction of fire trail to Cow Mountain tower, on near edge at top of ledge; chiseled square.....	1, 597. 10
Guildhall-Granby town line; center line of rd.....	1, 672. 0
Granby School, 5.0 mi. E. of, 600 ft. W. of Guildhall-Granby town line, 260 ft. E. of log-loading deck, 25 ft. S. of center line of Guildhall-Granby rd., in top of boulder; standard tablet stamped "C 3 1932".....	1, 687. 740
Reference mark, 10 ft. SE. of tablet, in root of 22-in. birch tree; copper nail and washer.....	1, 686. 63
Granby School, 4.0 mi. E. of, 20 ft. S. of center line of rd., at summit of grade, in root of double yellow-birch tree; copper nail and washer...	1, 967. 87
Granby School, 3.0 mi. E. of, 20 ft. S. of center line of rd., at crest of grade, 50 ft. NE. of clearing, in root of 10-in. white-birch tree; copper nail and washer.....	2, 019. 10
Granby School, 1.9 mi. E. of, 500 ft. E. of junction of Guildhall-Granby rd. and private rd. S., 18 ft. N. of center line of Guildhall-Granby rd., in edge of meadow, in N. end of ledge, at ground level; chiseled square.....	1, 798. 06

From point near Guildhall station southwest along roads by way of Sheridan and Colby Mountains into Whitefield quadrangle (by R. G. Clinite in 1932)

Guildhall sta., 2.7 mi. SW. of, 450 ft. E. of rd. forks, on S. side of rd. to Lunenburg, in root of twin poplar tree; spike and washer.....	1, 307. 46
Guildhall sta., 3.7 mi. SW. of, in NW. angle of rd. forks, in root of double maple tree; copper nail and washer.....	1, 289. 55

¹⁷ Part of this quadrangle lies in New Hampshire.

Guildhall sta., 4.3 mi. SW. of, 25 ft. W. of rd., at crest, in root of 12-in. birch tree; spike-----	Feet 1, 553. 86
Guildhall sta., 4.9 mi. SW. of, 1.0 mi. NE. of Guildhall-Lunenburg town line, 70 ft. E. of rd., on N. slope of hill, in S. end of long sloping ledge; standard tablet stamped "C 11 1932"-----	1, 507. 573
Reference mark, 45 ft. W. of tablet, at ground level, in ledge; chiseled square-----	1, 506. 19
Guildhall sta., 5.3 mi. SW. of, 4.3 mi. NE. of Lunenburg, in triangle of rd. forks, on large boulder; highest point-----	1, 488. 57
Lunenburg, 3.7 mi. N. of, at Guildhall-Lunenburg town line, on E. side of rd., on large boulder; chiseled circle-----	1, 473. 81
Lunenburg, 3.2 mi. N. of, on NE. side of rd. forks, on ledge; chiseled square-----	1, 392. 03

From Whitefield quadrangle near Baldwin Mountain northwest along Lunenburg-Granby road into Burke quadrangle (by R. G. Clinite in 1932)

Lunenburg, about 3.5 mi. NW. of, in SE. angle of rd. forks, 200 ft. E. of Lunenburg-Granby rd., 180 ft. SE. of abandoned schoolhouse, in meadow, in top of large boulder; standard tablet stamped "C 15 1932"-----	1, 623. 432
Reference mark, 140 ft. NW. of tablet, 40 ft. S. of schoolhouse, in N. angle of rd. forks, on boulder; chiseled square-----	1, 620. 81
Lunenburg, 4.5 mi. NW. of, on SW. side of Lunenburg-Granby rd. (unused section), 70 ft. W. of junction of old rd. to NE., in pasture, on top of large boulder; chiseled square-----	1, 751. 49
Lunenburg, 5.5 mi. NW. of, 3.7 mi. SE. of Granby School, on SW. side of Lunenburg-Granby rd., in root of 20-in. white-birch tree; spike and washer-----	1, 743. 42
Granby School, 2.8 mi. SE. of, 10 ft. SW. of Lunenburg-Granby rd. (unused section), in top of 5- by 12-ft. boulder; standard tablet stamped "C 16 1932"-----	1, 580. 964
Reference mark, 20 ft. SW. of tablet, in root on SW. side of double birch tree; spike and washer-----	1, 577. 37
Granby School, 1.4 mi. SE. of, on W. slope of hill, 150 ft. SW. of farmhouse, in SW. angle of junction of improved rd. and old rd. through woods to Lunenburg, on top of large boulder; chiseled square-----	1, 587. 53
Granby School, 0.7 mi. SE. of, on SE. wing wall of bridge; chiseled square-----	1, 313. 31

From Burke quadrangle near Granby northeast along roads and trails near Tolman Brook and Granby and Paul Streams to Connecticut River (by R. G. Clinite in 1932)

Granby School, 2.8 mi. N., thence 0.2 mi. E. from, 10 ft. E. of old rd., near height of land, in top of boulder; standard tablet stamped "C 5 1932"-----	2, 106. 427
Reference mark, 40 ft. S. of tablet, on E. edge of old rd., in root of 12-in. maple tree; copper nail and washer-----	2, 103. 52
Tolman Brook Camp site, 40 ft. SW. of, 3.7 mi. NE. of Granby School, 30 ft. S. of brook at point near its head, on S. side of rd., in root of 36-in. birch tree; copper nail and washer-----	1, 767. 24
Tolman Brook Camp site, 1.1 mi. NE. of, 100 ft. E. of Tolman Brook, on E. side of old rd., in root of 16-in. yellow-birch tree; copper nail and washer-----	1, 464. 28
Granby Dam, 1.7 mi. along trail SW. of, 700 ft. SW. of confluence of Tolman and Wilke Brooks, 400 ft. below falls of Tolman Brook, 90 ft. S. of crossing of logging rds., 30 ft. SE. of old rd., 15 ft. NW. of Tolman Brook, in top of boulder; standard tablet stamped "C 6 1932"-----	1, 369. 909

	<i>Feet</i>
Reference mark, 25 ft. NW. of tablet, in root of 16-in. balsam tree; copper nail and washer-----	1, 369. 56
Tolman and Stoney Brooks, at junction of; surface of water June 24, 1932-----	1, 349. 7
Fitch Brook, at trail crossing; surface of water June 24, 1932-----	1, 343. 7
Granby Dam, 0.6 mi. SW. of, about 400 ft. NW. of junction of Fitch Brook and Granby Stream, 220 ft. N. of trail crossing of Fitch Brook, in SW. angle of junction of trail through alder growth and old dim tote rd., at SW. edge of timber, 4.4 ft. from 5-in. poplar tree, on S. side of top of large boulder overgrown with roots and bushes; chiseled circle-----	1, 357. 06
Granby Dam, 1.4 mi. SW. of junction of Granby and Paul Streams, about 240 ft. NE. of dam, 150 ft. N. of Granby Stream, 22 ft. NW. of hovel in camp grounds, 8 ft. E. of footpath, in shelf on SE. side of large sloping boulder; standard tablet stamped "C 7 1932"-----	1, 352. 994
Reference mark, 465 ft. N. of tablet, in SE. angle of trail forks, near N. end of clearing, on boulder; chiseled circle-----	1, 380. 47
Granby Dam, 1.1 mi. NE. of, 0.3 mi. SW. of junction of Granby and Paul Streams, 150 ft. W. of suspension bridge over Granby Stream, 30 ft. W. of forks of trail marked "Camp Fire Warden," in root of 12-in. birch tree; copper nail and washer-----	1, 213. 66
Granby Stream, at suspension bridge; surface of water June 28, 1932--	1, 207. 7
Paul Stream, at Walker Dam; surface of water June 28, 1932-----	1, 173. 6
Walker Dam, 0.2 mi. NE. of, 5.5 mi. SW. of Brunswick, on N. side of rd., in root in rear of 12-in. pine tree; copper nail and washer-----	1, 195. 53
Paul Stream, at bridge in Bulls Throat; surface of water June 29, 1932--	1, 167. 8
Brunswick, 4.1 mi. by rd. SW. of, on SE. side of Paul Stream, 0.7 mi. below Bulls Throat bridge, 0.2 mi. NW. of N. end of Maidstone Lake, 35 ft. S. of mouth of brook outlet of lake, on SE. side of rd., 20 ft. SW. of SW. corner of bridge, in root of 12-in. birch tree; copper nail and washer-----	1, 155. 18
Brunswick, 3.1 mi. SW. of, 0.4 mi. above site of Browns Mill, on NW. side of rd., 30 ft. SE. of SE. bank of Paul Stream, in top of large boulder; standard tablet stamped "C 10 1932"-----	1, 140. 772
Reference mark, 190 ft. NE. of tablet, on top edge of 12-ft. boulder at NW. edge of rd.; chiseled square-----	1, 140. 60
Brunswick, 1.8 mi. SW. of, on E. side of rd., 40 ft. N. of pole bridge, near S. end of small clearing, in top of boulder; chiseled square----	1, 036. 46
Brunswick, 0.2 mi. S., thence 0.4 mi. W. from, 0.4 mi. W. of gate at junction of State Highway 102 and Paul Stream rd., 20 ft. N. of rd., on N. side of double maple tree; copper nail and washer-----	1, 007. 29
Brunswick, 0.2 mi. S. of, at junction of State Highway 102 and Paul Stream rd.; center of junction-----	975. 2
Brunswick, on State Highway 102, at new concrete bridge over Paul Stream, on W. end of N. back wall; chiseled square-----	875. 24
Connecticut River, at mouth of Paul Stream; surface of water at 2:30 p. m. June 30, 1932-----	857. 8

From Guildhall along roads generally north by way of Bald Mountain and Maidstone Lake to Paul Stream (by R. G. Clinite in 1932)

Guildhall sta., 1.4 mi. N. of, on NE. side of rd., at angle 100 ft. S. of barn, in root of 30-in. pine tree; spike and washer-----	891. 92
Guildhall sta., 2.5 mi. N. of, 50 ft. SE. of abandoned schoolhouse, 50 ft. N. of rd. forks, on W. edge of rd. N. into field, on embedded boulder; chiseled circle-----	968. 77

Guildhall sta., 3.2 mi. N. of, on NE. side of rd. to Duttons Pond, 190 ft. SE. of wooden bridge over Mill Brook, 130 ft. SE. of rd. forks, on large boulder; standard tablet stamped "C 8 1932"-----	<i>Feet</i> 1, 008. 937
Reference mark, 180 ft. NW. of tablet, in NW. angle of rd. forks, in root of 12-in. birch tree; copper nail and washer-----	1, 005. 39
Guildhall sta., 4.3 mi. N. of, on E. side of Dutton Brook, 35 ft. W. of rd., on large boulder; chiseled square-----	1, 074. 70
Guildhall sta., 5.1 mi. NW. of, about 1 mi. S. of Maidstone Hill, on E. side of triangle at rd. forks, 50 ft. SE. of gate; top of rock-----	1, 244. 09
Maidstone Lake, 1.8 mi. by road and trail E. of, 6.1 mi. NW. of Guildhall, 1.6 mi. SW. of Lathe Corner, at rd. forks near Maidstone Hill, on E. side of center of grass triangle, in top of large boulder; standard tablet stamped "C 9 1932"-----	1, 505. 674
Reference mark, 355 ft. W. of tablet, on N. side of rd., at barway 170 ft. N. of barn, on ledge; chiseled square-----	1, 510. 05
Maidstone Lake, 0.8 mi. E. of, 130 ft. SW. of rd. forks and gap in stone fence, 160 ft. N. of shed, in top of exposed ledge of white rock; chiseled square-----	1, 522. 75
Maidstone Lake, on E. shore of, 1.0 mi. NE. of S. extremity of lake, 100 ft. W. of camp, 20 ft. E. of water's edge, on S. side of boat landing, on E. end of large boulder; chiseled circle-----	1, 309. 06
Maidstone Lake; surface of water at 10:20 a. m. June 16, 1932----	1, 303. 3
Maidstone Lake, at N. end of, at outlet dam, on E. side of sluiceway, on E. end of concrete apron; loop of figure 9 in date "1931"-----	1, 304. 88
Paul Stream, at mouth of brook outlet of Maidstone Lake; surface of water June 17, 1932-----	1, 148. 0
From Averill quadrangle near North Notch Mountain south along trail and tote road to junction of Paul and Granby Streams (by R. G. Clinite in 1932)	
Wenlock, 3.4 mi. SE. of, on E. side of trail to West Mountain fire tower, on E. side of head of drainage to N., on top at N. side of large boulder; chiseled square-----	1, 219. 72
Notch Pond, 700 ft. NE. of forks of trail to, 4.4 mi. SE. of Wenlock, on S. side of trail to West Mountain fire tower, in root of 11-in. birch tree; copper nail and washer-----	1, 415. 05
Notch Pond, about 1 mi. S. of, 1.8 mi. NW. of West Mountain fire tower, on W. side of trail to West Mountain tower, at set of logging camps, at SE. corner of cook shack, between trail and brook, in top of large boulder; standard tablet stamped "C 17 1932"-----	1, 591. 503
Reference mark, 85 ft. N. of tablet, on rock in trail; chiseled square----	1, 587. 76
West Mountain fire tower, about 1 mi. NW. of, 2.7 mi. N. of upper dam on Paul Stream, 0.7 mi. S. of logging camps, at W. side of forks of trail to tower and old woods rd. SW., on boulder; chiseled square----	1, 822. 82
South America Pond, 0.6 mi. NE. of, 600 ft. N. of junction of Paul Stream and East Fork, in notch, on E. side of old log rd., on E. side of East Fork, opposite log bridge, 45 ft. E. of tumble-down camp, in root of 10-in. poplar tree; spike-----	1, 555. 78
Paul Stream, below old dam; surface of water Nov. 2, 1932-----	1, 528. 0
South America Pond, 0.5 mi. SE. of SE. extremity of, on W. side of Paul Stream, 0.7 mi. below dam, along rd. which bears SW. from stream and follows high ground, on S. slope of ridge, about 1.7 mi. N. of Madison Brook, 35 ft. E. of tote rd., in top of large boulder; standard tablet stamped "C 18 1932"-----	1, 561. 661
Reference mark, 30 ft. W. of tablet, on E. side of rd., in root of 16-in. balsam tree; spike-----	1, 560. 48

South America Pond, 1.7 mi. SE. of SE. extremity of, along rd. on W. side of Paul Stream, on E. side of tote rd. 0.3 mi. NW. of point where it crosses Madison Brook, in root of 12-in. yellow-birch tree; spike-----	Feet 1, 520. 73
Madison Brook, at rd. crossing; surface of water Nov. 3, 1932-----	1, 482. 6
South America Pond, 2.7 mi. SE. of SE. extremity of, 2.6 mi. NW. of mouth of Granby Stream, at W. side of Ferdinand Bog, on SW. side of tote rd. about 0.8 mi. SE. of point where it crosses Madison Brook, at NW. side of clearing, 35 ft. NE. of old tumble-down camp, on large boulder; chiseled square-----	1, 477. 29
Ferdinand Bog, near southern extremity of, 1.2 mi. N. of mouth of Granby Stream, on W. side of Paul Stream, on W. side of tote rd. at crest of hill, 2.1 mi. SE. of point where rd. crosses Madison Brook, 0.9 mi. N. of camp of fire warden, 100 ft. SW. of huge boulder in stream bed, on E. end near top of 4- by 6-ft. boulder; standard tablet stamped "C 19 1932"-----	1, 369. 315
Reference mark, 15 ft. W. of tablet, in root on S. side of 14-in. forked yellow-birch tree; spike-----	1, 371. 97

HANOVER QUADRANGLE¹⁸

[Latitude 43°30'-43°45'; longitude 72°15'-72°30']

WINDSOR COUNTY

From Claremont quadrangle north and northeast along Central Vermont Railway to White River Junction (double-run line by W. A. Anderson in 1905; over route of and fitted to first-order line of U. S. Coast and Geodetic Survey)

Hartland sta., in rd. forks near, 250 ft. W. of track, 15 ft. N. of rd., in boulder; aluminum tablet stamped "441 Adj."-----	442. 040
North Hartland, 600 ft. W. of sta., on property of William Walker, 50 ft. N. of rd., 20 ft. E. of house, in top of small boulder; aluminum tablet stamped "383 Adj."-----	383. 573
North Hartland, 1.1 mi. N. of sta., 540 ft. N. of milepost "Windsor 11 mi.", 15 ft. E. of track, in top of small boulder; aluminum tablet stamped "349 Adj."-----	349. 889

From White River Junction north and northeast along Boston & Maine Railroad into Mascoma quadrangle (first-order line by N. A. Campbell in 1906; along route of and fitted to first-order line of U. S. Coast and Geodetic Survey)

White River Junction, at Catholic Church, near corner of Gate Street, on SE. corner of front wall, 8 ft. S. of doorsill; aluminum tablet stamped "367 Adj."-----	367. 846
Reference mark, at above-mentioned church; top of step-----	366. 17
Wilder, at side entrance of public library, in top of stone doorsill; aluminum tablet stamped "430 Adj."-----	430. 768
Wilder, in front of sta.; top of rail-----	409. 0
Lewiston, 0.8 mi. SW. of sta., on E. side of track, in rock; aluminum tablet stamped "430 Adj."-----	430. 768
Lewiston, in front of sta.; top of rail-----	402. 9
Norwich-Hanover sta., 2.1 mi. NE. of, 3.2 mi. SW. of Pompanoosuc, 600 ft. SW. of semaphore 64, 350 ft. NE. of Early Bird Tea Room, 35 ft. SE. of track, at edge of cultivated field; iron post stamped "400" (recovered by U. S. C. & G. S. and designated "400 (U. S. G. S.)"; reported in 1927 as loose in ground)-----	400. 275

¹⁸ Part of this quadrangle lies in New Hampshire.

Near White River Junction (additional elevations by E. L. McNair in 1925) ¹⁹

White River Junction, at NE. corner of sta. platform, on corner stone; chiseled square-----	<i>Feet</i> 365. 72
White River Junction, 0.7 mi. N. of, at semaphore 12, on SE. corner of concrete base; chiseled square (recovered by U. S. C. & G. S. and designated "387 (U. S. G. S.)")-----	386. 46
From White River Junction north along Boston & Maine Railroad to Norwich (by W. A. Anderson in 1905; single-spur line)	
Norwich, near corner of Mechanic and Main Streets, in front wall of red brick house owned by Mr. Lewin, 10 ft. W. of doorway; aluminum tablet stamped "536 Adj."-----	536. 608
From White River Junction northwest along Central Vermont Railway to West Hartford (double-run line by W. A. Anderson in 1905)	
Hartford sta., 2.8 mi. W. of, on property of Henry Shoch, 0.1 mi. E. of house, 410 ft. S. of track, 120 ft. E. of rd., in top of small boulder; aluminum tablet stamped "433 Adj."-----	434. 295
West Hartford, opposite and 50 ft. N. of sta., 25 ft. N. of track, in projection from ledge, 1 ft. above ground; aluminum tablet stamped "420 Adj."-----	420. 804
From West Hartford southwest along highways to Taftsville, thence south and southeast to Hartland (by G. M. Dimick in 1906)	
Birch School, 3.7 mi. SW. of West Hartford, in foundation wall of school, in S. end of W. face of foundation; aluminum tablet stamped "941 Adj."-----	942. 238
Birch School, 2.4 mi. S. of, 2.6 mi. NE. of Taftsville, at farmhouse, in S. end of E. face of foundation; aluminum tablet stamped "631 Adj."-----	631. 623
Taftsville, at residence of W. H. Taft, on W. end of S. wall, in brickwork, 9 bricks above foundation wall; aluminum tablet stamped "668 Adj." ²⁰ -----	669. 297
Taftsville, 2.9 mi. S. of, about 4 mi. NW. of Hartland Four Corners, 60 ft. E. of center line of rd., 40 ft. S. of schoolhouse, in rock; aluminum tablet stamped "954 Adj."-----	955. 244
Hartland Four Corners, 1.5 mi. W. of Hartland, at Universalist Church, in E. end of N. face of brickwork; aluminum tablet stamped "637 Adj."-----	636. 726
From West Hartford northwest along Central Vermont Railway into Strafford quadrangle (by K. E. Schlachter in 1915)	
West Hartford, 1.2 mi. NW. of, 25 ft. S. of Ry. track, in boulder; chiseled square-----	438. 92
West Hartford, 2.1 mi. NW. of, 90 ft. S. of farm rd. crossing, on E. margin of track, in boulder; chiseled square-----	452. 14
West Hartford, 3 mi. NW. of, 800 ft. N. of highway bridge over track, in E. side of culvert; standard tablet stamped "461"-----	461. 641

¹⁹ Mr. McNair's line, of third-order accuracy, follows the same route as the first-order line of Mr. Campbell, just described, and, like it, has been fitted to the first-order line of the U. S. Coast and Geodetic Survey along this route.

²⁰ A. F. McNair, in 1910, ran a double line west from this benchmark into Woodstock quadrangle.

HARDWICK QUADRANGLE

[Latitude 44°30'-44°45'; longitude 72°15'-72°30']

CALEDONIA, LAMOILLE, ORLEANS, AND WASHINGTON COUNTIES

From Hyde Park quadrangle northeast along Morrisville-Troy highway (State Highway 100) into Irasburg quadrangle (by F. L. Shalibo in 1922)

Eden Mills, 1.7 mi. NE. of, at N. end of Lake Eden, at foot of hill, 60 ft. N. of center line of highway, in pasture, in large boulder; standard tablet stamped "S 38 Vt 1922"-----	Feet 1, 249. 985
Reference mark, 45 ft. E. of tablet, 15 ft. W. of center line of highway, at S. end of gate in fence, in root 3 ft. S. of base of 24-in. elm tree; copper nail-----	1, 246. 56
Eden Mills, 2.8 mi. NE. of, 280 ft. NE. of wooden bridge, opposite sharp bend in rd., 30 ft. W. of center line of highway, on W. edge of creek, in ledge of rock; chiseled square-----	1, 314. 04
Eden Mills, 3.8 mi. NE. of, 4.6 mi. SW. of Lowell, 0.2 mi. NE. of Eden-Lowell town line, 100 ft. NE. of barn, 30 ft. E. of center line of highway, 10 ft. E. of fence line, in large boulder; chiseled square--	1, 283. 42

From Hyde Park quadrangle near Zack Woods Pond east and south along road to intersection of Morrisville-Hardwick highway, thence west and back into Hyde Park quadrangle (by R. G. Clinite in 1927)

Garfield, 2 mi. due E. of, about 0.8 mi. SE. of Mud Pond, 50 ft. S. and 12 ft. E. from junction of rd. E., 280 ft. NE. of church with cemetery opposite, in root of 10-in. maple tree; copper nail and washer-----	1, 220. 77
Garfield, 4 mi. by rd. SE. of, on E. side of rd., 400 ft. S. of red farmhouse, 25 ft. N. of forks of field rd. to W., just N. of summit of ridge, in root on NW. side of 38-in. maple tree; copper nail and washer--	1, 135. 48
Garfield, 5.4 mi. by rd. SE. of, on W. side of Morrisville-North Wolcott rd., 250 ft. S. and 20 ft. W. from junction of rd. N., on N. side of sharp turn in rd., in ledge about 5 ft. above rd.; standard tablet stamped "C 5 1927 760"-----	759. 940
Reference mark, 120 ft. SW. of tablet, on NW. side of rd., 120 ft. NE. of house, in root of 18-in. elm tree; copper nail and washer-----	765. 51
Wolcott, 2 mi. NW. of, 6 mi. E. of Morrisville, in E. angle of highway intersection, at W. end of concrete bridge over creek, on N. end of abutment; chiseled square-----	690. 77

From point 2 miles northwest of Wolcott southeast along highway near St. Johnsbury & Lake Champlain Railroad (State Highway 15) to Hardwick, thence east and northeast by way of Greensboro Bend into Lyndonville quadrangle (by M. C. McClellan in 1928)

Wolcott, 2 mi. by rd. NW. of, 6 mi. E. of Morrisville, 0.1 mi. N. of rd. forks, on hillside, below turn, on E. side of rd., in large buried rock flush with ground; chiseled square-----	708. 08
Wild Branch, under temporary bridge near mouth; surface of water at 1 p.m. May 7, 1928-----	681. 2
Wolcott, 0.4 mi. W. of, 140 ft. E. of crossroads, on N. side of rd., in root of 12-in. double maple tree; copper nail and washer-----	690. 06
Wolcott, 0.5 mi. E. of, at underpass, on W. end of S. abutment; chiseled square-----	697. 21
Wolcott, 0.8 mi. E. of, at W. end of settlement called Potterville, at SW. corner of abandoned store, in rock outcrop; standard tablet stamped "M 1 1928"-----	717. 475
Reference mark, 50 ft. S. of and across rd. from tablet, in rock outcrop; chiseled square-----	716. 13

	<i>Feet</i>
Wolcott, 1.8 mi. E. of, 4.5 mi. by rd. W. of Hardwick, 0.5 mi. W. of covered R. R. bridge, in SW. wing wall of concrete abutment of steel highway bridge; chiseled square.....	777. 74
Lamoille River, under above-mentioned highway bridge; surface of water at 2 p. m. May 9, 1928.....	766. 0
Hardwick, 3.8 mi. NW. of, at highway crossing of St. Johnsbury & Lake Champlain R. R., near covered bridge; top of E. rail.....	784. 7
Hardwick, 3 mi. NW. of, 300 ft. S. of junction of T-rd. E., 300 ft. SW. of farmhouse, 100 ft. W. of barn, on W. side of rd., 40 ft. E. of river bank, in root on E. side of 18-in. elm tree; copper nail and washer..	784. 44
Hardwick, 2 mi. NW. of, 300 ft. S. of junction of T-rd. W., at foot of hill, near point of curve SE., in E. abutment of culvert; chiseled square.....	785. 36
Hardwick, 1.8 mi. by rd. NW. of, 30 ft. S. of junction of two private rds. with main rd., at top of hill, in rock outcrop; standard tablet stamped "M 2 1928".....	805. 566
Reference mark, 10 ft. S. of tablet, in rock outcrop; chiseled square..	802. 92
Hardwick, 1 mi. NW. of, 40 ft. N. and 90 ft. E. of highway junction, in rock outcrop; chiseled square.....	796. 24
Hardwick, 1 mi. NW. of, 60 ft. E. of last-described B. M., in rock ledge on river bank; chiseled square.....	793. 26
Lamoille River, under temporary bridge; surface of water at 9:30 a. m. July 6, 1928.....	781. 7
Hardwick, 0.8 mi. N. of school, at public-highway crossing of St. Johnsbury & Lake Champlain R. R.; top of N. rail.....	802. 9
Hardwick, 0.5 mi. N. of school, at highway crossing of Hardwick & Woodbury R. R.; top of S. rail.....	804. 8
Hardwick, at N. corner of schoolyard, in top of corner post of retaining wall; chiseled square.....	847. 17
Hardwick, 20 ft. S. of village limits, about three-fourths way around curve in rd., 20 ft. E. of tangent, near W. side of and in large igneous-rock boulder; standard tablet stamped "M 15 1928".....	869. 527
Reference mark, 60 ft. S. of tablet, on E. side of rd., in root on W. side of 18-in. elm tree; copper nail and washer.....	863. 94
Hardwick, 2 mi. SE. of school, 400 ft. W. of covered R. R. bridge, 200 ft. E. of curve in rd., 50 ft. S. of track, 30 ft. N. of rd., in large boulder; chiseled square.....	949. 80
Hardwick, 3 mi. E. of, 80 ft. S. of junction of T-rd. W. to Hardwick by way of hills, 10 ft. E. of center line of main rd., in head wall of culvert; chiseled square.....	965. 44
Hardwick, 3 mi. E. of, across rd. from last-described B. M., in head wall of culvert; chiseled square.....	964. 93
East Hardwick, 0.2 mi. W. of, at top of hill, 20 ft. W. of center line of rd., in root on E. side of 30-in. maple tree; copper nail and washer..	1, 044. 22
Lamoille River, under covered bridge; surface of water at 4 p. m. July 9, 1928.....	1, 064. 2
East Hardwick, 0.8 mi. E. of, on State Highway 12, 100 ft. E. of R. R. crossing, 20 ft. S. of center line of rd., in root on W. side of 20-in. elm tree; copper nail and washer.....	1, 097. 87
East Hardwick, 1.2 mi. NE. of, at top of hill, 0.2 mi. NE. of R. R. crossing, 150 ft. NW. of rd., in large partly buried granite boulder on top of mound; standard tablet stamped "M 16 1928".....	1, 178. 523
Reference mark, 150 ft. SE. of tablet, 20 ft. W. of rd., 10 ft. E. of red gate, in root on W. side of 12-in. elm tree; copper nail and washer..	1, 169. 76

Greensboro Bend, 1 mi. SW. of, at top of low rise, 30 ft. SW. of dim rd. fork, 35 ft. SE. of main rd., on W. edge of large outcrop; standard tablet stamped "M 17 1928"-----	Feet 1, 150. 152
Reference mark, across rd. from tablet, in root on W. side of crotched pine tree; copper nail and washer-----	1, 169. 98
Greensboro Bend, 0.3 mi. S. of, 400 ft. NE. of rd. forks, at concrete highway bridge over Lamoille River, on S. end of E. abutment; chiseled square-----	1, 154. 12
Lamoille River, under above-mentioned highway bridge; surface of water at 2 p. m. July 11, 1928-----	1, 145. 2
Greensboro sta., on St. Johnsbury & Lake Champlain R. R.; top of N. rail-----	1, 162. 7
Greensboro Bend, at N. end of village, at N. end of lower step to church; chiseled square-----	1, 170. 85
East Branch, at point 0.7 mi. N. of Greensboro Bend, under temporary bridge; surface of water at 9 a. m. July 12, 1928-----	1, 174. 6
Greensboro Bend, 1.4 mi. N. of (at East Greensboro), 420 ft. N. of back rd. W. to Greensboro, 170 ft. N. of N. entrance to private rd. E. to house of R. A. Chaffee, 30 ft. W. of center line of State Highway 12, 8 ft. above rd. level, in rock outcrop; standard tablet stamped "M 18 1928" (revised description by E. C. Wood, July 19, 1934)-----	1, 227. 801
Reference mark, 100 ft. NE. of junction of private rd. S., 30 ft. SE. of main rd., in large black partly buried boulder (mark not described) -	1, 218. 16
From point on west shore of Hardwick Lake north along State Highway 128 and roads to point 2.8 miles northwest of Craftsbury, thence southwest along road near Wild Branch to Lamoille River (by M. C. McClellan in 1928)	
Hardwick, 2 mi. N. of, near upper end of Hardwick Lake, in farmyard, 20 ft. N. of lake shore, 60 ft. E. of rd., in root on W. side of 24-in. pine tree; copper nail and washer-----	800. 48
Hardwick, 2.8 mi. N. of, about 240 ft. W. of rd., in rear of farmhouse owned by J. E. Goodwin, in rock outcrop; standard tablet stamped "M 20 1928"-----	852. 900
Reference mark, 10 ft. NE. of tablet, on ledge; chiseled square-----	850. 35
Hardwick, 3.8 mi. N. of, at N. end of flat meadow, in W. head wall of concrete culvert; chiseled square-----	811. 95
Hardwick, 3.9 mi. N. of, 400 ft. N. of N. end of flat meadow, in W. wheel guard of concrete culvert; chiseled square-----	816. 89
Hardwick, 4.2 mi. N. of, 30 ft. SW. of junction of rd. NE., in root on W. side of double elm tree; copper nail and washer-----	826. 43
Hardwick, 4.8 mi. N. of, 5 mi. S. of Craftsbury, at low place and bend in rd., 20 ft. E. of tangent, in rock ledge about 2.5 ft. above rd. level; standard tablet stamped "M 21 1928"-----	833. 320
Craftsbury, 4.4 mi. S. of, at top of rise, 20 ft. W. of rd., in small clearing, in root on E. side of isolated birch tree; copper nail and washer -	883. 18
Eligo Pond, at S. end; surface of water at 12 m. July 21, 1928-----	881. 3
Craftsbury, 3.2 mi. S. of, on W. shore of Eligo Pond, 0.2 mi. N. of S. end of lake, 30 ft. W. of shore, on E. side of rd., in large boulder; chiseled square-----	896. 00
Eligo Pond, near middle of W. shore; surface of water at 2 p. m. July 21, 1928-----	881. 4
Craftsbury, 1.9 mi. S. of., 0.5 mi. S. of N. end of Eligo Pond, at top of low rise, on W. side of rd., in rock ledge; standard tablet stamped "M 22 1928"-----	895. 446

Reference mark, 760 ft. S. of tablet, across rd. from house with out-crop in yard, in root on E. side of 18-in. pine tree; copper nail and washer-----	<i>Feet</i> 899. 89
Black River, at source; surface of water at 11 a. m. July 23, 1928----	881. 3
Craftsbury, 0.8 mi. S. of, 100 ft. N. of brook crossing (bridge under construction), on top of bank on E. side of rd., in root on W. side of 30-in. hard-maple tree; iron spike, Vt. Hwy. Dept. B. M. 2-----	919. 81
Craftsbury, near S. end of village, in W. angle of junction of T-rd. SW., at E. end of large granite slab used as step; chiseled square--	908. 21
Craftsbury, 1 mi. W. of, at foot of hill, 0.2 mi. E. of junction of T-rd. E., 300 ft. E. of stream crossing, 30 ft. S. of rd., in large granite slab; standard tablet stamped "M 40 1928"-----	877. 283
Reference mark, 10 ft. W. of tablet, on peak-shaped boulder; chiseled square-----	877. 65
Craftsbury, 2 mi. by route taken NW. of, 0.7 mi. N. of junction of T-rd. E., about 0.4 mi. S. of junction of T-rd. W., in farmyard about 30 ft. W. of rd., in root on NE. side of 24-in. bull-poplar tree, 2 ft. from base of tree; copper nail and washer-----	944. 49
Craftsbury, 2.8 mi. NW. of, 600 ft. W. of junction of T-rd. W. to Eden, 20 ft. N. of rd., in top of massive boulder; chiseled square-----	976. 61
Craftsbury, 3 mi. NW., thence 0.4 mi. S. from, 4.1 mi. NE. of North Wolcott, 200 ft. S. of farmhouse, 20 ft. S. of red barn, on E. side of rd., in root of 20-in. elm tree; copper nail and washer-----	1, 068. 082
North Wolcott, 2.6 mi. NE. of, 4.5 mi. by route taken W. of Craftsbury, at new concrete bridge over Wild Branch, on N. side of rd., near W. end of bridge, in natural ledge; standard tablet stamped "M 4 1928"--	1, 012. 106
Reference mark, 20 ft. W. of tablet, in ledge; chiseled square-----	1, 011. 60
North Wolcott, 1.6 mi. NE. of, 400 ft. S. of prominent lone pine tree, on high bank, 200 ft. N. of curve, 50 ft. W. of rd., on NE. side of large boulder; chiseled square-----	957. 44
North Wolcott, 0.5 mi. NE. of, 850 ft. E. of school, 450 ft. W. of saw-mill, 50 ft. N. of rd., in top of partly buried boulder; standard tablet stamped "M 3 1928"-----	863. 440
Reference mark, 42 ft. E. of tablet, in ledge; chiseled square-----	862. 79
North Wolcott, 1.2 mi. S. of, 150 ft. E. of junction of T-rd. N., on S. side of rd., in root on S. side of 18-in. maple tree; copper nail and washer-----	774. 47
North Wolcott, 2.2 mi. S. of, at junction of private T-rd. W., on W. side of main rd., 20 ft. N. of private rd., on E. side of ledge; chiseled square-----	748. 08

From Lyndonville quadrangle near Baker Pond west along winding roads by way of Chamberlain Hill and Albany Center to Albany, thence southwest and northwest along Albany-Eden Mills road into Hyde Park quadrangle (by E. C. Wood in 1934)

[Line jogs into Irasburg quadrangle.]

Browns Bridge, near Barton, 4.0 mi. W. of, 14 ft. S. and 47 ft. W. from intersection of center lines of Irasburg-West Glover and Barton-East Albany rds., in top of small embedded bluestone boulder; chiseled square-----	1, 294. 02
Browns Bridge, near Barton, 5.5 mi. W. of, 0.5 mi. E. of Vance School, on S. side of Barton-East Albany rd. at junction of farm rd. SE., 24 ft. S. of center line of rd., in top of embedded bluestone boulder; chiseled square-----	1, 431. 22

	<i>Feet</i>
Vance School, 700 ft. W. of, at junction of T-rd. N., 16 ft. S. of center of rd. forks, in root on N. side of 12-in. basswood tree; copper nail and washer-----	1, 398. 98
Vance School, 0.7 mi. N. of, on W. side of rd. to Albany by way of Chamberlain Hill and Albany Center, 35 ft. W. of center line of rd., in SE. corner of hayfield of farm owned by W. J. Heath, in center of top of 10- by 10-ft. section of bluestone outcrop; standard tablet stamped "W 6 1934"-----	1, 230. 327
Reference mark, 100 ft. S. of tablet, on top of conical boulder 5 ft. E. of fence corner; chiseled square-----	1, 236. 05
Albany Center, 0.8 mi. NE. of, on Cochrane farm, 85 ft. S. of junction of T-rd. E., 33 ft. W. of center line of route rd., in top of 5- by 10-ft. granite boulder 5 ft. W. of fence line; standard tablet stamped "W 7 1934"-----	1, 247. 489
Reference mark, 130 ft. NE. of tablet, on S. side of T-rd. E., on top of embedded boulder; chiseled square-----	1, 252. 45
Albany Center, in triangle at crossroads, 65 ft. W. of center line of rd. to Craftsbury, 35 ft. S. of center line of East Albany-Albany rd., in top of conical granite rock; chiseled square-----	1, 268. 70
Albany Center, 0.7 mi. W. of, 1.2 mi. E. of Albany, 0.6 mi. E. of bridge over Black River, at bottom of steep hill to W. out of Albany Center, on top of S. head wall of granite culvert; chiseled square-----	1, 012. 27
Albany, 0.6 mi. E. of, at covered bridge over Black River, on S. end of E. abutment, on top of curbing; chiseled square-----	865. 22
Albany, at town hall and library, on stairs at entrance, in S. end of first step; standard tablet stamped "W 8 1934"-----	956. 221
Reference mark, 355 ft. S. of tablet, on W. side of street through Albany; NE. corner of sidewalk-----	949. 13
Albany, 1.2 mi. W. of, 100 ft. W. of Lowell Mountain rd. forks (junction of Albany-Lowell rd. and rd. SW. to Eden Mills), 15 ft. N. of center line of Eden Mills rd., in front yard of abandoned school, in top of bluestone boulder; chiseled square-----	1,411. 07
Albany, 2.0 mi. W. of, 30 ft. W. of bridge over small stream, 20 ft. S. of center line of Eden Mills rd., at end of stone pile along roadway, in top of large boulder; chiseled square-----	1, 519. 27
Albany, 3.5 mi. W. of, 75 ft. N. of center line of Eden Mills rd., 75 ft. W. of entrance to farmhouse owned by Louis Mason, in top of granite outcrop; standard tablet stamped "W 9 1934"-----	1, 651. 276
Reference mark, 615 ft. W. of tablet, 100 ft. W. of barn on S. side of rd., 40 ft. S. of rd., in top of boulder; chiseled square-----	1, 659. 90
Albany, 4.7 mi. SW. of, 35 ft. S. of center line of Eden Mills rd., 100 ft. W. of abandoned and tumble-down farmhouse, on small rock outcrop; chiseled square-----	1, 550. 03
Albany, 4.9 mi. SW. of, on opposite side of Eden Mills rd. from East Hill School of Eden, 45 ft. SE. of SE. corner of schoolhouse, 15 ft. S. of center line of rd., in top of prominent rock outcrop; chiseled square-----	1, 512. 76
Albany, 5.6 mi. SW. of, 0.3 mi. W. of large creek near rd. forks (Wild Branch), 0.2 mi. E. of farmhouse owned by G. L. Darling, 8 ft. S. of center line of Eden Mills rd., in top of bluestone boulder; chiseled square-----	1, 473. 66
Albany, 6.2 mi. SW. of, 0.4 mi. W. of farmhouse owned by G. L. Darling, 10 ft. N. of center line of Eden Mills rd., in top of boulder; chiseled square-----	1, 622. 71

Albany, 7.0 mi. SW. of, 3.2 mi. SE. of Eden Mills, 260 ft. N. of junction of Eden Mills-Craftsbury and Eden Mills-Albany rds., 25 ft. W. of center line of rd., in yard of H. R. Richardson, in top of embedded boulder; standard tablet stamped "W 10 1934"-----	<i>Feet</i> 1, 727. 262
Reference mark, 260 ft. S. of tablet, 8 ft. W. of center of rd. forks, in top of embedded boulder; chiseled square-----	1, 720. 29
Eden Mills, 2.8 mi. SE. of, 15 ft. N. of center line of Eden Mills-Craftsbury rd., in top of large boulder; chiseled square-----	1, 806. 85

From Craftsbury north along State Highway 12 B to sharp turn 0.8 mile north of Craftsbury Common, thence east and north along back roads to bridge over Black River near Albany (by E. C. Wood in 1934)

Craftsbury, in NW. angle of junction of Highway 12 B and rd. W. to Morrisville and Wolcott, 20 ft. W. of center line of highway, 23 ft. N. of center line of Wolcott rd., in top of embedded sandstone boulder; chiseled square-----	934. 75
Craftsbury, 0.8 mi. N. of, 0.6 mi. S. of Craftsbury Common, 25 ft. E. of center line of highway, opposite brown shingled house, in top of low rock outcrop; chiseled square-----	1, 203. 95
Craftsbury Common (formerly North Craftsbury), 19 ft. E. of center line of highway, on SW. corner of walk to public library; chiseled square-----	1, 243. 63
Craftsbury Common, 0.8 mi. N. of, in grassy triangle formed by rd. forks at sharp curve NW. in Highway 12 B, 25 ft. N. of center line of highway, 25 ft. W. of rd. N., in top of bluestone boulder; standard tablet stamped "W 11 1934"-----	1, 123. 569
Reference mark, 0.7 ft. SE. of tablet, 23 ft. E. of Highway 12 B, on center line of main rd. to Newport, in top of sandstone boulder; chiseled square-----	1, 127. 66
Mill Village, 0.3 mi. N. of, 75 ft. N. of Mill Village schoolhouse, 16 ft. W. of center line of rd., in top of boulder; chiseled square-----	1, 089. 54
Mill Village, 1.3 mi. N. of, 1.9 mi. S. of Cheney School, on W. side of rd., 125 ft. N. of abandoned farmhouse on opposite side of rd., on small shelf of rock outcrop; chiseled square-----	1, 197. 46
Cheney School, 1.1 mi. S. of, 2.2 mi. N. of Mill Village, 15 ft. E. of center line of rd., in top of embedded boulder; chiseled square-----	1, 233. 36
Cheney School, 3.2 mi. N. of Mill Village, 65 ft. W. of center line of rd., 12 ft. S. of schoolhouse, in large rock outcrop; standard tablet stamped "W 12 1934"-----	1, 239. 119
Reference mark, at door of schoolhouse, 6 in. from face of building, in NW. corner of granite step; chiseled square-----	1, 238. 90

From Greensboro Bend northwest along roads to Greensboro, thence generally north on back roads to point on Barton-East Albany road near Vance School (by E. C. Wood in 1934)

[Line jogs into Lyndonville quadrangle.]

Greensboro Bend, at concrete highway bridge over Lamoille River, at N. end of E. abutment, on top of wing wall; chiseled square-----	1, 160. 69
Greensboro Bend, 1.5 mi. NW. of, 1.1 mi. S. of Greensboro, at iron-railed bridge over small stream, on E. end of N. abutment; chiseled square-----	1, 222. 22
Greensboro, 0.2 mi. S. of, at mill pond, on top of W. head wall of concrete bridge over stream; chiseled square-----	1, 330. 62

	<i>Feet</i>
Greensboro, at high school, in concrete walk at main entrance, at flight of concrete steps leading up over terrace, in E. end of lowest step; standard tablet stamped "W 13 1934"-----	1, 419. 679
Reference mark, 280 ft. S. of tablet, on E. side of above-described concrete walk at its S. end, 2 ft. N. of drain, in walk; chiseled square....	1, 410. 00
Greensboro, 1.1 mi. NE. of, on Greensboro-Barton back rd., 555 ft. NE. of Stanley Brook crossing, 10 ft. S. of center line of rd., on high point of long, smooth boulder; chiseled square-----	1, 427. 98
Greensboro, 2.3 mi. NE. of, 10 ft. N. of center line of Greensboro-Barton back rd., in yard of abandoned Lumsden School, in top of large granite boulder; chiseled square-----	1, 624. 98
Greensboro, 3 mi. NE. of, 0.7 mi. E. of abandoned Lumsden School, in NE. angle of intersection of Greensboro-Barton back rd. and NW.-SE. rd., 25 ft. N. and 18 ft. E. from center of crossroads, in top of large white boulder; chiseled square-----	1, 609. 66
Greensboro, 4.3 mi. NE. of, 0.7 mi. S. of Speir School, 120 ft. E. of Greensboro-West Glover back rd., on property of Carl Philbrooks, in top of 12- by 18-ft. granite boulder at point 6 ft. above ground measured on S. face of rock; standard tablet stamped "W 14 1934" -	1, 662. 735
Reference mark, 150 ft. W. of tablet, 30 ft. W. of center line of rd., on top of large boulder; chiseled square-----	1, 660. 15
Speir School, 600 ft. N. of, 5.1 mi. NE. of Greensboro, 10 ft. W. of center line of main rd. at rd. forks, in top of large embedded boulder; chiseled square-----	1, 759. 26
Speir School, 1.1 mi. N. of, 0.3 mi. S. of T-rd. forks, 11 ft. W. of center line of rd., in top of round embedded boulder at S. end of pile of loose rocks; chiseled square-----	1, 804. 14
Speir School, 2 mi. by rd. N. of, 1.1 mi. S. of crossroads, on farm of Dorea Bessette, 200 ft. N. of abandoned barn, 15 ft. W. of center line of rd., in top of small boulder; chiseled square-----	1, 792. 54
Speir School, 3.2 mi. by route taken N. of, about 0.4 mi. E. of Mud Island School, 225 ft. NE. of crossroads, in yard of farmhouse of Dorea Bessette, 10 ft. N. of center line of rd., in top of embedded blue boulder; standard tablet stamped "W 15 1934"-----	1, 809. 041
Reference mark, 200 ft. W. of tablet, in same farmyard, in top of large boulder 10 ft. W. of spring; chiseled square-----	1, 802. 00
Speir School, 4.2 mi. N. of, 1 mi. N. of crossroads, 0.6 mi. S. of Daniels Pond outlet, 0.5 mi. S. of junction of rd. to Shadow Lake, on farm of Dorea Bessette, 10 ft. N. of center line of rd., in top of embedded boulder at fence of milking pen; chiseled square-----	1, 740. 17
Daniels Pond outlet, 0.6 mi. N. of, 645 ft. E. of junction of T-rd. N., 25 ft. N. of center line of rd., 25 ft. E. of small stream crossing, in top of large boulder; chiseled square-----	1, 658. 65
Daniels Pond outlet, 1.4 mi. N. of, about 1 mi. SW. of rd. forks near Beech School, 50 ft. E. of center line of rd., in pasture of farm owned by Omer Prontau, in top of large bluestone outcrop; chiseled square-----	1, 874. 26
Daniels Pond outlet, 3.7 mi. N. of, 1.1 mi. NW. of junction of West Glover-South Albany rd. with back rd., 10 ft. E. of rd. at sharp turn E., 35 ft. E. of bar gate to pasture, in top of embedded boulder; chiseled square-----	1, 797. 18
Daniels Pond outlet, 4.6 mi. NW. of, 2.2 mi. SW. of West Glover, 35 ft. W. of intersection of center lines of rds., in SW. angle of intersection, in top of large embedded boulder; chiseled square----	1, 560. 74

West Glover; 1.8 mi. NW. of, 1.7 mi. SE. of Vance School, 30 ft. N. of center line of West Glover-Albany rd., in yard of farmhouse of Arthur Diette, in top of embedded boulder; chiseled square----- 1,562. 66

HYDE PARK QUADRANGLE

[Latitude 44°30'-44°45'; longitude 72°30'-72°45']

LAMOILLE COUNTY

From Montpelier quadrangle near Little Elmore Pond north and west along roads to Morrisville, thence southwest along La Porte road (State Highway 100) and back into Montpelier quadrangle (first part of line—to School No. 6—by R. G. Clinite in 1927; remainder by H. P. Kilby in 1919)

Elmore, 2.7 mi. S. of, 10.8 mi. N. of Worcester, 20 ft. W. of Montpelier-Morrisville rd., opposite T-rd. E., on point of ledge, 4 in. above ground; chiseled circle-----	Feet 1,353. 85
Elmore, 2.0 mi. S. of, 60 ft. N. and 40 ft. E. from junction of rd. E. marked by sign "East Elmore 4 miles", in orchard, in root on W. side of 16-in. forked apple tree; copper nail and washer-----	1,250. 66
Elmore, 1.6 mi. S. of, 150 ft. N. of junction of rd. E., on E. side of rd., on ledge; chiseled square-----	1,266. 81
Elmore, 55 ft. S. and 25 ft. E. from junction of Montpelier-Morrisville rd. and rd. E., at SW. corner of lawn of corner house, in 12- by 16-in. concrete block at point 10 in. above ground; standard tablet stamped "Vt 1145 1919" (reset)-----	1,145. 143
Reference mark 1, 45 ft. N. of tablet, at NW. corner of above-mentioned lawn; top of granite corner stone-----	1,145. 07
Reference mark 2, 340 ft. N. of tablet, 180 ft. NE. of Elmore Pond Brook, 180 ft. S. of entrance to church, on S. side of stream, in top of large boulder; chiseled square-----	1,140. 75
Elmore Pond; surface of water at 2:45 p. m. June 11, 1927-----	1,139. 4
Elmore, 1.1 mi. N. of, at Morristown-Elmore town line, in N. angle of junction of rd. NE., on top of stone; chiseled square (found under pile of tanbark)-----	1,164. 49
Morrisville, 2.2 mi. SE. of, at junction of T-rd. S., directly opposite and 70 ft. S. of School No. 6, 10 ft. S. of Montpelier-Morrisville rd., on top of rock; chiseled square-----	1,106. 41
Morrisville, 1.4 mi. SE. of monument square, at junction of T-rd. SW., in culvert under rd., on top of rock; chiseled square-----	865. 70
Morrisville, at monument square, 20 ft. E. of monument, on top of concrete base of cannon; standard tablet stamped "681 1919"-----	681. 457
Morrisville, 2.8 mi. S. of, at farm of W. L. Durgan, 200 ft. S. of barn, 30 ft. E. of rd., in shelf of ledge; standard tablet stamped "Vt 740 1919"-----	740. 423
Morrisville, 4.3 mi. S. of, 4.4 mi. NE. of Stowe, 0.6 mi. S. of South La Porte School, 100 ft. N. of junction of La Porte rd. and second-class T-rd. W., 20 ft. E. of rd., on fence line, on top of rock; chiseled square-----	766. 28

From Jay Peak quadrangle southwest along road north of North Branch of Lamoille River to point 0.6 mile north of Belvidere Junction, thence north along road east of Streeter Brook and back into Jay Peak quadrangle (by F. L. Shalibo in 1922)

Belvidere Center, 1.4 mi. W. of, 100 ft. W. of barn on edge of highway, 25 ft. N. of center line of highway, on 12- by 18-ft. boulder protruding 10 ft. above ground; chiseled square----- 798. 43

Belvidere Center, 2.4 mi. W. of, about 1 mi. by direct rd. NE. of Belvidere Junction, 660 ft. N. of rd. forks, at NW. corner of wooden bridge over North Branch of Lamoille River, in coping stone of abutment; chiseled square-----	<i>Feet</i> 747. 70
Belvidere Junction, 0.6 mi. due N. of, 3.0 mi. SW. of Belvidere Center, opposite junction of T-rd. N., at Belvidere Lumber Co.'s mill, 15 ft. S. of rd., 30 ft. E. of carriage shed, 30 ft. W. of barn, on river bank, in N. edge of rock ledge; standard tablet stamped "762 S 8 Vt 1922"-----	762. 036
Reference mark, 17 ft. SE. of tablet, on top of rock ledge; chiseled square-----	762. 96
From Jay Peak quadrangle southeast along East Berkshire-Eden road (State Highway 118) to Eden, thence northeast along Hyde Park-Lowell road (State Highway 100) into Hardwick quadrangle (by F. L. Shalibo in 1922)	
Eden, 3.0 mi. NW. of, opposite N. end of triangle at three corners, 10 ft. E. of center line of State Highway 118, in fence line, on large boulder; chiseled square-----	1, 314. 10
Eden, 2.2 mi. NW. of, in SE. corner of triangle at three corners, in root on E. side of 36-in. elm tree; copper nail-----	1, 205. 63
Eden Corners, 0.7 mi. NW. of Eden, 150 ft. NW. of crossroads, at SE. corner of Eden Corners School, on concrete step; chiseled square--	1, 141. 38
Eden, 1,060 ft. NE. of Eden Church triangulation sta., 1.1 mi. SW. of Eden Mills, 110 ft. SE. of center line of State Highway 100, in 8- by 10-ft. boulder at point 3 ft. above ground; standard tablet stamped "1111 S 37 Vt 1922"-----	1, 111. 336
Reference mark, 140 ft. W. of tablet, 30 ft. SE. of center line of highway, in large rock; chiseled square-----	1, 114. 08
Eden Mills, at SW. corner of Mount Morris Hotel, on foundation stone of porch; chiseled square-----	1,198. 56
Eden Mills, 0.8 mi. NE. of, opposite farmhouse, 0.2 mi. NE. of junction of T-rd. leading to Lake Eden, 15 ft. SE. of center line of highway, in root on N. side of pine tree; copper nail-----	1,262. 81
From Mount Mansfield quadrangle southeast along road near St. Johnsbury & Lake Champlain Railroad (State Highway 15) to Morrisville (by E. E. Harris in 1924)	
Johnson, 3.8 mi. W. of, 5.3 mi. E. of Jeffersonville, in SE. corner of R. R. crossing of State Highway 15, in concrete foundation of warning signal; bottom of chiseled hole-----	467. 31
Johnson, 2.4 mi. W. of, 300 ft. E. of covered bridge, 250 ft. E. of Long Trail, on N. bank of highway, opposite dwelling, in top of prominent slate outcrop; standard tablet stamped "1924 H 54 505"-----	505. 808
Reference mark, 100 ft. S. 40° E. of tablet, in top of stump; copper nail and washer-----	506. 92
Johnson, 0.7 mi. W. of town hall, at W. village limits, on N. side of highway, in top of concrete culvert; chiseled square-----	504. 54
Johnson, at entrance to town hall, in W. end of third step up from ground; standard tablet stamped "1924 H 55 516"-----	516. 404
Reference mark, 120 ft. N. 45° E. of tablet, at entrance to church, in S. end of W. retaining wall; chiseled square-----	510. 84
Johnson, 1.1 mi. SE. of town hall, on N. edge of highway, in bottom, in root on E. side of forked elm tree; copper nail and washer-----	578. 38
Johnson, 1.8 mi. E. of, on W. edge of rd., at top of grade, 40 ft. N. of junction of highway and rd. E., in root on N. side of 24-in. elm tree; copper nail and washer-----	609. 42

Johnson, 2.5 mi. SE. of, 2.2 mi. NW. of Hyde Park, 500 ft. E. of abandoned school, 300 ft. W. of dwelling, 50 ft. N. of highway, in top of prominent ledge; standard tablet stamped "1924 H 56 548"	<i>Feet</i> 548. 791
Reference mark, 33 ft. N. of tablet, in N. end of above-mentioned ledge; chiseled square	545. 63
Hyde Park, 1.2 mi. NW. of, on S. side of highway, in top of wall of culvert; chiseled square	535. 29
Hyde Park, 0.5 mi. NW. of courthouse, on N. side of highway, on E. side of small hollow, in root on N. side of 20-in. maple tree; copper nail and washer	607. 67
Hyde Park, in courthouse grounds, in NE. corner of concrete base of cannon; standard tablet stamped "1924 H 57 671"	671. 165
Reference mark, 99 ft. S. 60° E. of tablet, in root on S. side of 15-in. maple tree; copper nail and washer	670. 00
Hyde Park, in schoolyard, about 130 ft. W. of front entrance to school, in W. side of large concrete block; standard tablet stamped "1924 H 58 663"	663. 584
Reference mark, 126 ft. N. 60° E. of tablet, in root on W. side of 18-in. elm tree; copper nail and washer	670. 21
Hyde Park, 1.3 mi. SE. of courthouse, 2.0 mi. N. of Morrisville, on E. edge of rd., 3 ft. E. of fence line, 60 ft. N. of brook, in root on W. side of 18-in. elm tree; copper nail and washer	635. 05
Morrisville, 1.4 mi. N. of monument square, in SE. corner of jog in crossroads, in root on W. side of 30-in. maple tree; copper nail and washer	725. 45

From Hyde Park north and northeast along State Highway 100 to Eden (by R. G. Clinite in 1927)

Hyde Park, 1.3 mi. NE. of courthouse, 60 ft. E. of junction of highway and rd. S., on E. side of rd. S., 220 ft. SE. of house, in root of 18-in. elm tree; copper nail and washer	895. 39
Hyde Park, 2.3 mi. NE. of, 20 ft. E. of Felcher Corner (junction of highway and rd. NE.), on fence line, in root of 18-in. sugar-maple tree; copper nail and washer	875. 26
Hyde Park, 3.0 mi. NE. of, 2.9 mi. S. of North Hyde Park, 50 ft. E. and 50 ft. S. from junction of rd. E., 380 ft. N. of red schoolhouse (Wiswell School), in meadow, in rock in place; standard tablet stamped "C 1 1927 889"	889. 044
Reference mark, 450 ft. S. of tablet, 90 ft. SW. of red schoolhouse, 25 ft. E. of rd. forks NW., on E. side of highway, in root of 15-in. elm tree; spike	905. 89
North Hyde Park, 1.7 mi. S. of post office, 150 ft. N. of junction of rd. W., 100 ft. N. of house, on W. side of highway, on top of large boulder; chiseled square	865. 90
North Hyde Park, 0.7 mi. SW. of post office, opposite junction of highway and rd. SW.; high point on rock	883. 3
North Hyde Park, at S. limits of, 140 ft. SW. of junction of highways to Johnson and Hyde Park (State Highways 100 and 119), at iron bridge over Gihon River, at SE. end of NE. concrete abutment, on bridge seat; chiseled square	837. 74
North Hyde Park, 350 ft. N. of post office, in NE. concrete wing wall of covered bridge; standard tablet stamped "C 2 1927 851"	851. 067

Reference mark, 320 ft. S. and 50 ft. E. from tablet, in SE. angle of rd. forks, on N. side of yellow house, 100 ft. E. and 40 ft. N. from post office, in root on W. side of 18-in. maple tree; spike-----	862. 98
North Hyde Park mill pond; surface of water at 1 p. m. June 1, 1927--	849. 7
North Hyde Park, 0.9 mi. N. of post office, at Eden-Hyde Park town line, in S. point of triangle at rd. forks (junction of State Highway 100 and rd. W.), in root on SE. side of 14-in. maple tree; copper nail and washer-----	937. 14
North Hyde Park, 2.0 mi. NE. of, 1.7 mi. SW. of Eden, on NW. side of highway, at W. corner of iron bridge SW. of sawmill, on concrete retaining wall; chiseled square-----	894. 66
Eden, 1.0 mi. SW. of, 90 ft. W. of junction of State Highway 100 and rd. NW., on NW. side of highway, at SW. end of gate, in top of boulder; standard tablet stamped "C 3 1927 943"-----	942. 860
Reference mark, 20 ft. N. and 160 ft. E. from tablet, in root of lone elm tree; copper nail and washer-----	944. 12
Eden, 0.8 mi. SW. of junction of State Highways 100 and 118, in triangle at junction of State Highway 100 and rd. SE.; top of rock--	946. 1
Eden, about 0.8 mi. SW. of, at junction of State Highway 100 and rd. N., at NE. end of drain; top of rock-----	961. 0
From Morrisville east along State Highway 15 (Hyde Park-Hardwick rd.) 2 miles, thence northeast along road by way of Garfield into Hardwick quadrangle (by R. G. Clinite in 1927)	
Morrisville, 1.1 mi. E. of monument square, on S. side of State Highway 15, 70 ft. SE. of gate to private rd. across R. R., in root of double pine tree; copper nail and washer-----	660. 57
Morrisville, 1.5 mi. E. of, 150 ft. W. of covered bridge, between R. R. track and highway, 70 ft. NW. of crossing, 30 ft. N. and 10 ft. E. from junction of rd. S., in top of large boulder; standard tablet stamped "C 6 1927 666"-----	666. 700
Reference mark, 70 ft. S. and 80 ft. E. from tablet, in S. angle of highway crossing, between R. R. and rd. S. to Elmore, on large boulder; chiseled cross-----	665. 91
Morrisville, 1.9 mi. E. of, 35 ft. N. and 20 ft. E. from junction of State Highway 15 and rd. N. to Garfield, in root of 10-in. locust tree; copper nail and washer-----	673. 98
Morrisville, 2.6 mi. NE. of, 2.4 mi. SW. of Garfield, at bridge over Rodman Brook, at NE. corner of bridge, on concrete wing wall; chiseled square-----	755. 41
Garfield, 1.3 mi. S. of, in NW. angle of crossroads, 100 ft. W. of intersection, in root on N. side of 22-in. maple tree; copper nail and washer-----	1, 112. 33
Garfield, 20 ft. N. and 40 ft. E. from covered bridge, in NE. angle of rd. forks, in top of large boulder; standard tablet stamped "C 4 1927 1090"-----	1, 090. 201
Reference mark, 120 ft. N. of tablet, on angle of concrete dam at E. end of spillway; chiseled cross-----	1, 103. 38
Mud Pond; surface of water at 2:50 p. m. June 7, 1927-----	1, 101. 4
Garfield, 1.4 mi. E. of, on SE. side of rd., 500 ft. NE. of creek (outlet of Mud Pond), on S. slope of hill, on fence line, in N. one of two maple trees; copper nail and washer-----	1, 184. 29
Garfield, 1.7 mi. NE. of, in S. angle of rd. forks E. to Mud Pond, 250 ft. W. of house, in root of 20-in. sugar-maple tree; copper nail and washer-----	1, 245. 08

From Hardwick quadrangle west along road skirting Lamoille River (State Highway 15) to point about 2 miles east of Morrisville (by R. G. Clinite in 1927)

Morrisville, 4.6 mi. E. of, near base of N. slope of hill, 500 ft. NW. (downstream) from covered R. R. bridge over Jones Brook, 25 ft. S. of center line of State Highway 15, in root on NE. side of 38-in. elm tree; copper nail and washer.....	Feet 676. 46
Morrisville, 2.9 mi. E. of, 300 ft. SE. of house, 20 ft. N. of highway, in fence corner, in root of double pine tree; copper nail and washer.....	672. 46

From Hardwick quadrangle at point south of Lake Eden northwest along road to Eden Mills, thence southwest along State Highway 100 to Eden (by E. C. Wood in 1934)

Eden Mills, 1.6 mi. SE. of, on rd. to Craftsbury 1.6 mi. NW. of its junction with rd. NE. to Albany, at crest of ridge overlooking Lake Eden, 25 ft. W. of center line of rd., on sloping rock outcrop; chiseled square.....	1, 656. 60
Eden Mills, 0.6 mi. E. of highway bridge, on W. side of rd., opposite barn of E. Richards, on sloping outcrop; chiseled square.....	1, 283. 94
Eden Mills, in town of, on N. end of W. abutment of new concrete bridge on State Highway 100; chiseled square.....	1, 187. 71

From North Hyde Park southwest along roads by way of Christy School to Richardsons Corner, thence northwest along roads to Belvidere Junction (by R. G. Clinite in 1927)

Richardsons Corner, 2.1 mi. N. of Johnson, 120 ft. E. of rd. forks, on N. side of rd., on ledge; chiseled square.....	1, 072. 74
Richardsons Corner, 0.3 mi. N. of, in SW. angle of rd. forks, in root of 14-in. birch tree; copper nail.....	1, 000. 29 ⁹
Davis Neighborhood School, 1.5 mi. NW. of, in gap 180 ft. W. of house, on N. side of rd., on ledge; chiseled square.....	1, 489. 70 ¹
Davis Neighborhood School, 1.7 mi. NW. of, 4.4 mi. by route taken SE. of Belvidere Junction, at summit of road through gap in ridge; center line of rd.....	1, 529. 0 ¹
Belvidere Junction, 0.4 mi. E. of, 340 ft. E. of junction of woods rd. fork S., 100 ft. E. of house, on S. side of rd., in root of large tamarack tree; copper nail.....	812. 51

INDIAN STREAM QUADRANGLE ¹¹

[Latitude 45°-45°15'; ¹² longitude 71°15'-71°30']

ESSEX COUNTY

From Vermont-New Hampshire State line south and west along Pittsburg-Beecher Falls road into Averill quadrangle (by H. P. Kilby in 1925 and C. E. Reick in 1927)

Beecher Falls, 2.1 mi. NE. of rd. forks at, 180 ft. NE. of house, 30 ft. N. of highway, in top of boulder; chiseled square.....	1, 139. 36
Beecher Falls, 1.0 mi. E. of rd. forks at, 200 ft. NE. of white house, on N. side of rd., on curve, opposite S. end of guard rail, in face of ledge; chiseled square.....	1, 105. 72

¹¹ Most of this quadrangle lies in New Hampshire; the Vermont portion consists of a small area near Beecher Falls.

¹² A narrow area lying just north of latitude 45°15', given as the northern limit of this quadrangle, has been included on the map for convenience. This area extends north to the United States-Canada boundary. The greater part of the area lying north of latitude 45°5' and west of longitude 71°25' is in Canada.

IRASBURG QUADRANGLE

[Latitude 44°45'-45°; " longitude 72°15'-72°30']

ORLEANS COUNTY

From Hardwick quadrangle near Eden Notch north along roads by way of
Troy to North Troy (by F. L. Shalibo in 1922)

Lowell, 3.4 mi. S. of, 5.1 mi. NE. of Eden Mills, at top of hill, 110 ft. E. of center line of main rd., 50 ft. S. of second-class rd. E., in 10- by 12-ft. boulder; standard tablet stamped "S 39 Vt 1922"-----	Feet 1, 136. 146
Reference mark, 35 ft. W. of tablet, 25 ft. E. of rd. forks, 90 ft. S. of fence line, in long boulder; chiseled square-----	1, 132. 00
Lowell, 2.7 mi. S. of, 150 ft. S. of junction of State Highway 100 and T-rd. W., 50 ft. W. of center line of highway, in ledge of rock flush with ground; chiseled square-----	1, 035. 11
Lowell, 1.3 mi. S. of, 100 ft. S. of farmhouse of A. P. Finnegan, 70 ft. W. of center line of highway, on high point of ledge of rock; chiseled square-----	961. 91
Lowell, 530 ft. N. of crossroads, at entrance to Congregational Church, in center of W. edge of concrete step; standard tablet stamped "S 40 Vt 1922"-----	996. 197
Reference mark, 20 ft. N. of tablet, on same concrete step; chiseled square-----	996. 12
Lowell, 1.0 mi. N. of Congregational Church, 40 ft. S. of junction of T-rd. W., 20 ft. E. of center line of highway, in root on W. side of tree at S. end of row of maple trees; copper nail-----	964. 10
Lowell, 1.6 mi. N. of, 50 ft. S. of junction of T-rd. E., on E. end of stone culvert over small stream; chiseled square-----	797. 36
Lowell, 2.3 mi. N. of, 4.2 mi. S. of Westfield, 100 ft. S. of sharp bend in highway, 400 ft. N. of concrete culvert, on W. side of highway, in fence line, in top of large boulder: chiseled square-----	799. 18
Westfield, 3.0 mi. S. of, 0.2 mi. S. of junction of T-rd. E., 220 ft. W. of center line of highway, on edge of small swamp, in large boulder; standard tablet stamped "S 41 Vt 1922"-----	819. 197
Reference mark, 1 ft. S. of tablet, on same boulder; chiseled square--	819. 42
Westfield, 1.7 mi. S. of, 35 ft. S. of junction of second-class T-rd. E., opposite S. end of white farmhouse, 20 ft. E. of center line of highway, in root on E. side of 20-in. maple tree; copper nail-----	817. 11
Westfield, 0.8 mi. S. of, 100 ft. S. of junction of T-rd. E., 30 ft. E. of center line of highway, in root on N. side of middle one of three elm trees; copper nail-----	797. 92
Westfield, at side entrance to public-school building, in N. end of top concrete step; standard tablet stamped "S 42 Vt 1922"-----	825. 446
Reference mark, on opposite side of rd. from tablet, at side entrance to house, 4 ft. N. of driveway to garage, in root of elm tree; copper nail-----	820. 70
Westfield, 0.6 mi. NE. of, 0.9 mi. SW. of Troy, 150 ft. SW. of junction of T-rd. S., on W. side of drain from barn, 15 ft. N. of center line of highway, in root on S. side of maple tree; copper nail-----	771. 17
Troy, at NW. corner of Brock's cash store, in NW. corner of concrete base of gasoline pump; chiseled square-----	763. 97
Troy, 0.6 mi. N. of, at junction of Troy-North Troy highway and T-rd. E., 70 ft. E. of center line of highway, 40 ft. S. of T-rd. E., 45 ft. W. of house, in top of large boulder; chiseled square-----	834. 60

" A narrow strip of territory lying just north of latitude 45°, given as the northern limit of this quadrangle has been included on the map for convenience. This strip extends to the United States-Canada boundary.

Troy, 1.1 mi. N. of, about 700 ft. N. of top of hill, 60 ft. E. of center line of highway, in 7- by 12-ft. boulder; standard tablet stamped "S 43 Vt 1922"-----	Feet 843. 664
Reference mark, 50 ft. SW. of tablet, 50 ft. E. of center line of highway, in 3- by 4-ft. boulder; chiseled square-----	845. 16
Troy, 2.0 mi. N. of, 320 ft. S. of farmhouse, 60 ft. W. of center line of highway, in 4- by 7-ft. boulder; chiseled square-----	842. 04
Troy, 2.9 mi. N. of, 4.0 mi. S. of North Troy, 90 ft. N. of white farmhouse, 40 ft. E. of center line of highway, in large boulder; chiseled square-----	805. 29
North Troy, 2.7 mi. S. of, 100 ft. S. of concrete bridge over Jay Branch, about 430 ft. S. of crossroads, 40 ft. S. of power house, 45 ft. E. of center line of highway, in ledge of rock; standard tablet stamped "S 44 Vt 1922"-----	760. 480
Reference mark, 45 ft. SW. of tablet, 20 ft. E. of center line of highway, in ledge of rock; chiseled square-----	761. 04
North Troy, 1.8 mi. S. of, 300 ft. N. of farmhouse, 30 ft. W. of center line of rd., on N. side of drain, in large boulder; chiseled square---	842. 63
North Troy, 1.2 mi. by rd. S. of R. R. sta., 40 ft. E. of junction of T-rd. SE., in fence line, in large boulder; chiseled square-----	763. 16
U. S. C. & G. S. standard disk stamped "H 2"-----	605. 176

From Lowell east along roads to point 1.3 miles northwest of Irasburg, thence northeast along Irasburg-Newport road into Memphremagog quadrangle (by F. L. Shalibo in 1922)

Lowell, 0.5 mi. E. of, 100 ft. S. of rd. forks, 15 ft. W. of center line of rd., at fence corner, in boulder; chiseled square-----	1, 034. 93
Lowell, 1.7 mi. by rd. E. of, about 0.8 mi. S. of Le Clair School, in SW. corner of junction of route rd. and T-rd. SE., 3 ft. E. of telephone pole, on small boulder; chiseled square-----	1, 323. 45
Lowell, 2.8 mi. E. of, about 0.5 mi. NE. of Le Clair School, 50 ft. W. of junction of T-rd. N., 30 ft. S. of center line of rd., in large boulder; standard tablet stamped "S 45 Vt 1922"-----	1, 388. 627
Reference mark, 3 ft. W. of tablet, on same rock; chiseled square-----	1, 388. 23
Lowell, 4.1 mi. E. of, 3.1 mi. W. of Brighton School, 60 ft. E. of crossing of Spring Brook, 100 ft. W. of house, 15 ft. S. of center line of rd., in large boulder; chiseled square-----	1, 357. 79
Brighton School, 2.0 mi. W. of, about 0.1 mi. W. of Lowell-Irasburg town line, near top of mountain, 60 ft. N. of junction of T-rd. N., 20 ft. E. of center line of T-rd., in front of sugarhouse, in large boulder; chiseled square-----	1, 590. 78
Brighton School, 1.1 mi. W. of, about 0.8 mi. E. of Irasburg-Lowell town line, 0.2 mi. W. of farmhouse, 25 ft. N. of center line of rd., at W. end of field gate, in 10- by 12-ft. boulder; standard tablet stamped "S 46 Vt 1922"-----	1, 391. 170
Brighton School, 2.9 mi. by rd. NW. of Irasburg, about 0.4 mi. W. of Stony Hill, opposite T-rd. N., 60 ft. E. of school building, 50 ft. S. of center line of rd., in large boulder; chiseled square-----	900. 76
Irasburg, 1.3 mi. along Irasburg-Newport highway NW. of, 4.1 mi. SW. of Coventry, 580 ft. SE. of four corners, at front entrance of Brewster residence, on SE. corner of stone doorstep; standard tablet stamped "S 47 Vt 1922"-----	894. 658
Reference mark, 140 ft. W. of tablet, 25 ft. N. of center line of highway, at W. driveway to house, in root on S. side of 20-in. elm tree; copper nail-----	894. 73

Irasburg, 1.3 mi. NW., thence 0.9 mi. NE. from, 3.2 mi. SW. of Coventry, 60 ft. W. of junction of T-rd. N., 15 ft. S. of center line of Irasburg-Newport highway, in large boulder; chiseled square-----	<i>Feet</i> 923. 66
Coventry, 2.1 mi. SW. of, 40 ft. N. of junction of T-rd. W., on top of S. end of W. wall of concrete culvert; chiseled square-----	787. 36
Coventry, 1.2 mi. SW. of, at NW. corner of bridge over Black River, on stone abutment; chiseled square-----	732. 61
Coventry, at entrance to public school, on N. end of top concrete step; standard tablet stamped "S 48 Vt 1922"-----	717. 917
Reference mark, 20 ft. E. of tablet, at same entrance, on SE. corner of second concrete step; chiseled square-----	711. 08
Coventry, 1.1 mi. NE. of, 5.1 mi. SW. of Newport, 60 ft. S. of junction of T-rd. E., 15 ft. E. of center line of highway, in fence line, on large boulder; chiseled square-----	690. 09

From Memphremagog quadrangle west along Orleans-Irasburg highway to point near Irasburg (by H. P. Kilby in 1923)

Irasburg, about 1.5 mi. E. of, 2.6 mi. W. of Orleans, at rd. forks, in top of rock at E. edge of rd.; chiseled square-----	1, 046. 52
Irasburg, near, at S. end of second covered bridge over Black River, on N. side of rd., in top of boulder; standard tablet stamped "1923 K 11"-----	814. 666

Near Lords Creek and Chamberlain Hill—a jog from Hardwick quadrangle (by E. C. Wood in 1934)

Vance School, 1.7 mi. N. of, in NE. angle of intersection of The Creek rd. and rd. from Vance School, 25 ft. N. and 43 ft. E. from intersection, in top of sandstone boulder; chiseled square-----	951. 25
Vance School, 2.7 mi. NW. of, 2.9 mi. NE. of Albany Center, SW. of Chamberlain Hill, in triangle at junction of T-rd. at farm of Jos. Allard, in top of embedded boulder; chiseled square-----	1, 230. 34
Albany Center, 1.7 mi. NE. of, on rd. to Chamberlain Hill, at top of hill known locally as "height of land", 25 ft. W. of center line of rd., in top of embedded boulder; chiseled square-----	1, 507. 92

ISLAND POND QUADRANGLE

[Latitude 44°45'-45°; " longitude 71°45'-72°]

CALEDONIA, ESSEX, AND ORLEANS COUNTIES

From Memphremagog quadrangle east along roads south of Clyde River to Island Pond, thence southeast along Grand Trunk Railroad into Averill quadrangle (by E. E. Harris in 1924; leveled twice)

East Charleston, about 1 mi. by direct rd. S. of, 1.4 mi. NW. of Buck School, 1.6 mi. E. of Charleston Center School, on S. side of rd., 100 ft. E. of T-rd. N. to East Charleston, on top of stone culvert; chiseled square-----	1, 170. 24
Buck School, 1.0 mi. NW. of, 100 ft. E. of farmhouse, on S. side of rd., at concrete culvert, in center of top of parapet wall; standard tablet stamped "1924 H 14"-----	1, 173. 345
Reference mark, 22 ft. from tablet, in top of same parapet wall; chiseled square-----	1, 173. 44
Buck School, 300 ft. E. of, on N. side of rd. and in line with rd. S. to Lake Willoughby, on top of rock ledge; chiseled square-----	1, 195. 15

* A narrow strip of territory lying just north of latitude 45°, given as the northern limit of this quadrangle, has been included on the map for convenience. This strip extends to the United States-Canada boundary.

Buck School, 1.1 mi. E. of, 1.0 mi. NW. of Bemis School, 0.9 mi. E. of junction of State Highway 105 and rd. W. to Buck School, about 0.2 mi. W. of Orleans-Essex county line, in front of house, on N. side of highway, in root on N. side of 12-in. maple tree; copper nail and washer.....	<i>Feet</i> 1, 188. 27
Bemis School, 40 ft. SW. of, at junction of State Highway 105 and rd. W., on N. side of rd. W., 30 ft. W. of highway, in top of rock outcrop; standard tablet stamped "1924 H 15".....	1, 184. 741
Reference mark, 34 ft. S. 15° W. of tablet, on top of large boulder; chiseled square.....	1, 186. 68
Bemis School, 1.0 mi. E. of, 2.5 mi. SW. of R. R. sta. at Island Pond, on S. side of reverse curve in State Highway 105, just W. of rd. forks, at concrete culvert, in center of top of parapet wall; chiseled square.....	1, 176. 63
Island Pond, 1.7 mi. SW. of sta., on S. side of highway, at concrete culvert, in center of top of parapet wall; chiseled square.....	1, 199. 00
Island Pond, 1.0 mi. W. of sta., on S. side of angle in highway, at concrete culvert, in center of top of parapet wall; chiseled square.....	1, 257. 20
Island Pond, at SE. corner of Derby and Pleasant Streets, on top of large boulder; chiseled square.....	1, 202. 32
Island Pond, at Grand Trunk R. R. sta., on N. face of sta. building at point 1 ft. E. of its NW. corner and 3.5 ft. above ground, set vertically in top stone of foundation; standard tablet stamped "1924 H 16" (recovered by U. S. C. & G. S.).....	1, 191. 966
Reference mark, in NW. corner of sta. platform; chiseled square.....	1, 188. 09
Island Pond, in front of sta.; top of rail.....	1, 187. 4
Island Pond; surface of water at 7 a. m. July 8, 1924.....	1, 172. 1
Island Pond, 1.0 mi. along R. R. E. of, 520 ft. W. of milepost 148-149, 25 ft. N. of track, on top of stone culvert below track; chiseled square.....	1, 179. 39
Island Pond, 2.0 mi. E. of, 2.2 mi. NW. of East Brighton, 200 ft. W. of milepost 147-150, on shore of Spectacle Pond, 20 ft. S. of track, on top of boulder; chiseled square.....	1, 177. 03
Spectacle Pond; surface of water Aug. 1, 1924.....	1, 172. 9
East Brighton sta., 1.1 mi. W. of, 60 ft. W. of milepost 146-151, 15 ft. S. of track; top of section of rail driven vertically in ground.....	1, 169. 71
East Brighton, 550 ft. W. of R. R. sta., 250 ft. W. of milepost 145-152, N. of track, at concrete overhead crossing of public rd., set vertically in center of S. face of N. abutment at point 4 ft. above ground; standard tablet stamped "1924 H 31" (recovered by U. S. C. & G. S.).....	1, 171. 186
East Brighton, in front of sta.; top of rail.....	1, 167. 8
East Brighton, 0.9 mi. E. of, 260 ft. W. of milepost 144-153, on N. side of track, on top of stone culvert; chiseled square.....	1, 165. 37
East Brighton, 1.9 mi. E. of, 1.1 mi. W. of Wenlock, at milepost 143-154, 50 ft. S. of track, on top of prominent rock; chiseled square.....	1, 169. 81
Wenlock, in front of sta.; top of rail.....	1, 150. 8
Wenlock, 100 ft. E. of sta., 0.3 mi. W. of point where State Highway 105 crosses track, 40 ft. S. of track, in top of prominent boulder; standard tablet stamped "1924 H 32" (recovered by U. S. C. & G. S.).....	1, 157. 628
Reference mark, 83 ft. N. 70° E. of tablet, on top of boulder; chiseled square.....	1, 155. 10

From point on State Highway 105 2.1 miles southwest of Island Pond southwest along roads to point near border of Burke quadrangle (spur line by E. E. Harris in 1924; leveled twice)

Island Pond, 2.9 mi. SW. of, 60 ft. S. of junction of rd. along Oswegatchie Brook and rd. SW., on E. side of rd., in root on N. side of small poplar tree; copper nail and washer-----	Feet 1, 309. 90
Island Pond, 3.7 mi. SW. of, near Meehan Hill, 40 ft. S. of house, on N. side of rd., at top of grade, in top of large boulder; standard tablet stamped "1924 H 44"-----	1, 659. 006
Reference mark, 125 ft. S. 70° W. of tablet, in top of large boulder; chiseled square-----	1, 655. 76
Island Pond, 4.8 mi. SW. of, 0.1 mi. NE. of Essex-Caledonia county line, 20 ft. S. of rd. forks, on W. side of rd., on top of large boulder; chiseled square-----	1, 855. 50
Island Pond, 5.9 mi. SW. of, 0.3 mi. W. of point where rd. first crosses Orleans-Caledonia county line and 0.4 mi. N. of its second crossing, 0.1 mi. NE. of Jobs Pond, 30 ft. N. of junction of rd. W. to Fox Farm, on E. side of rd., on rock outcrop; chiseled square-----	1, 910. 63
Island Pond, 6.8 mi. SW. of, 0.5 mi. S. of point where rd. crosses Caledonia-Orleans county line, about 150 ft. SE. of deserted house, 65 ft. S. of barn, 20 ft. E. of fence line, on E. side of rd., in top of prominent boulder; standard tablet stamped "1924 H 45"-----	1, 979. 814
Reference mark, 68 ft. N. 30° W. of tablet, on top of boulder; chiseled square-----	1, 971. 52

From Island Pond northeast along roads and abandoned trail to Lewis Pond (spur line by E. E. Harris in 1924; leveled twice)

Island Pond, 1.2 mi. NE. of, 20 ft. W. of house, near junction of rd. E., on N. side of rd., in root on N. side of 15-in. poplar tree; copper nail and washer-----	1, 288. 96
Island Pond, 2.1 mi. NE. of, about 0.1 mi. S. of rd. forks, 40 ft. NW. of rd., 35 ft. S. of log shack, in top of prominent boulder; standard tablet stamped "1924 H 41"-----	1, 362. 658
Reference mark, 84 ft. S. 50° E. of tablet, on top of large boulder; chiseled square-----	1, 363. 78
Island Pond, 3.0 mi. NE. of, between Tuffield Willey and Clay Hill Brooks, in center line of trail, at top of grade, on top of large boulder; chiseled square-----	1, 367. 91
Island Pond, 4.2 mi. NE. of, 3 mi. S. of old Gore Mill, 1 mi. by trail NE. of crossing of Clay Hill Brook, in center line of trail, on top of rock ledge; chiseled square-----	1, 424. 72
Gore Mill, 1.9 mi. S. of, 100 ft. N. of creek crossing, in center line of trail, on top of rock ledge; chiseled square-----	1, 524. 03
Gore Mill, 0.7 mi. S. of, 70 ft. S. of creek crossing, on E. side of trail, in top of boulder; standard tablet stamped "1924 H 42"-----	1, 525. 608
Reference mark, 80 ft. N. of tablet, in center line of trail, on top of boulder; chiseled square-----	1, 522. 06
Gore Mill, 80 ft. NW. of, in root on N. side of 6-in. birch tree; copper nail and washer-----	1, 549. 20
Gore Mill, 1.0 mi. E. of, 0.8 mi. W. of Lewis Pond, in center line of trail, on top of large boulder; chiseled square-----	1, 767. 68
Lewis Pond, 0.1 mi. W. of, 4 ft. NW. of NW. corner of Water Hole Cabin, in prominent rock ledge; standard tablet stamped "1924 H 43"-----	1, 858. 260
Lewis Pond; surface of water at 9:15 a. m. Aug. 12, 1924-----	1, 820. 7

From Island Pond north and northeast along Grand Trunk Railroad to United States-Canada boundary (by E. E. Harris in 1924)

	<i>Feet</i>
Island Pond, 1.2 mi. N. of sta., near Iron Bridge School, on W. side of track, in W. end of S. stone abutment of R. R. trestle; chiseled square.....	1, 227. 01
Island Pond, 2.4 mi. N. of, on E. side of track, 140 ft. S. of overhead crossing, on top of prominent boulder; chiseled square.....	1, 265. 14
Island Pond, 3.0 mi. N. of, 3.8 mi. S. of Summit sta., near Orleans-Essex county line, on E. side of State Highway 114, on W. side of track, 600 ft. N. of milepost 152-145, 180 ft. N. of farm rd. crossing, in top of large stone culvert; standard tablet stamped "1924 H 17" (recovered by U. S. C. & G. S.).....	1, 281. 016
Reference mark, 22 ft. N. 70° E. of tablet, on top of stone culvert; chiseled square.....	1, 281. 15
Summit sta., 2.9 mi. S. of, 70 ft. S. of milepost 153-144, 30 ft. E. of track, on top of prominent boulder; chiseled square.....	1, 312. 50
Summit sta., 2.3 mi. S. of, on E. side of track, in N. side of E. guard rail of concrete trestle over State highway; chiseled square.....	1, 319. 43
Summit sta., 1.2 mi. S. of, 1,850 ft. S. of milepost 155-142, 15 ft. E. of track, on top of large boulder; chiseled square.....	1, 350. 73
Summit sta., in front of; top of rail.....	1, 378. 0
Summit, directly opposite sta., on E. side of track, in top of prominent boulder; standard tablet stamped "1924 H 18" (recovered by U. S. C. & G. S.).....	1, 378. 916
Reference mark, 246 ft. N. of tablet, on E. side of track, on top of boulder; chiseled square.....	1, 377. 11
Summit sta., 1.0 mi. N. of, 3.2 mi. S. of Lake sta., on E. side of track, 500 ft. S. of milepost 157-140, 260 ft. N. of sta. sign "Summit 1 mile", on top of stone culvert 7 ft. below track; chiseled square.....	1, 362. 62
Lake sta., 2.1 mi. S. of, 280 ft. S. of milepost 158-139, 30 ft. E. of track, N. of small culvert, on top of prominent boulder; chiseled square.....	1, 366. 12
Lake sta., 1.1 mi. S. of, 90 ft. N. of milepost 159-138, 30 ft. E. of track, in top of prominent boulder; standard tablet stamped "1924 H 19" (recovered by U. S. C. & G. S.).....	1, 354. 428
Reference mark, 30 ft. S. of tablet, on top of boulder; chiseled square...	1, 352. 20
Lake, 200 ft. S. of sta., 300 ft. N. of milepost 160-137, on E. side of track, in E. side of S. stone abutment of trestle 160-06; chiseled square.....	1, 349. 31
Lake, in front of sta.; top of rail.....	1, 350. 8
Lake sta., 1.0 mi. N. of, 400 ft. N. of milepost 161-136, opposite shack on hill E. of track, 40 ft. W. of track, on top of flat boulder; chiseled square.....	1, 341. 12
Lake sta., 2.2 mi. N. of, 2.6 mi. S. of Norton Mills, 1,200 ft. N. of milepost 162-135, 30 ft. W. of track, in top of prominent boulder; standard tablet stamped "1924 H 20" (recovered by U. S. C. & G. S.).....	1, 327. 356
Reference mark, 65 ft. S. 50° E. of tablet, on top of boulder; chiseled square.....	1, 323. 61
Norton Mills, 1.8 mi. S. of, 250 ft. N. of milepost 163-134, 2 ft. W. of W. right of way, 20 ft. S. of farm rd. crossing, on top of small boulder; chiseled square.....	1, 315. 74
Norton Mills, 0.8 mi. S. of, 650 ft. N. of milepost 164-133, 30 ft. E. of track, on top of boulder; chiseled square.....	1, 280. 52

	<i>Feet</i>
Norton Mills, at sta.; in front of telegraph window; top of rail-----	1, 253. 79
Norton Mills, about 200 ft. N. of R. R. sta., just S. of U. S.-Canada boundary, E. of track, in center of guard rail of concrete trestle over highway; standard tablet stamped "1924 H 24" (Geodetic Survey of Canada B. M. designated "No. H 24" ²⁵)-----	1, 252. 135
Reference mark, 200 ft. N. of tablet, at U. S.-Canada boundary, in NE. corner of S. stone abutment of Grand Trunk R. R. bridge over Coaticook River; chiseled square and letters "U. S. B. M." (probably International Boundary Commission B. M.)-----	1, 250. 72
Norton Mills sta.; Geodetic Survey of Canada B. M. designated "No. 25" ²⁶ -----	1, 212. 161

From point on State Highway 114 3.3 mi. north of Island Pond northwest along
State Highway 111 into Memphremagog quadrangle (by E. E. Harris in
1924)

Island Pond, 3.8 mi. NW. of, 5.6 mi. SE. of Morgan Center, on E. side of rd., on S. side of farm rd. E., on top of large boulder; chiseled square-----	1, 460. 73
Morgan Center, 4.8 mi. SE. of, in SW. corner of rd. forks, in field, on top of prominent boulder; chiseled square-----	1, 566. 89
Morgan Center, 3.9 mi. SE. of, on W. edge of angle in rd., on top of boulder; chiseled square-----	1, 528. 08
Morgan Center, 3.5 mi. SE. of, on E. side of rd., in line with rd. to NW., on top of prominent boulder; standard tablet stamped "1924 H 21"-----	1, 482. 392
Reference mark, 37 ft. S. of tablet, on top of boulder; chiseled square-----	1, 479. 90
Morgan Center, 2.7 mi. SE. of, 800 ft. S. of Cargill School, on W. side of rd., at junction of T-rd. E., on top of large boulder; chiseled square-----	1, 414. 61
Morgan Center, 1.8 mi. SE. of, just S. of drain, 100 ft. N. of dwelling, on E. side of rd., in root on S. side of 20-in. maple tree; copper nail and washer-----	1, 430. 88
Morgan Center, 1.0 mi. S. of post office, 50 ft. N. of private driveway W. to Seymour Lake, on W. side of rd., on top of stone culvert; chiseled square-----	1, 331. 19
Morgan Center, 200 ft. W. of post office, on N. side of rd., at concrete bridge over inlet of Seymour Lake, in N. end of E. abutment; standard tablet stamped "1924 H 22"-----	1, 286. 479
Reference mark, 39.3 ft. S. of tablet, on top of boulder; chiseled square-----	1, 284. 84
Seymour Lake; surface of water at 1:30 p. m. July 14, 1924-----	1, 279. 6
Morgan Center, 1.0 mi. N. of, 0.9 mi. S. of Valley School, on E. side of rd., opposite dwelling, 30 ft. N. of gate, in fence line, on top of large boulder; chiseled square-----	1, 500. 65
Valley School, 80 ft. S. of, at junction of rd. E., on W. side of rd., at SW. corner of small bridge, on top of boulder; chiseled square-----	1, 496. 89
Valley School, 1.1 mi. N. of, 60 ft. W. of angle in rd., 30 ft. NE. of dwelling, on slate boulder; chiseled square-----	1, 550. 73
Valley School, 1.8 mi. N. of, about 1 mi. SE. of Holland, in SE. corner of rd. forks, in top of prominent boulder; standard tablet stamped "1924 H 23"-----	1, 462. 230
Reference mark, 63 ft. N. 40° W. of tablet, on top of boulder; chiseled square-----	1, 459. 03

²⁵ The figures of elevation reported for this point by the Geodetic Survey of Canada are 1,251.813. See Montgomery, R. H., *Precise leveling in Quebec south of St. Lawrence River: Canada Geodetic Survey Pub. 17, p. 34, 1929.*

²⁶ The figures of elevation reported for this benchmark by the organization which set it, the Geodetic Survey of Canada, are 1,211.900. See Montgomery, R. H., *Precise leveling in Quebec south of St. Lawrence River: Canada Geodetic Survey Pub. 17, p. 34, 1929.*

JAY PEAK QUADRANGLE

73

From Norton Mills east along State Highway 109 into Averill quadrangle
(by E. E. Harris in 1924)

Norton Mills, 1.0 mi. E. of, in front of deserted house, on S. side of rd. at top of grade, on top of large boulder; chiseled square-----	Feet 1, 451. 16
Norton Mills, 1.8 mi. E. of, 2.7 mi. W. of Averill, in SE. corner of rd. forks, on top of stone culvert; chiseled square-----	1, 523. 47

From Burke quadrangle northwest along road near Oswegatchie Brook to
its junction with road from southwest at point 2.9 miles southwest of
Island Pond (by M. C. McClellan in 1923)

Island Pond, 2.9 mi. SW., thence 2.2 mi. S. from, 7.3 mi. N. of East Haven, about 0.3 mi. N. of height of land, 400 ft. N. of farm, 150 ft. E. of rd., in rock ledge visible from rd. S. of tablet; standard tablet stamped "M 33 1923"-----	1, 529. 003
Reference mark, 350 ft. S. of tablet, on E. side of rd., in root on W. side of 18-in. maple tree; copper nail and washer-----	1, 545. 36
Island Pond, 2.9 mi. SW., thence 1.1 mi. S. from, at top of first rise of rd. along level stretch, 400 ft. S. of farm in hollow, 100 ft. N. of curve in rd., on E. side of rd., in root on E. side of 40-in. pine tree; copper nail and washer-----	1, 353. 14

JAY PEAK QUADRANGLE

[Latitude 44°45'-45°; " longitude 72°30'-72°45']

FRANKLIN, LAMOILLE, AND ORLEANS COUNTIES

From Enosburg Falls quadrangle east and north along Central Vermont and Cana-
dian Pacific Railways into Canada (by S. L. Parker in 1922; over route of and fitted
to first-order line of U. S. Coast and Geodetic Survey in 1927)

Samsonville, in W. edge of village, 0.8 mi. E. of North Enosburg, 560 ft. NW. of N. end of dam across Missisquoi River, 26 ft. N. of center line of public rd., at home of Harry Frechette, on lawn due S. of front door, in root on S. side of 30-in. pine tree; copper nail and washer-----	416. 43
East Berkshire, 0.7 mi. SW. of Ry. sta., 1.0 mi. NE. of Samsonville, 650 ft. E. of Ry. crossing, 40 ft. N. of track, 14 ft. S. of center line of rd., in root on NE. side of 52-in. elm tree; copper nail and washer--	416. 89
East Berkshire, at front entrance of public-school building, at E. side of doorway, in top concrete step; standard tablet stamped "440 P 12 1922 Vt." (recovered by U. S. C. & G. S. and designated "A 2")--	440. 239
Reference mark, 85 ft. W. of tablet, 25 ft. N. of fence corner, in root on W. side of second sugar-maple tree N. of fence corner; copper nail and washer-----	438. 29
East Berkshire, 70 ft. E. of Ry. sta., in root on N. side of 31-in. pine tree; copper nail and washer-----	425. 72
East Berkshire, in front of sta.; top of N. rail of main track-----	431. 7
East Berkshire, 0.8 mi. NE. of sta., 255 ft. NE. of Ry. crossing, 24 ft. W. of center line of public road., in SE. corner of lawn, in root on E. side of 18-in. sugar-maple tree; copper nail and washer-----	435. 83
Nutting Corners, 1.4 mi. NE. of East Berkshire, 330 ft. S. of point where Ry. and wagon bridges cross Missisquoi River, 3 ft. W. of fence line, on E. side of rd., in root on E. side of 30-in. elm tree; copper nail and washer-----	422. 34

" A narrow strip of territory lying just north of latitude 45°, given as the northern limit of this quadrangle,
has been included on the map for convenience. This strip extends to the United States-Canada boundary.

Missisquoi River at Ry. bridge near Nutting Corners; surface of water beneath bridge at 11:30 a.m. May 15, 1922-----	Feet 404. 6
Nutting Corners, 1.2 mi. NE. of, 2.0 mi. S. of Richford, 0.4 mi. S. of milepost "R 2 W 160", on E. side of track, 1.5 ft. E. of Ry. property line, in cleared field, in top and at S. end of 5.5- by 6.5-ft. granite boulder; standard tablet stamped "430 P 13 1922 Vt" (recovered by U. S. C. & G. S. and designated "B 2")-----	430. 918
Reference mark, 60 ft. W. of tablet, 20 ft. W. of center line of track, on top of 4-ft. granite boulder; chiseled square-----	430. 78
Richford, 0.8 mi. S. of C. V. Ry. sta., at Ry. crossing, 85 ft. S. of center of crossing, on E. side of track, 1.5 ft. E. of Ry. property line, in fence line on rd., in root on N. side of 16-in. sugar-maple tree; copper nail and washer-----	499. 47
Richford, in front of C. V. Ry. sta.; top of E. rail-----	462. 5
Richford, at town hall, at NE. corner of building, 16 ft. N. of doorway at front entrance, in top concrete step at point 6 in. E. of N. wall of building; standard tablet stamped "477 P 14 1922 Vt" (recovered by U. S. C. & G. S. and designated "C 2")-----	477. 233
Reference mark, 40 ft. SE. of tablet, 30 ft. due E. of front entrance to town hall, at S. side of steps leading from street, in top of concrete banister; chiseled square-----	473. 78
Richford, at SE. corner of Main and River Streets, at entrance to Richford National Bank, in top and at E. end of bottom concrete step; chiseled square-----	450. 20
Richford, 190 ft. N. of C. P. Ry. sta., on E. side of track, on S. side of rd. crossing track, on top of W. end of stone retaining wall; chiseled square-----	540. 90
Richford, 1.1 mi. N. of C. P. Ry. sta., 180 ft. S. of U. S.-Canada boundary-line post, on W. side of track, 6.5 ft. W. of Ry. property line, in field, in root on N. side of 10-in. cottonwood tree; copper nail and washer-----	490. 50
Abercorn (Canada); Geodetic Survey of Canada copper bolt stamped "G. S. C. B. M." and designated "No. 55" ²⁸ (recovered by U. S. C. & G. S. and designated "55 (G. S. C.)")-----	493. 198

From East Berkshire southeast and south along East Berkshire-Eden road (State Highway 118) to Belvidere Corners, thence southwest along road north of North Branch of Lamoille River into Hyde Park quadrangle (by F. L. Shalibo in 1922)

East Berkshire, 1.3 mi. SE. of public school, 95 ft. E. of N. end of bridge over Trout Brook, 22 ft. SE. of center line of highway, 17 ft. W. of garage, in root on N. side of 46-in. elm tree; copper nail and washer-----	420. 07
East Berkshire, 2.1 mi. SE. of, 3.3 mi. NW. of Montgomery village, 210 ft. SE. of concrete bridge, in front of farmhouse, 18 ft. NE. of center line of rd., in root on SE. side of 36-in. elm tree; copper nail and washer-----	425. 03
Montgomery village, 2.1 mi. NW. of, 140 ft. N. of sharp angle in rd., 40 ft. E. of center line of rd., 7 ft. E. of fence line, in rock ledge; standard tablet stamped "S 1 Vt 1922"-----	467. 348
Reference mark, 40 ft. S. of tablet, 21 ft. E. of center line of rd., 8 ft. W. of fence line, in rock ledge; chiseled square-----	464. 85

²⁸ The figures of elevation reported for this point by the Geodetic Survey of Canada are 492.963. See Montgomery, R. H., Precise leveling in Quebec south of St. Lawrence River: Canada Geodetic Survey Pub. 17, p. 13, 1929.

Montgomery village, 1.3 mi. NW. of, 180 ft. NW. of rd. forks, 36 ft. NE. of center line of rd., 21 ft. NE. of fence line, on highest point of rock ledge; chiseled square-----	<i>Feet</i> 455. 66
Montgomery village, at front entrance to Methodist Church, in NE. corner of top step; standard tablet stamped "S 2 Vt 1922"-----	493. 892
Reference mark, 80 ft. E. of tablet, 60 ft. from rd. forks, at S. end of park, in 47-in. elm tree; copper nail and washer-----	490. 44
Montgomery village, 1.0 mi. SE. of, 1.5 mi. NW. of Montgomery Center, 100 ft. NW. of concrete bridge over small stream, 39 ft. E. of center line of highway, in front of farmhouse, in root on W. side of 32-in. pine tree; copper nail and washer-----	500. 00
Montgomery Center, 0.6 mi. NW. of, 280 ft. N. of angle in rd., opposite farmhouse, 16 ft. W. of center line of highway, in root on N. side of last tree at S. end of row of maple trees; copper nail and washer-----	506. 07
Montgomery Center, 47 ft. N. of N. end of bridge, at Baptist Church, in S. end of top concrete step; standard tablet stamped "S 3 1922 Vt"-----	533. 697
Reference mark, 46 ft. N. of tablet, 23 ft. E. of center line of highway, in front of parsonage, in root on W. side of 14-in. maple tree; copper nail and washer-----	530. 77
Montgomery Center, 1.6 mi. S. of, 205 ft. N. of junction of T-rd. W., 150 ft. N. of church, 15 ft. W. of center line of highway, in front of house, in fence line, in root on N. side of 29-in. maple tree; copper nail and washer-----	674. 93
South School, 2.7 mi. S. of Montgomery Center, 200 ft. N. of school building, in SW. corner of junction of T-rd. W., 44 ft. W. of center line of main highway, in 6- by 10-ft. boulder; standard tablet stamped "S 4 Vt 1922"-----	719. 867
Reference mark, 4.2 ft. N. of tablet, on same boulder; chiseled square-----	720. 85
South School, 0.7 mi. S. of, at SE. corner of bridge over Pacific Brook, in large boulder forming abutment of bridge; chiseled square-----	782. 70
South School, 1.7 mi. S. of, 220 ft. N. of farmhouse, on E. side of creek, in 15- by 20-ft. boulder protruding 7 ft. above ground; chiseled square-----	905. 27
South School, 2.8 mi. S. of, 3.0 mi. N. of Belvidere Corners, in middle of long hill, 80 ft. S. of small culvert, 22 ft. E. of center line of highway, 5 ft. above rd. level, in rock ledge; standard tablet stamped "S 5 Vt 1922"-----	1, 052. 709
Reference mark, 1 ft. S. of tablet, in same rock ledge; chiseled square-----	1, 052. 61
Belvidere Corners, 2.2 mi. N. of, about on divide, in gore, 10 ft. E. of center line of highway, 3 ft. E. of fence line, in root on W. side of leaning birch tree; copper nail and washer-----	1, 169. 83
Belvidere Corners, 1.1 mi. N. of, 27 ft. N. of residence of A. E. Holbrook, 25 ft. W. of center line of highway, 2.5 ft. W. of fence line, in root on E. side of 17-in. poplar tree; copper nail and washer-----	1, 186. 74
Belvidere Corners, 550 ft. W. of crossroads, 100 ft. N. of center line of rd., 70 ft. W. of gravel pit, in ledge of rock; standard tablet stamped "S 6 Vt 1922"-----	1, 197. 674
Reference mark, 160 ft. SE. of tablet, on opposite side of rd., 50 ft. E. of concrete culvert, 5 ft. N. of fence line, in 3- by 5-ft. stone protruding 1 ft. out of ground; chiseled square-----	1, 179. 88
Belvidere Corners, 0.9 mi. W. of, 100 ft. W. of iron bridge over Otter Brook, 30 ft. N. of center line of rd., 15 ft. N. of fence line, in 4- by 5-ft. rock flush with ground (mark not described)-----	1, 183. 58

Belvidere Corners, 1.9 mi. W. of, 1.8 mi. NE. of Belvidere Center, 45 ft. E. of barn, 24 ft. S. of center line of highway, 16 ft. from fence line, in small boulder; chiseled square-----	Feet 1, 252. 76
Belvidere Center, 0.7 mi. NE. of, 120 ft. NE. of farmhouse, 10 ft. W. of small culvert, 20 ft. W. of center line of highway, in 8- by 10-ft. boulder protruding 4 ft. above ground; chiseled square-----	1, 143. 63
Belvidere Center, at front entrance of public school, in NE. corner of concrete step; standard tablet stamped "S 7 Vt 1922"-----	923. 936
Reference mark, 50 ft. NE. of tablet, 20 ft. N. of school, in fence line, in small boulder; chiseled circle-----	920. 73

Near Streeter Brook, on road from Belvidere Center and Belvidere Junction to Bakersfield (by F. L. Shalibo in 1922)

Belvidere Junction, 1.2 mi. N. of, 3.8 mi. by rd. W. of Belvidere Center, 0.8 mi. N. of mill of Belvidere Lumber Co., 0.1 mi. E. of Streeter Brook, opposite S. end of triangle at junction of T-rd. W., on E. side of rd., in fence line, in root on E. side of large birch tree; copper nail and washer-----	826. 60
Belvidere Junction, 2.3 mi. N. of, 4.9 mi. E. of Bakersfield, 1.9 mi. N. of mill of Belvidere Lumber Co., near crossing of Streeter Brook, 20 ft. S. of rd. forks, 18 ft. E. of center line of rd., at SW. corner of barn, in small boulder; chiseled circle-----	1, 065. 96

From Belvidere Corners east and southeast along East Berkshire-Eden road (State Highway 118) into Hyde Park quadrangle (by F. L. Shalibo in 1922)

Belvidere Corners, 1.1 mi. SE. of, 100 ft. S. of center of S. edge of Long Pond, 15 ft. N. of center line of highway, in large boulder; chiseled square-----	1, 157. 88
Belvidere Corners, 1.9 mi. SE. of, opposite farmhouse of George Farrand, 130 ft. N. of right-angle turn in highway, 20 ft. W. of center line of highway, in top of 6- by 10-ft. boulder protruding 7 ft. above ground; chiseled square-----	1, 255. 25
Belvidere Corners, 3.1 mi. SE. of, 3.9 mi. NW. of Eden, 60 ft. S. of junction of T-rd. S., 40 ft. S. of center line of highway, 10 ft. E. of N.-S. fence line, in ledge of rock; standard tablet stamped "S 36 Vt 1922"-----	1, 245. 365
Reference mark, 3 ft. N. of tablet, in same rock ledge; chiseled square-----	1, 245. 36

KEENE QUADRANGLE²⁹

[Latitude 42°45'-43°; longitude 72°15'-72°30']

WINDHAM COUNTY

At East Putney (by M. A. Roudabush in 1932; leveled twice)

East Putney, on bank of Connecticut River, 100 ft. NW. of Britton Ferry landing, in top of stump of elm tree; copper nail and washer-----	242. 32
East Putney, 350 ft. NE. of Boston & Maine R. R. sta., at abutment of highway bridge over R. R., on S. end of wing wall, 18 in. S. of U. S. C. & G. S. B. M. designated "L 4 27", on edge of step; old chiseled square-----	292. 76
East Putney, at sta.; top of E. rail-----	292. 2

²⁹ Most of this quadrangle lies in New Hampshire.

LINCOLN MOUNTAIN QUADRANGLE

[Latitude 44°-44°15'; longitude 72°45'-73°]

ADDISON, CHITTENDEN, AND WASHINGTON COUNTIES

From Middlebury quadrangle east along road to point near South Lincoln,
thence north and northwest to Lincoln (by F. M. Goodhue in 1903)

South Lincoln, 1.0 mi. W. of, at NW. angle of rd. forks, 3.5 ft. above rd. level, in top of granite boulder; standard tablet stamped "1249 Montpelier"-----	Feet 1, 249. 704
Lincoln, in E. abutment of iron bridge opposite store of Lincoln Lum- ber Co., on S. side of roadway, on bridge seat, 15 in. below floor; aluminum tablet stamped "971 Montpelier"-----	971. 802

From Lincoln east along roads to Warren, thence south along Waterbury-
Rochester road (State Highway 100) into Rochester quadrangle (by K. E.
Schlachter in 1916)

Lincoln, 1.0 mi. SE. of, 1.2 mi. W. of Murray School, 100 ft. S. of rd. forks, at SE. corner of bridge over New Haven River, on boulder; chiseled square-----	1, 047. 52
Murray School, 300 ft. E. of corner of building, 14 ft. N. of rd., on boulder; chiseled square-----	1, 310. 17
Murray School, 1.3 mi. E. of, 0.5 mi. E. of house of Henry Davis, on S. margin of rd., in boulder; standard tablet stamped "1673"-----	1, 673. 288
Murray School, 2.4 mi. E. of, 4.7 mi. SW. of Warren, 1.6 mi. W. of South Olive School, in Warren-Lincoln pass, on N. margin of rd., 20 ft. W. of Green Mountain Club Trail, in ledge; chiseled circle-----	2, 424. 85
Warren, 3.3 mi. SW. of, 0.7 mi. W. of South Olive School, at forks of rd. to sugar bush of W. Thayer, in root on E. side of 16-in. maple tree; copper nail and washer-----	1, 439. 75
Warren, 2.5 mi. SW. of, 350 ft. E. of junction of rd. N., 300 ft. W. of South Olive School, on S. margin of rd., in small boulder; standard tablet stamped "1349"-----	1, 349. 545
Warren, 1.8 mi. SW. of, at junction of rd. N., on S. margin of rd., on boulder; chiseled circle-----	1, 307. 01
Warren, 1.0 mi. SW. of, 95 ft. E. of mail box of Azro Parsons, on N. side of rd., on ledge; chiseled circle-----	1, 101. 64
Warren, in N. part of village, near post office, at S. side of bend in rd., on ledge; standard tablet stamped "893"-----	893. 148
Warren, 1.1 mi. S. of, 1.6 mi. N. of Brown School, 50 ft. N. of house of Hiram Keyes, on E. side of State Highway 100, 2 ft. above ground, on ledge; chiseled square-----	961. 83
Brown School, 0.4 mi. N. of, 30 ft. S. of house, on E. margin of high- way, 1 ft. above ground, on ledge; chiseled square-----	1, 115. 23
Brown School, 0.7 mi. S. of, 700 ft. S. of highway bridge over Mad River, on E. margin of highway, 2 ft. above rd., on ledge; standard tablet stamped "1149"-----	1, 149. 294
Brown School, 1.9 mi. SE. of, on W. margin of highway, 4 ft. above rd., on ledge; chiseled square-----	1, 295. 82
Brown School, 3.5 mi. SE. of, 4.3 mi. N. of Granville, on E. side of high- way, 0.5 ft. above rd. level, on ledge; chiseled square-----	1, 381. 36
Granville, 3.3 mi. N. of, in face of ledge at margin of highway; drill hole, ledge painted "U. S. G. S. B. M. 1335" ³⁰ -----	1, 335. 369

³⁰ This benchmark was established by Ernest McIntosh, of the Vermont Highway Department, in November 1929, to replace a standard tablet that had disappeared. It is 60 feet north of the site of the tablet but at the same elevation.

Granville, 2.1 mi. N. of, 250 ft. N. of wooden bridge, on E. side of highway, 1 ft. above ground, on boulder; chiseled square.....	Feet 1, 113. 02
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From Warren east along road to East Warren, thence north and west along roads and trail by way of Waitsfield and North Fayston to Hanksville, thence south along roads to Lincoln (by E. W. Bowler in 1916)

[Line jogs into Camels Hump quadrangle.]

Warren, 1.4 mi. E. of, at junction of rd. SW., in NW. quadrant, 60 ft. from junction, about 8 ft. above rd. bed, on E. one of two boulders; chiseled square.....	1, 208. 28
East Warren, in NE. quadrant of crossroads, 50 ft. E. of center of crossroads, 15 ft. N. of center line of rd., 1 ft. above rd. bed; chiseled square.....	1, 395. 25
East Warren, 0.8 mi. N. of, 500 ft. N. of dwelling of Henry Brooks, 160 ft. W. of center line of rd., in lowest and northernmost of three ledges; standard tablet stamped "1371".....	1, 371. 519
East Warren, 2.1 mi. N. of, 640 ft. N. of house of J. B. Greenwood, 50 ft. S. of Waitsfield-Warren town line, 20 ft. E. of center line of rd., 1 ft. above rd. bed, in root on E. side of 10-in. rock-maple tree; copper nail and washer.....	1, 226. 64
East Warren, 3.0 mi. N. of, 80 ft. S. of junction of route rd. and rd. SW., in W. side of small ledge, on 6-in. shelf; chiseled square.....	1, 208. 03
East Warren, 4.1 mi. N. of, 600 ft. N. of house of Orin Joslin, 80 ft. E. of rd., 6 ft. E. of small maple tree, in SW. corner of large ledge; standard tablet stamped "1249".....	1, 249. 293
Waitsfield, 1.0 mi. SE. of, at brook crossing, on S. side of rd., 8 in. above rd. bed, in center of top of concrete culvert; chiseled square...	852. 00
Waitsfield, 0.6 mi. E. of, just S. of rd. junction, level with rd. bed, 4 ft. from corner of covered bridge over High Bridge Brook, on S. corner of E. bridge abutment; chiseled square.....	765. 04
Waitsfield, about 0.1 mi. E. of, near W. bank of Mad River, 18 ft. S. of center line of rd., 18 ft. W. of end of covered bridge, on top of ledge; aluminum tablet stamped "698" (set by water-resources branch of U. S. G. S. in 1910).....	698. 462
Waitsfield, 1.0 mi. N. of, 25 ft. W. of junction of rd. SW., 0.5 ft. below rd. surface, in center of W. edge of stone culvert; chiseled square.....	698. 45
Waitsfield, 2.3 mi. N. of, 200 ft. S. of house of Lew Palmer, 15 ft. E. of center line of rd., 0.5 ft. above rd. level, on top of ledge; chiseled square.....	659. 04
Waitsfield, 3.2 mi. N. of, in NW. quadrant of junction of rd. NW., 65 ft. W. of center of junction, 10 ft. above rd. level at junction, on top of ledge; standard tablet stamped "653".....	653. 246
North Fayston, 1.3 mi. E. of, 18 ft. S. of junction of rd. N., 230 ft. W. of house of Chester Foster, about 0.5 ft. above rd. level, on top of lone boulder; chiseled square.....	803. 50
North Fayston, 0.6 mi. E. of, 150 ft. W. of junction of rd. SE., 30 ft. S. of main rd., on S. corner of large flat stone; chiseled square.....	926. 96
North Fayston, 125 ft. E. of schoolhouse, 25 ft. W. of brook, 35 ft. N. of center line of rd., at rd. level, on top of small ledge; standard tablet stamped "1055".....	1, 055. 609
North Fayston, 1.2 mi. W. of, in NE. quadrant of crossroads, at SW. corner of schoolhouse, on corner of ledge supporting schoolhouse; chiseled square.....	1, 100. 86

North Fayston, 2.8 mi. W. of, 4.2 mi. E. of Hanksville, 75 ft. W. of bridge over brook, 10 ft. N. of trail, 30 ft. above rd. level, on SE. corner of small ledge; chiseled square.....	Feet 1, 465. 51
Hanksville, 3.0 mi. E. of, in Fayston-Huntington pass over Green Mountain Ridge, 10 ft. E. of trail, in root on S. side of 15-in. hemlock tree (used as signpost); copper nail and washer.....	2, 217. 66
Hanksville, 1.9 mi. E. of, 60 ft. N. of sawmill, in notch cut in W. side of 3-ft. yellow-birch tree; copper nail and washer.....	1, 487. 03
Hanksville, 1.1 mi. E. of, 175 ft. W. of junction of rd. S., 8 ft. S. of center line of rd., 5.5 ft. above rd. level, on large flat boulder; chiseled square.....	1, 333. 26
Hanksville, 1.1 mi. S. of, 280 ft. S. of vacant white house, 15 ft. E. of center line of rd., 2 ft. above rd. level, on W. edge of flat stone; chiseled square.....	1, 084. 04
Hanksville, 2.2 mi. S. of, opposite Gore School, 6 ft. E. of center line of rd., 0.5 ft. above rd. level, on small ledge; chiseled square.....	1, 144. 37
Hanksville, 2.9 mi. S. of, 75 ft. S. of bridge over Huntington River, 9 ft. above level of bridge, 55 ft. W. of center line of rd., on top of ledge; standard tablet stamped "1222".....	1, 222. 920
Hanksville, 4.1 mi. S. of, 620 ft. N. of white house, 18 ft. E. of center line of rd., 4 ft. above rd. level, on S. corner of large flat stone; chiseled square.....	1, 521. 36
Hanksville, 5.2 mi. S. of, 120 ft. E. of center line of rd., at NW. corner of two lone barns, in lowest stone of corner support; chiseled square.....	1, 488. 99
Hanksville, 5.9 mi. S. of, 5.7 mi. N. of Lincoln, 0.2 mi. E. of Jerusalem School, 175 ft. N. of crossroads, 18 ft. W. of center line of rd., on top of large boulder; standard tablet stamped "1373".....	1, 373. 824
Lincoln, 4.6 mi. N. of, 1 mi. E. of Jerusalem School, 450 ft. E. of T-junction of rd. N., 15 ft. E. of center line of rd., in NW. corner of small ledge; chiseled square.....	1, 495. 49
Lincoln, 3.4 mi. N. of, 60 ft. N. of house of H. E. Sweet, 18 ft. E. of center line of rd., 1 ft. above rd. level, on SW. corner of small ledge; chiseled square.....	1, 521. 62
Lincoln, 2.8 mi. N. of, directly opposite house of Frank Moody, 15 ft. E. of rd., about 1 ft. above rd. level, on top of small ledge; standard tablet stamped "1467".....	1, 467. 357
Lincoln, 1.3 mi. N. of, in SW. quadrant of junction of second-class rd. W., 60 ft. from center of junction, in root on N. side of 9-in. elm tree; copper nail and washer.....	1, 182. 50
Lincoln, 0.9 mi. N. of, in front of schoolhouse, 10 ft. W. of center line of rd., 2 ft. above rd. level, in SE. corner of small ledge; chiseled square.....	1, 098. 90

From point near Moretown and South Duxbury northeast along Warren-Middlesex road (State Highway 100 B) into Camels Hump quadrangle (by H. P. Kilby in 1919)

Moretown, 1.0 mi. S. of post office, about 1 mi. SE. of South Duxbury, 4.2 mi. N. of Waitsfield, 120 ft. S. of junction of State Highway 100 B with rd. to Duxbury and Waterbury (State Highway 100), on W. corner of stone culvert under highway; chiseled square..... 657. 93

From Barre quadrangle southwest and southeast along Central Vermont Railway and back into Barre quadrangle (by F. L. Shalibo in 1922)

East Granville sta., 1.3 mi. N. of, 4.3 mi. S. of Roxbury, about 0.5 mi. S. of underpass, 30 ft. E. of R. R. track, at S. end of ledge, in large boulder; chiseled square.....	Feet 875. 67
East Granville sta., 100 ft. S. of, 10 ft. E. of R. R. track, at base of high ledge, in rock 2 ft. above ground; chiseled square.....	845. 84

LITTLETON QUADRANGLE¹¹

[Latitude 44°15'-44°30'; longitude 71°45'-72°]

CALEDONIA AND ESSEX COUNTIES

From North Concord southwest to point on Moose River 2 miles north of Concord, thence north along Concord-Granby road into Burke quadrangle (by M. C. McClellan in 1928)

North Concord, 40 ft. W. of sta., at S. edge of platform, in large boulder; chiseled square.....	1, 079. 81
Concord, 2 mi. N. of, about 1.3 mi. S. of North Concord, at bridge on U. S. Highway 2 over Moose River, at S. end of E. abutment, in bridge seat; chiseled square.....	974. 48
North Concord, 0.5 mi. NW. of, 3.3 mi. N. of Concord, at E. side of rd. forks, in ledge; chiseled square.....	999. 69
North Concord, 1.2 mi. N. of, in yard of North Concord School, in large granite boulder; chiseled square (origin unknown).....	1, 003. 20
North Concord, 2.3 mi. N. of, 0.2 mi. N. of farmhouse, at N. end of long open meadow, along W. bank of Moose River, at turn in rd. to NW., 40 ft. W. of rd., in large, prominent granite boulder; standard tablet stamped "M 27 1928".....	1, 054. 778
Reference mark, 500 ft. S. of tablet, on W. side of rd., in root on W. side of 18-in. tamarack tree; copper nail and washer.....	1, 051. 39

Near Lower Waterford (by R. G. Clinite in 1929)

Connecticut River; surface of water at 11 a. m. May 22, 1929.....	628. 8
Lower Waterford, about 0.4 mi. SE. of, 430 ft. NW. of N. bank of Connecticut River, in uncultivated field, in root of 40-in. elm tree; rail spike (New England Power Co. B. M. designated "R 41").....	664. 72
Lower Waterford, 80 ft. N. of rd. forks, on W. side of State Highway 18, in root of 10-in. tree; spike (probably Vt. Hwy. Dept. B. M.).....	826. 66
Lower Waterford, 300 ft. NW. of rd. forks, on E. side of rd. to St. Johnsbury (State Highway 18), in fence line, in root of maple tree; copper nail.....	832. 15
Lower Waterford, at SE. corner of triangle of rd. forks, in root of 18-in. ash tree; spike (New England Power Co. B. M.).....	816. 64

From Lower Waterford north along State Highway 18 and roads to Concord (by R. G. Clinite in 1932)

Lower Waterford, 1.2 mi. NW. of, on SW. side of rd. to St. Johnsbury (State Highway 18), about 70 ft. S. of junction of old grassy woods rd., on S. corner of U-shaped head wall; chiseled square.....	1, 074. 84
Lower Waterford, 2.1 mi. NW. of, on NE. side of highway, near summit of long hill, opposite 1½-story shingle farmhouse, in root of 26-in. elm tree; spike (probably Vt. Hwy. Dept. B. M.).....	1, 344. 95

¹¹ Part of this quadrangle lies in New Hampshire.

Lower Waterford, 2.8 mi. NW. of, in W. angle of crossroads, on W. side of stone fence, in root of 18-in. maple tree (maple and ash trees grown together); copper nail and washer.....	Feet 1, 127. 64
Lower Waterford, 3.2 mi. NW. of, 26 ft. E. of State Highway 18, in top of rock ledge, 6.5 ft. NE. of face of ledge (SW. face of ledge forms portion of stone fence); standard tablet stamped "C 1 1932".....	1, 067. 665
Concord, 2 mi. S. and 0.5 mi. W. from, 1.3 mi. NE. of State Highway 18, 16 ft. SE. of rd., 270 ft. SW. of abandoned shingle house, in root of N. one of two large maple trees; copper nail and washer.....	1, 279. 72
Concord, 1.3 mi. S. and 0.2 mi. W. from, in W. angle of crossroads (Whites Corner), 40 ft. E. of 1½-story farmhouse, in root of S. one of two poplar trees; copper nail and washer.....	1, 294. 30
Concord, 0.5 mi. S. of, on W. side of rd., at junction of T-rd. SE., 22 ft. N. of drain, on boulder; chiseled square.....	1, 002. 19
Concord, 200 ft. N. of U. S. C. & G. S. B. M. designated "U 3", on SW. corner of concrete highway bridge over Moose River, on wheel guard; chiseled square.....	860. 75

LUDLOW QUADRANGLE

[Latitude 43°15'–43°30'; longitude 72°30'–72°45']

RUTLAND AND WINDSOR COUNTIES

From Saxtons River quadrangle northeast and east along State Highway 11 to Chester Depot, thence southeast along Rutland Railroad and back into Saxtons River quadrangle (by M. A. Roudabush in 1928)

Simonsville, 0.5 mi. W. of post office, 150 ft. SW. of junction of T-rd. W., at Rowells Inn, in NW. corner of concrete platform at entrance; standard tablet stamped "1161 R 19 1928".....	1, 160. 961
Reference mark, 175 ft. due E. of tablet, 110 ft. SE. of rd. forks, 25 ft. W. of center of creek, at W. edge of stone fence, in base of 24-in. maple tree; copper nail and washer.....	1, 154. 77
Simonsville, 0.3 mi. E. of post office, at concrete bridge over Middle Branch of Williams River, on S. end of E. abutment; top surface..	1, 068. 48
Simonsville, 0.8 mi. E. of, N. of highway, 35 ft. SE. of red-brick house, on top of old millstone; chiseled square.....	1, 009. 86
Simonsville, 1.9 mi. E. of, in NE. angle of junction of T-rd. N., in root on W. side of 24-in. ash tree; copper nail and washer.....	925. 46
Simonsville, 2.7 mi. E. of, 3.5 mi. SW. of Chester, between forks of Londonderry and Weston (Simonsville and Peaseville) rds., 6 ft. NW. of NE. corner of steel highway bridge over Andover Branch, in concrete retaining wall; standard tablet stamped "R 20 1928 855".....	855. 011
Reference mark, 175 ft. W. of tablet, N. of Simonsville rd., on S. bank of creek, in base of 10-in. ash tree; copper nail and washer.....	857. 13
Chester, 3.1 mi. SW. of, at concrete bridge over South Branch of Williams River, on NE. wing wall; top surface.....	823. 51
Chester, 2.2 mi. SW. of, S. of highway at bend N., in root on N. side of 8-in. birch tree; copper nail and washer.....	774. 01
Chester, 1.6 mi. W. of, 50 ft. SE. of triangular rd. forks at water trough, on NW. corner of stone doorstep; chiseled square.....	715. 10
Chester, 0.8 mi. W. of, just S. of rd. forks at foot of hill, in root on S. side of maple tree; copper nail and washer.....	665. 53
Chester, at junction of highway and T-rd. N. at Congregational Church, at sign reading "To Rutland", on base of warning sign; top of NE. bolt.....	627. 49
Chester, at main entrance to Fullerton Inn, on W. end of lowest concrete step; standard tablet stamped "623 R 21 1928".....	622. 868

Reference mark 1, 100 ft. NW. of tablet, in front of Masonic Hall, on NE. corner of retaining wall of lawn; chiseled square.....	Feet 623. 46
Reference mark 2, 300 ft. NE. of tablet, at soldiers' monument, on SW. corner of granite base of cannon; top surface of base.....	618. 24
Chester, at junction of T-rd. S. to Grafton, in front of Baptist Church, on W. end of concrete curb; chiseled square.....	615. 00
Chester, at junction of T-rd. S. to Grafton, on dummy traffic signal; top of NW. bolt.....	607. 62
Chester Depot, in front of Rutland R. R. sta., on concrete foundation of semaphore; chiseled square.....	599. 99
U. S. C. & G. S. B. M. designated "Z 4".....	597. 046
Chester Depot, 0.6 mi. SE. of, at crossing of Springfield rd. (State Highway 11) and Rutland R. R. at milepost marked "39 Rut.-B. F. 13"; top of rail.....	578. 5
Chester Depot, about 0.8 mi. SE. of, at S. end of R. R. bridge over Middle Branch of Williams River (bridge 119); base of rail.....	572. 0
Chester Depot, 1.4 mi. S. of, 850 ft. W. of milepost marked "Rut. 40-B. F. 12", on E. end of S. back wall; chiseled square.....	556. 64
From point 3.5 miles west of Chester northwest and north along highways near west border of quadrangle to Tyson, thence east by way of Felchville (Reading post office) into Claremont quadrangle (by M. A. Roudabush in 1928)	
Andover post office (Peaseville), 1.8 mi. E. of, 4.3 mi. W. of Chester, 50 ft. N. of rd. forks (junction of Chester-Weston rd. and rd. NW.), at bridge over Andover Branch, on W. end of S. bridge seat; chiseled square.....	943. 38
Andover post office, 1.0 mi. E. of, at crossing of Chester-Andover town line; center line of rd.....	1, 030. 0
Andover post office, 0.6 mi. E. of, 50 ft. W. of junction of rd. fork to N., at bridge over Andover Branch, on S. end of E. bridge seat; chiseled square.....	1, 065. 85
Andover post office, at junction of Chester-Weston rd. and T-rd. SW., near Grange Hall; center of rd. forks.....	1, 175. 0
Peaseville School, 260 ft. NW. of school building, 0.6 mi. NW. of Andover post office, N. of forks of rds. to Weston and Ludlow, in top of ledge; standard tablet stamped "R 22 1928".....	1, 198. 260
Reference mark, 400 ft. SE. of tablet, 140 ft. SE. of schoolhouse, on N. bank of Andover Branch, in root on W. side of 18-in. beech tree; copper nail and washer.....	1, 186. 54
Peaseville School, 1.0 mi. N. of, on rd. to Ludlow, E. of rd. at drain and bend to E., in root on W. side of 24-in. maple tree; copper nail and washer.....	1, 552. 92
Peaseville School, 1.6 mi. NE. of, 2.3 mi. SE. of Boynton Hill School, 70 ft. N. of summit, W. of rd., 200 ft. W. of right-angle bend near white house, in root on E. side of 24-in. maple tree; copper nail and washer.....	1, 835. 47
Boynton Hill School, 1.6 mi. SE. of, at junction of T-rd. E.; center of rd. forks.....	1, 869. 1
Boynton Hill School, 1.2 mi. SE. of, 100 ft. SE. of yellow house, SW. of rd., at drain, in root on W. side of 12-in. maple tree; copper nail and washer.....	1, 852. 29
Boynton Hill School, 10 ft. E. of NE. corner of school building, 5.7 mi. S. of Ludlow, in rock ledge; standard tablet stamped "R 23 1928" ..	1, 941. 807

Reference mark, 140 ft. W. of tablet, 20 ft. NE. of center line of rd., in root 2 ft. W. of W. side of one birch tree and 2 ft. N. of another birch tree; copper nail and washer-----	Feet 1, 945. 04
Boynton Hill School, 0.9 mi. NW. of, 2.3 mi. S. of Barton School, E. of rd. at junction of T-rd. W., on ledge about 8 ft. E. of center line of rd.; chiseled square-----	1, 721. 72
Barton School, 1.1 mi. S. of, at summit, on ledge 8 ft. W. of rd.; chiseled square-----	1, 858. 79
Barton School, 20 ft. S. and 8 ft. E. from SE. corner of, 2.6 mi. S. of Ludlow, 60 ft. E. of rd., in top of embedded boulder; standard tablet stamped "R 24 1928"-----	1, 585. 781
Reference mark, 150 ft. NW. of tablet, W. of rd., E. of creek, in root on S. side of 20-in. elm tree; spike and copper washer-----	1, 580. 16
Barton School, 0.3 mi. N. of, 40 ft. SW. of head of rock chasm, 10 ft. W. of rd., in pasture, on inclined ledge; chiseled bench-----	1, 544. 85
Barton School, 0.9 mi. N. of, 1.9 mi. S. of Ludlow, opposite two rds. SE., 12 ft. from bridge over Jewell Brook, on NW. wing wall; chiseled square-----	1, 335. 47
Ludlow, 1.7 mi. SW. of R. R. sta., at concrete bridge; floor of bridge-----	1, 266. 2
Ludlow, 0.7 mi. SW. of R. R. sta., 30 ft. SW. of junction of farm rd. W., on large boulder; chiseled square-----	1, 096. 52
U. S. C. & G. S. B. M. designated "F 5"-----	1, 066. 858
Ludlow, about 0.2 mi. W. of sta., 860 ft. W. of U. S. C. & G. S. B. M. designated "F 5", 27 ft. E. of center line of Ludlow-Weston rd., on S. end of retaining wall at point 18 in. E. of its SW. corner; top surface of wall-----	1, 026. 89
Ludlow, 1.7 mi. N. of sta., at John Penney farm, W. of State Highway 103, 66.3 ft. S. 55°30' W. of SW. corner of concrete bridge, on large boulder; drill hole (set by H. G. Garlis, Vt. Hwy. Dept., July 7, 1930)-----	1, 027. 94
Ludlow, 2.1 mi. N. of, 100 ft. NE. of junction of rd. to Rutland (State Highway 103) and rd. to Tyson (State Highway 100), at S. corner of concrete highway bridge over Branch Brook, in top of abutment; standard tablet stamped "R 25 1928"-----	1, 026. 191
Reference mark 1, 3 ft. W. of tablet, on W. corner of SE. wheel guard of above-mentioned bridge; top of wheel guard (Vt. Hwy. Dept. B. M. 3)-----	1, 027. 48
Reference mark 2, 115 ft. SW. of tablet, E. of S. point of junction of rds. to Rutland and Tyson, in root on N. side of 36-in. elm tree (S. one of two trees); 20-penny spike and washer-----	1, 030. 94
Ludlow, 2.9 mi. N. of, 2.9 mi. S. of Tyson, 60 ft. E. of rd. forks, on S. end of W. bridge seat of steel and concrete bridge over outlet of chain of ponds; chiseled square-----	1, 039. 14
Reservoir Pond (lowest of chain of ponds); surface of water July 3, 1928-----	1, 038. 1
Tyson, 1.8 mi. S. of, 30 ft. N. of rd. forks, in pasture, on top of boulder; chiseled square-----	1, 070. 23
Tyson, 1.3 mi. S. of, at Cool Edge pavilion, on NW. corner of concrete base of gas pumps; top surface of base-----	1, 054. 67
Tyson, 60 ft. N. of junction of Tyson-Reading rd. and T-rd. N. along Black River to Plymouth (State Highway 100), 13 ft. NE. of S. corner of Echo Lake Inn, on S. angle of curb around basement entrance; standard tablet stamped "R 26 1928"-----	1, 069. 972

Reference mark 1, 350 ft. NW. of tablet, at post office, in SW. angle of junction of T-rd. S. to Ludlow (State Highway 100), at NE. corner of concrete base of gasoline pump; top surface of base.....	Feet 1, 085. 72
Reference mark 2, 300 ft. W. of tablet, 90 ft. S. of rd. forks at post office, 18 ft. S. of SW. corner of store building, 20 ft. E. of center line of Ludlow rd. (State Highway 100), on embedded boulder; chiseled square.....	1, 083. 14
Tyson, 0.7 mi. NE. of, on rd. to Felchville (Reading post office), 40 ft. SW. of center of crossroads, in root on E. side of 18-in. maple tree; spike and copper washer.....	1, 206. 64
Tyson, 1.4 mi. NE. of, in N. angle of rd. forks (junction of private rd. W.), on top of boulder; chiseled square.....	1, 435. 25
Tyson, 1.9 mi. NE. of, at junction of rd. SE. to Proctorsville, opposite house W. of Plymouth Kingdom School; center of rd. forks.....	1, 610. 5
Tyson, 2.0 mi. NE. of, 400 ft. NE. of Plymouth Kingdom School, 20 ft. E. of N.-S. rd., 3 ft. N. of fence corner, in line with fence E., on embedded boulder; chiseled square.....	1, 620. 41
Tyson, 2.7 mi. NE. of, at Plymouth-Reading town line; center line of rd.	1, 591. 0
Tyson, 2.8 mi. NE. of, 20 ft. N. of T-rd. S. to Proctorsville, on embedded boulder; chiseled square.....	1, 587. 03
Tyson, 3.9 mi. NE. of, 3.0 mi. W. of South Reading, 16 ft. S. of center line of rd., at summit, in line with stone fence S., in top of ledge; standard tablet stamped "R 27 1928".....	1, 954. 940
Reference mark, 150 ft. N. 70° E. of tablet, 20 ft. S. of rd., 2 ft. S. of stone fence, in root on W. side of 15-in. spruce tree; spike and copper washer.....	1, 946. 25
Sawyer Stand School, 125 ft. S. of crossroads at, 1.6 mi. W. of South Reading, on E. side of rd. to Proctorsville, in root on W. side of 18-in. rock-maple tree; spike and washer.....	1, 642. 89
South Reading, 0.7 mi. W. of, 0.9 mi. E. of Sawyer Stand School, 30 ft. NE. of center of crossroads, in root of 18-in. maple tree; spike and washer.....	1, 537. 96
South Reading, 120 ft. W. of church, at concrete highway bridge over Darby Brook, on S. end of E. abutment; standard tablet stamped "R 28 1928".....	1, 274. 428
Reference mark 1, 760 ft. W. of tablet, 530 ft. E. of schoolhouse, 20 ft. N. of center line of rd., at fence line, in root on S. side of 10-in. elm tree; spike and copper washer.....	1, 306. 01
Reference mark 2, 850 ft. E. of tablet, 100 ft. E. of Y-rd. forks, on N. end of W. abutment of concrete culvert; chiseled square.....	1, 249. 49
South Reading, 1.2 mi. E. of, 2.1 mi. NW. of Felchville (Reading post office), 20 ft. NE. of junction of T-rd. S., 15 ft. NW. of stone culvert, on embedded boulder; chiseled square.....	1, 103. 42
Felchville (Reading post office), 1.1 mi. NW. of, 550 ft. W. of deserted house N. of rd., 150 ft. E. of rd. at its N. edge, in root of 15-in. maple tree; spike and copper washer.....	1, 010. 42
Felchville, 110 ft. S. of junction of State Highway 106 and T-rd. W. (to South Reading), 30 ft. S. of town hall, in E. side of concrete base of memorial monument; standard tablet stamped "754 R 29 1928".....	754. 434
Reference mark, 85 ft. N. of tablet, at old town hall, on curved curb around NE. corner of lawn; chiseled square.....	754. 33
Felchville, 0.8 mi. N. of town hall, 15 ft. E. of State Highway 106, at rd. summit, on ledge of rock, near rd. level; chiseled square.....	864. 38

Felchville, 1.6 mi. by route taken NE. of, 200 ft. E. of junction of route rd. (to Brownsville) and T-rd. NE. (to Sheddsville Hill), on N. side of Brownsville rd., 10 ft. above rd. level, on top of ledge; chiseled square-----	Feet 844. 59
Felchville, 2.6 mi. by route taken E. of, 3 mi. SW. of Brownsville, 140 ft. W. of rd. forks, 40 ft. S. of route rd., at Best farm, on E. end of large sandstone ledge; standard tablet stamped "MAR 30 1928"--	778. 989
Reference mark, 49 ft. NW. of tablet, 25 ft. S. of rd., 15 ft. E. of bend of Mill Brook, near end of ledge; chiseled square-----	773. 52

From point near Felchville (Reading post office) north along State Highway 106 by way of Hammondsville into Woodstock quadrangle (by M. A. Roudabush in 1928; leveled twice)

Felchville, 1.1 mi. N. of, on State Highway 106, 50 ft. E. of rd. forks at steel bridge over Mill Brook, in root on S. side of 15-in. elm tree; spike and copper washer-----	848. 39
Felchville, 1.7 mi. N. of, 1.4 mi. S. of Hammondsville, 60 ft. W. of rd. forks, on ledge; chiseled square-----	890. 29
Hammondsville, 0.4 mi. S. of, at concrete bridge over mouth of Reading Hill Brook, on top of N. end of E. parapet wall; chiseled square----	941. 75
Reading Hill Brook, at mouth; surface of water July 9, 1928-----	933. 0
Hammondsville, 75 ft. N. of Grange Hall, 35 ft. W. of rd. to Plymouth by way of Bailey Mills, in line with rd. to Woodstock, in ledge; standard tablet stamped "R 31 1928"-----	968. 930
Reference mark, 600 ft. SE. of tablet, E. of highway, on N. end of ledge 20 ft. N. of highest point; chiseled square-----	958. 21
Hammondsville, 0.5 mi. NE. of, on top of NE. wing wall of concrete bridge over Reading Hill Brook; chiseled square-----	998. 78

LYNDONVILLE QUADRANGLE

[Latitude 44° 30'-44°45'; longitude 72°-72°16']

CALEDONIA AND ORLEANS COUNTIES

From Burke quadrangle near Lyndonville northwest along roads by way of Sheffield to road forks 2 miles south of Glover, thence southwest along State Highway 12 and roads into Hardwick quadrangle (by M. C. McClellan in 1928)

Lyndonville, 0.9 mi. N. of sta., 200 ft. NE. of T-rd. W., 13 ft. E. of center line of rd., in root on W. side of 42-in. elm tree; copper nail and washer-----	711. 80
Lyndonville, 0.9 mi. N., thence 0.7 mi. NW. from, at rd. forks to NW. and SW., in W. side of N. abutment of covered bridge; chiseled square-----	704. 22
Lyndonville, 2.5 mi. NW. of, on State Highway 122, 700 ft. N. of Valley Farm, on E. head wall of concrete culvert; chiseled square--	704. 82
Lyndonville, 3.0 mi. NW. of, 3.8 mi. SE. of Wheelock, at Pine Lawn Farm, 80 ft. S. of rd. fork SW. and turn in main rd., on W. side of rd., in root on E. side of 30-in. elm tree; copper nail and washer---	719. 64
Wheelock, 2.8 mi. SE. of, at Brookdale Farm, 60 ft. N. of rd. fork N., at E. side of fork, in root on NE. side of 18-in. elm tree; copper nail and washer-----	757. 13
Wheelock, 2.0 mi. SE. of, near S. corner of and in rocky hillside pasture, near point where stream runs at right angles to itself across valley, on E. side of rd. about 30 ft. from center line of rd., in prominent limestone boulder; standard tablet stamped "M 29 1928"-----	752. 035

	<i>Feet</i>
Reference mark, 40 ft. E. of tablet, in prominent black boulder; chiseled square.....	757. 92
Wheelock, 1.0 mi. SE. of, 700 ft. E. of dairy farm, near place where stream runs along S. side of rd., on N. side of rd., in root on S. side of 24-in. elm tree; copper nail and washer.....	736. 29
Millers Run, under concrete bridge 0.5 mi. S. of Wheelock; surface of water at 2 p. m. Aug. 8, 1928.....	741. 4
Wheelock, in center of park in front of town hall and across rd. E. from cemetery, at Civil War memorial, in NW. side of concrete foundation of monument; standard tablet stamped "M 30 1928"...	789. 929
Reference mark, 100 ft. NW. of tablet, in root on N. side of 24-in. pine tree; copper nail and washer.....	789. 19
Wheelock, at NW. end of village, 170 ft. S. of rd. forks at top of hill, at W. end of S. abutment of concrete bridge; chiseled square.....	818. 31
Wheelock, 1.5 mi. NW. of town hall, 0.5 mi. SE. of crossroads at Sheffield, at T-rd. S. across bridge, 20 ft. N. of junction, in root on S. side of crotched willow tree; copper nail and washer.....	853. 55
Sheffield, 150 ft. SW. of village store and post office, 100 ft. SW. of crossroads, in N. end of E. abutment of steel highway bridge; chiseled square.....	903. 81
Sheffield, 0.9 mi. N. of, at concrete highway bridge over Square Brook, in ledge at base of N. end of E. parapet wall; chiseled square.....	965. 80
Sheffield, 1.2 mi. N. of, in N. end of long rolling meadow along W. bank of stream, at point where stream leaves rd., 10 ft. W. of rd., in rock ledge; standard tablet stamped "M 34 1928".....	978. 874
Reference mark, 6 ft. S. 20° W. of tablet, in same ledge; countersunk chiseled square.....	979. 85
Sheffield, 2.2 mi. N. of, 250 ft. S. of rd. forks and turn in main rd., 60 ft. S. of private T-rd. W., 20 ft. W. of rd., in root on E. side of 20-in. maple tree; copper nail and washer.....	1, 146. 70
Sheffield, 3.4 mi. N. of, about 700 ft. S. of cemetery, 200 ft. S. of prominent black fragment of ledge, 15 ft. E. of rd., 10 ft. E. of fence corner, 1.0 ft. S. of fence line, in large, partly buried boulder flush with ground; chiseled square.....	1, 319. 48
Sheffield, 4.5 mi. N. of, 100 ft. N. of T-rd. W., at Heights School, on schoolhouse step, at point near its S. end; chiseled square.....	1, 476. 20
Sheffield, 4.6 mi. N. of, about 1,200 ft. S. of junction of rd. NW. (to Greensboro), about 800 ft. N. of schoolhouse at T-rd. W. in hollow (Heights School), on E. side of rd. about 10 ft. above rd. level, in large rock outcrop; standard tablet stamped "M 35 1928".....	1, 528. 434
Reference mark, 135 ft. S. of tablet, in same rock outcrop; chiseled square.....	1, 528. 40
Sheffield, 4.8 mi. along State Highway 122 NW., thence 0.8 mi. NW. from, 1.8 mi. SE. of junction of route rd. with State Highway 12 (to Glover), 1.2 mi. NW. of Heights School, about 0.2 mi. NW. of summit, 20 ft. NE. of rd., in line of telephone poles, in prominent boulder; chiseled square.....	1, 645. 53
Glover, 2.0 mi. S. of, 2.4 mi. NW. of Heights School, 300 ft. S. of junction of State Highway 12 and T-rd. E. to Sheffield, near center of W. head wall of concrete culvert; chiseled square.....	1, 200. 02
Glover, 2.0 mi. S. of, across rd. from last-described benchmark, in S. end of E. head wall of concrete culvert; chiseled square.....	1, 200. 67
Glover, 3.0 mi. S. of, about 1,100 ft. S. of T-rd. N., 100 ft. N. of farm, in E. end of S. abutment of small concrete bridge; chiseled square....	1, 201. 94

Glover, 3.8 mi. S. of, about 0.2 mi. N. of N. end of Clark Pond, at top of low rise about 350 ft. S. of brook crossing, on W. side of rd., inside fence line, in root on S. side of 20-in. double cedar tree; copper nail and washer-----	Feet 1, 233. 12
Clark Pond; surface of water at 2 p. m. Sept. 5, 1928-----	1, 233. 0
Glover, 4.5 mi. S. of, about 800 ft. S. of Clark Pond, 400 ft. S. of farm, about 180 ft. SW. of massive granite boulder cleft by tree, 150 ft. S. of and across rd. from soft-drink stand and watering trough, W. of rd. in pasture, about 20 ft. inside fence line, in massive granite boulder; standard tablet stamped "M 36 1928"-----	1, 260. 032
Reference mark, 160 ft. S. of tablet, about 15 ft. W. of fence line, in prominent granite boulder; chiseled square-----	1, 252. 43
Glover, 5.5 mi. S. of, 3.3 mi. N. of Greensboro Four Corners, at rd. forks (rd. SW. to Greensboro, rd. S. to Greensboro Bend), in N. end of W. head wall of concrete culvert; chiseled square-----	1, 357. 56
Greensboro Four Corners, 2.7 mi. N. of, at turn in rd. near N. end of Horse Pond, 50 ft. W. of rd., in large, prominent boulder on top of hill; chiseled square-----	1, 381. 18
Greensboro Four Corners, 2.2 mi. N. of, 100 ft. S. of shore at S. end of Horse Pond, 40 ft. S. of rd., 500 ft. W. of fork with main rd., on rock ledge; standard tablet stamped "M 19 1928"-----	1, 353. 204
Reference mark, 5 ft. SE. of tablet, in rock bench; chiseled square----	1, 351. 89
Horse Pond, at S. end; surface of water at 11:30 a. m. July 13, 1928-----	1, 343. 5
Greensboro Four Corners, 1.6 mi. NE. of, 80 ft. S. of junction of T-rd. E. to Sheffield, 20 ft. S. of main rd., in root on W. side of 20-in. bull-poplar tree; copper nail and washer-----	1, 354. 71
Greensboro Four Corners, 1.0 mi. NE. of, 500 ft. S. of farm, 40 ft. W. of rd., in root on SE. side of 24-in. tamarack tree; copper nail and washer-----	1, 342. 56
Greensboro Four Corners, 0.3 mi. S. of, 3.5 mi. NE. of Greensboro Bend, 600 ft. NE. of farmhouse with retaining wall along front of yard, 30 ft. SE. of center line of rd., in large, prominent granite boulder; chiseled square-----	1, 278. 15
Greensboro Bend, 2.2 mi. NE. of, at Glendale Farm, 100 ft. NE. of private T-rd. S., 20 ft. SE. of main rd., in root on NE. side of 15-in. pine tree; copper nail and washer-----	1, 256. 73

From Burke quadrangle northwest and north along roads to Sutton station (by
M. C. McClellan in 1928)

Sutton, 2.0 mi. SE. of, 6.2 mi. N. of Lyndonville, 200 ft. W. of junction of T-rd. S., 300 ft. N. of rocky stream bed, on S. side of rd., in root on N. side of 30-in. pine tree; copper nail and washer-----	862. 68:
Sutton, 1.2 mi. SE. of, 200 ft. NW. of Calender Brook crossing (bridge under construction), 500 ft. S. of concrete bridge over same stream, 8 ft. N. of farmhouse, on W. side of rd., in root on N. side of second maple tree from N. end of row; copper nail and washer-----	967. 99
Sutton, near S. end of village, 400 ft. S. of church, 300 ft. S. of junction of rd. NW., on W. side of rd., in ledge; standard tablet stamped "M 38 1928"-----	1, 151. 772:
Reference mark, 180 ft. N. of tablet and across rd., in root on NW. side of 30-in. pine tree; copper nail and washer-----	1, 160. 13
Sutton, 1.0 mi. N. of, 0.8 mi. S. of Sutton sta., near height of land, 30 ft. N. of entrances to fields on both sides of rd., on W. side of rd., in root on NE. side of 30-in. birch tree; copper nail and washer-----	1, 395. 52:

From Burke quadrangle northwest along State Highway 45 to Lake Willoughby
(by E. C. Wood in 1934)

Lake Willoughby, 2.5 mi. S. of S. end of, 3.9 mi. N. of West Burke, 20 ft. S. of signpost at Sutton-Newark town line, on N. end of E. capstone of granite-slab culvert; chiseled square.....	Feet 1, 155. 34
Lake Willoughby, 1.9 mi. S. of S. end of, on W. parapet of concrete bridge over Passumpsic River; chiseled square.....	1, 143. 12
Lake Willoughby, at S. end of, 100 ft. E. of souvenir store, 40 ft. N. of center line of rd., 35 ft. S. of water's edge, on top of 3- by 4-ft. embedded granite boulder; standard tablet stamped "W 2 1934".....	1, 180. 238
Reference mark, 100 ft. SW. of tablet, 25 ft. SE. of souvenir store, 15 ft. N. of center line of rd., on boulder; chiseled square.....	1, 176. 19
Lake Willoughby; surface of water June 6, 1934.....	1, 169. 7

From Memphremagog quadrangle south along State Highway 12 to Clark Pond
(by E. C. Wood in 1934)

Barton, 0.7 mi. S. of, 2.4 mi. N. of Glover, on E. end of S. parapet of Browns Bridge, at junction of State Highway 12 and gravel rd. W. to West Glover, on granite stone at end of parapet; chiseled square.....	857. 57
Glover, 1.2 mi. N. of, on E. side of State Highway 12, on top of embedded granite boulder; chiseled square.....	880. 55
Glover, 0.8 mi. N. of, on State Highway 12, on top of E. head wall of concrete culvert; chiseled square.....	884. 97
Glover, in town of, at E. end of S. abutment of single-span steel bridge over Barton River, in granite capstone; standard tablet stamped "W 3 1934".....	945. 140
Reference mark, 30 ft. S. of tablet, 60 ft. W. of highway, in center line of head wall of granite culvert; chiseled square.....	946. 50
Glover, 1.0 mi. S. of, 150 ft. S. of Y-junction of State Highways 12 and 122, on E. side of State Highway 12, on top of embedded granite boulder; chiseled square.....	1, 076. 70
Glover, 2.1 mi. S. of, at concrete bridge over small stream, on top at W. end of N. abutment; standard tablet stamped "W 4 1934".....	1, 189. 122
Reference mark, 1,155 ft. S. of tablet, on N. end of W. head wall of granite-block culvert; chiseled square.....	1, 183. 93
Glover, 3.0 mi. S. of, on top of E. end of bluestone culvert on highway; chiseled square.....	1, 205. 46
Glover, 3.9 mi. S. of, about 1 mi. N. of Clark Pond, in curve of rd., on S. end of E. head wall of small concrete bridge; chiseled square...	1, 214. 85

From Browns Bridge, near Barton, west along Barton-East Albany road into Hardwick quadrangle near Vance School (by E. C. Wood in 1934)

[Line jogs into Memphremagog quadrangle.]

Browns Bridge, 0.9 mi. W. of, on Barton-West Glover-East Albany rd., on W. end of S. head wall of concrete culvert; chiseled square...	1, 011. 18
Browns Bridge, 1.8 mi. W. of, on Barton-West Glover rd. at its junction with Barton-East Albany rd. (leading NW.), at concrete bridge over Roaring Brook, on E. wing wall of S. abutment; chiseled square.....	1, 146. 19

On West Glover-South Albany road near Beech School—a jog from Hardwick quadrangle (by E. C. Wood in 1934)

Beech School, 300 ft. W. of, 2.5 mi. N. of Daniels Pond outlet, 2.7 mi. SW. of West Glover, at concrete bridge over small stream, on top of W. wing wall of N. abutment; standard tablet stamped "W 16 1934".	1, 535. 823
Reference mark, 50 ft. S. of tablet, 15 ft. W. of center line of rd., in top of blue boulder; chiseled square.....	1, 541. 02

From Wheelock south along Wheelock-Danville road into Barnet quadrangle
(by B. B. Chamblin in 1935)

Wheelock, 0.6 mi. S. of rd. forks at NW. end of village, 100 ft. SE. of residence, 15 ft. W. of center line of rd., on N. side of small brook, on top of retaining wall; chiseled square-----	<i>Feet</i> 1, 077. 19
Wheelock, 1.4 mi. S. of, 1,500 ft. S. of top of hill, 50 ft. N. and 25 ft. E. from junction of rd. E., on rock outcrop; chiseled square-----	1, 247. 46
Wheelock, 2.2 mi. S. of, 50 ft. S. of junction of rd. W., 15 ft. E. of center line of rd., in root on SE. side of 24-in. maple tree; copper nail and washer-----	1, 325. 88
Wheelock, 3.0 mi. S. of, 100 ft. N. and 65 ft. E. from center of crossroads, on NW. corner of foundation of South Wheelock Methodist Church; chiseled square-----	1, 144. 26
Chandler School, 3.8 mi. S. of Wheelock, 40 ft. N. and 60 ft. E. from center of crossroads, 1 ft. S. of S. edge of school building, in rock outcrop; standard tablet stamped "1267 BC 25 1935"-----	1, 266. 872
Reference mark, 65 ft. SE. of tablet, 25 ft. N. of center line of rd., on rock outcrop; chiseled square-----	1, 269. 86
Chandler School, 1.1 mi. S. of, 25 ft. N. of fence corner, 20 ft. W. of center line of rd., in root on E. side of 24-in. spruce tree; copper nail and washer-----	1, 152. 34
Chandler School, 2.2 mi. S. of, about 0.5 mi. N. of Tampico School, 60 ft. S. of junction of dim rd. W., 15 ft. E. of center line of rd., in root on W. side of 15-in. maple tree; copper nail and washer-----	1, 214. 68

From Barnet quadrangle northeast along Danville-Lyndon road to Lyndon station (by M. A. Roudabush in 1933)

Cole Corner School, 1.0 mi. NE. of, 2.4 mi. SW. of Lyndon post office, on summit, 130 ft. E. of crossing, at N. edge of right of way, in root of 18-in. maple tree at point 3 ft. E. of tree; copper nail and washer-----	1, 426. 03
Lyndon post office, 1.8 mi. SW. of, 40 ft. S. and 30 ft. W. from center of crossroads, in root on N. side of 24-in. maple tree; copper nail and washer-----	1, 188. 39
Lyndon post office, 1.0 mi. SW. of, 0.2 mi. W. of junction of T-rd. W., 300 ft. SE. of junction of T-rd. N., 40 ft. NE. of large pine tree, in S. end of glaciated ledge; standard tablet stamped "912 MR 30 1933"-----	912. 376
Reference mark, 210 ft. N. of tablet, 190 ft. E. of junction of T-rd. N., 20 ft. N. of center line of public rd., in root on W. side of 18-in. elm tree; copper nail and washer-----	913. 48
Lyndon, 0.2 mi. W. of post office, 700 ft. W. of junction of route rd. and U. S. Highway 5, 175 ft. NE. of church, in SE. wing wall of concrete bridge to high-school building; chiseled square-----	705. 79
Lyndon, 350 ft. NE. of post office, 30 ft. E. of center line of U. S. Highway 5, in base on W. side of 12-in. elm tree; nail (Vt. Hwy. Dept. B. M. 34)-----	731. 32
Lyndon post office, 0.5 mi. NE. of, 400 ft. SW. of Canadian Pacific Ry. sta., on NE. wing wall of concrete highway bridge over Passumpsic River; chiseled square-----	704. 10

At Lyndon (by B. B. Chamblin in 1935)

Lyndon, 110 ft. N. of Canadian Pacific Ry. sta., 30 ft. S. of center of grade crossing, 15 ft. E. of center of track, on NE. corner of sewer intake; chiseled square-----	703. 35
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From Barnet quadrangle northwest and west along North Danville-Hardwick road to point 1 mile west of Coles Pond, thence southwest along road to Norrisville (Walden post office) and back into Barnet quadrangle (by M. A. Roudabush in 1833)

Cole Mountain School, about 1.2 mi. E. of, 3.9 mi. NW. of Stanton Cemetery, 50 ft. W. of Steam Mill Brook, in NE. angle of junction of rd. N., 6 ft. S. of porch of storehouse, in top of embedded boulder; chiseled square.....	Feet 2, 074. 13
Cole Mountain School, near, 0.8 mi. E. of Coles Pond at its outlet (Joes Brook), 1.0 mi. W. of Steam Mill Brook, 200 ft. W. of summit, at S. edge of rd., on ledge; chiseled square.....	2, 307. 41
Cole Mountain School, about 0.8 mi. W. of, 180 ft. W. of crossing of Joes Brook (outlet of Coles Pond), 60 ft. S. of public rd., on embedded boulder; chiseled square.....	2, 190. 91
Cole Mountain School, 1.9 mi. W. of, 4.0 mi. N. of Norrisville (Walden post office), 1.0 mi. W. of Coles Pond at its outlet (Joes Brook), 0.1 mi. SW. of junction of rd. to Hardwick and T-rd. SW. to Norrisville, 30 ft. E. of present roadway, 10 ft. W. of stone fence, in ledge; standard tablet stamped "2186 MR 32 1933".....	2, 186. 011
Reference mark, 250 ft. SW. of tablet, opposite S. end of deserted farmhouse, in root on E. side of 18-in. maple tree.....	2, 182. 69

MEMPHREMAGOG QUADRANGLE

[Latitude 44°45'-45°;³² longitude 72°-72°15']

ORLEANS COUNTY

From Irasburg quadrangle near Coventry northeast along road near Black River (U. S. Highway 5) to Newport (by F. L. Shalibo in 1922)

Coventry, 2.2 mi. NE. of, at small ravine, 40 ft. N. of center line of highway, in root of 12-in. birch tree; copper nail.....	692. 24
Coventry, 3.6 mi. NE. of, 2.2 mi. SW. of Newport, 400 ft. NE. of sharp bend in rd., 60 ft. W. of center line of highway, in large boulder; standard tablet stamped "S 49 Vt 1922".....	688. 311
Reference mark, on W. end of same boulder; chiseled square.....	688. 33
Newport, 1.3 mi. SW. of, at Coventry-Derby town line, opposite T-rd. SE., 15 ft. N. of town-line boundary stone; iron post.....	693. 94
U. S. C. & G. S. B. M. designated "R 2".....	723. 053

From Newport east and southeast along roads by way of Derby Center to West Charleston (by H. P. Kilby in 1923)

Newport; Canada Dept. Public Works B. M. designated "MMCCCXXXIII" (Geodetic Survey of Canada B. M. designated "No. MMCCCXXXIII" ³³ ; recovered by U. S. C. & G. S. and designated "Q 2").....	683. 909
Newport, at NE. edge of town, at junction of rd. to Derby Center and Allendale Farm (U. S. Highway 5), on concrete coping; chiseled square.....	691. 15
Newport, 1.8 mi. NE. of post office, 2.6 mi. W. of office of town clerk at Derby Center, about 200 ft. W. of house, on N. end of granite culvert under rd.; chiseled square.....	877. 69
Derby Center, 1.6 mi. W. of office of town clerk, at Y-junction of rd. to Glines Corner, on top of rock in Y; chiseled square.....	974. 20

³² A narrow strip of territory lying just north of latitude 45°, given as the northern limit of this quadrangle, has been included on the map for convenience. This strip extends to the United States-Canada boundary.

³³ The figures of elevation reported for this benchmark by the Geodetic Survey of Canada are 683.607. See Montgomery, R. H., *Precise leveling in Quebec south of St. Lawrence River: Canada Geodetic Survey Pub. 17, p. 33, 1929.*

Derby post office (Derby Center), in concrete walk at office of town clerk; standard tablet stamped "1923 K 1"-----	<i>Feet</i> 1,011. 790
Reference mark, 40 ft. S. of tablet, in same sidewalk; chiseled square--	1,011. 27
Derby post office, 1.0 mi. SE. of, at junction of State Highway 105 and rd. S., on W. edge of highway, on top of rock; chiseled square--	1,018. 94
Derby post office, 1.9 mi. SE. of, on E. end of granite culvert under rd.; chiseled square-----	991. 98
Derby post office, 2.6 mi. SE. of, in NW. angle of rd. forks at Moody Corner, on top of large rock; standard tablet stamped "1923 K 2"--	1,023. 970
Reference mark, 40 ft. S. of tablet, on top of rock; chiseled square---	1,024. 76
West Charleston, 2.1 mi. NW. of, 3.7 mi. SE. of Derby post office, in NW. angle of rd. forks at Kilburn Corner, 15 ft. W. of bridge, on top of rock; chiseled square-----	975. 79
West Charleston, 1.1 mi. NW. of, on W. end of concrete head wall of culvert over brook; chiseled square-----	989. 81
West Charleston, at Weymouth's drug store, on concrete base of gaso-line pump; standard tablet stamped "1923 K 3"-----	1,022. 936
Reference mark, 20 ft. from tablet, on end of drug-store step; chiseled square-----	1,022. 42

From West Charleston north and northwest along roads by way of Tice to Derby Line, thence south to Derby post office (by H. P. Kilby in 1923)

West Charleston, 0.9 mi. N. of, at junction of T-rd. E. to Morgan, at base of Morgan-Charleston town-line monument, on top of rock; chiseled square-----	1,234. 30
West Charleston, 2.3 mi. N. of, at four corners marked "Derby 4.0 mi., Morgan 2.0 mi.", in NW. angle of crossroads, in fence line, on top of rock; chiseled square-----	1,277. 36
West Charleston, 3.5 mi. N. of, 0.9 mi. SW. of South Holland School, in SE. angle of crossroads, 10 ft. E. of rd., on top of rock; standard tablet stamped "1923 K 4"-----	1,466. 640
Reference mark, 10 ft. W. of tablet, on rock; chiseled square-----	1,466. 87
South Holland School, at crossroads, at base of school flagpole, on top of large rock; chiseled square-----	1,462. 16
South Holland School, 1.0 mi. N. of, 1.8 mi. by rd. S. of Tice, on curve in rd., 6 ft. E. of rd., on top of boulder; chiseled square-----	1,468. 20
Tice, 0.2 mi. E. of, 1.9 mi. W. of Holland, 4.0 mi. (air line) SE. of Derby Line, at four corners, in SW. angle of rd., opposite house, on top of large boulder; standard tablet stamped "1923 K 5"-----	1,244. 356
Tice, 0.8 mi. NW. of, 3.0 mi. E. of Derby Line, in NE. angle of rd. forks, on top of rock; chiseled square-----	1,267. 30
Derby Line, near U. S.-Canada boundary, in concrete walk of U. S. Customs Building; standard tablet stamped "1923 K 6"-----	1,029. 321
Derby Line, 1.1 mi. S. of, on W. end of concrete culvert over Crystal Brook; chiseled square-----	994. 30
Derby Line, 2.2 mi. S. of, 2.2 mi. N. of Derby post office, at small bog, on top of guard rail on E. side of rd.; copper nail-----	962. 74
Derby post office, 1.2 mi. N. of, in N. angle at junction of rd. N., on top of granite post; chiseled square-----	1,003. 79

From West Charleston south along West Charleston-Burke road (State Highway 45) to Lake Willoughby, thence north and west by way of Evansville to Orleans (by H. P. Kilby in 1923)

West Charleston, 1.0 mi. S. of, at rd. forks, on W. end of rock culvert under rd.; chiseled square-----	1,167. 44
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West Charleston, 2.0 mi. S. of, on W. abutment of concrete culvert under rd.; chiseled square-----	<i>Feet</i> 1, 160. 13
West Charleston, 3.0 mi. S. of, at rd. forks, on top of rock at W. edge of rd.; chiseled square-----	1, 167. 87
West Charleston, 4.0 mi. S. of, at junction of T-rd. W., at W. edge of rd., on top of ledge; standard tablet stamped "1923 K 7"-----	1, 208. 198
Reference mark, 80 ft. N. 50° E. of tablet, on top of rock; chiseled square-----	1, 211. 92
West Charleston, 4.7 mi. S. of, 4.7 mi. N. of Lake Willoughby, on top of large rock at E. edge of rd.; chiseled square-----	1, 187. 79
Lake Willoughby, 3.8 mi. N. of, on top of head wall of culvert under rd.; chiseled square-----	1, 230. 42
Lake Willoughby, 2.8 mi. N. of, at E. edge of rd., opposite house, on top of rock; chiseled square-----	1, 386. 08
Lake Willoughby, 1.8 mi. N. of northernmost point, at rd. forks near East Brownington School, at W. edge of rd., on top of rock; standard tablet stamped "1923 K 8"-----	1, 383. 343
Lake Willoughby, 1.3 mi. N. of, 2.7 mi. E. of Evansville, at junction of West Charleston-Burke rd. with rd. W. to Orleans, on top of iron watering trough; chiseled cross-----	1, 338. 96
Lake Willoughby, at N. end of, at junction of West Charleston-Burke rd. with rd. SW. to Barton, on top of N. end of granite wall around cemetery; standard tablet stamped "1923 K 9"-----	1, 190. 951
Reference mark, 8 ft. S. of tablet, in same granite wall; chiseled square-----	1, 190. 86
Evansville, 1.6 mi. SE. of, 1.1 mi. W. of junction of West Charleston-Burke rd. with rd. W. to Orleans, 20 ft. W. of red barn, on top of N. end of granite culvert; chiseled square-----	1, 163. 67
Evansville, at store of George Hunt, on concrete base of gasoline pump; standard tablet stamped "1923 K 10"-----	1, 116. 157
Evansville, 1.2 mi. W. of, about 3 mi. E. of Orleans; in SW. angle of rd. forks, on top of rock on fence line; chiseled square-----	1, 083. 80
Orleans, 1.9 mi. E. of, at junction of rd. NE. to Brownington Center, on W. abutment of culvert under rd.; chiseled square-----	862. 93
Orleans, about 1 mi. E. of Central Savings Bank & Trust Co. building, 250 ft. W. of yellow house, on N. end of concrete culvert; chiseled square-----	756. 06
U. S. C. & G. S. B. M. designated "W 2"-----	739. 985

From Orleans west along Orleans-Irasburg road into Irasburg quadrangle (by H. P. Kilby in 1923)

Orleans, 0.7 mi. W. of Central Savings Bank & Trust Co. building, at junction of rd. NW. to Coventry and Newport, on top of granite post marked "Vt F A P 19"; chiseled square-----	858. 43
Orleans, 1.5 mi. W. of, in SW. angle of crossroads, opposite White School, E. of signboard, on top of rock; chiseled square-----	1, 066. 92

From point on West Charleston-Burke road (State Highway 45) 4.4 miles south of West Charleston southeast along road south of Clyde River into Island Pond quadrangle (by E. E. Harris in 1924)

West Charleston, 4.4 mi. S. of, in SE. corner of junction of rd. E. to Island Pond, on top of boulder; chiseled square-----	1, 166. 83
West Charleston, 4.4 mi. S., thence 0.6 mi. E. from, 1.4 mi. W. of Charleston Center School, on S. bank of rd. and W. edge of driveway to farmhouse, on top of rock ledge; chiseled square-----	1, 192. 85
Charleston Center School, 0.1 mi. S. of, in NE. corner of crossroads, on top of boulder; chiseled square-----	1, 196. 84

Charleston Center School, 1.0 mi. E. of, about 2 mi. NW. of Buck School, on E. bank of creek at small bridge, 30 ft. N. of rd., in top of large boulder; chiseled square----- *Feet*
1, 173. 05

From Island Pond quadrangle northwest along Morgan Center-Derby Line road to Tice (by E. E. Harris in 1924)

Holland, 0.3 mi. S. of, 4.4 mi. NW. of Morgan Center, about 0.1 mi. S. of crossing of Stearns Brook, in NE. corner of rd. forks, on stone culvert; chiseled square----- 1, 383. 84

Holland, 0.7 mi. N. of, 1.2 mi. SE. of Tice, 180 ft. W. of junction of rd. to N., on N. side of rd., on stone culvert; chiseled square----- 1, 332. 26

On Barton-East Albany road near Baker Pond—a jog from Lyndonville quadrangle (by E. C. Wood in 1934)

Browns Bridge, near Barton, 3.3 mi. NW. of, 2.8 mi. E. of Vance School, 0.9 mi. W. of Roaring Brook Farm house, 17 ft. S. of center line of Barton-East Albany rd., 35 ft. E. of bar gate on N. fence line of pasture of Roaring Brook Farm, in top of 4- by 5-ft. granite boulder; standard tablet stamped "W 5 1934"----- 1, 193. 654

Reference mark, 100 ft. N. of tablet, in pasture on opposite side of rd., 80 ft. N. of rd., in top of large boulder; chiseled square----- 1, 192. 00

MIDDLEBURY QUADRANGLE

[Latitude 44°15'–44°30'; longitude 44°–44°15']

ADDISON COUNTY

From Brandon quadrangle northeast along Ripton-South Lincoln road into Lincoln Mountain quadrangle (by F. M. Goodhue in 1903)

Ripton, 3.5 mi. N. of, 4.2 mi. SW. of South Lincoln, 75 ft. E. of bridge over brook, in NW. angle of rd. forks at Fisher School, at top of retaining wall; top of large flat stone----- 1, 415. 65

From Lincoln Mountain quadrangle near Lincoln northwest along road to Bristol (by F. M. Goodhue in 1903)

West Lincoln, at N. end of iron bridge, on E. side of N. abutment; top of boulder----- 890. 66

Bristol, at town hall (Holley Hall), in N. face of foundation at point 18 in. from its NE. corner, 1 ft. above ground; standard tablet stamped "570 Montpelier"----- 570. 958

From Cornwall, Brandon quadrangle, north along road and Rutland Railroad to New Haven Junction, thence east along road and Bristol Railroad to Bristol (by F. M. Goodhue in 1903)

Middlebury, at NE. corner of Battel Block, at middle of bay window, in marble underpinning of block, 18 in. above sidewalk; aluminum tablet stamped "366 Montpelier"----- 366. 521

Beldens, in front of sta., 6 ft. to right of track; point on limestone outcrop----- 330. 17

Brooksville, at S. abutment of iron R. R. bridge over New Haven River, on second course on E. side of abutment; top of SE. corner of squared limestone----- 299. 63

New Haven, at Congregational Church, on left outer face of entrance, on marble water table; aluminum tablet stamped "454 Montpelier" (as reset at same elevation in February 1930 by F. L. Austin)----- 454. 539

Reference mark, SW. and across rd. from above-mentioned church, in NE. corner of concrete well cap; chiseled square (set by H. H. Jones May 1, 1929) -----	<i>Fcc.</i> 454. 81
From New Haven Junction northwest along Rutland Railroad to Ferrisburg, thence east along road to Monkton, thence south to Bristol (by A. T. Paine in 1903)	
[Line jogs into Port Henry quadrangle]	
Ferrisburg, at town hall (red-brick building), on S. side of foundation 10.9 ft. from SW. corner of building, 2.5 ft. above ground, in small rectangular block of limestone; aluminum tablet stamped "217 Montpelier" -----	217. 795
Monkton, 500 ft. from creamery, opposite Ladd's Hotel, on NE. corner of four corners, in large round, flat-topped rock; aluminum tablet stamped "533 Montpelier" -----	533. 345

MILTON QUADRANGLE

[Latitude 44°30'-44°45'; longitude 73°-73°15']

CHITTENDEN, FRANKLIN, AND GRAND ISLE COUNTIES

At Fort Ethan Allen—a job north from Burlington quadrangle (by A. T. Paine in 1904)

Fort Ethan Allen, 100 ft. E. of Central Vermont Ry. sta., 10 ft. from track, in rectangular sandstone block, 2 ft. above ground; aluminum tablet stamped "309 Montpelier" -----	309. 351
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From Burlington quadrangle near Essex Junction north along Central Vermont Railway to road forks 1.8 miles east of Georgia Center (by J. B. Metcalfe in 1903; Colchester-Georgia station portion of line leveled twice)

Colchester, 250 ft. E. of sta., 10 ft. W. of N.-S. rd., in top of granite boulder; standard tablet stamped "328" -----	328. 842
Colchester, 2.8 mi. N. of, 400 ft. S. of milepost W 117, in NE. corner of Ry. crossing, on top of small granite boulder; chiseled square -----	311. 14
Colchester, 3.9 mi. N. of, 3.2 mi. S. of Milton, 200 ft. S. of trestle 9, 200 ft. N. of milepost W 118, 25 ft. E. of track, in rock ledge; standard tablet stamped "280" -----	280. 710
Milton, in W. wall of Ry. sta., in SW. corner of brick foundation; standard tablet stamped "356" -----	356. 208
Georgia sta. (East Georgia), 400 ft. S. of sta. building, 15 ft. E. of track, 4 ft. below track level, at stone arch of highway pass under Ry., in SE. corner of top face of arch; standard tablet stamped "352" -----	351. 835
Georgia sta., 3.1 mi. N. of, 1.8 mi. E. of Georgia Center, in NE. corner of Ry. crossing, in boulder; standard tablet stamped "410" -----	411. 021

From Georgia station (East Georgia) east and southeast along roads to Fairfax, thence south and west along roads by way of Essex Center into Burlington quadrangle (by J. B. Metcalfe in 1903)

Georgia sta. (East Georgia), 1.3 mi. E. of, 15 ft. S. of junction of T-rd. N., in root of 16-in. elm tree; copper bolt -----	387. 59
Georgia sta., 3 mi. E. of, about 1.7 mi. NW. of Fairfax, 50 ft. S. of School No. 11, on E. side of rd., on E. end of stone culvert; chiseled square -----	460. 08
Fairfax, 100 ft. S. of covered bridge over Lamoille River, 6 ft. W. of rd., in rock ledge; standard tablet stamped "349" -----	349. 076
Fairfax, about 1 mi. by rd. SE. of, 2.9 mi. N. of Westford, 10 ft. N. of junction of T-rd. S., in root of maple tree; copper nail -----	424. 79

Westford, 1.5 mi. N. of, 20 ft. E. of rd., 100 ft. W. of house, on rock ledge; chiseled square-----	<i>Feet</i> 532. 91
Westford, 1 mi. N. of, 300 ft. SE. of large house on W. side of rd., 20 ft. E. of rd., alongside stone fence, on rock ledge; chiseled square-----	484. 53
Westford, 400 ft. E. of covered bridge over Browns River, 65 ft. SE. of junction of T-rd. N., in rock ledge; standard tablet stamped "468"-----	467. 192
Westford, 1.5 mi. S. of, 100 ft. S. of drain crossing, 200 ft. N. of house, 12 ft. W. of rd., on rock ledge; chiseled square-----	493. 70
Westford, 2.4 mi. S. of, 7 ft. E. of rd., at top of hill, on rock ledge; chiseled square-----	575. 17
Westford, 3.4 mi. S. of, 175 ft. S. of hilltop, about same distance S. of house on E. side of rd., 10 ft. W. of rd., at bottom of stone fence, on rock; chiseled square-----	484. 13
Westford, 4.4 mi. S. of, 4 mi. NE. of Essex Center, 50 ft. S. of junction of T-rd. W. (signboard at rd. forks reads "Westford 4 miles, Essex Center 3 miles"), 20 ft. W. of rd., in rock ledge; standard tablet stamped "458"-----	457. 409
Essex Center, 2.2 mi. NE. of, in NE. corner of rd. forks, in 24-in. elm tree; copper nail-----	500. 34
Essex Center, 1.4 mi. E. of, in $\frac{1}{4}$ NW $\frac{1}{4}$ corner of junction of T-rd. N. (signboard at rd. forks reads "Westford 7 $\frac{1}{2}$ miles, Essex $\frac{1}{2}$ Junction 4 miles"), in root of 36-in. elm tree; copper nail-----	488. 90
From Georgia Center west and south west along roads to Georgia Plains, thence south and east along roads by way of West Milton to Colchester (by J. B. Metcalfe in 1903)	
Georgia Center, in SE. corner of crossroads, 30 ft. N. of brick church, in flat rock over ditch; chiseled square-----	385. 98
Georgia Center, 0.6 mi. W. of, at junction of T-rd. S., in E. corner of small triangle, on rock; chiseled square-----	357. 47
Georgia Plains, 200 ft. SW. of junction of T-rd. E., at N. entrance of brick church, in bottom step; standard tablet stamped "259"-----	259. 206
Georgia Plains, 1.5 mi. S. of, 150 ft. N. of junction of T-rd. W. to School No. 8, 15 ft. E. of rd., on rock ledge; chiseled square-----	215. 35
Georgia Plains, 2.6 mi. S. of, 25 ft. W. of rd. forks, on end of stone culvert; chiseled square-----	214. 26
Georgia Plains, 3.7 mi. by route taken S. of, 25 ft. S. of rd. forks (signboard at rd. forks reads "Milton 4 miles, St. Albans 11 miles, Burlington 17 miles"), on rock ledge; chiseled square-----	312. 76
Georgia Plains, 4.5 mi. S. of, 2.5 mi. N. of West Milton, 150 ft. W. of crossroads, 50 ft. S. of School No. 5, 10 ft. S. of rd., in rock ledge; standard tablet stamped "323"-----	324. 262
West Milton, 1.5 mi. N. of, 50 ft. SW. of junction of T-rd. E., 10 ft. W. of rd., in root of beech tree; copper nail-----	328. 13
West Milton, at bridge over Lamoille River, on SE. corner of top face of S. abutment; standard tablet-----	114. 932
West Milton, 2.0 mi. S. of, in NE. corner of crossroads, on boulder; chiseled square-----	206. 92
West Milton, 3.3 mi. S. of, 50 ft. N. of junction of T-rd. W., on W. side of rd. (signboard reading "Camp Winnisquam, Milton 5 miles"), 200 ft. S. of white schoolhouse, on top of hill E. of rd., in rock ledge; standard tablet stamped "224"-----	225. 057
West Milton, 5.1 mi. S. of, at bridge over Malletts Creek, on NE. corner of top face of abutment; chiseled square-----	104. 46

Colchester Center, 1 mi. W. of, 6.3 mi. S. of West Milton, 200 ft. N. of junction of T-rd. E., 20 ft. W. of rd., in root of 16-in. maple tree; copper nail-----	Feet 210. 37
Colchester Center, in NW. corner of main crossroads, in root of 18-in. maple tree; copper nail-----	274. 10
From point north of Georgia station (East Georgia), north along Central Vermont Railway into St. Albans quadrangle (by K. E. Schlachter in 1914)	
Oakland sta., 80 ft. N. of crossing, near W. edge of track, in boulder; chiseled square-----	462. 12

MONTPELIER QUADRANGLE

[Latitude 44°15'-44°30'; longitude 72°30'-72°45']

LAMOILLE AND WASHINGTON COUNTIES

From Camels Hump quadrangle southeast along Theodore Roosevelt International Highway (U. S. Highway 2) to Montpelier (leveled twice by H. P. Kilby in 1919, and part releveled twice by R. G. Clinite in 1927)

Waterbury, about 1 mi. SE. of post office, about 1,000 ft. SE. of covered bridge over Winooski River, at rd. forks, on W. side of highway; top of stone slab-----	431. 58
Waterbury, 2.1 mi. SE. of, 3.1 mi. NW. of Middlesex, on E. side of highway, on top of concrete wall of stone culvert; chiseled square--	431. 77
Middlesex, 1.5 mi. NW. of, 1,000 ft. NW. of covered bridge over Winooski River, 30 ft. W. of highway, in top of ledge; standard tablet stamped "458 Vt 1919"-----	458. 103
Middlesex, 0.4 mi. NW. of sta., at overhead highway bridge over Central Vermont Ry., at W. end of NW. abutment, in top of 8- by 8-in. timber; copper nail and washer-----	568. 71
Middlesex, in front of Ry. sta.; top of rail-----	536. 4
Middlesex, 150 ft. E. of steel bridge over Winooski River, 50 ft. S. of highway, 50 ft. E. of concrete building, 30 ft. N. of river, in top of ledge; aluminum tablet stamped "508 Vt 1919" (set by water-resources branch of U. S. G. S. in 1910)-----	507. 689
Middlesex, 1.1 mi. SE. of, 260 ft. SE. of milepost W 82, at highway culvert opposite Ry. crossing, on N. end of W. concrete coping; chiseled square-----	516. 84
Middlesex, 2.6 mi. SE. of, at residence of George H. Alexander, 50 ft. W. of mail box, 20 ft. N. of highway, in face of ledge at fence corner; chiseled square-----	517. 79
Silver Ledge Camp, 3.2 mi. SE. of Middlesex, 3.5 mi. NW. of Montpelier, 50 ft. S. of center line of rd., at SW. corner of lunchroom, in top of ledge; standard tablet stamped "Vt 575 1919" (as reset) ²⁴ ----	575. 524
Montpelier, 2.4 mi. NW. of, at The Hills Farm, 50 ft. SW. of house, 20 ft. E. of drain, 20 ft. N. of highway, on top of 6- by 6- by 20-in. stone, set flush with ground; chiseled square-----	512. 30
Montpelier, about 1 mi. W. of post office, at E. side of Green Mountain Cemetery, 10 ft. W. of center line of highway, 180 ft. N. of sharp turn and vault steps, under lid of water roadway box in concrete sidewalk, in ledge; bronze tablet stamped "521" (set by water-resources branch of U. S. G. S. as gage reference mark at elevation of 21.478 ft. above zero of gage)-----	521. 472
Reference mark 1, 135 ft. S. of tablet, on E. side of highway, 25 ft. N. of garage building, on lot owned by city, in root on NE. side of 30-in. maple tree; spike-----	520. 18

²⁴ This tablet was reset December 22, 1926, by R. G. Clinite. Its present site is about 80 ft. SE. of and 0.824 ft. higher than its original site.

Reference mark 2, 300 ft. SW. of tablet, in Green Mountain Cemetery, at entrance to Stowell burial place, at foot of steps cut in natural ledge, on top of stepping block; outer edge of stone directly over figure "8" in date "1897"-----	Feet 521. 30
From Camels Hump quadrangle northeast along road near Mad River to point near Middlesex (by H. P. Kilby in 1919)	
Moretown, 1.8 mi. N. of, 200 ft. S. of bridge over Stephens Brook, on L. D. Hill's place, 10 ft. E. of rd., in face of ledge; chiseled square....	564. 17
Moretown, 2.7 mi. N. of, 150 ft. N. of dwelling of Jerry Flannagan, 8 ft. W. of center line of rd., on top of large boulder; chiseled square....	567. 56
Moretown, 3.8 mi. N. of, about 100 ft. N. of Mad River, 10 ft. N. of bridge over creek, 20 ft. W. of creek, 20 ft. W. of rd., on top of ledge; standard tablet stamped "Vt 552 1919"-----	552. 186
Moretown, 4.6 mi. N. of, 30 ft. N. of covered bridge, at power house, on top of ledge in Y of rd. forks; chiseled square-----	510. 81
Moretown, 5.8 mi. N. of, on rd. known as "Lovers Lare", 50 ft. W. of power house 7, on W. edge of rd., in face of ledge; chiseled square....	480. 80
From Montpelier north along roads by way of Worcester into Hyde Park quadrangle (by H. P. Kilby in 1919)	
Montpelier, at E. entrance of post office, in face of granite pillar; aluminum tablet stamped "Vt 1919 523" (set by water-resources branch of U. S. G. S. in 1910)-----	523. 016
Montpelier, 1.1 mi. N. of, at corner of Elm and Cummings Streets, 50 ft. W. of rd., on point of ledge; chiseled square-----	539. 46
Montpelier, 2 mi. N. of post office, about 200 ft. W. of red barn, 20 ft. W. of rd.; in top of ledge; chiseled square-----	566. 99
Wrightsville, 1 mi. S. of, 3 mi. N. of Montpelier, 30 ft. S. of Dodge Brook, 100 ft. W. of rd., 15 ft. N. of building, in top of boulder; standard tablet stamped "Vt 1919 561"-----	560. 789
Wrightsville, at covered bridge over North Branch, 12 ft. S. of W. end of bridge, in top of ledge; chiseled square-----	614. 75
Wrightsville, 1 mi. N. of, 1.4 mi. S. of Putnamville, about 300 ft S. of portable sawmill, 15 ft. W. of rd., 15 ft. S. of small bridge, in face of ledge; chiseled square-----	632. 71
Putnamville, 0.3 mi. S. of post office, about 200 ft. W. of spring house, 30 ft. W. of rd., at junction of rd. E., in face of ledge; standard tablet stamped "Vt 1919 658"-----	658. 395
Putnamville, 200 ft. N. of post office, at junction of rds. to Worcester, 200 ft. S. of covered bridge over North Branch, 10 ft. E. of rd., on point of ledge; chiseled square-----	682. 78
Putnamville, 1.2 mi. N. of, 1.4 mi. S. of Worcester, 10 ft. S. of mail box of James Downs, on W. end of N. abutment of steel bridge; chiseled square-----	690. 62
Worcester, 100 ft. NW. of post office, 200 ft. W. of rd., in face of ledge on fence line; standard tablet stamped "779 1919"-----	779. 449
Worcester, 1.5 mi. N. of, 300 ft. SE. of Hunt School, at E. end of stone culvert under rd.; chiseled square-----	764. 96
Worcester, 2.6 mi. N. of, 500 ft. N. of covered bridge over North Branch, 25 ft. W. of rd., in face of ledge; chiseled square-----	816. 13
Worcester, 3.3 mi. N. of, 350 ft. N. of deserted farmhouse, 150 ft. N. of stone culvert under rd., 30 ft. E. of rd., in top of ledge; standard tablet stamped "Vt 846 1919"-----	846. 636
Worcester, 4.3 mi. N. of, 200 ft. S. of old mill, on top of stone embankment around E. edge of North Branch; chiseled square-----	859. 72

Worcester, 5.5 mi. N. of, at junction of rd. to Hardwood Flats, 8 ft. W. of center line of rd., in face of ledge; chiseled square.....	Feet 983. 67
Worcester, 6.5 mi. N. of, 1 mi. N. of junction of Hardwood Flats rd., 0.3 mi. S. of Washington-Lamoille county line, 130 ft. W. of North Branch, 10 ft. W. of rd., in rock; standard tablet stamped "Vt 1137 1919".....	1, 137. 898
Worcester, 7.7 mi. N. of, on John Reese place, 70 ft. SW. of house, 20 ft. E. of rd., on slope of ledge; chiseled square.....	1, 192. 87
Worcester, 8.8 mi. N. of, at W. edge of rd., on top of boulder; chiseled square.....	1, 229. 46
Worcester, 9.8 mi. N. of, 3.7 mi. S. of Elmore, about 1,300 ft. N. of rd. to large 2-story farmhouse, 10 ft. W. of rd., 30 ft. S. of small brook, in top of boulder; standard tablet stamped "1320 1919 Vt".....	1, 320. 637

From Hyde Park quadrangle southwest along Morrystown-Waterbury road (State Highway 100) into Camels Hump quadrangle (by H. P. Kilby in 1919)

Stowe, 3.3 mi. NE. of, 5.4 mi. SW. of Morrisville, at Morrystown-Stowe town line, 20 ft. E. of highway, on top of town-line post; spike	798. 47
Stowe, 3 mi. NE. of, about 300 ft. N. of junction of rd. to Moss Glen Falls, 30 ft. E. of highway, in face of concrete foundation of silo of J. S. Benson; standard tablet stamped "Vt 785".....	785. 785
Stowe, 1.8 mi. NE. of, about 700 ft. N. of Pucker Street School, 200 ft. SW. of yellow farmhouse, on S. end of concrete culvert under highway; chiseled square.....	738. 34
Stowe, at E. edge of town, at junction of rd. to Brownsville, 20 ft. SE. of highway, 120 ft. SW. of blacksmith shop, in base of 30-in. elm tree; spike.....	743. 19
Stowe, at S. entrance to soldiers' memorial building, in top of cement foundation directly under post office window; standard tablet stamped "723 1919".....	723. 209
Stowe, 1.1 mi. S. of, 20 ft. S. of mail box of H. W. Rawlins, 10 ft. N. of highway, on shelf in ledge; chiseled square.....	685. 06
Moscow, in front of sta. of Mount Mansfield Electric R. R.; top of rail.....	671. 3
Stowe, 3.2 mi. SW. of, 20 ft. W. of rd., on top of foundation of barn of Green Mountain Farm; chiseled square.....	741. 70
Stowe, 3.3 mi. S. of, 3.2 mi. N. of Waterbury Center, at Stowe-Waterbury town line, 50 ft. N. of town-line post, 20 ft. W. of highway, on fence line, on top of boulder; standard tablet stamped "Vt 779 1919".....	780. 092
Waterbury Center, 2.1 mi. N. of, at residence of M. E. McMahon, 30 ft. E. of center of highway, on fence line, in top of boulder; chiseled square.....	842. 00
Waterbury Center, 1 mi. N. of, 200 ft. N. of rd. forks, 200 ft. S. of dwelling of E. R. Pike, 10 ft. E. of center line of highway, in top of rock; chiseled square.....	724. 93
Waterbury Center, at W. end of town, at rd. forks near bridge over Bryant Brook, 15 ft. S. of highway, 30 ft. N. of house, in top of ledge; standard tablet stamped "654 1919".....	654. 852
Waterbury Center, 1.1 mi. SW. of, 50 ft. NE. of gate, 10 ft. W. of center line of rd., on shelf of ledge; chiseled square.....	623. 24

From point near Montpelier Junction west and south along Central Vermont Railway into Barre quadrangle (by F. L. Shalibo in 1922)

Montpelier Junction, 0.2 mi. E. of, at crossing of Central Vermont Ry. and highway, 150 ft. S. of highway, in N. coping stone of abutment at NW. corner of bridge; chiseled square.....	522. 38
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Montpelier Junction, opposite sta., in front of operator's window, on main track; top of near rail-----	<i>Feet</i> 523. 5
From Stowe northwest along Stowe-Jeffersonville road (State Highway 108) into Hyde Park quadrangle (by E. E. Harris in 1924)	
Stowe, 0.8 mi. NW. of, on N. edge of highway, in front of dwelling, in root on S. side of 24-in. maple tree; copper nail and washer-----	731. 44
Stowe, 1.8 mi. NW. of, in SE. corner of rd. forks, in root on S. side of 18-in. maple tree; copper nail and washer-----	753. 79
Stowe, 2.9 mi. NW. of, on E. edge of rd., in front of dwelling, in root on W. side of 10-in. maple tree; copper nail and washer-----	803. 54
Stowe, 4 mi. NW. of, 200 ft. S. of Brookdale Farmhouse, on E. side of highway, at concrete bridge over small creek, in E. end of N. abutment; chiseled square-----	876. 80

MOUNT CUBE QUADRANGLE ^{34a}

[Latitude 43°45'-44°; longitude 72°-72°15']

ORANGE AND WINDSOR COUNTIES

From Mascoma quadrangle near Blood Mountain northeast along Boston & Maine Railroad into Woodsville quadrangle (first-order leveling by N. A. Campbell in 1908, along route of and fitted to first-order line of U. S. Coast and Geodetic Survey)

Pompanoosuc, about 0.3 mi. S. of, at B. & M. R. R. bridge 7, on W. end of N. abutment; aluminum tablet stamped "392" (recovered by U. S. C. & G. S. in 1927 and designated "392 (U. S. G. S.)"; later reported destroyed)-----	392. 565
Pompanoosuc, in front of sta.; top of rail-----	392. 4
Thetford sta. (East Thetford post office), 1.5 mi. SW. of, E. of track, on edge of right of way; iron post stamped "402"-----	402. 018
Thetford sta., in front of sta. building; top of rail-----	408. 6
Northboro sta. (North Thetford post office), 0.1 mi. SW. of, in abutment of iron highway bridge over Connecticut River; aluminum tablet stamped "399"-----	398. 785
Northboro sta., in front of sta. building; top of rail-----	396. 5
Ely, in front of sta.; top of rail-----	430. 9
Fairlee, 1.6 mi. SW. of, W. of track, in rock; aluminum tablet stamped "414"-----	413. 929
Fairlee, in front of sta.; top of rail-----	435. 8
Fairlee, 2.1 mi. N. of, 3.3 mi. S. of Piermont sta., 430 ft. S. of private rd. crossing, 9.5 ft. W. of W. rail, about 2 ft. higher than track, in rock outcrop; aluminum tablet stamped "441"-----	440. 796
Piermont sta., 1.4 mi. S. of, E. of track, at foot of embankment; aluminum tablet stamped "438"-----	438. 545
Piermont sta., in front of sta. building; top of rail-----	430. 6
Bradford, in front of sta.; top of rail-----	405. 5

From Thetford station (East Thetford post office) northeast along Boston & Maine Railroad to Piermont station (along route of and fitted to first-order line of U. S. Coast and Geodetic Survey; by R. G. Clinite in 1927)

Thetford sta. (East Thetford post office), 400 ft. S. of sta. building, on S. side of rd. crossing, on SW. corner of concrete top over drain; chiseled cross-----	407. 68
Fairlee, 1.4 mi. S. of sta., on NE. corner of concrete base of semaphore 202; U. S. C. & G. S. chiseled square-----	413. 37

^{34a} Part of this quadrangle lies in New Hampshire.

Fairlee, 0.9 mi. S. of sta., on NW. corner of concrete base of semaphore 205; U. S. C. & G. S. chiseled square.....	<i>Feet</i> 428. 31
Fairlee, 0.4 mi. S. of sta., on SW. corner of concrete base of semaphore 208; U. S. C. & G. S. chiseled square.....	436. 58
Fairlee, in NW. angle of crossing of R. R. and highway, on SE. corner of concrete base of warning signal; chiseled square.....	432. 48
Piermont sta., 2.2 mi. S. of, 3.3 mi. NE. of Fairlee, on E. side of track, on SW. corner of concrete base of semaphore 251; U. S. C. & G. S. chiseled square.....	447. 72
Piermont sta., 1.8 mi. S. of, on W. side of track, on NE. corner of concrete base of semaphore 254; U. S. C. & G. S. chiseled square..	449. 90
Piermont sta., 1.4 mi. S. of, 30 ft. N. and 30 ft. W. of tablet stamped "438", ³⁵ on SE. corner of W. coping of culvert; U. S. C. & G. S. chisel cut.....	444. 23
Piermont sta., 0.6 mi. S. of, on E. side of track, on SW. corner of concrete base of semaphore 265; U. S. C. & G. S. chiseled square.....	444. 94
Piermont sta., 0.2 mi. S. of, on W. side of track, on NE. corner of concrete base of semaphore 268; U. S. C. & G. S. chiseled square..	435. 54

From Piermont station southeast along Bradford-Piermont road into New Hampshire (by R. G. Clinite in 1927)

Piermont sta., 0.4 mi. SE. of, on W. abutment of destroyed highway bridge over Connecticut River, ³⁶ on N. side of stone bridge seat; chiseled circle.....	401. 47
Connecticut River; high-water mark at 11 p. m. Nov. 4, 1927 ³⁷	407. 81

From East Thetford (Thetford station) west along East Thetford-Post Mills road into Strafford quadrangle (by R. G. Clinite in 1928)

East Thetford (Thetford sta.), 0.6 mi. W. of, 20 ft. N. and 25 ft. W. from rd. forks (junction of T-rd. S.), 25 ft. SW. of schoolhouse, on top of ledge; chiseled square.....	574. 81
Thetford, 0.3 mi. E. of, at junction of route rd. and rd. NE. to North Thetford (Northboro sta.); center of rd. forks.....	806. 4
Thetford, 75 ft. W. of post office, 45 ft. S. and 40 ft. W. from crossroads, in concrete post; standard tablet stamped "C 1 1928".....	938. 884
Reference mark, 25 ft. N. and 50 ft. W. from tablet, on NW. corner of stone water box; chiseled square.....	938. 74
Thetford Center, 0.4 mi. SE. of post office, 1.1 mi. NW. of post office at Thetford, 90 ft. SW. of house, on N. side of rd., at sharp turn, on top of concrete head wall; chiseled square.....	668. 37
Thetford Center, 90 ft. SW. of post office, on W. side of rd.; top of head wall.....	612. 75
Thetford Center, 0.7 mi. N. of post office, 80 ft. N. of rd., 60 ft. NW. of gate, in pasture, on W. side of old woods rd., on sloping ledge; chiseled square.....	581. 83

From Ely northwest and southwest along road by way of Lake Fairlee (State Highway 113) into Strafford quadrangle (by R. G. Clinite in 1928)

U. S. C. & G. S. standard disk stamped "N 6".....	431. 577
Ely sta., 0.3 mi. NW. of, in NW. angle of junction of U. S. Highway 5 and State Highway 113, in root of 30-in. elm tree; spike.....	463. 92

³⁵ This benchmark is on the first-order line of N. A. Campbell. For a full description of its site see p. 99.

³⁶ The bridge was washed away in a flood.

³⁷ This mark is on the corner board at the northeast corner of the old tollhouse, which stands on the site of the Vermont end of the above-mentioned bridge.

Ely sta., 1.4 mi. NW. of, in S. angle of crossroads (intersection of State Highway 113 and farm rd.), in root of 18-in. double elm tree; spike-----	Feet 764. 98
Ely sta., 2.8 mi. NW. of, 3.4 mi. NE. of Post Mills, in SE. angle of crossroads (rd. N. marked "Blood Brook Road"), in front of house, in root of double locust tree; spike-----	689. 12
Post Mills, 3.1 mi. NE. of, on W. side of northernmost part of Fairlee Lake, 1,400 ft. SW. of forks of State Highway 113 and Blood Brook rd., 45 ft. E. of highway, 30 ft. W. of lake shore, 35 ft. from N. end of exposed portion of long, narrow ledge; standard tablet stamped "C 9 1928"-----	690. 915
Reference mark, 30 ft. N. of tablet, on same ledge; chiseled square----	687. 74
Post Mills, 2.2 mi. E. of, on N. side of Fairlee Lake, at overhead foot-bridge over highway at Camp Passumpsic, on W. end of N. concrete abutment; chiseled square-----	722. 08
Fairlee Lake; surface of water August 23, 1928-----	678. 0
Post Mills, 1.8 mi. E. of post office, 3.9 mi. S. of West Fairlee Center, 100 ft. NW. of junction of State Highway 113 and rd. N. (Middle Brook rd.), 40 ft. N. of Camp Wyoda, on boulder; chiseled square--	690. 43
From Fairlee Lake northeast along roads by way of West Fairlee Center to point on State Highway 25 near Bradford (by R. G. Clinite in 1928)	
West Fairlee Center, 2.9 mi. S. of, 1 mi. N. of junction of State Highway 113 and Middle Brook rd., on E. side of Middle Brook rd., 55 ft. SE. of yellow farmhouse, inside of fence, in rear of 38-in. maple tree; spike-----	716. 61
West Fairlee Center, 2.2 mi. S. of, 2 mi. by direct rd. E. of West Fairlee, 1.8 mi. N. of Fairlee Lake, 80 ft. SW. of iron bridge, in ledge; standard tablet stamped "C 10 1928"-----	705. 294
Reference mark, 50 ft. N. and 60 ft. E. from tablet, at SE. corner of iron bridge, in root in rear of double elm tree; spike-----	699. 37
West Fairlee Center, 1.0 mi. S. of, on W. side of rd., in root of 18-in. elm tree; spike-----	719. 16
West Fairlee Center, 130 ft. NE. of rd. forks, on W. side of rd. to Bradford, at E. end of church shed, on top of ledge; chiseled square----	752. 20
West Fairlee Center, 1.0 mi. NE. of, in N. angle of rd. forks marked "West Fairlee 5 mi., Bradford 6 mi.," at foot of terrace, on shelf of embedded boulder; chiseled square-----	860. 06
West Fairlee Center, 2.0 mi. NE. of, 9 ft. E. of rd. to Bradford, 400 ft. S. of house, on ledge; chiseled square-----	1, 281. 92
West Fairlee Center, 2.6 mi. NE. of, 4.8 mi. SW. of Bradford, 80 ft. SW. of rd. forks, 550 ft. NE. of Kidderhood School, on S. side of curve in rd., 35 ft. S. of rd., in sloping ledge; standard tablet stamped "C 11 1928"-----	1, 303. 075
Reference mark, 35 ft. NE. of tablet, in root of 12-in. maple tree; spike--	1, 295. 49
Bradford, 4.1 mi. SW. of, 0.8 mi. NE. of Kidderhood School, just S. of West Fairlee-Bradford town line, in W. angle of junction of West Bradford and West Fairlee Center rds., in root of 38-in. oak tree; spike-----	1, 188. 11
Bradford, 3.2 mi. SW. of, in NW. angle of crossroads, in root in rear of forked elm tree; spike-----	944. 98
Bradford, 2.3 mi. SW. of, 20 ft. N. and 45 ft. W. from crossroads, in top of boulder; standard tablet stamped "C 12 1928"-----	787. 082
Reference mark, 80 ft. SE. of tablet, in SE. angle of crossroads, in root of 12-in. poplar tree; spike-----	784. 03

From Woodsville quadrangle southeast along Montpelier-Bradford road (State Highway 25) to Bradford, thence southeast along back road to Piermont station (by R. G. Clinite in 1928)

Bradford, 2.4 mi. by rd. NW. of, 0.8 mi. S. of bridge over Waits River, on NE. side of Montpelier-Bradford rd., in meadow, in root of 24-in. elm tree; spike.....	Feet 507. 93
Bradford, 1.1 mi. by rd. W. of, at junction of State Highway 25 and rd. marked "W. Fairlee Center 6, Fairlee Lake 10", 25 ft. S. of forks, 25 ft. SE. of iron bridge over Mill Pond Brook, in root of 22-in. elm tree; spike.....	527. 26
West Bradford; floor of covered bridge.....	482. 4
Bradford, 0.6 mi. S. of, 0.7 mi. NW. of Piermont sta., on back rd. between Bradford and Piermont (N. H.), on NE. side of triangle of rd. forks, on ledge; chiseled square.....	470. 70
Piermont sta., about 0.3 mi. W. of, at crossroads; center line of rd....	542. 5

From Fairlee west along roads to Lake Morey (by R. G. Clinite in 1928; leveled twice)

Lake Morey, at outlet at S. end of lake, on SE. corner of concrete walk over spillway; loop of figure "2" in date "1926".....	418. 063
Lake Morey; surface of water at 10:15 a. m. August 9, 1928.....	415. 7

MOUNT MANSFIELD QUADRANGLE

[Latitude 44°30'-44°45'; longitude 72°45'-73°]

FRANKLIN, LAMOILLE, AND CHITTENDEN COUNTIES

From Hyde Park quadrangle northwest along Stowe-Bakersfield road (State Highway 108) to Fletcher station, thence north along St. Johnsbury & Lake Champlain Railroad into Enosburg Falls quadrangle (by E. E. Harris in 1924)

Stowe, about 5 mi. NW. of, 4.4 mi. S. of Smugglers Notch, in NE. corner of rd. forks, at highway bridge over West Branch of Waterbury River, in E. end of S. stone abutment; chiseled square.....	961. 86
Smugglers Notch, 3.7 mi. S. of, at rd. forks, 130 ft. W. of State Highway 108, on N. side of toll rd. leading to Mount Mansfield, 70 ft. SW. of Lovejoy's toll house, in top of large boulder; standard tablet stamped "1924 H 1".....	1, 301. 659
Smugglers Notch, 2.6 mi. S. of, in bottom, at old bridge over West Branch of Waterbury River, on E. side of highway and N. side of abandoned rd. crossing branch, in root on S. side of 10-in. birch tree; copper nail and washer.....	1, 401. 37
Barnes Camp, 1.8 mi. S. of Smugglers Notch, in SW. corner of crossing of State Highway 108 and Green Mountain Club Trail, in root on S. side of 30-in. elm tree; copper nail and washer.....	1, 550. 60
Smugglers Notch, 0.6 mi. S. of, on E. side of highway and N. side of entrance to Big Spring, in top of prominent slate boulder; standard tablet stamped "1924 H 2".....	1, 803. 389
Reference mark, 75.6 ft. N. 20° W. of tablet, on top of rock outcrop; chiseled square.....	1, 812. 63
Smugglers Notch, on W. edge of height of land so known, on top of prominent boulder; chiseled square.....	2, 162. 09
Smugglers Notch, 0.8 mi. N. of, 50 ft. N. of drain crossing, on E. side of highway and N. side of dim rd., on top of large slate boulder; chiseled square.....	1, 794. 45

Smugglers Notch, 1.7 mi. N. of, on E. side of highway, 100 ft. N. of shack, at highway bridge over creek, in E. end of N. stone abutment; chiseled square-----	Feet 1, 539. 53
Smugglers Notch, 2.9 mi. N. of, 1,500 ft. S. of sawmill, on E. side of highway, at concrete bridge over main creek, in E. end of N. abutment; standard tablet stamped "1924 H 3"-----	1, 111. 283
Reference mark, 26.1 ft. S. 20° E. of tablet, in E. end of S. abutment of above-described bridge; chiseled square-----	1, 111. 14
Jeffersonville, 4.0 mi. S. of, 4.0 mi. N. of Smugglers Notch, about 1 mi. S. of South Cambridge, 200 ft. N. of dwelling, on E. side of highway, in root on W. side of 15-in. maple tree in fence line; copper nail and washer-----	1, 022. 67
Jeffersonville, 3.0 mi. S. of, 750 ft. E. of South Cambridge Community House, at rd. forks, on N. side of highway, near NE. corner of bridge, on top of boulder; chiseled square-----	874. 67
Jeffersonville, 2.5 mi. S. of, 200 ft. N. of house, on W. side of highway, at concrete culvert, in center of top face of parapet wall; standard tablet stamped "1924 H 4"-----	840. 605
Reference mark, 24.9 ft. S. 55° E. of tablet, on top of rock outcrop at edge of highway; chiseled square-----	840. 76
Jeffersonville, 1.5 mi. S. of, in SW. corner of junction of rd. SW., in root on E. side of 18-in. maple tree in fence line; copper nail and washer-----	762. 36
Jeffersonville, 0.5 mi. S. of soldiers' monument, 200 ft. S. of Brewster River Mills, at junction of rd. E., on W. side of highway, on top of prominent rock ledge; chiseled square-----	543. 88
Jeffersonville, at soldiers' monument, in center of stone step at point immediately beneath memorial tablet; standard tablet stamped "1924 H 5"-----	480. 440
Reference mark, at E. side of monument, in center of lower stone step; chiseled square-----	472. 68
Jeffersonville, 600 ft. E. of Central Vermont Ry. sta., at crossing of State Highway 108; top of rail-----	457. 9
Jeffersonville, 0.8 mi. N. of soldiers' monument, 250 ft. N. of junction of State Highway 108 and rd. to Cambridge Junction, on E. side of highway, on top of stone culvert; chiseled square-----	461. 81
Jeffersonville, 1.8 mi. N. of, 50 ft. N. of junction of farm rd. E., 60 ft. S. of junction of farm rd. W., on W. side of highway, in root on S. side of 15-in. birch tree; copper nail and washer-----	522. 45
Jeffersonville, about 2 mi. N. of, at crossing of St. Johnsbury & Lake Champlain R. R. and State Highway 108; top of track-----	508. 6
Jeffersonville, 2.7 mi. N. of, 2.3 mi. S. of Fletcher sta. (East Fletcher), 40 ft. S. of junction of T-rd. W., on E. bank of highway, 30 ft. E. of fence line, on shelf at S. end of prominent rock ledge; standard tablet stamped "1924 H 6"-----	485. 520
Fletcher sta., 1.6 mi. S. of, on W. side of highway, on top of small stone culvert; chiseled square-----	452. 29
Fletcher sta., 0.6 mi. S. of, on E. side of highway, at concrete bridge over creek, on E. end of S. abutment; chiseled square-----	439. 55
Fletcher sta. (East Fletcher), 350 ft. NW. of sta. building, 60 ft. S. of R. R. crossing of highway, 25 ft. W. of track, on E. side of Black Creek, in center of large stone in retaining wall; standard tablet stamped "1924 H 7"-----	425. 492
Reference mark, 38.4 ft. S. 40° E. of tablet, in stone at SW. corner of trestle; bottom of chiseled hole-----	426. 29

Fletcher sta., 1.2 mi. N. of, 120 ft. E. of track, on N. side of dim farm rd., in root on S. side of 15-in. maple tree; copper nail and washer.....	Feet 416. 83
Fletcher sta., 2.2 mi. N. of, 3.2 mi. SE. of East Fairfield, on W. side of track, on top of stone culvert marked "75 D"; chiseled square.....	413. 69
From Jeffersonville west along road skirting Lamoille River (State Highway 104) into Milton quadrangle (by E. E. Harris in 1924)	
Jeffersonville, 1 mi. W. of soldiers' monument, 1.7 mi. E. of Cambridge, on S. side of State Highway 108, opposite house, in root on N. side of 30-in. elm tree; copper nail and washer.....	448. 28
Cambridge, near NE. corner of village, 50 ft. N. of covered bridge, in center of rd. forks (rds. leading in three directions), on E. side of rim of iron watering trough, in concrete block; chiseled cross.....	449. 73
Cambridge, 850 ft. W. of post office, 600 ft. E. of R. R. crossing, on S. side of highway, at concrete culvert, in center of top of parapet wall; standard tablet stamped "1924 H 8".....	450. 786
Reference mark, 64.4 ft. S. 40° E. of tablet, in root on S. side of 15-in. elm tree; copper nail and washer.....	447. 30
Cambridge, 1.0 mi. W. of, on N. side of R. R. track, 500 ft. W. of rd. crossing, 80 ft. N. of highway, on E. side of private rd. to house, in root on S. side of 24-in. maple tree; copper nail and washer.....	468. 51
Cambridge, 2.0 mi. W. of, on N. side of rd., in E. end of concrete culvert; chiseled square.....	456. 32
Cambridge, 3.3. mi. W. of, on Riverview Farm, 400 ft. W. of small bridge, 100 ft. E. of dwelling, 30 ft. S. of rd., in rock ledge; standard tablet stamped "1924 H 9".....	442. 172
Reference mark, 93 ft. N. 30° W. of tablet, in root on W. side of 36-in. elm tree; copper nail and washer.....	445. 69
Cambridge, 4.1 mi. W. of, on N. side of highway, at top of grade, in front of abandoned house, in root on W. side of 30-in. poplar tree; copper nail and washer.....	445. 22
Cambridge, 5.1 mi. W. of, 1.1 mi. E. of Fairfax Falls, 650 ft. W. of junction of T-rd. S., in small clearing on S. side of rd., 20 ft. W. of gate, in fence line, on top of small rock outcrop; chiseled square....	445. 82
Fairfax Falls, at bridge over Lamoille River, on SW. bank of river, on top of upstream wing of SW. bridge abutment, 7 ft. from end of wing; standard tablet stamped "10 H 1924" (as reset) ³⁸	436. 735
Reference mark, about 100 ft. S. of tablet, on large boulder of retaining wall; bottom of chiseled hole.....	430. 54
Fairfax Falls, 0.7 mi. N. of, 400 ft. N. of junction of T-rd. E., at small bridge over Stones Brook, on E. side of highway, in NE. corner of concrete bridge floor; chiseled square.....	349. 70
Fairfax Falls, 1.1 mi. N. of, 0.8 mi. E. of Fairfax, on S. side of highway, in front of dwelling, in root on S. side of 18-in. pine tree; copper nail and washer.....	355. 91
From point near Cambridge south along Central Vermont Railway to Cloverdale, thence south along Cambridge-Jericho Center road into Camels Hump quadrangle (by E. E. Harris in 1924)	
Cloverdale, 1.8 mi. N. of, about 3 mi. by Ry. SW. of Cambridge, 3.0 mi. S. of Chittenden-Franklin county line, 80 ft. N. of rd. crossing, 30 ft. W. of Ry. track, at concrete culvert, in center of top of parapet wall; chiseled square.....	570. 90

³⁸ This tablet was reset in November 1929 by F. R. Pyle, of Burlington, Vt. Its present site is 71 ft. east of and 2.780 ft. higher than its original site, which was in a prominent rock ledge southwest of the bridge.

Cloverdale, 1.2 mi. N. of, 1,900 ft. S. of milepost marked "C. Jct. 7", on W. side of track, at concrete culvert marked "10-B", in center of top of parapet wall; chiseled square.....	<i>Feet</i> 598. 64
Cloverdale, 0.7 mi. N. of sta., in S. end of W. guard rail of Ry. trestle 11; top of iron bolt.....	612. 58
Cloverdale, in front of sta.; top of rail.....	638. 2
Cloverdale, 550 ft. S. of sta., 100 ft. S. of crossing of State Highway 15, on E. side of track, 20 ft. E. of fence line, in top of large granite boulder; standard tablet stamped "1924 H 11".....	641. 783
Reference mark, 83.2 ft. N. 70° W. of tablet, on top of large boulder; chiseled square.....	639. 20
Cloverdale, 1.1 mi. S. of sta., on W. side of State Highway 15, 80 ft. N. of house, at concrete culvert, in center of top of parapet wall; chiseled square.....	719. 78
Cloverdale, 2.0 mi. S. of, 100 ft. S. of junction of State Highway 15 and T-rd. W., on W. side of highway, at concrete culvert, in center of top of wing wall; chiseled square.....	740. 58
Cloverdale, 2.6 mi. S. of, 100 ft. S. of Creek School, on E. side of highway, in root on W. side of 15-in. maple tree in fence line; copper nail and washer.....	752. 66
Cloverdale, 3.3 mi. S. of, 2.5 mi. N. of Underhill, on W. edge of rd., opposite house, 500 ft. S. of junction of State Highway 15 and T-rd. W., at concrete culvert, in center of top of parapet wall; standard tablet stamped "1924 H 12".....	777. 106
Reference mark, 84.8 ft. N. of tablet, in root on S. side of 24-in. maple tree; copper nail and washer.....	778. 31
Underhill, 1.4 mi. N. of, 750 ft. N. of junction of State Highway 15 and T-rd. W., on E. side of highway, on top of large boulder 4 ft. S. of forked maple tree; chiseled square.....	716. 75
Underhill, 0.5 mi. N. of post office, in SE. corner of rd. forks, at concrete bridge over Roaring Brook, in W. end of NE. wing wall; chiseled square.....	718. 50
Underhill, 500 ft. S. of post office, on E. edge of highway, at front entrance to Methodist Church; in NW. corner of top stone; standard tablet stamped "1924 H 13".....	706. 483
Reference mark, 109.9 ft. N. 30° E. of tablet, in root on N. side of 20-in. elm tree; copper nail and washer.....	704. 41
Underhill, 1.0 mi. S. of, in NW. corner of junction of rd. to Burlington (State Highway 15) and rd. to Jericho Center, in center of concrete culvert; chiseled square.....	669. 74
Underhill, 1.8 mi. S. of, 2.3 mi. N. of Jericho Center, on E. side of rd., near top of grade, on top of prominent boulder; chiseled square....	808. 57

From junction of Stowe-Bakersfield road (State Highway 108) and Mount Mansfield toll road northwest along toll road and trail to summit of Mount Mansfield (by E. E. Harris in 1924; leveled twice)

Mount Mansfield rd. toll house, 1.0 mi. W. of, on E. edge of sharp turn in rd., at camp site, in root on W. side of 12-in. elm tree; copper nail and washer.....	1, 868. 12
Mount Mansfield rd. toll house, 2.1 mi. W. of, 2.2 mi. SE. of Mount Mansfield Hotel, on S. edge of angle in rd., on top of prominent boulder; chiseled square.....	2, 476. 20
Mount Mansfield Hotel, 1.2 mi. E. of, on W. edge of sharp turn in rd., in prominent slate ledge; standard tablet stamped "1924 H 51"....	3, 119. 889
Reference mark, 40 ft. S. of tablet, on top of boulder; chiseled square....	3, 117. 60

Mount Mansfield Hotel, at W. side of building, 2 ft. W. of corner post of porch, in top of slate ledge; standard tablet stamped "1924 H 30".....	Feet 3, 849. 212
Reference mark, just W. of hotel building, at junction of toll rd. and trail to "The Chin" (Green Mountain Club Trail), on slate ledge; chiseled square.....	3, 856. 93
Mount Mansfield Hotel, 0.5 mi. N. of, along ridge, in trail to "The Chin", on prominent table rock; chiseled square.....	3, 964. 47
Mount Mansfield Hotel, 1.2 mi. N. of, on top of ridge known as "The Chin", 18 in. due N. of U. S. C. & G. S. triangulation sta. designated "Chin 1897"; standard tablet stamped "1924 H 52".....	4, 393. 349
Reference mark, 70 ft. S. of tablet, on ledge; chiseled square.....	4, 390. 50

From Jeffersonville east along road just south of Lamoille River (State Highway 15) into Hyde Park quadrangle (by E. E. Harris in 1924)

Cambridge Junction, 1.0 mi. E. of soldiers' monument at Jeffersonville, in SE. corner of crossroads, in top of concrete culvert; chiseled square.....	480. 30
Cambridge Junction, 1.0 mi. NE. of, on S. edge of highway, in bottom, in top of concrete culvert; chiseled square.....	505. 15
Cambridge Junction, 1.9 mi. NE. of, on S. side of angle in highway, 15 ft. above rd. level, on prominent rock outcrop; standard tablet stamped "1924 H 53".....	489. 662
Reference mark, 74 ft. N. of tablet, on top of boulder; chiseled square.....	483. 38
Cambridge Junction, 2.8 mi. E. of, on S. edge of angle in highway, opposite dwelling, in center of concrete culvert; chiseled square....	487. 62
Cambridge Junction, 3.8 mi. E. of, 4.3 mi. W. of Johnson, 430 ft. W. of Cambridge-Johnson town line, on S. edge (bank) of rd., opposite house, on E. side of gate, in root on W. side of 30-in. maple tree; copper nail and washer.....	512. 81

From Cambridge northwest along winding roads by way of Parsons School to Fletcher (by E. E. Harris in 1924; single spur line)

Cambridge, 1.2 mi. by route taken N. of post office, 60 ft. S. of junction of rd. to Binghamville with rd. to North Cambridge, on W. side of rd. to Binghamville, in root on E. side of 24-in. pine tree; copper nail and washer.....	449. 89
Cambridge, 2.2 mi. N. of, 0.6 mi. SW. of Parsons School, about 0.4 mi. NE. of junction of rd. to Binghamville with rd. to Parsons School, on E. side of rd., just N. of top of grade, in root on S. side of 18-in. locust tree; copper nail and washer.....	657. 67
Cambridge, 3.4 mi. N. of, 1.7 mi. W. of North Cambridge, 1.6 mi. E. of Fletcher, 0.6 mi. N. of Parsons School, 80 ft. S. of rd. forks, on W. side of rd., near house, in top of boulder; standard tablet stamped "1924 H 59".....	700. 259
Reference mark, 57 ft. N. 75° E. of tablet, in root on S. side of 15-in. maple tree; copper nail and washer.....	699. 72
Fletcher, 0.9 mi. NE. of, on North Cambridge-Fletcher rd., 20 ft. W. and 40 ft. S. from crossroads, on top of flat boulder; chiseled square..	689. 36
Fletcher, at junction of Fletcher-Binghamville rd. and T-rd. W., on E. side of rd., in root on W. side of 30-in. pine tree; copper nail and washer.....	628. 48

PLAINFIELD QUADRANGLE

[Latitude 44°15'-44°30'; longitude 72°15'-72°30']

WASHINGTON, CALEDONIA, AND LAMOILLE COUNTIES

From northeast corner of Barre quadrangle northeast along highways to Walden station, thence northwest into Hardwick quadrangle (by M. C. McClellan in 1928)

East Montpelier, 0.2 mi. NE. of, 400 ft. NE. of junction of State Highways 12 and 18, at junction of rd. N., 30 ft. NW. of State Highway 18, in ledge on S. side of outcrop; standard tablet stamped "M 5 1928"-----	Feet 727. 678
Reference mark, 60 ft. W. of tablet, driven in ledge; top of machine bolt-----	721. 63
Winooski River under covered bridge E. of East Montpelier; surface of water at 3:30 p. m. May 29, 1938-----	663. 7
East Montpelier, 1.8 mi. NE. of, 500 ft. W. of Twin Pine Farm, at junction of dim T-rd. S., on S. side of highway, in root on W. side of 15-in. pine tree; copper nail and washer-----	730. 73
Plainfield, 1.5 mi. SW. of, 500 ft. E. of crossroads, in S. end of E. abutment of steel highway bridge; standard tablet stamped "M 6 1928"-----	680. 178
Reference mark, at S. end of W. abutment, in bridge seat; top of E. rivet (inside row)-----	681. 65
Winooski River, under above-mentioned bridge; surface of water at 12 noon May 29, 1928-----	669. 2
Plainfield, in center of village, at N. end of bridge just above dam, in top of W. end of parapet; chiseled square-----	762. 02
Winooski River, above dam at Plainfield; surface of water at 11 a. m. May 31, 1928-----	739. 9
Plainfield, at NE. corner of Methodist Church, in foundation on E. side, 2.5 ft. above ground; aluminum tablet (not stamped; set by water-resources branch of U. S. G. S.)-----	755. 223
Plainfield, 1.5 mi. NE. of, at curve in rd., 500 ft. W. of farmhouse, 100 ft. W. of fence corner, on N. side of highway, in large flat-topped boulder; chiseled square-----	759. 14
Plainfield, 3 mi. NE. of, at level stretch of highway constructed on hill-side, on W. side of highway, in natural ledge; standard tablet stamped "M 7 1928"-----	823. 726
Reference mark, 30 ft. SW. of tablet, in same ledge, in piece of quartz; chiseled bench-----	825. 33
Plainfield, 4 mi. NE. of, 300 ft. NE. of farm with three red barns, 50 ft. E. of curve in rd., in W. one of two massive boulders; chiseled square-----	815. 22
Marshfield, 2 mi. SW. of, at B. L. Cameron farm, 100 ft. NE. of house, 10 ft. S. of rd., in top of massive granite boulder; standard tablet stamped "M 8 1928"-----	811. 371
Reference mark, 150 ft. SW. of tablet, 20 ft. SE. of highway, in root on N. side of 18-in. elm tree; copper nail and washer-----	802. 57
Marshfield, 1 mi. SW. of, at junction of private T-rd. S., on N. side of rd., in root of 12-in. elm tree; copper nail and washer-----	784. 01
Marshfield, at W. end of village common, 50 ft. N. of St. Johnsbury rd., 100 ft. W. of rd. to Cabot, in ledge; aluminum tablet stamped "M 9 1928"-----	857. 308
Reference mark, 8 ft. SW. of tablet, in ledge; chiseled square-----	855. 34

Marshfield, 1 mi. E. of, 100 ft. E. of junction of T-rd. S. to Mollys Brook power plant, on N. side of highway, in root on E. side of 12-in. tamarack tree; copper nail and washer-----	Feet 888. 97
Lower Cabot, 200 ft. NE. of village school, 50 ft. W. of highway, in ledge; standard tablet stamped "M 10 1928"-----	946. 902
Reference mark, 60 ft. SW. of tablet, in ledge; chiseled square-----	943. 45
Cabot, 1 mi. SW. of, 100 ft. E. of junction of rd. NE., at SW. end of NW. abutment of concrete highway bridge; chiseled square-----	943. 99
Cabot, at upper end of village, 100 ft. N. of junction of rd. NW., in front of Merritt's garage, on E. side of highway, in base at SW. corner of N. gasoline pump; chiseled square-----	1, 076. 39
Cabot, 1 mi. NE. of, at Spring Farm (owned by R. A. Simpson), 300 ft. NE. of house, 160 ft. E. of highway, in massive, partly buried limestone boulder; standard tablet stamped "M 47 1928"-----	1, 372. 484
Reference mark, 5 ft. S. of tablet, in rock; chiseled square-----	1, 371. 40
Cabot, 1.2 mi. NE. of, 80 ft. NE. of junction of rd. E., on NW. side of rd., at private drive, in root on NE. side of 20-in. maple tree; copper nail and washer-----	1, 447. 33
Cabot, 1.8 mi. NE. of, across rd. from school, on NW. side of highway, in root on S. side of 40-in. elm tree; copper nail and washer-----	1, 530. 16
Walden sta., 1.5 mi. SW. of, at turn in main rd. SW., at foot of steep hill, 30 ft. N. and 20 ft. E. from junction of rd. N., in root on SW. side of 18-in. maple tree; copper nail and washer-----	1, 618. 94
Walden sta., 1 mi. SW. of, near summit of highway, 60 ft. S. and 30 ft. E. from junction of rd. S., in root on N. side of 30-in. elm tree; copper nail and washer-----	1, 823. 27
Walden sta., about 0.3 mi. SW. of, 150 ft. W. of rd. forks, on S. side of highway across from Burbank homestead, in root on S. side of 20-in. maple tree; copper nail and washer-----	1, 672. 28
Walden sta., about 1,000 ft. N. of, along St. Johnsbury & Lake Champlain R. R., 260 ft. S. of highway underpass, 20 ft. E. of E. rail, in massive, partly buried slab; standard tablet stamped "M 46 1928"-----	1, 665. 016
Reference mark, 260 ft. N. of tablet, in top of W. end of S. abutment of highway underpass; chiseled square-----	1, 654. 36
South Walden, 1 mi. SE. of, at top of steep hill, about 500 ft. NW. of farm, on SW. side of rd., in root on S. side of 18-in. maple tree; copper nail and washer-----	1, 445. 76
South Walden, across rd. from village store and post office, on E. side of rd., in root on W. side of 36-in. elm tree; wire nail (Vt. Dept. Public Rds. B. M. 21)-----	1, 231. 59
Hardwick, 4.2 mi. SE. of, 150 ft. S. of crest of hill, 60 ft. SW. of SW. corner of farmhouse owned by Leavitt & Benjamin, 700 ft. N. of concrete highway bridge, on SW. side of highway, in root of 24-in. pine tree; copper nail and washer-----	1, 117. 67
Hardwick, 3 mi. SE. of, at top of low rise where stream turns away from fill, at E. side of rd., in root on S. side of 18-in. elm tree; copper nail and washer-----	1, 011. 08
Hardwick, 2.5 mi. E. of, at junction of State Highways 12 and 15, at N. end of E. abutment of concrete highway bridge; chiseled square-----	959. 59
From East Montpelier north-northeast along State Highway 12 by way of Woodbury into Hardwick quadrangle (by M. C. McClellan in 1938)	
East Montpelier, 1 mi. N. of, near turn in highway, at top of hill, 40 ft. E. of highway, in root on W. side of 22-in. pine tree; copper nail and washer-----	760. 71

North Montpelier, 1 mi. S. of, at junction of T-rd. W., on E. side of highway, in yard of Elmwood Farm house, in root on W. side of 18-in. elm tree; copper nail and washer.....	Feet 812. 74
Kingsbury Branch, above dam and bridge at North Montpelier; surface of water at 3 p. m. June 12, 1928	689. 9
North Montpelier, in rear of village store and post office, 50 ft. W. of highway, 60 ft. N. of stream bank, just below upper dam, in rock outcrop; standard tablet stamped "M 11 1928".....	712. 004
Reference mark, 4 ft. N. of tablet, in natural step in ledge; chiseled square.....	711. 17
Kingsbury Branch mill pond, under covered bridge at North Montpelier; surface of water at 9 a. m. June 13, 1928.....	702. 6
North Montpelier, 1.2 mi. N. of, at Carns School, 30 ft. S. and 30 ft. W. from crossroads, in root on E. side of 48-in. elm tree; copper nail and washer.....	785. 21
North Montpelier, 1.9 mi. N. of, 200 ft. S. of curve in highway, on W. side of highway across from gray brick house, in root on NE. side of small spruce tree; copper nail and washer.....	738. 27
North Montpelier, 2.5 mi. N. of, 100 ft. S. and 50 ft. W. from junction of T-rd. E., in farmyard, 50 ft. S. of house, in root on E. side of 48-in. elm tree; copper nail and washer.....	730. 98
North Montpelier, 3.8 mi. N. of, 50 ft. W. of junction of rd. SW., in root on S. side of 18-in. elm tree; copper nail and washer.....	746. 88
East Calais, near N. end of village, 50 ft. E. of junction of T-rd. W., at NW. corner of vacant lot, in root on E. side of 16-in. maple tree, 3 ft. from base of tree; wire nail and copper washer.....	869. 57
East Calais, 1.3 mi. N. of, at junction of dim rd. NE., on E. side of main rd., in root on W. side of 24-in. elm tree; copper nail and washer.....	889. 11
East Calais, 2 mi. N. of, 0.2 mi. S. of Woodbury Pond, at camp named "Sunshine Cottage", 10 ft. E. of highway, in root on N. side of 30-in. pine tree; copper nail and washer.....	935. 71
Woodbury Pond, at N. end of; surface of water at 12 noon June 18, 1928.....	922. 8
South Woodbury, 1 mi. S. of, 0.2 mi. N. of Woodbury Pond, on E. side of highway, on fence line, in root on N. side of 36-in. pine tree; copper nail and washer.....	978. 11
South Woodbury, 0.3 mi. NE. of, 50 ft. N. of junction of highway and short cut to village, on W. side of highway, in root on E. side of 20-in. elm tree; copper nail and washer.....	1, 053. 94
South Woodbury, 0.9 mi. N. of, 1,000 ft. N. of junction of rd. NE. to old dam; 500 ft. W. of upper end of mill pond, 100 ft. W. of highway, 100 ft. S. of brook, in rock outcrop; standard tablet stamped "M 12 1928".....	1, 075. 381
Reference mark, 30 ft. SW. of tablet, in prominent granite boulder; chiseled square.....	1, 080. 07
Woodbury, at S. end of village, 100 ft. S. of last house on E. side of street, 30 ft. N. of brook crossing, on E. side of highway, in root on N. side of 30-in. tamarack tree; copper nail and washer.....	1, 167. 20
Woodbury, 1 mi. N. of, 4.7 mi. S. of Hardwick, at N. end of straight, level stretch of rd., on W. side of highway, in massive white boulder; standard tablet stamped "M 39 1928".....	1, 193. 439
Reference mark, 20 ft. N. of tablet, in root on E. side of 20-in. birch tree; copper nail and washer.....	1, 190. 00

Hardwick, 4.2 mi. S. of, at top of steep grade, 100 ft. S. of junction of T-rd. W., 20 ft. S. of junction of rd. SE., on E. side of highway, in prominent boulder; chiseled square	Feet 1, 216. 59
Hardwick, 2.7 mi. S. of, 900 ft. S. of Cold Spring, at bend in highway, 30 ft. N. of point of curve and culvert, in massive, partly buried granite boulder; chiseled square	919. 23
Hardwick, 2.2 mi. S. of, 250 ft. E. of rd. turn SW., 400 ft. W. of rd. turn NW., at bend in highway, 20 ft. S. of point of intersection, in top of E. wheel guard of granite culvert; chiseled square	874. 80
Hardwick, 1 mi. S. of, just over low rise, 400 ft. N. of two farms across rd. from each other, on W. side of rd., in root on N. side of 30-in. elm tree; copper nail and washer	825. 47

From Plainfield southeast along road to Groton into Corinth quadrangle (by
B. B. Chamblin in 1935)

Plainfield, 0.7 mi. SE. of, at junction of rd. S., 25 ft. W. of center line of route rd., on large boulder; chiseled square	847. 17
Plainfield, 1.7 mi. SE. of, opposite junction of rd. E., 75 ft. W. of center line of route rd., on flat rock; chiseled square	958. 93

From Barnet quadrangle northwest along road to East Cabot, thence north-
east along Montpelier-Danville road (State Highway 18) and back into
Barnet quadrangle (by M. A. Roudabush in 1933)

East Cabot, 1.3 mi. SE. of, 0.2 mi. NW. of Washington-Caledonia county-line crossing, 15 ft. NE. of rd., in root on SW. side of 24-in. maple tree (easternmost tree in row); copper nail and washer	1, 747. 72
East Cabot School, 18 ft. S. of school building, 70 ft. E. of rd. forks, in top of exposed ledge; standard tablet stamped "1599 MR 19 1933"	1, 598. 766
Reference mark, 5.6 ft. SE. of tablet, in top of same ledge; chiseled square	1, 599. 03
East Cabot School, 330 ft. N. of school building, 20 ft. W. of State Highway 18, in root on SE. side of 12-in elm tree; spike and washer (Vt. Hwy. Dept. B. M. 41)	1, 629. 02
East Cabot, 0.3 mi. NE. of, 30 ft. W. of center line of highway, in root on E. side of 10-in. birch tree; spike and washer (Vt. Hwy. Dept. B. M. 43, elev. 1,705.54 ft.)	1, 706. 12
East Cabot, 0.4 mi. NE. of, 17 ft. W. of center line of highway, in root on S. side of 12-in. elm tree; spike and washer (Vt. Hwy. Dept. B. M. 44, elev. 1,711.54 ft.)	1, 712. 11
East Cabot, 0.8 mi. NE. of, 23 ft. W. of center line of highway, in root on E. side of 20-in. maple tree; spike and washer (Vt. Hwy. Dept. B. M. 46, elev. 1,698.96 ft.)	1, 699. 56
East Cabot, 1.0 mi. NE. of, 65 ft. S. of farmhouse, 5 ft. W. of center line of highway, in root on NE. side of 36-in. maple tree; spike and washer (Vt. Hwy. Dept. B. M. 47, elev. 1,680.94 ft.)	1, 681. 57

From Barnet quadrangle northwest along St. Johnsbury & Lake Champlain
Railroad to Walden station (by M. A. Roudabush in 1933 and M. C. McClellan
in 1928)

Walden sta., 1.8 mi. along R. R. SE. of, 80 ft. SE. of public crossing, in massive prominent boulder; standard tablet stamped "M 48 1928 1620"	1, 620. 771
Reference mark, 150 ft. NE. of tablet, in NW. base of 12-in. spruce tree; copper nail and washer	1, 614. 84

Walden sta., 1 mi. along R. R. S. of, 20 ft. W. of public crossing, 7 ft. N. of NE. edge of N. rail, 5 ft. S. of W. post of pipe guard rail, on top of stone retaining wall; chiseled square.....	Feet 1, 665. 94
Walden sta., 0.8 mi. along R. R. S. of, 300 ft. W. of public crossing, 170 ft. SW. of milepost "St J 19", 50 ft. S. of track, in massive boulder; chiseled square.....	1, 701. 25

PORT HENRY QUADRANGLE ³⁰

[Latitude 44°-44°15'; longitude 73°15'-73°30']

ADDISON COUNTY

In and near Vergennes—a jog from Middlebury quadrangle (by A. T. Paine in 1903)

Vergennes, at entrance to town hall; corner of second step.....	236. 15
Vergennes, 1.2 mi. NW. of Rutland R. R. sta., 1 mi. S. of Ferrisburg, about 0.9 mi. S. of R. R. bridge over Little Otter Creek, S. of tracks; top of small marble post.....	194. 44

RANDOLPH QUADRANGLE

[Latitude 43°45'-44°; longitude 72°30'-72°45']

ORANGE AND WINDSOR COUNTIES

From Strafford quadrangle at point on White River northwest along Central Vermont Railway to Bethel, thence southwest along White River Railroad into Rochester quadrangle (by K. E. Schlachter in 1915)

South Royalton, 1 mi. SE. of, 15 ft. S. of rd. crossing, in E. side of stone culvert; chiseled square.....	491. 92
South Royalton sta., 550 ft. SE. of, in E. end of N. abutment of Ry. bridge over highway; standard tablet stamped "502".....	502. 688
South Royalton, in front of sta.; top of rail.....	504. 5
South Royalton, 0.9 mi. NW. of, at W. end of cut through rock, at N. margin of track, in ledge; chiseled square.....	517. 93
Royalton sta., at main-line track; top of S. rail.....	513. 6
Royalton sta., 0.7 mi. W. of, 0.8 mi. SE. of rd. forks at North Royalton, at Ry. bridge over highway, in S. end of E. abutment; standard tablet stamped "504".....	504. 546
North Royalton, 1.2 mi. W. of, 2.7 mi. SE. of Bethel, at rd. crossing, 200 ft. W. of milepost "W 36", in N. side of stone culvert; chiseled square.....	535. 20
Bethel, in front of Central Vermont Ry. sta., 10 ft. E. of track, in concrete platform; standard tablet stamped "573".....	573. 033
Bethel, at White River R. R. sta.; top of rail.....	544. 1
Bethel, 2.2 mi. SW. of, at small R. R. bridge, in S. end of E. abutment; chiseled circle.....	584. 57
Bethel, 3.7 mi. SW. of, 2.3 mi. NE. of Gaysville, 10 ft. S. of center of track; standard tablet stamped "583".....	583. 493
Gaysville, 1.1 mi. NE. of, at N. margin of track, in boulder; chiseled square.....	623. 19
Gaysville, at highway bridge over White River, in W. end of S. abutment; standard tablet stamped "661".....	661. 006
Gaysville, 1.1 mi. SW. of, 0.9 mi. NE. of Riverside, at R. R. bridge over White River, in S. end of W. abutment; top of bolt.....	684. 52

³⁰ Part of this quadrangle lies in New York.

Riverside, 1 mi. NW. of, in NE. corner of stone culvert in R. R. track; chiseled square-----	<i>Feet</i> 705. 64
From Barre quadrangle south along road near Second Branch of White River (State Highway 14) to road forks at North Royalton, thence west along road north of White River (State Highway 107) to Bethel (by F. L. Shalibo in 1922)	
North Randolph, 1.7 mi. N. of, 2.3 mi. S. of East Brookfield, on N. edge of triangle at junction of T-rd. E., 40 ft. E. of center line of high- way, in front of farmhouse, in root on E. side of 24-in. maple tree; copper nail-----	680. 84
North Randolph, at front entrance of public school, in NE. corner of concrete steps; standard tablet stamped "S 23 1922"-----	670. 803
Reference mark, at same entrance of school, at S. end of lower con- crete step; chiseled square-----	670. 13
North Randolph, 0.5 mi. S. of, 2 mi. N. of East Randolph, 450 ft. S. of junction of T-rd. E., 20 ft. E. of highway, on S. edge of S. driveway to residence of D. J. Camp, in fence line, in boulder; chiseled square--	664. 60
East Randolph, 1 mi. N. of, in SW. corner of junction of T-rd. W., 40 ft. W. of center line of highway, in root of 18-in. elm tree; copper nail-----	616. 02
East Randolph, at NW. corner of post office, in top of concrete wall at steps; standard tablet stamped "606 S 24 Vt 1922"-----	605. 835
Reference mark, 90 ft. N. of tablet, 20 ft. W. of house, in root on W. side of large cottonwood tree; copper nail-----	603. 29
East Randolph, 1.4 mi. S. of, 2.2 mi. N. of South Randolph, 800 ft. N. of junction of T-rd. E., at SE. corner of concrete bridge, on top of wall; chiseled square-----	578. 48
South Randolph, 1.3 mi. N. of, 150 ft. SW. of farmhouse, on W. end of stone culvert; chiseled square-----	579. 31
South Randolph, 300 ft. N. of junction of T-rd. W., at S. entrance to residence of J. R. Wells, in W. end of concrete step; standard tablet stamped "563 S 25 Vt 1922"-----	562. 817
Reference mark, at S. edge of driveway, in root of 18-in. elm tree; copper nail-----	560. 89
South Randolph, 1.1 mi. S. of, 0.5 mi. N. of East Bethel, at NE. corner of wooden bridge, in foundation stone; chiseled square-----	541. 46
East Bethel, 250 ft. S. of school, opposite junction of T-rd. W., 20 ft. E. of center line of highway, in root on N. side of 36-in. tree; copper nail-----	569. 96
East Bethel, 0.7 mi. S. of, 200 ft. SE. of bridge over Second Branch of White River, opposite junction of T-rd. NW., 50 ft. S. of gate, 40 ft. E. of center line of highway, 15 ft. E. of fence line, in small boulder; chiseled square-----	524. 46
East Bethel, 1.6 mi. S. of, opposite School No. 6, 150 ft. E. of center line of highway, on side of hill, in rock ledge; standard tablet stamped "560 S 26 Vt. 1922"-----	560. 095
Reference mark, 9 ft. W. of tablet, in same ledge of rock; chiseled square-----	558. 53
East Bethel, 2.7 mi. S. of, 1.6 mi. N. of North Royalton, at SE. corner of wooden bridge over Second Branch of White River, on stone wall; chiseled square-----	505. 81
North Royalton, 0.6 mi. N. of, opposite T-rd. E., on river bank, 15 ft. W. of center line of highway, in base of 18-in. maple tree, 1 ft. above ground; copper nail and washer-----	523. 86

North Royalton, 0.4 mi. W. of rd. forks at, 3.4 mi. E. of Bethel, at junction of T-rd. N., in NW. corner of porch to School No. 9; standard tablet stamped "504 S 27 Vt. 1922"-----	<i>Feet</i> 504. 206
Reference mark, 20 ft. S. of tablet, in root of 10-in. maple tree; copper nail-----	502. 63

From Barre quadrangle southeast along Central Vermont Railway to Bethel
(by F. L. Shalibo in 1922)

Braintree, 1.2 mi. N. of, 2 mi. S. of East Granville, E. of rd. crossing, at NW. corner of iron rd. bridge, in concrete side wall; chiseled square-----	796. 67
Braintree sta., at SE. corner of platform, in S. end of wooden beam; bolt head-----	779. 45
Braintree, 0.6 mi. S. of, 240 ft. S. of rd. crossing, at cut through ledge, 45 ft. E. of track, 10 ft. W. of second-class rd., in ledge; standard tablet stamped "778 S 32 Vt. 1922"-----	778. 137
Reference mark, 30 ft. W. of tablet, 4 ft. E. of cut, in rock ledge; chiseled square-----	777. 59
Braintree, 1.8 mi. S. of, at dry-stream crossing, at NW. corner of Ry. bridge 31, on stone abutment 4.5 ft. below bridge; chiseled square--	746. 67
Braintree, 3.2 mi. S. of, 2.6 mi. N. of Randolph on Ry., 450 ft. N. of rd. crossing, on W. side of track, at front entrance to residence of G. I. Ford, in SE. corner of concrete step; standard tablet stamped "736 S 33 Vt. 1922"-----	736. 494
Reference mark, on stone step 1 ft. W. of tablet; chiseled square----	736. 48
Randolph, 1.9 mi. N. of, on Ry., in SW. corner of rd. crossing, 4 ft. E. of fence, in large boulder; chiseled square-----	713. 72
Randolph, 0.7 mi. N. of, on Ry., 450 ft. N. of rd. crossing, at NE. corner of bridge 29, on concrete abutment; chiseled square-----	692. 06
Randolph sta., in corner at W. side of operator's window, in concrete platform; standard tablet stamped "694 S 34 Vt. 1922"-----	694. 516
Reference mark, 80 ft. W. of tablet, at end of wide concrete platform, at base of last pole of platform-covering, in concrete; chiseled square--	694. 45
Randolph, 2.5 mi. SE. of, on E. side of Ry. track, at rd. crossing, on N. end of culvert; chiseled square-----	652. 19
Randolph, 3.4 mi. SE. of, 4.1 mi. NW. of Bethel, 350 ft. S. of white farmhouse, 70 ft. W. of Ry. track, 135 ft. E. of rd., at top of small drain, in large boulder; standard tablet stamped "667 S 35 Vt 1922"-----	667. 467
Reference mark, 1 ft. N. of tablet, on same rock; chiseled square----	667. 49
Bethel, 2.8 mi. NW. of, at NE. corner of C. V. Ry. bridge 27, at end of concrete abutment; chiseled square-----	610. 97
Bethel, 2 mi. NW. of, on C. V. Ry., at rd. crossing, on SE. corner of concrete abutment of bridge over rd.; chiseled square-----	590. 46
Bethel, 0.8 mi. NW. of, 300 ft. S. of bend in river, at S. end of cut, 10 ft. E. of C. V. Ry. track, in ledge; chiseled square-----	569. 94

From Strafford quadrangle southwest along road near First Branch of White River (State Highway 110) to South Royalton (by M. C. McClellan in 1928)

South Tunbridge, 400 ft. N. of covered bridge and junction of T-rd. W., 300 ft. S. of village school, on W. side of rd., in root on S. side of 40-in. maple tree; copper nail and washer-----	515. 24
South Tunbridge, 0.5 mi. S. of, about 850 ft. S. of Windsor-Orange county line and Royalton-Tunbridge town line, about 35 ft. E. of rd., in ledge on hillside; standard tablet stamped "M 45 1928"---	528. 365

Reference mark, 30 ft. W. of tablet, on E. side of highway, in root on S. side of 24-in. elm tree; copper nail and washer-----	<i>Feet</i> 513. 37
South Royalton, 2 mi. N. of, 300 ft. N. of junction of T-rd. W. across bridge, 50 ft. E. of tangent of curve, in root on S. side of 24-in. elm tree; copper nail and washer-----	501. 20
South Royalton, 1 mi. N. of, 500 ft. S. of toy factory, on W. side of rd. fork, in root on E. side of 48-in. elm tree; copper nail and washer--	494. 65
White River, at South Royalton, under bridge; surface of water at 5 p. m. Oct. 3, 1928-----	455. 5

ROCHESTER QUADRANGLE

[Latitude 43°45'-44°; longitude 72°45'-73°]

ADDISON, RUTLAND, AND WINDSOR COUNTIES

From Stockbridge northwest along White River Railroad to Rochester, thence northwest along State Highway 100 to Hancock, thence west along Hancock-Ripton road into Brandon quadrangle (by K. E. Schlachter in 1915)

Stockbridge sta., in N. end of concrete curb of platform; standard tablet stamped "734"-----	734. 011
Stockbridge sta., 1.7 mi. NW. of, 0.9 mi. SE. of Tupper, at R. R. bridge over White River, in N. end of W. abutment; top of bolt----	744. 63
Tupper sta., 300 ft. W. of, 20 ft. N. of track, in ledge; standard tablet stamped "758"-----	758. 136
Tupper, 1.4 mi. NW. of, 1.4 mi. SE. of Emerson, at R. R. bridge over Breakneck Brook, in W. end of N. abutment; chiseled square-----	782. 10
Emerson sta., 0.5 mi. SE. of, in ledge at N. margin of track; chiseled square-----	792. 91
Emerson sta., in front of; top of rail-----	794. 0
Emerson sta., 575 ft. NE. of, 250 ft. E. of track, in ledge in E. margin of highway; standard tablet stamped "798" (reported Sept. 2, 1936, as not found)-----	798. 290
Rochester sta., in front of; top of rail-----	832. 0
Rochester, just N. of Rochester Inn, at E. end of N. abutment of highway bridge over brook, 5 ft. E. of bridge, in concrete retaining wall; standard tablet stamped "837" (not found in 1936)-----	837. 600
Rochester, 1.2 mi. N. of, 190 ft. S. of house of Al Jewett, on E. margin of rd., in boulder; chiseled square-----	871. 58
Rochester, 2.2 mi. N. of, 1.9 mi. S. of Hancock, 375 ft. N. of house of Fred Marsh, in W. end of stone culvert; chiseled square-----	862. 15
Hancock, 1.2 mi. S. of, 60 ft. W. of Windsor-Addison county line, 8 ft. N. of rd., in boulder; standard tablet stamped "876"-----	876. 595
Hancock, at highway bridge over Hancock Branch of White River, in E. end of N. abutment; chiseled square-----	912. 36
Hancock, 1.1 mi. W. of, on N. margin of rd., in boulder; chiseled square-----	977. 54
Hancock, 2.2 mi. W. of, at rd. forks, at highway bridge over Hancock Branch of White River, in N. end of E. abutment; top of bolt-----	1, 039. 82
Hancock, 3 mi. W. of, 55 ft. E. of junction of rd. to Texas School, on N. margin of rd., in boulder; standard tablet stamped "1119"-----	1, 119. 777
Hancock, 4.5 mi. W. of, 4.6 mi. SE. of Bread Loaf, on N. margin of rd., in boulder; chiseled square-----	1, 347. 77

Bread Loaf, 4.3 mi. SE. of, on N. margin of rd., in boulder; chiseled circle.....	<i>Feet</i> 1, 453. 50
Bread Loaf, 2.7 mi. SE. of, at summit of Middlebury Gap, on S. margin of rd., in boulder; standard tablet stamped "2149".....	2, 149. 564
Bread Loaf, 1.5 mi. E. of, 20 ft. E. of bridge over Crystal Brook, on S. margin of rd., in boulder; chiseled square.....	1, 599. 49
Bread Loaf, 0.6 mi. E. of post office, at school, in NW. corner of cross-roads, in boulder; standard tablet stamped "1436".....	1, 436. 128

From Hancock north along State Highway 100 to Granville (by K. E. Schlachter in 1915; leveled twice)

Hancock, 1.2 mi. N. of, in W. end of stone culvert; chiseled square.....	952. 66
Hancock, 1.9 mi. N. of, 2.5 mi. S. of Granville, 60 ft. N. of corner at junction of rd. E., in boulder in stone wall; standard tablet stamped "932".....	932. 653
Granville, 1.1 mi. S. of, 1,050 ft. S. of rd. corner at junction of rd. NE., at highway bridge over White River, in W. end of S. abutment; chiseled square.....	954. 97
Granville, at large bridge over White River, near E. end of N. abutment, in capstone of retaining wall; standard tablet stamped "1013".....	1, 013. 388

From Granville north along State Highway 100 into Lincoln Mountain quadrangle (by K. E. Schlachter in 1918)

Granville, 1.0 mi. N. of, on rd. to Warren, at SW. corner of wooden bridge, 1.5 ft. above ground, in boulder; chiseled square.....	1, 033. 15
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From Talleville west along Rochester-Forestdale road (State Highway 115) into Brandon quadrangle (by K. E. Schlachter in 1915)⁴⁰

Talleville sta., 1.3 mi. W. of, at rd. forks, in N. end of concrete culvert; chiseled square.....	914. 10
Talleville sta., 2.1 mi. W. of, 1.6 mi. SE. of Robinson, at Corporation Corner, 50 ft. E. of junction of rd. S., on N. side of highway, in boulder; chiseled square.....	957. 31
Robinson, 0.4 mi. SE. of, 20 ft. S. of rd., inside of fence, 2 ft. above ground, in large boulder; standard tablet stamped "974".....	974. 510
Robinson, at highway bridge over Brandon Brook, on N. side of W. end of bridge; top of bolt.....	1, 004. 64
Robinson, 2.3 mi. W. of, on N. margin of highway, in boulder; chiseled circle.....	1, 347. 58
Robinson, 2.8 mi. W. of, 210 ft. W. of junction of rd. N., at Green Mill, on N. margin of highway, in boulder; standard tablet stamped "1473" (reported Sept. 2, 1936, as not found).....	1, 473. 917
Robinson, 4.4 mi. W. of, 2.9 mi. E. of Goshen Four Corners, 1.6 mi. SW. of Green Mill, on N. margin of highway, in boulder; chiseled square.....	1, 824. 35
Goshen Four Corners, 1.8 mi. E. of, in Brandon Gap, 20 ft. S. of highway at summit, in ledge at ground level; standard tablet stamped "2184".....	2, 184. 174
Goshen Four Corners, 200 ft. E. of crossroads, on S. margin of highway, in boulder; chiseled square.....	1, 408. 29

⁴⁰ This line is adjusted purposely to close an even 1 foot high at Goshen. One or more of the elevations given are therefore probably 1 foot in error.

ROUSES POINT QUADRANGLE⁴¹[Latitude 44°45'-45°; ⁴² longitude 73°15'-73°30']

GRAND ISLE COUNTY

From Rouses Point, N. Y., east along Central Vermont Railway into St. Albans quadrangle (by K. E. Schlachter in 1914; fitted to first-order line of U. S. Coast and Geodetic Survey in 1922⁴³)

	Feet
Lake Champlain; surface of water Sept. 12, 1914.....	93. 9
Alburg, 500 ft. E. of sta., N. of and across tracks from tanks of Standard Oil Co., in boulder; standard tablet stamped "124" (recovered by U. S. C. & G. S. and designated "A 1").....	123. 809

ST. ALBANS QUADRANGLE

[Latitude 44°45'-45°; ⁴² longitude 73°-73°15']

FRANKLIN AND GRAND ISLE COUNTIES

From Rouses Point quadrangle east and southeast along Central Vermont Railway to Swanton, thence north and northeast to point about 2 miles northeast of Highgate Springs (by K. E. Schlachter in 1914; over route and fitted to first-order line of U. S. Coast and Geodetic Survey⁴³)

East Alburg, at Hayden & Hayden store, in lower concrete step; standard tablet stamped "117" (recovered by U. S. C. & G. S. and designated "C 1").....	116. 302
East Alburg, in front of sta.; top of rail.....	112. 6
West Swanton, in front of sta.; top of rail.....	107. 7
West Swanton, 1.9 mi. E. of, 4 mi. NW. of sta. of C. V. Ry. at Swanton, about 375 ft. SE. of milepost 11, 5 ft. SW. of track, in small boulder; standard tablet stamped "102" (recovered by U. S. C. & G. S. and designated "DX 1").....	101. 394
Swanton, at SW. corner of sta. of C. V. Ry., in concrete platform; standard tablet stamped "137" (recovered by U. S. C. & G. S. and designated "G 1").....	137. 201
East Swanton sta., at crossover; top of guard rail.....	155. 50
Highgate Springs sta., 1.2 mi. S. of, 3 mi. N. of Swanton, 350 ft. S. of milepost 30, on W. end of culvert; standard tablet stamped "135" (recovered by U. S. C. & G. S. and designated "L 1").....	135. 347
Highgate Springs sta., in front of; top of rail.....	119. 7
Highgate Springs sta., 1 mi. NE. of, in NW. abutment of Ry. bridge over Rock River; chiseled square.....	100. 92
Highgate Springs sta., 2.1 mi. NE. of, about 0.4 mi. SW., thence 0.6 mi. NW. from Thompsons Corner, 0.2 mi. W. of Rock River at mouth of Saxe Brook, at rd. crossing, in SE. corner of stone culvert under Ry.; standard tablet stamped "99".....	99. 022

From St. Albans west to St. Albans Bay (by K. E. Schlachter in 1914; spur line leveled twice)

St. Albans, 1.4 mi. W. of, in front of residence of Oscar Merier, on stone; chiseled circle.....	220. 29
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⁴¹ Part of this quadrangle lies in New York.

⁴² A narrow strip of territory lying just north of latitude 45°, given as the northern limit of this quadrangle, has been included on the map for convenience. This strip extends to the United States-Canada boundary.

⁴³ See U. S. Coast and Geodetic Survey Special Pub. 182.

St. Albans Bay, in front of store of G. Younger, in N. end of stone steps; standard tablet stamped "108"-----	Feet 108. 880
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From St. Albans northeast along Central Vermont Railway (Missisquoi Valley branch) into Enosburg Falls quadrangle (by K. E. Schlachter in 1914 and S. L. Parker in 1922; part of line leveled twice)

St. Albans, 3.1 mi. NE. of, 1.4 mi. SW. of Greens Corners, 0.1 mi. NE. of milepost R 25, 20 ft. N. of Ry., 20 ft. W. of farm rd., at end of stone wall, in boulder; standard tablet stamped "427"-----	426. 694
Reference mark, 60 ft. NE. of tablet, in top of embedded boulder 3.5 ft. in diameter; chiseled square-----	424. 98
Greens Corners, in front of Ry. sta.; top of rail-----	402. 7
Greens Corners, at front entrance to Baptist Church, in S. end of heavy oak doorsill; copper nail and washer-----	408. 51
Greens Corners sta., 1.1 mi. NE. of, at curve on N. side of track, 1 ft. N. of Ry. right of way, in root on W. side of 24-in. elm tree; copper nail and washer-----	469. 71
Greens Corners sta., 2 mi. NE. of, 0.3 mi. W. of rd. crossing, 10 ft. S. of track, in ledge; standard tablet stamped "453"-----	453. 241
Reference mark, 50 ft. W. of tablet, on N. side of track, in top of rock outcrop; chiseled square-----	447. 82

From Enosburg Falls quadrangle west along St. Johnsbury & Lake Champlain Railroad to Highgate station, thence northeast and northwest along roads by way of South Gore School to Thompsons Corner (by K. E. Schlachter in 1914)

Highgate sta., 1.9 mi. E. of, 370 ft. E. of rd. crossing, 110 ft. E. of milepost M 9, in S. end of stone culvert; chiseled circle-----	317. 38
Highgate sta., 1.3 mi. N. of, at rd. forks, 1.2 mi. SW. of South Gore School, on W. side of rd., in stone culvert; chiseled circle-----	279. 91
South Gore School, at E. angle of rd. forks W. of, on boulder; chiseled circle-----	304. 25
South Gore School, 0.5 mi. NE. of, 3.6 mi. SE. of Thompsons Corner, 200 ft. N. of junction of T-rd. W. (to Thompsons Corner), on W. margin of rd., in front of house, in ledge; standard tablet stamped "376"-----	375. 871
Thompsons Corner, 2.7 mi. SE. of, 0.2 mi. W. of four corners, on N. margin of rd., in ledge; chiseled circle-----	246. 48
Thompsons Corner, 1.3 mi. E. of, 0.1 mi. E. of junction of T-rd. S., on E. margin of rd., in ledge; standard tablet stamped "296"-----	296. 465
Thompsons Corner (0.4 mi. NE. of Saxe Brook and 0.5 mi. E. of Rock River, 0.6 mi. SE., thence 0.4 mi. NE. from rd. crossing on C. V. Ry.), opposite T-rd. E., on boulder; chiseled circle-----	140. 73

From point on Central Vermont Railway 2.1 miles north of Highgate Springs station north along railway to United States-Canada boundary (by S. L. Parker in 1922; single spur line)

Highgate Springs sta., 2.9 mi. N. of, 100 ft. S. of lane crossing Ry. track, 4 ft. E. of right of way, in field, in root on S. side of 24-in. elm tree; copper nail and washer-----	100. 22
Highgate Springs sta., 3.5 mi. N. of, 200 ft. S. of U. S.-Canada boundary, on W. side of Ry., 45 ft. W. of Ry. property line along E.-W. fence, in field, in root on SE. side of 18-in. elm tree; copper nail and washer-----	113. 90

From Enosburg Falls quadrangle at point near Rock River northwest along roads to South Gore School (by S. L. Parker in 1922)

South Gore School, 0.3 mi. SE. of, about 2.9 mi. (air line) NW. of East Highgate, on S. side of rd., in fence line, in root on N. side of 13-in. elm tree; copper nail and washer.....	Feet 300. 69
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From Milton quadrangle north along Central Vermont Railway to East Swanton station (by K. E. Schlachter in 1914)

Oakland sta., 0.9 mi. NW. of, 0.1 mi. S. of milepost "St. J 47", in NW. corner of trestle; chiseled circle.....	465.64
Oakland sta., 2.2 mi. N. of, 2.2 mi. S. of St. Albans, at Ry. bridge over rd., in NW. bridge seat; standard tablet stamped "416".....	415. 793
St. Albans, 0.8 mi. S. of, on NE. abutment of Ry. bridge over Rugg Brook; chiseled circle.....	383. 46
St. Albans, at Ry. sta., on W. side of S. passenger entrance, in marble slab; standard tablet stamped "385".....	385. 400
St. Albans, 1.4 mi. NW. of, at rd. crossing, E. of tracks, 20 ft. S. of rd., in boulder; chiseled circle.....	343. 89
St. Albans, 3.2 mi. N. of, 2.2 mi. S. of Fonda (Swanton) Junction, in NW. abutment of Ry. bridge over Stevens Brook; standard tablet stamped "271".....	271. 124
Fonda (Swanton) Junction sta., 0.3 mi. S. of, in NE. abutment of Ry. bridge over rd.; chiseled circle.....	203. 01
Fonda (Swanton) Junction sta., 0.9 mi. N. of, 2 mi. S. of East Swanton sta., 0.1 mi. N. of milepost "St. J. 35", 75 ft. W. of tracks, in ledge; standard tablet stamped "170".....	170. 093
East Swanton, 1.1 mi. S. of, in NE. abutment of Ry. bridge over Misisquoi River; chiseled circle.....	132. 40

SAXTONS RIVER QUADRANGLE

[Latitude 43°-43°15'; longitude 72°30'-72°45']

WINDHAM AND WINDSOR COUNTIES

From Bellows Falls quadrangle north west along State Highway 121 to Lawrence Four Corners (by M. A. Roudabush in 1928; portion of line east of Cambridgeport leveled twice)

Saxtons River, at E. end of village, 0.3 mi. E. of post office, 170 ft. E. of steel highway bridge, 50 ft. SW. of rd. forks, in top of elm stump; copper nail and washer.....	449. 55
Saxtons River, S. of highway at telephone office, on NW. corner of concrete base of scales; chiseled square.....	468. 79
Saxtons River, at main building of Vermont Academy, in W. end of sill of N. door; standard tablet stamped "R 2 1928 528".....	528. 223
Reference mark, 40 ft. N. of tablet, at S. entrance to Proctor Hall, on SE. corner of stone doorsill; chiseled square.....	530. 83
Saxtons River post office, 1.2 mi. W. of, 1.8 mi. SE. of Cambridgeport, on S. side of highway opposite rd. NE., in root of 18-in. elm tree; copper nail and washer.....	528. 41
Cambridgeport, 0.8 mi. SE. of, 2.3 mi. NW. of Saxtons River, 150 ft. W. of drain, on S. side of highway, on E. end of concrete head wall of culvert; chiseled square.....	604. 26
Cambridgeport, in E. part of, about 0.2 mi. E. of Rockingham-Grafton town line, 50 ft. NE. of junction of highway and rd. N., on W. end of concrete step; chiseled square.....	593. 79

	<i>Feet</i>
Cambridgeport, 400 ft. W. of covered highway bridge over Saxtons River, 20 ft. S. of river, 20 ft. N. of highway, in top of embedded boulder; standard tablet stamped "R 3 1928 605"-----	604. 683
Reference mark, 400 ft. E. of tablet, on SW. corner of covered bridge at point N. of guard rail; chiseled square-----	604. 80
Cambridgeport, about 1 mi. NW. of, at steel highway bridge over Saxtons River, on W. end of S. abutment; chiseled square-----	656. 14
Cambridgeport, 2 mi. NW. of, 2.1 mi. along highway E. of Grafton, 1,200 ft. NW. of covered highway bridge over Saxtons River, S. of highway, at deserted farm buildings, in root on E. side of 18-in. maple tree at drive; copper nail and washer-----	732. 27
Grafton, 1.2 mi. NE. of, 50 ft. W. of junction of rd. N. to Walker School, at N. end of covered bridge over Saxtons River, 10 ft. N. of river, in root of 10-in. elm tree; copper nail and washer-----	750. 23
Grafton, at NE. corner of highway bridge over Saxtons River, on stone wing wall; top surface of wall-----	836. 87
Grafton, at junction of highway and T-rd. S. at hotel, at entrance to memorial bandstand, on N. end of concrete step; standard tablet stamped "R 4 1928 862"-----	861. 811
Reference mark, 190 ft. E. of tablet, on NW. corner of lowest concrete step to house; chiseled square-----	484. 83
Grafton, 1.3 mi. NW. of, at concrete highway bridge over Saxtons River, on NW. wing wall (mark not described)-----	940. 81
Houghtonville, 1.2 mi. E. of, 2.1 mi. NW. of Grafton, 200 ft. NW. of Pattengill School, N. of Saxtons River, on N. side of highway, in root of 24-in. pine tree; copper nail and washer-----	997. 92
Houghtonville, in E. end of village, 140 ft. S. of junction of highway and rd. SW., on concrete bridge over Saxtons River, on W. end of N. bridge seat; standard tablet stamped "R 5 1928 1114"-----	1, 113. 984
Reference mark, 20 ft. E. of tablet, at NE. corner of above-mentioned bridge, on wheel guard; chiseled square-----	1, 116. 53
Houghtonville, at junction of highway and T-rd. N.; center of rd. forks-----	1, 137. 0
Houghtonville, 1 mi. W. of, 40 ft. E. of rd. forks, on N. side of highway, on top of boulder; chiseled square-----	1, 460. 28
Houghtonville, 2 mi. W. of, at saddle, 15 ft. S. of highway, in root of 14-in. maple tree; copper nail and washer-----	1, 583. 35
Houghtonville, 2.8 mi. W. of, 1.8 mi. E. of Lawrence Four Corners, at concrete highway bridge over Saxtons River, on N. end of E. abutment; standard tablet stamped "R 6 1928 1647"-----	1, 647. 009
Reference mark, 70 ft. SE. of tablet, in SE. angle of junction of private rd. S., on boulder; chiseled square-----	1, 651. 21
Lawrence Four Corners, 1.1 mi. E. of, at junction of highway and second-class T-rd. E.; center of rd. forks-----	1, 714. 7
Lawrence Four Corners, 0.5 mi. E. of, near summit, N. of rd., on boulder; chiseled square-----	1, 778. 58
Lawrence Four Corners, in SE. angle of, 1.3 mi. N. of Windham Center, in root on S. side of 24-in. maple tree; copper nail and washer-----	1, 808. 014

From Cambridgeport south along road by way of Brookline into Brattleboro quadrangle (by M. A. Roudabush in 1928)

Athens School, 0.5 mi. N. of, 1.1 mi. S. of Cambridgeport, on E. side of rd., on top of boulder; chiseled square-----	664. 91
Athens School, 200 ft. N. of, at junction of Brookline rd. and T-rd. E.; center of rd. forks-----	634. 7

Athens School, 0.6 mi. S. of, 300 ft. S. of gift shop, on E. side of rd. at bend W., in root of walnut tree; copper nail and washer-----	Feet 671. 07
Athens School, 1.5 mi. S. of, 1.1 mi. NE. of South School, 300 ft. N. of rd. forks, 25 ft. W. of Brookline rd., 50 ft. SE. of Wayland Davis farmhouse, on top of boulder; standard tablet stamped "R 7 1928 727"-----	726. 540
Reference mark, 400 ft. S. of tablet, 150 ft. SW. of rd. forks, on W. bank of Athens Run, in base of 12-in. poplar tree; copper nail and washer-----	733. 26
South School, on opposite side of rd. from, 450 ft. N. of rd. forks, 30 ft. E. of rd., in root of 10-in. butternut tree; copper nail and washer-----	824. 41
South School, 0.2 mi. SE. of, 20 ft. E. of rd. forks, in root of maple tree; copper nail and washer-----	874. 54
South School, 0.7 mi. SE. of, 50 ft. SE. of rd. forks, in root of 10-in. poplar tree; copper nail and washer-----	932. 84
South School, 1.2 mi. SE. of, 3.9 mi. NE. of Brookline, at head of Hedgehog Gulf; summit of rd.-----	959. 6
Brookline, 3.2 mi. NE. of, 400 ft. N. of Athens-Brookline town line, 31 ft. E. of center line of rd., in rock ledge; standard tablet (as reset Sept. 9, 1936, by Vt. Highway Dept. to replace tablet stamped "R 8 1928 837")-----	843. 282
Reference mark, 220 ft. S. of tablet, 10 ft. E. of rd., on W. end of large boulder; chiseled square-----	830. 74
Brookline, 2.4 mi. N. of, on E. side of rd., on top of boulder; chiseled square-----	734. 88
Brookline, 1.6 mi. N. of, 0.2 mi. N. of farmhouse, on E. side of rd., in top of boulder; chiseled square-----	675. 86
Brookline, 0.5 mi. N. of, 1.2 mi. N. of Round School, 250 ft. S. of rd. forks at cemetery, 250 ft. E. of rd., in pasture of C. W. Barnes, in N. end of rock ledge; standard tablet stamped "R 9 1928 612"-----	612. 242
Reference mark, 280 ft. NW. of tablet, 120 ft. SW. of rd. forks, in root of large maple tree; copper nail and washer-----	613. 92
Round School, 250 ft. N. of, 0.7 mi. S. of Brookline, at concrete bridge over Grassy Brook, on NE. wing wall; chiseled square-----	543. 14
Round School, 0.7 mi. S. of, 200 ft. S. of junction of T-rd. W., in base of wild-cherry tree; copper nail and washer-----	520. 01
Round School, 1.6 mi. S. of, 3.5 mi. by rd. NE. of Newfane, about 1 mi. NW. of Putney triangulation sta. (U. S. G. S.), 40 ft. W. of rd., in pasture of E. L. Bush, in rock ledge near small brook; standard tablet stamped "R 10 1928 494"-----	494. 206
From Brattleboro quadrangle near Newfane northwest along road near West River (State Highway 30) to West Townshend, thence north along roads by way of North Windham into Ludlow quadrangle (by M. A. Roudabush in 1928)	
Newfane, 1.4 mi. N. of, 50 ft. NE. of rd. forks, on N. end of concrete headwall; chiseled square-----	438. 20
Newfane, 2.1 mi. N. of, 2.0 mi. S. of Harmonyville, W. of highway, at SW. abutment of destroyed R. R. bridge over West River, on E. corner of concrete base; chiseled square-----	419. 65
Harmonyville, 1.2 mi. S. of, 180 ft. W. of covered bridge over West River, W. of rd. forks, in lawn, in root on S. side of 24-in. elm tree; copper nail and washer-----	425. 54
Harmonyville, 1.0 mi. S. of, 1.7 mi. S. of Townshend post office, 700 ft. N. of covered bridge over West River, 40 ft. N. of lane E., in concrete base of red silo; standard tablet stamped "R 12 423 1928"-----	423. 336

Reference mark, 90 ft. NW. of tablet, on top of 4- by 4-in. property corner stone-----	Feet 424. 07
South Townshend sta., about 0.2 mi. S. of Harmonyville, at highway crossing of R. R.; top of rail-----	448. 1
Harmonyville, 0.6 mi. S. of Townshend town hall, 150 ft. N. of covered bridge over Mill Brook, on E. side of highway, at junction of rd. W. to Lawrence garage, in root on S. side of elm tree; copper nail and washer-----	461. 40
Townshend, 250 ft. SE. of village green, at NW. corner of town hall (post office), in lowest concrete step; standard tablet stamped "R 11 1928 574"-----	574. 492
Reference mark, 250 ft. NW. of tablet, in SE. angle of village green, on embedded boulder; chiseled triangle-----	576. 30
Townshend, 1.1 mi. W. of town hall, at farmhouse on N. side of highway, in root on S. side of 36-in. maple tree; copper nail and washer-----	459. 45
Townshend, 1.4 mi. W. of, at highway crossing of R. R.; top of rail--	458. 7
Townshend, 1.7 mi. W. of, S. of R. R., N. of highway, at end of covered bridge over West River, about 4 ft. above rd. level, in granite ledge; chiseled bench and square-----	474. 38
Townshend, 2.0 mi. NW. of, at R. R. crossing of highway; top of rail--	468. 9
Townshend, 2.3 mi. NW. of, 2.6 mi. S. of West Townshend, at R. R. crossing of highway; top of rail-----	479. 8
West Townshend, 2.0 mi. SE. of, 2.9 mi. W. of Townshend, 20 ft. E. of R. R. tracks and 7 ft. above track level, in rounded ledge at edge of woods; standard tablet stamped "R 14 1928 495"-----	495. 480
Reference mark, 150 ft. SE. of tablet, 10 ft. E. of tracks, on end of ledge; chiseled square-----	491. 84
West Townshend, 0.9 mi. by highway S. of, 700 ft. E. of R. R. tracks, 30 ft. N. of rd. forks, on E. end of concrete head wall of culvert; chiseled square-----	502. 38
West Townshend, on NW. corner of junction of State Highway 130 and T-rd. N. to Windham Center, opposite church, in SE. root of 30-in. maple tree; copper nail and washer-----	605. 64
West Townshend, 1.2 mi. N. of, on W. side of Windham rd., 60 ft. N. of junction of T-rd. E., on ledge; standard tablet stamped "R 15 1928 1208"-----	1, 207. 764
Reference mark, 430 ft. S. of tablet, on W. side of rd., on rock outcrop at stone fence; chiseled square-----	1, 165. 61
West Townshend, 1.8 mi. N. of, 1.7 mi. S. of South Windham; summit of rd.-----	1, 356. 9
South Windham, 1.3 mi. S. of, just S. of junction of rd. W., 50 ft. W. of rd., in root of 8-in. maple tree; copper nail and washer-----	1, 379. 73
South Windham, 0.5 mi. S. of post office, 380 ft. NW. of Townshend-Jamaica town line, 100 ft. S. of rd. forks, in root of maple tree; copper nail and washer-----	1, 478. 21
South Windham, 0.3 mi. S. of post office, at junction of T-rd. W.; center of rd. forks-----	1, 417. 6
South Windham, 75 ft. SW. of post office, on SW. corner of concrete base of gasoline pump; chiseled square-----	1, 440. 15
South Windham, 0.6 mi. N. of post office, near junction of Windham Center rd. and rd. E. along creek, 80 ft. E. of rd., S. of rd. E. along creek, in root of 12-in. maple tree; copper nail and washer-----	1, 471. 76

South Windham, 1.1 mi. N. of, 2.8 mi. S. of Windham Center, 20 ft. E. of junction of rd. NW., in top of ledge; standard tablet stamped "R 16 1928 1619"-----	Feet 1, 619. 124
Reference mark, 60 ft. W. of tablet, W. of rd. forks, in root on W. side of 12-in. maple tree; copper nail and washer-----	1, 612. 57
Windham Center, 1.8 mi. S. of, at rd. summit (highest and northernmost of several summits); center line of rd.-----	1, 758. 5
Windham Center, 1.3 mi. S. of, on rd. to South Windham, between junction of rd. SW. and junction of rd. E., at concrete bridge over Turkey Mountain Brook, on W. end of N. abutment; chiseled square-----	1, 657. 86
Windham Center, 0.7 mi. S. of, 100 ft. N. of junction of T-rd. W., SW. of culvert, on rock ledge; chiseled square-----	1, 777. 01
Windham Center, 110 ft. NE. of NE. corner of church, 100 ft. W. of rd., in top of exposed ledge; standard tablet stamped "R 17 1928 1967"-----	1, 966. 573
Reference mark, 35 ft. SE. of tablet, 60 ft. W. of center line of rd., 4 ft. SW. of center of 10-in. maple tree, on top of ledge; chiseled square-----	1, 964. 50
Lawrence Four Corners (intersection of State Highway 121 and N.-S. rd. from Windham Center), 1.3 mi. N. of Windham Center, 4.7 mi. W. of Houghtonville, in SE. angle of crossroads, in root on S. side of 24-in. maple tree; copper nail and washer-----	1, 808. 01
Lawrence Four Corners, 0.4 mi. W. of, at junction of State Highway 121 and T-rd. S.; rd. summit-----	1, 925. 1
Lawrence Four Corners, 1.0 mi. NW. of, 1 mi. SE. of North Windham, 50 ft. SW. of junction of private rd. N., in root on W. side of 30-in. maple tree; copper nail and washer-----	1, 710. 21
North Windham, 140 ft. NW. of rd. forks (junction of State Highways 121 and 11), 10 ft. N. of Middle Branch of Williams River, 5 ft. W. of pasture fence, in top of boulder; standard tablet stamped "R 18 1928 1495"-----	1, 494. 710
Reference mark, 50 ft. S. 20° W. of tablet, on E. end of N. wheel guard of concrete culvert; chiseled square-----	1, 497. 30
North Windham, 1.0 mi. NE. of, on State Highway 11, 25 ft. S. of bridge over Middle Branch of Williams River, at Windham-Londonderry town line, on E. side of highway, in root on E. side of 18-in. elm tree; copper nail and washer-----	1, 417. 06
North Windham, 1.4 mi. NE. of, on Marie Hill Farm, at highway crossing of Windham-Windsor county line; summit of rd.-----	1, 441. 2
North Windham, 1.7 mi. NE. of, 2.1 mi. SW. of Simonsville, opposite rd. W. across creek, in root of spruce tree; copper nail and washer-----	1, 360. 61
Simonsville, 1.5 mi. SW. of, on E. side of highway, at junction of rd. W., at bridge over Middle Branch of Williams River, in E. end of N. abutment at point 3 ft. below bridge floor; chiseled square-----	1, 286. 49

STRAFFORD QUADRANGLE

[Latitude 43°45'-44°; longitude 72°15'-72°30']

ORANGE AND WINDSOR COUNTIES

From Hanover quadrangle northwest along Central Vermont Railway into
Randolph quadrangle (by K. E. Schlachter in 1915)

Sharon, 1.7 mi. SE. of, in S. corner of W. abutment of Ry. bridge over White River; chiseled square-----	450. 50
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Sharon sta., 430 ft. W. of, in N. end of W. abutment of Ry. bridge over highway; standard tablet stamped "501"-----	<i>Feet</i> 501. 221
Sharon sta., 1.6 mi. W. of, at rd. corner, in N. end of E. abutment of Ry. bridge 19 (over highway); chiseled square-----	486. 91

From Mount Cube quadrangle northwest and north along roads near east border of Strafford quadrangle into Corinth quadrangle (by R. G. Clinite in 1928)

Thetford Center, 1.3 mi. NW. of, on rd. to Post Mills, at rd. forks W. of artificial pond; center of rd. forks-----	613. 8
Thetford Center, 1.6 mi. NW. of, 2.4 mi. SE. of Post Mills, 20 ft. N. of rd., in wooded pasture, on top of rock ledge; standard tablet stamped "C 2 1928"-----	698. 336
Reference mark, 90 ft. W. of tablet, in root on W. side of 30-in. maple tree; bent spike-----	694. 33
Post Mills, 1.3 mi. S. of, on SW. side of rd., in woods, 12 ft. W. of stone fence, in root of 30-in. elm tree; spike-----	734. 94
Post Mills, 25 ft. N. and 100 ft. W. from iron bridge, 90 ft. NW. of entrance to factory, on N. side of rd., on rock ledge; chiseled square--	676. 16
Post Mills, in front of post office; center line of rd.-----	700. 2
Post Mills, 700 ft. N. of post office, at junction of rd. E. to Fairlee Lake (State Highway 113), in N. corner of triangle, in root of 26-in. elm tree; spike-----	707. 08
Post Mills, 1 mi. N. of, 1 mi. S. of West Fairlee post office, 70 ft. S. and 15 ft. W. from rd. forks (junction of State Highway 113 and rd. E.), in top of large boulder; standard tablet stamped "C 3 1928"-----	719. 135
Reference mark, 70 ft. N. of tablet, opposite rd. forks, in root of 16-in. oak tree; spike-----	719. 00
West Fairlee, at rd. forks near post office, on bridge; floor of bridge-----	726. 7
West Fairlee, 730 ft. N. of post office, in center of crossroads, on NW. corner of concrete base of traffic light; drill hole-----	740. 39
West Fairlee, 1.3 mi. N. of, on W. side of State Highway 113, 30 ft. N. of gate, in root of 20-in. elm tree; spike-----	758. 97
West Fairlee, 2.3 mi. N. of, near Vershire-West Fairlee town line, 50 ft. N. of rd. forks, at NE. corner of concrete bridge over Ompompanoosuc River, in bridge seat; standard tablet stamped "C 4 1928"-----	776. 579
Reference mark, 30 ft. SE. of tablet, in root on S. side of 14-in. elm tree; spike-----	777. 01
West Fairlee, 3.4 mi. N. of, on W. side of highway, 250 ft. N. of water trough, in root of 16-in. elm tree; spike-----	860. 38
West Fairlee, 4.5 mi. NW. of, 400 ft. SE. of rd. forks (junction of State Highway 113 and rd. N. to Corinth), on SW. side of highway, in root of 36-in. elm tree; spike-----	954. 26
West Fairlee, 4.6 mi. NW. of, 1.9 mi. SE. of Vershire, at junction of rds. to West Fairlee, Vershire, and Corinth; center of rd. forks----	981. 8
West Fairlee, 5.4 mi. NW. of, 0.8 mi. N. of junction of route rd. and rd. to Vershire (State Highway 113), on S. slope of hill, 25 ft. E. of rd., in ledge; standard tablet stamped "C 5 1928"-----	1, 150. 313
Reference mark, 30 ft. W. and 130 ft. N. of tablet, on W. side of rd., in root of 12-in. yellow-birch tree; spike-----	1, 153. 54
Eagle Hollow Notch; height of land (summit of rd.)-----	1, 250. 4
West Fairlee, 6.4 mi. NW. of, about 3 mi. S. of Corinth post office, 0.7 mi. NE. of summit of Eagle Hollow Notch, on SE. side of rd., in root of 12-in. pine tree; spike-----	1, 039. 74

Corinth post office, 2.1 mi. S. of, 7.4 mi. NW. of West Fairlee, 800 ft. SW. of rd. forks, on SE. side of rd., in root of 14-in. elm tree; spike-	<i>Feet</i> 958. 34
Corinth post office, 2.0 mi. S. of, 7.5 mi. N. of West Fairlee, 10 ft. S. and 25 ft. E. from rd. forks marked "Chelsea 10, Vershire 3", in top of rock; drill mark (rock reported loose and disturbed in 1935; elevation by B. B. Chamblin in 1935)-----	963. 40
From Corinth quadrangle southwest along highway skirting First Branch of White River (State Highway 110) into Randolph quadrangle (by M. C. McClellan in 1928)	
Chelsea, at upper end of village, 100 ft. S. of rd. forks, on E. side of rd., on N. side of private drive, in root on SW. side of 30-in. maple tree; copper nail and washer-----	868. 10
Chelsea, in athletic field of Roberts-Gould School, 350 ft. SE. of SE. corner of school building, 40 ft. past third base, 18 ft. outside foul line, in concrete post; U. S. C. & G. S. standard disk marking magnetic sta-----	837. 540
Chelsea, at SW. corner of courthouse yard, 550 ft. NW. of above-mentioned disk marking U. S. C. & G. S. magnetic sta., in stone retaining wall; chiseled square-----	838. 15
Chelsea, 0.8 mi. S. of, at junction of State Highway 110 and rd. SE. to Hanover (N. H.), at S. end of W. abutment of concrete highway bridge over First Branch of White River; chiseled square-----	796. 26
Chelsea, 1.5 mi. S. of, 100 ft. N. of entrance to sawmill, at E. side of highway, in root on W. side of 18-in. maple tree; copper nail and washer-----	772. 98
Chelsea, 2.2 mi. S. of, 85 ft. N. and 50 ft. W. from junction of T-rd. W. to Randolph, in root on SE. side of 12-in. maple tree; copper nail and washer-----	748. 88
Chelsea, 3.1 mi. S. of, at sharp "danger" curve, 200 ft. N. of junction of T-rd. E., on N. side of curve from W., in root on W. side of 18-in. elm tree; copper nail and washer-----	733. 22
Chelsea, 3.3 mi. S. of, 2.5 mi. NE. of North Tunbridge, 600 ft. S. of junction of T-rd. E., on W. side of highway, across from N. end of cemetery, in ledge about 7 ft. above rd.; standard tablet stamped "M 43 1928"-----	737. 564
Reference mark, across highway from tablet, in root on W. side of 30-in. maple tree; copper nail and washer-----	730. 82
North Tunbridge, 2 mi. N. of, 600 ft. N. of school, at top of hill, 300 ft. S. of rd. turn, in root on W. side of 48-in. gnarled maple tree; copper nail and washer-----	687. 19
North Tunbridge, 1.2 mi. N. of, 800 ft. N. of sawmill, 80 ft. N. of junction of T-rd. W., at W. side of highway, in W. wheel guard of small concrete bridge; chiseled square-----	642. 65
North Tunbridge, 300 ft. N. of village limits, 100 ft. N. of Chevrolet garage, in SW. corner of farmyard, on E. side of highway, in root on W. side of 30-in. pine tree; copper nail and washer-----	636. 16
North Tunbridge, at S. end of village, 30 ft. S. of junction of T-rd. W., at E. end of N. abutment of concrete highway bridge; chiseled square-----	584. 80
Tunbridge, 1 mi. N. of, 100 ft. N. of T-rd. W., at S. end of W. wheel guard of concrete skewbox culvert; chiseled square-----	580. 98
Tunbridge, at SW. end of village, across rd. from village school, 30 ft. SW. of N. corner post of cemetery, at E. side of rd., in root on NW. side of 18-in. elm tree; copper nail and washer-----	583. 83

Tunbridge, 0.5 mi. SW. of, 30 ft. S. of junction of rd. W. and turn in main rd. SW., across rd. from cemetery, in ledge; standard tablet stamped "M 44 1928"-----	<i>Feet</i> 544. 105
Reference mark, 20 ft. N. of tablet, at S. side of highway, in head wall of concrete culvert; chiseled square-----	537. 67
South Tunbridge, 1.4 mi. N. of, 1,000 ft. N. of junction of rd. NW., 400 ft. S. of covered bridge, at private drive, at W. side of rd., in root on E. side of 30-in. maple tree; copper nail and washer-----	529. 68
From Chelsea along State Highway 113 to crossroads 4.4 miles east, thence south along roads by way of Strafford to West Norwich, thence west along road to Sharon station (by B. B. Chamblin in 1935).	
Chelsea, 0.9 mi. E. of, 125 ft. E. of junction of rd. SE., 55 ft. E. of junction of private rd. N., 38 ft. S. of center line of highway, on rock outcrop; chiseled square-----	1, 075. 84
Chelsea, 1.9 mi. E. of, 45 ft. S. of center line of rd., 250 ft. W. of junction of private rd. N., 25 ft. E. of edge of woods, in clearing, on rock; chiseled square-----	1, 309. 30
Chelsea, 2.4 mi. E. of, 70 ft. N. and 20 ft. W. from junction of rd. N., 70 ft. W. of old schoolhouse, in rock outcrop; standard tablet stamped "1429 BC 1 1935"-----	1, 428. 370
Reference mark, 10 ft. NE. of tablet, 60 ft. W. of NW. corner of old schoolhouse, on rock outcrop; chiseled square-----	1, 428. 72
Chelsea, 3.1 mi. E. of, 50 ft. N. of center line of highway, 25 ft. E. of residence, 20 ft. W. of spring, on base of large rock; chiseled square-----	1, 530. 18
Chelsea, 3.7 mi. E. of, 125 ft. E. of sawmill, 30 ft. N. of center line of highway, on rock outcrop; chiseled square-----	1, 671. 84
Chelsea, 4.4 mi. E. of, 55 ft. N. and 115 ft. E. from center of crossroads (State Highway 113 and NE.-SW. rd.), 80 ft. W. of old schoolhouse, in rock ledge; standard tablet stamped "1832 BC 2 1935"-----	1, 831. 481
Reference mark, 95 ft. W. of tablet, in triangle formed by crossroads, on rock; chiseled square-----	1, 825. 11
Chelsea, 4.4 mi. E., thence 0.9 mi. S. from, 150 ft. S. of residence, opposite barn, 20 ft. E. of center line of rd., on rock ledge; chiseled square-----	1, 880. 38
Chelsea, 4.4 mi. E., thence 1.6 mi. S. from, opposite junction of rd. NW., 25 ft. E. of center line of route rd., on rock ledge; chiseled square-----	1, 807. 95
Chelsea, 4.4 mi. E., thence 2.6 mi. S. from (about 4.3 mi. by direct rd.), 7.7 mi. N. of Strafford, 70 ft. N. and 55 ft. W. from junction of T-rd. N., in rock outcrop; standard tablet stamped "1936 BC 3 1935"-----	1, 936. 282
Reference mark, 90 ft. S. of tablet, 20 ft. S. and 35 ft. W. from junction of rd. N., on flat rock; chiseled square-----	1, 932. 96
Strafford, 7.2 mi. N. of, in triangle formed by junction of rd. S., in root of double birch tree; copper nail and washer-----	2, 137. 35
Strafford, 6.1 mi. N. of, opposite ruins of old house, 18 ft. E. of center line of rd., in root on W. side of 10-in. beech tree; copper nail and washer-----	2, 119. 87
Strafford, 4.9 mi. N. of, 165 ft. S. of junction of rd. NE., 25 ft. E. of center line of route rd., in rock ledge; standard tablet stamped "1637 BC 4 1935"-----	1, 637. 078
Reference mark, 45 ft. S. of tablet, 15 ft. E. of center line of rd., on rock ledge about 5 ft. above level of rd.; chiseled square-----	1, 633. 42

Strafford, 4.3 mi. N. of, 35 ft. N. and 40 ft. W. from junction of rd. NW., about 100 ft. N. of old cemetery, on pointed rock; chiseled square-----	Feet 1, 523. 11
Strafford, 3.7 mi. N. of, 20 ft. S. and 30 ft. W. from junction of rd. NW., 10 ft. E. of E. bank of brook, on flat rock; chiseled square-----	1, 296. 82
Strafford, 2.7 mi. N. of, 155 ft. S. of junction of rd. NE., 110 ft. N. of junction of rd. W., 60 ft. N. of house, 20 ft. E. of center line of route rd., in rock ledge; standard tablet stamped "1153 BC 5 1935"-----	1, 153. 101
Reference mark, 150 ft. S. of tablet, 40 ft. S. and 20 ft. W. from junction of rd. W., in root on NE. side of 30-in. maple tree; copper nail and washer-----	1, 146. 01
Strafford, 1.9 mi. N. of, opposite junction of rd. NW., in center of E. head wall of culvert; chiseled square-----	1, 014. 11
Strafford, 0.9 mi. N. of, 425 ft. N. of junction of rd. NE., on NW. wing wall of concrete bridge over Old City Brook; chiseled square-----	953. 31
Strafford, 200 ft. S. of post office, 150 ft. S. of junction of rd. NE., 45 ft. E. of center line of route rd., in rock ledge; standard tablet stamped "930 BC 6 1935"-----	929. 455
Reference mark, 200 ft. S. of tablet, 35 ft. E. of center line of rd., on bottom step of cement entrance to Morrill Memorial Library; chiseled square-----	928. 80
Strafford, 0.8 mi. S. of, 500 ft. N. of junction of rd. E., on SE. wing wall of concrete bridge; chiseled square-----	907. 20
Strafford, 1.7 mi. S. of, 0.8 mi. N. of South Strafford, 70 ft. N. of barn, 20 ft. W. of center line of rd., on rock ledge; chiseled square-----	905. 67
South Strafford, 260 ft. W. of junction of rd. to West Norwich and rd. NE., at post office, on NE. corner of concrete porch; standard tablet stamped "894 BC 7 1935"-----	893. 877
Reference mark, 45 ft. S. of tablet, in NW. corner of concrete curbing of cattle scales; chiseled square-----	894. 27
South Strafford, 0.9 mi. S. of, 30 ft. W. of center line of rd., on top of hill, on large boulder in stone fence; chiseled square-----	1, 095. 56
South Strafford, 1.7 mi. S. of, 60 ft. W. of wooden bridge over small brook and 15 ft. S. of brook, 15 ft. N. and 50 ft. W. from junction of rd. W., on rock outcrop; chiseled square-----	1, 044. 54
South Strafford, 2.5 mi. S. of, 170 ft. S. of small brook, 15 ft. W. of center line of rd., on top of large rock ledge; chiseled square-----	1, 162. 28
South Strafford, 3.2 mi. S. of, 2.2 mi. N. of West Norwich, in gap at top of mountain (about 25 ft. above level of rd.), 100 ft. W. of center line of rd., in large rock ledge; standard tablet stamped "1505 BC 8 1935"-----	1, 504. 901
Reference mark, 110 ft. S. of tablet, 75 ft. W. of center line of rd., on small knoll, in rock ledge; chiseled square-----	1, 494. 59
West Norwich, 1.7 mi. N. of, opposite junction of rd. W., 17 ft. E. of center line of rd., on rock outcrop; chiseled square-----	1, 317. 22
West Norwich, 0.8 mi. N. of, 15 ft. W. of center line of rd., in front of foundation of old house, in SE. root of 60-in. elm tree; copper nail and washer-----	1, 142. 13
West Norwich, 80 ft. N. and 60 ft. W. from center of crossroads, 80 ft. W. of residence, 25 ft. N. of foundation of old house, in rock outcrop; standard tablet stamped "1124 BC 9 1935"-----	1, 123. 537
Reference mark, 40 ft. SW. of tablet, 55 ft. N. and 70 ft. W. from crossroads, on rock outcrop; chiseled square-----	1, 119. 11
West Norwich, 0.7 mi. SW. of, 15 ft. N. and 40 ft. E. from center of crossroads, on rock ledge; chiseled square-----	1, 017. 15

West Norwich, 1.6 mi. SW. of, in triangle formed by rd. forks, in root on N. side of 15-in. oak tree; copper nail and washer.....	Feet 930. 02
West Norwich, 2.2 mi. by rd. W. of, 12 ft. N. of center line of rd., at top of divide, on rock ledge; chiseled square.....	1, 107. 04
West Norwich, 3.2 mi. by rd. W. of, 3.2 mi. SW. of Sharon sta., 270 ft. E. of residence, 100 ft. E. of small brook, 30 ft. S. of center line of rd., in rock ledge; standard tablet stamped "939 BC 10 1935".....	939. 243
Reference mark, 45 ft. W. of tablet, 40 ft. S. of center line of rd., on flat rock; chiseled square.....	935. 51
Sharon sta., 2.7 mi. SE. of, 200 ft. W. of junction of rd. N., on SE. wing wall of concrete bridge over small brook; chiseled square....	885. 41
Sharon sta., 1.6 mi. SE. of, 75 ft. S. and 60 ft. E. from junction of T-rd. E., 20 ft. E. of concrete bridge, on S. side of brook, on large boulder; chiseled square.....	502. 36
Sharon sta., 0.8 mi. E. of, 0.3 mi. E. of post office, about 200 ft. W. of large brick house, 40 ft. N. of center line of rd., at base of large rock ledge, on rock outcrop; chiseled square.....	451. 37

From point on State Highway 113 4.4 mi. east of Chelsea north along road into Corinth quadrangle (by B. B. Chamblin in 1935)

Chelsea, 4.4 mi. E., thence 0.8 mi. N. from, about 1 mi. S. of Corinth Corners, 70 ft. N. of residence, 50 ft. N. and 35 ft. W. from junction of State Highway 113 and rd. N., on rock outcrop; chiseled square.....	1, 863. 23
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TICONDEROGA QUADRANGLE ⁴⁴

[Latitude 43°45'–44°; longitude 73°15'–73°30']

ADDISON AND RUTLAND COUNTIES

From Fort Ticonderoga, N. Y., east along Addison branch of Rutland Railroad into Brandon quadrangle (by George Baily in 1902)

Huffs Crossing, 400 ft. E. of, on iron bridge over creek; W. end of N. abutment.....	218. 00
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WARWICK QUADRANGLE ⁴⁵

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

WINDHAM COUNTY

On Boston & Maine Railroad between South Vernon Junction and Hinsdale, N. H. (by M. A. Roudabush in 1932)

South Vernon Junction, 0.7 mi. NE. of, 4.2 mi. S. of Hinsdale (N. H.), at Boston & Maine R. R. bridge over Connecticut River, on NE. corner of S. post of W. back wall; old chiseled square, marked "B. M. 1918".....	244. 90
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WHITEFIELD QUADRANGLE ⁴⁶

[Latitude 44°15'–44°30'; longitude 71°30'–71°45']

ESSEX COUNTY

From Guildhall quadrangle south along road to South Lunenburg (by R. G. Clinite in 1932)

Lunenburg, 2.9 mi. NE. of, 5.1 mi. SW. of Guildhall sta., at Pierce School; center of rd. forks.....	1, 289. 7
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⁴⁴ Part of this quadrangle lies in New York.

⁴⁵ Part of this quadrangle lies in New Hampshire, but most of it lies in Massachusetts. The Vermont portion includes only a small area west of the Connecticut River extending south from latitude 42°45' to the Massachusetts State line.

⁴⁶ Part of this quadrangle lies in New Hampshire.

	<i>Feet</i>
Lunenburg, 2.8 mi. NE. of, 160 ft. S. of Catpaw Brook, in SE. angle of rd. forks, on top of large boulder; chiseled square-----	1, 276. 46
Lunenburg, 1.7 mi. N. of, in NE. angle of rd. forks, in root of 14-in. tree; spike and washer-----	1, 286. 11
Lunenburg, 1.1 mi. N. of, 170 ft. N. of Y-rd. forks, about midway between converging rds., 15 ft. S. of cross fence, in rock ledge at ground level; standard tablet stamped "C 12 1932"-----	1, 430. 371
Reference mark, 90 ft. S. of tablet, 80 ft. NE. of rd. forks, on W. side of E. rd., on ledge; chiseled square-----	1, 423. 39
Lunenburg, 0.5 mi. N. of, in NE. corner of large triangle at rd. forks, in SW. angle of E. junction, on large boulder; chiseled square----	1, 320. 84
Lunenburg; at NE. corner of commons, 7 ft. E. of E. end of porch of town hall, in ledge; standard tablet stamped "C 13 1932"-----	1, 201. 944
Reference mark, 12 ft. SE. of tablet, in ledge; chiseled square-----	1, 199. 66
Lunenburg, in SE. angle of crossroads, at store of D. M. Pond, on W. side of entrance; NW. corner of stone base of column (Vt. Hwy. Dept. B. M. 9)-----	1, 178. 41
Lunenburg, 1.6 mi. S. of town hall, at N. corner of Riverside Cemetery, in root of 30-in. pine tree; spike and washer-----	853. 89
South Lunenburg (Lunenburg sta.), 1,200 ft. E. of sta., at Maine Central R. R. bridge over Connecticut River, on S. side of W. abutment, in top of concrete bridge seat; standard tablet stamped "C 14 1932"-----	847. 271
South Lunenburg (Lunenburg sta.), 600 ft. NE. of sta., at Maine Central R. R. bridge over Connecticut River, in S. masonry retaining wall of W. abutment; copper bolt stamped "846 W" (recovered by U. S. C. & G. S. and designated "B 4")-----	849. 083

From Lunenburg northwest along Lunenburg-Granby road into Guildhall quadrangle (by R. G. Clinite in 1932)

Lunenburg, 1.3 mi. NW. of, at bridge over outlet of Neal Pond; floor of bridge-----	1, 192. 6
Lunenburg, about 2.0 mi. NW. of, 0.2 mi. W. of W. shore of Neal Pond, 100 ft. E. of Lunenburg-Granby rd., 70 ft. NE. of NE. corner of yellow summer house, on top of large boulder; chiseled square-----	1, 333. 62

WILMINGTON QUADRANGLE

[Latitude 42°45'-43°; longitude 72°45'-73°]

BENNINGTON AND WINDHAM COUNTIES

From Bennington quadrangle east along Bennington-Wilmington road (State Highway 9) to point 1.3 miles west of Deerfield River, thence south and southwest along roads and back into Bennington quadrangle (by E. L. McNair in 1896)

Woodford, 5.8 mi. E. of, about 1 mi. E. of Searsburg-Woodford town line, 5 ft. S. of center of highway, opposite old house on N. side, on boulder; chiseled circle-----	2, 312. 05
Woodford, 6.4 mi. E. of, 4.9 mi. N. of Heartwellville, 1.3 mi. W. of Deerfield River at Searsburg, in triangle at junction of Bennington-Wilmington rd. and rd. S. to Heartwellville, 30 ft. from signpost, 6 ft. E. of rd. to Heartwellville, on top of large boulder; chiseled circle-----	2, 324. 60
Heartwellville, 2.4 mi. NE. of, 2.7 mi. SW. of Searsburg, at junction of Searsburg-Heartwellville rd. and rd. N., about 0.1 mi. N. of Searsburg-Readsboro town line; top of hill-----	2, 483. 8

Heartwellville, 2.3 mi. NE. of, at Searsburg-Readsboro town line, 600 ft. S. of rd. summit, 10 ft. E. of rd., on top of boulder; chiseled circle.....	Feet 2, 446. 11
Heartwellville, 1.2 mi. N. of, about 1.1 mi. S. of Searsburg-Readsboro town line, at Halfway Bridge over main tributary of West Branch of Deerfield River; floor of bridge.....	1, 954. 5

WOODSTOCK QUADRANGLE

[Latitude 43°30'–43°45'; longitude 72°30'–72°45']

RUTLAND AND WINDSOR COUNTIES

From Hanover quadrangle west along White River Junction-Rutland road
(U. S. Highway 4) to Bridgewater Corners (by A. F. McNair in 1910 and H. L.
Dodge in 1911; leveled twice)

Woodstock, opposite SW. corner of sta., on N. side of highway, on hydrant; nut of flange joint.....	696. 27
Woodstock, in NW. corner of courthouse; aluminum tablet stamped "705".....	705. 338
Woodstock, 1.4 mi. W. of, on E. side of highway, in front of foundry, on hydrant; nut of flange joint.....	713. 67
Woodstock, 2.6 mi. W. of, on E. side of highway, on boulder in stone wall; chiseled square.....	737. 34
Woodstock, 3.1 mi. W. of, 3.3 mi. E. of Bridgewater, at three corners, on stone foundation post of signboard; chiseled square.....	758. 56
Bridgewater, 2.1 mi. E. of, at W. side of N. end of bridge over small stream, on boulder; chiseled square.....	773. 58
Bridgewater, at bridge over mill race below dam, in E. end of N. abutment, on boulder; chiseled square.....	820. 35
Bridgewater Corners, at covered bridge over Ottauquechee River on rd. to Plymouth, in W. wing wall of N. abutment, in large stone; aluminum tablet stamped "856".....	855. 533

From Woodstock south along Woodstock-Springfield road (State Highway
106) into Ludlow quadrangle (by A. F. McNair in 1910 and H. L. Dodge in
1911; leveled twice)

Woodstock, 1.4 mi. S. of, 1.9 mi. N. of South Woodstock, at three corners, on W. side of highway, on ledge; chiseled square.....	727. 78
South Woodstock, at Colonial Inn, in cement foundation of porch; aluminum tablet stamped "1055".....	1, 055. 388
South Woodstock, 3.1 mi. SW. of, at top of hill, on E. side of highway, in ledge of rock; aluminum tablet stamped "1463".....	1, 463. 115

From Bailey Mills along roads west and north to Bridgewater Corners (by
A. F. McNair in 1910 and H. L. Dodge in 1911)

Bailey Mills, 1.4 mi. W. of, 2.5 mi. NW. of Hammondsville, 0.3 mi. W. of three corners, on N. side of rd., in rock; aluminum tablet stamped "1376 V" ⁴⁷	
Bailey Mills, 2.9 mi. W. of, 0.1 mi. E. of Brown School, at four corners, on S. side of rd., on boulder; chiseled square.....	1, 742. 85
Bridgewater Corners, 3.8 mi. S. of, 3.9 mi. NW. of Brown School, in Hale Hollow, 0.7 mi. by rd. W. of Plymouth-Reading town line, just W. of rd. forks, in large boulder in field; aluminum tablet stamped "1135 F".....	1, 134. 173

⁴⁷ Accurate figures of elevation for this benchmark could not be determined, as the rock in which it was set was later loosened and disturbed by flood. The tablet may therefore be several feet lower than the figures stamped upon it would indicate.

Bridgewater Corners, 2.6 mi. S. of, on W. side of rd., on boulder; chiseled square-----	<i>Feet</i> 1, 029. 97
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From Bridgewater Corners north along winding roads to Barnard (by A. F. McNair in 1910 and H. L. Dodge in 1911; leveled twice) ⁴⁸

Bridgewater Corners, 1.1 mi. N. of, on E. side of rd., on ledge of rock; chiseled square-----	915. 58
Bridgewater Corners, 2.1 mi. N. of, on W. side of rd., on boulder; chiseled square-----	929. 82
Bridgewater Corners, 4.7 mi. N. of, 3.4 mi. SE. of Chatauguay, on E. side of rd., in front of abandoned house, on stone; chiseled square-----	1, 192. 49
Chatauguay, 2.5 mi. SE. of, on E. side of rd., N. of abandoned house on W. side of rd., S. of culvert, on boulder; chiseled square-----	1, 265. 74
Chatauguay, at three corners, in foundation wall of school; aluminum tablet stamped "1417"-----	1, 417. 038
Chatauguay, 0.9 mi. N. of, on W. side of rd., on boulder; chiseled square-----	1, 539. 62
Chatauguay, 2.5 mi. NE. of, on W. side of rd., opposite abandoned house on E. side of rd., on boulder; chiseled square-----	2, 087. 02
Chatauguay, 3.8 mi. NE. of, 3.7 mi. SW. of Barnard, on W. side of rd., opposite abandoned house, on boulder; chiseled square-----	1, 712. 27
Barnard, 2.6 mi. SW. of, 400 ft. S. of three corners, on E. side of rd., in boulder; aluminum tablet stamped "1517"-----	1, 516. 703
Barnard, in SW. corner of Methodist Church; aluminum tablet stamped "1335 V"-----	1, 334. 701

From Woodstock north along roads to Pomfret (by A. F. McNair in 1910 and
H. L. Dodge in 1911; leveled twice)

Woodstock, at courthouse, in NW. corner of water table; aluminum tablet stamped "705 V"-----	705. 325
Woodstock, 1.0 mi. NW. of, 2.0 mi. SE. of South Pomfret, at three corners, on stone foundation of signpost; chiseled square-----	697. 86
South Pomfret, at Abbot Memorial Library, in SE. corner of founda- tion wall; aluminum tablet stamped "737 V"-----	736. 770
South Pomfret, 1.1 mi. NE. of, 1.7 mi. SW. of Pomfret, at three cor- ners, on E. side of rd., on stone; chiseled square-----	868. 64
Pomfret, 0.7 mi. SW. of crossroads, at three corners, on N. side of rd., on boulder; chiseled square-----	1, 086. 16
Pomfret, 1.1 mi. by rds. SW. of, 0.5 mi. NW. of last-described B. M., at house of George Larnard, in SE. corner of foundation wall; aluminum tablet stamped "1159"-----	1, 158. 887

From Pomfret northwest along roads to Barnard (by A. F. McNair in 1910)

Pomfret, 1.1 mi. NW. of, at three corners, on S. side of rd., on boulder; chiseled square-----	1, 280. 20
Pomfret, 2.4 mi. NW. of, 450 ft. SE. of three corners, on N. side of rd., on ledge of rock; chiseled square-----	1, 678. 68
Pomfret, 3.3 mi. NW. of, at three corners, on S. side of rd., on top stone of culvert over Broad Brook; chiseled square-----	1, 213. 42
Pomfret, 3.8 mi. NW. of, 4.1 mi. E. of Barnard, at three corners at junction of rd. S. to Line Pond, on N. side of rd., 100 ft. E. of house, on boulder; chiseled square-----	1, 303. 60
Barnard, 3.0 mi. E. of, on N. side of rd., on boulder; chiseled square--	1, 640. 20

⁴⁸ The accuracy of the figures of elevation here given for this line is doubtful. There were large local divergences between the two runnings, and there was no third running.

Barnard, 1.7 mi. E. and 0.5 mi. N. from, at junction of rd. E., on W. side of route rd., on boulder; chiseled point.....	<i>Feet</i> 1, 692. 59
Barnard, 1.8 mi. E. of, on E. side of rd., at junction of rd. W. (to Barnard), on boulder; chiseled square.....	1, 585. 85

From South Pomfret northwest along road to Barnard (by H. L. Dodge in 1911)

South Pomfret, 1.9 mi. NW. of, at base of tree, on highest point of large stone; chiseled (?) square.....	837. 07
Barnard, 3.2 mi. SE. of, 3.7 mi. NW. of South Pomfret, at three corners, on E. side of large boulder; chiseled (?) square.....	989. 09
Barnard, 2.3 mi. SE. of, at three corners, on large boulder; chiseled (?) square.....	1, 234. 24
Barnard, 1.8 mi. SE. of, at three corners, on ledge; chiseled (?) square..	1, 377. 46

Near Bailey Mills—on small circuit from Hammondsville, Ludlow quadrangle (by M. A. Roudabush in 1928)

Hammondsville, 1.5 mi. N. of, 20 ft. N. of W. abutment of bridge over Reading Hill Brook, under fence, in root on N. side of 6-in. maple tree; nail and copper washer.....	1, 070. 29
Hammondsville, 1.1 mi. NW. of, 130 ft. W. of Bailey Mills School, opposite junction of T-rd. E., in root on E. side of 20-in. maple tree; spike and washer.....	1, 077. 61

WOODSVILLE QUADRANGLE ⁴⁰

[Latitude 44°-44°15'; longitude 72°-72°15']

CALEDONIA AND ORANGE COUNTIES

From Corinth quadrangle east and southeast along Corinth-Bradford road into Mount Cube quadrangle (by R. G. Clinite in 1928)

Corinth post office, 2.5 mi. SE. of, at rd. forks marked "West Fairlee 7, Post Mills 9", 80 ft. N. of front door of 2-story brick house, on top of boulder; chiseled square.....	778. 04
Corinth post office, 3.9 mi. SE. of, 7.7 mi. NW. of Bradford, on N. side of Corinth-Bradford rd., at E. end of gate to uncultivated field, S. of sand banks, 20 ft. W. of small brook, in top of large rectangular boulder; standard tablet stamped "C 7 1928".....	781. 480
Reference mark, 450 ft. NE. of tablet, on N. side of rd., in root of 36-in. pine tree; spike.....	778. 65
Corinth post office, 4.3 mi. SE. of, 7.3 mi. NW. of Bradford, at crossing of Corinth-Bradford town line; center line of rd.....	790. 0
Corinth post office, 4.9 mi. SE. of, 6.7 mi. NW. of Bradford, on NW. side of Corinth-Bradford rd., on SE. bank of creek, 120 ft. N. of iron bridge, on SW. one of two large hemlock trees, in root; spike...	714. 15
Bradford, 5.5 mi. NW. of, 45 ft. NE. of iron bridge over Waits River, 5 ft. W. and 15 ft. N. from forks of Montpelier-Bradford rd. (State Highway 25) and rd. SW. to Corinth, on ledge; chiseled square...	602. 72
Bradford, 4.2 mi. NW. of, on SW. side of Montpelier-Bradford rd. (State Highway 25), between highway and Waits River, in top of ledge 3.5 ft. above ground; standard tablet stamped "C 8 1928"...	558. 810
Reference mark, 50 ft. SE. of tablet, in root of 24-in. pine tree; spike...	554. 47
Bradford, 3.2 mi. NW. of, on Montpelier-Bradford rd., at W. end of iron bridge over Waits River, on N. (upstream) end of concrete bridge seat; chiseled square.....	525. 28

⁴⁰ Part of this quadrangle lies in New Hampshire.

From Wells River northwest along Montpelier & Wells River Railroad and U. S. Highway 2 to Ricker Mills, thence generally east along roads to point near Lower Symes Pond, thence northeast into Barnet quadrangle (by M. A. Roudabush in 1933 and B. B. Chamblin in 1935)

[Line jogs into Barnet quadrangle.]

	<i>Feet</i>
U. S. C. & G. S. standard disk stamped "K 8"-----	460. 760
Wells River sta., 1.0 mi. W. of, opposite power plant, N. of Wells River, S. of Montpelier & Wells River R. R. track, on SE. corner of milepost marked "M 37 WR 1"; chiseled square-----	519. 62
Wells River, 2.0 mi. W. of, opposite milepost and sawmill N. of rd., 20 ft. N. of Wells River-Montpelier rd. (U. S. Highway 2), on large boulder; chiseled square-----	577. 19
Wells River, 2.6 mi. NW. of, 430 ft. NW. of crossroads, at concrete bridge over small brook, in W. end of S. abutment; standard tablet stamped "614 MR 7 1933"-----	614. 196
Reference mark, 24 ft. SE. of tablet, on top of S. end of E. parapet of bridge; chiseled square-----	618. 42
Boltonville, at W. corner of R. R. sta., on top of stone foundation; chiseled square-----	666. 92
Boltonville, 0.8 mi. W. of, on U. S. Highway 2, in W. angle of junction of rd. SW. to Newbury Center, in root on N. side of 24-in. elm tree; spike (Vt. Hwy. Dept. B. M. 10)-----	718. 57
Boltonville, 1.2 mi. NW. of, 15 ft. W. of U. S. Highway 2, in W. side of base of 50-in. pine tree; spike-----	678. 21
Boltonville, 1.5 mi. NW. of, 20 ft. E. of highway, in root on NW. side of 18-in. maple tree; spike-----	710. 43
Boltonville, 1.6 mi. NW. of, 1.0 mi. E. of South Ryegate, at steel highway bridge over Wells River, in top of E. wing wall of S. abutment, at floor level; standard tablet stamped "698 MR 8 1933"-----	697. 633
Reference mark, 110 ft. NW. of tablet, on E. end of N. back wall of above-mentioned bridge; chiseled square (Vt. Hwy. Dept. B. M. 500.0)-----	700. 14
South Ryegate, about 0.2 mi. E. of, on Montpelier & Wells River R. R., at division line 6-7, 20 ft. N. of track, at milepost marked "WR 6 M 32"; SW. corner of milepost-----	733. 37
South Ryegate, 700 ft. SE. of R. R. sta., 100 ft. S. of Chester Rosa granite shed, on highway bridge over Wells River, in E. end of N. back wall; chiseled square-----	733. 34
South Ryegate, 0.6 mi. along R. R. W. of, 400 ft. W. of public crossing, 100 ft. E. of private crossing, 20 ft. N. of track, on top of milepost marked "WR 7"; chiseled square-----	744. 29
South Ryegate, 1.5 mi. W. of, 1.6 mi. SE. of Groton, 20 ft. N. of R. R. track, opposite farm building, on NW. corner of granite milepost marked "WR 8 MR 30"; chiseled square-----	763. 47
Groton, 0.7 mi. SE. of, at large R. R. culvert over Meadow Brook, on E. end of S. concrete head wall; standard tablet stamped "753 MR 9 1933"-----	752. 932
Reference mark 1, 450 ft. E. of tablet, 20 ft. S. of track, 3 ft. above rail level, in top of embedded boulder; chiseled square-----	761. 65
Reference mark 2, 550 ft. NW. of tablet, 10 ft. N. of track, on NW. corner of milepost marked "WR 9 M 29"; chiseled square-----	769. 91
Groton, 200 ft. NW. of R. R. sta., 60 ft. N. of track, 60 ft. W. of junction of rd. to Topsham, 1 ft. S. of SE. corner of Vance Block, on stone foundation; chiseled square-----	811. 88

	<i>Feet</i>
Groton, 0.4 mi. W. of, 15 ft. N. of center line of R. R. track, on top of milepost marked "WR 10 M 28"; chiseled square.....	824. 18
Groton, 1.4 mi. W. of, 15 ft. N. of center line of R. R. track, on top of milepost marked "WR 11 M 27"; old chiseled square.....	898. 85
Groton, 1.9 mi. W. of, 20 ft. N. and 95 ft. E. from junction of T-rd. N. (to C. C. C. camp 2192), in root on N. side of 30-in. elm tree; old copper nail and washer.....	908. 39
Groton, 2.6 mi. W. of, 1.7 mi. S. of Ricker Mills, 75 ft. N. of center line of rd., at curve in rd. N., on rock outcrop; chiseled square.....	1, 065. 40
Ricker Mills, 0.9 mi. S. of R. R. sta., 950 ft. N. of milepost marked "WR 12 M 26", 550 ft. S. of farmhouse, E. of rd., in corner of field, in top of embedded boulder; chiseled square.....	974. 31
Ricker Mills, 300 ft. W. of R. R. sta., 80 ft. S. of tracks, 70 ft. N. of Lake House Hotel, 6 ft. SE. of large pine tree; standard tablet stamped "1066 MR 13 1933".....	1, 065. 710
Reference mark, 296 ft. E. of tablet, 30 ft. W. of sta., N. of track, in top of milepost marked "WR 13 M 25"; chiseled square.....	1, 061. 27
Ricker Mills, 1.2 mi. NE. of, 4.0 mi. NW. of Groton, opposite rd. forks E. and S., 250 ft. SW. of Plummer School, on NW. side of Peacham rd., in top of embedded boulder; chiseled square.....	1, 486. 53
Groton, 2.0 mi. N. of, 400 ft. NW. of crossroads, 25 ft. S. and 20 ft. W. from junction of rd. SE., in root on S. side of 12-in. maple tree; copper nail and washer.....	1, 194. 92
Groton, 1.8 mi. N. and 0.7 mi. NE. from, opposite T-rd. E., in root on E. side of 10-in. maple tree at telephone line W.; copper nail and washer.....	1, 212. 00
Ryegate Church, 2.8 mi. N. of, 100 ft. NW. of junction of mountain rd. W., 50 ft. SE. of District School 2, in root on S. side of 30-in. maple tree; copper nail and washer.....	1, 299. 83
Ryegate Church, 2.0 mi. N. of, 110 ft. S. of junction of T-rd. NE., 10 ft. N. of brook, in top of large boulder; standard tablet stamped "1213 MR 15 1933".....	1, 213. 322
Reference mark, 21 ft. W. of tablet, in root on N. side of 18-in. birch tree; copper nail and washer.....	1, 210. 96
Ryegate Church, 0.2 mi. N. and 0.8 mi. by abandoned rd. E. from, 3.4 mi. SW. of McIndoe Falls, in NE. angle of second-class crossroads, at SE. corner of stone culvert over Manchester Brook, on boulder; chiseled square.....	811. 30
McIndoe Falls, 2.5 mi. SW. of, 0.2 mi. N. of Symes Pond School, 40 ft. N. of Y-forks, W. of rd. at summit, in root on E. side of 12-in. birch tree; copper nail and washer.....	837. 49
From point on U. S. Highway 2, 1 mi. W. of Boltonville south along roads to Newbury Center (by M. A. Roudabush in 1933)	
Boltonville, 1.0 mi. W. of, 0.3 mi. S. of junction of route rd. and U. S. Highway 2, 50 ft. SW. of rd. forks, in large boulder in field; chiseled square.....	794. 56
Boltonville, 1.7 mi. SW. of, 3.6 mi. N. of Newbury Center, 50 ft. E. of rd., opposite white house, in root on W. side of 15-in. elm tree; nail.....	895. 43
Newbury Center, 3.3 mi. N. of, opposite T-rd. E., on boulder; chiseled square.....	949. 32
Newbury Center, 3.2 mi. N. of, 100 ft. W. of rd., 40 ft. S. of junction of T-rd. to Jefferson Hill, on boulder; chiseled square.....	975. 38
Newbury Center, 2.0 mi. N. of, 35 ft. SE. of rd., in top of low ledge; standard tablet stamped "1001 MR 6 1933".....	1, 000. 703

Reference mark 1, 30 ft. N. of tablet, in corner of field, on S. corner of large embedded boulder; chiseled square-----	Feet 998. 84
Reference mark 2, 28 ft. SW. of tablet, E. of rd., in root on E. side of 12-in. elm tree; copper nail and washer-----	998. 73
Newbury Center, 0.8 mi. N. of, opposite T-rd. E., in S. side of base of 15-in. maple tree; copper nail and washer-----	907. 00
From point near Conicut (South Newbury post office) southeast along Boston & Maine Railroad to Conicut, thence northwest along roads to West Newbury Church, thence north to Newbury Center, thence west to Butterfield Four Corners (by M. A. Roudabush in 1933) ⁵⁰	
U. S. C. & G. S. standard disk stamped "N 8"-----	405. 596
Conicut, 1.3 mi. N. of, 66 ft. S. of U. S. C. & G. S. B. M. designated "N 8", 6 ft. E. of E. rail, on SW. corner of concrete base of semaphore 335; bolt in chiseled square-----	405. 06
Conicut, 0.7 mi. N. of, on concrete base of semaphore 328; chiseled square-----	406. 94
U. S. C. & G. S. standard disk stamped "P 8"-----	408. 329
Conicut, on E. row of bases under overhead highway trestle; chiseled square, marked "155-49" (R. R. B. M.)-----	410. 68
Conicut, 0.2 mi. NW. of sta., at highway bridge over Halls Brook, on NE. corner of S. wheel guard-----	412. 10
Conicut, 1.0 mi. NW. of, opposite rd. W., 35 ft. N. of W. end of dam, 8 ft. above water level, 8 ft. below rd. level, in pasture, in top of small rock outcrop; chiseled square-----	502. 70
Conicut, 2.2 mi. NW. of, 2.0 mi. SE. of West Newbury Church, 50 ft. E. and 15 ft. S. from Peach Four Corners, in root on N. side of 12-in. elm tree; copper nail and washer-----	620. 56
West Newbury Church, 1.8 mi. SE. of, on SW. corner of E. abutment of steel bridge over Chalmers Brook; chiseled square-----	597. 70
West Newbury Church, 1.1 mi. SE. of, 200 ft. E. of sawmill, 40 ft. N. and 40 ft. W. from junction of macadam rd. SE., in root on W. side of 6-in. quaking-aspen tree; copper nail and washer-----	687. 34
West Newbury Church, 1.0 mi. E. of, at concrete culvert over outlet of Halls Pond, on NE. corner of S. wheel guard; chiseled square-----	711. 34
West Newbury Church, 14 ft. SE. of center of spire of, in lower concrete step; standard tablet stamped "940 MR 1 1933"-----	939. 783
Reference mark, 65 ft. S. of tablet, in root 5 ft. N. of center of large pine tree; copper nail and washer-----	942. 05
West Newbury Church, 0.5 mi. W., thence 0.9 mi. N. from, 50 ft. S. of brook, 20 ft. E. of highway, in root 3 ft. E. of 18-in. elm tree; copper nail and washer-----	1, 016. 58
West Newbury Church, 0.5 mi. W., thence 1.8 mi. N. from, 80 ft. N. and 15 ft. E. from T-rd. W., in top of large granite boulder; chiseled square-----	1, 081. 93
Newbury Center, 1.1 mi. S. of, 20 ft. E. of rd., at foot of NW. side of slate ridge, in lowest ledge; standard tablet stamped "MR 2 1933"-----	1, 189. 326
Reference mark, 12 ft. NE. of tablet, at W. edge of stone fence, in same ledge; bottom of 1-by 1-in. hole-----	1, 188. 90
Newbury Center, 0.5 mi. S. of, opposite T-rd. W., 40 ft. E. of route rd., 2 ft. S. of fence, in top of large boulder; chiseled square-----	1, 156. 68
Newbury Center, 850 ft. NW. of site of former post office, 150 ft. N. of T-rd. NE., opposite Buchanan's shop, in E. side of base of 18-in. maple tree; copper nail and washer-----	1, 001. 77

⁵⁰ The portion of this line extending from West Newbury Church to Newbury Center was leveled twice.

Newbury Center, 1.0 mi. W. of, 620 ft. E. of crossroads, on summit of spur, 15 ft. N. of rd. at bend S., in root on S. side of 18-in. maple tree; copper nail and washer-----	<i>Feet</i> 1, 335. 86
Newbury Center, 2.0 mi. W. of, 170 ft. E. of South Ryegate rd., 100 ft. E. of outlet of Eastman Pond, 30 ft. S. of rd., in top of embedded boulder; standard tablet stamped "1245 MR 3 1933"-----	1, 244. 949
Reference mark, 60 ft. NE. of tablet, 10 ft. N. of rd. E., in top of angular boulder; chiseled square-----	1, 248. 53
Limekiln School, 1.1 mi. SW. of, 40 ft. E. of junction of farm rd. and rd. to South Ryegate, on S. end of E. head wall of granite culvert; chiseled square-----	1, 198. 05
Limekiln School, 2.0 mi. SW. of, opposite farm rd. N., 400 ft. N. of public rd. to E., on boulder; chiseled square-----	1, 110. 80
Limekiln School, 2.5 mi. SW. of, 480 ft. W. of Newbury-Topsham town line, in top of NW. wing wall of concrete bridge (built in 1927); chiseled square-----	1, 039. 91
East Corinth, 3.3 mi. N. of, 0.8 mi. NE. of Butterfield Four Corners, 140 ft. N. of junction of rd. NW. to Dimock orchard, 50 ft. W. of brook, in top of embedded boulder; standard tablet stamped "907 MR 4 1933"-----	906. 732
Reference mark, 117 ft. SW. of tablet, 30 ft. W. of rd. forks, in root on N. side of 15-in. maple tree; copper nail and washer-----	904. 82

From Groton south along roads by way of Butterfield Four Corners to East Corinth (by M. A. Roudabush in 1933)

Groton, 200 ft. S. of R. R. and W. of Topsham rd., on ledge; old chiseled square-----	828. 49
Groton, 1.0 mi. SW. of, on E. side of T-rd. S., 10 ft. E. of fence line, in embedded boulder; chiseled square-----	963. 93
Groton, 2.0 mi. SW. of, 500 ft. SW. of Hatch rd., 60 ft. S. of O. C. Frost farmhouse, 30 ft. W. of route rd., in top of boulder; standard tablet stamped "1298 MR 10 1933"-----	1, 297. 684
Reference mark, 130 ft. NE. of tablet, 40 ft. E. of N. end of farmhouse, in top of embedded boulder; chiseled square-----	1, 291. 44
Groton, 2.8 mi. SW. of, in SW. angle of junction of Monroe rd. (to W.), on top of ledge; chiseled square-----	1, 318. 80
Groton, 3.8 mi. SW. of, 3.7 mi. N. of Topsham, 90 ft. S. and 12 ft. E. from junction of T-rd. SE., in root on W. side of 30-in. elm tree; copper nail and washer-----	1, 631. 12
Topsham, 2.6 mi. N. of, 200 ft. E. of rd. forks, 200 ft. S. of Powder Spring Falls, 50 ft. SE. of brook, in top of large embedded boulder; standard tablet stamped "1330 MR 11 1933"-----	1, 330. 421
Reference mark, 50 ft. S. of tablet, 25 ft. W. of woods, in top of ledge; chiseled square-----	1, 335. 18
Topsham, 1.8 mi. N. of, 30 ft. W. of rd., opposite Charles Hood farmhouse, in top of high ledge; chiseled square-----	1, 203. 14
Topsham, 1.1 mi. N. of, 270 ft. N. of rd. forks, 40 ft. W. of highway, E. of Tabor Brook, in top of lower ledge of prominent outcrop; chiseled square-----	1, 099. 23
Topsham, 0.4 mi. NW. of post office, 200 ft. S. of rd. fork to West Topsham, 70 ft. W. of center line of route rd., in field of Herbert Wilkins, in ledge; standard tablet stamped "1018 MR 12 1933"-----	1, 018. 361
Reference mark, 300 ft. SE. of tablet, 100 ft. E. of Wilkins farmhouse, outside of wall, in root on S. side of 12-in. maple tree; copper nail and washer-----	1, 018. 18

Topsham, 200 ft. W. of post office and crossroads, at N. side of bridge over Broad Brook, on E. angle of concrete parapet, 3 ft. above floor level; sloping chisel cut (probably Vt. Hwy. Dept. B. M.)	<i>Feet</i> 935. 69
Topsham, 0.8 mi. S. of post office, 650 ft. N. of junction of T-rd. SW., 200 ft. SE. of white farmhouse, 60 ft. NW. of traverse sta., 20 ft. E. of rd., in root on S. side of 18-in. maple tree; copper nail and washer	862. 77
Topsham, 1.8 mi. S. of, 2.5 mi. N. of East Corinth, 50 ft. N. of Butterfield Four Corners, 2 ft. N. of signpost, on boulder; chiseled square	816. 24
East Corinth, 1.5 mi. N. of, 20 ft. E. of rd. at bend W., opposite frame farmhouse, in base on W. side of 20-in. maple tree; copper nail and washer	768. 85
East Corinth, near N. end of village, opposite Bowen-Hunter bobbin factory, on top of SE. wing wall of concrete bridge; chiseled square	718. 32

From East Corinth southeast along Montpelier-Bradford road (State Highway 25) into Mount Cube quadrangle (by M. A. Roudabush in 1933 and B. B. Chamblin in 1935; leveled twice)

East Corinth, 0.7 mi. S. of, at concrete highway bridge over Waits River, in top of SE. wing wall; standard tablet stamped "665 MR 5 1933"	664. 874
Reference mark, 69 ft. N. of tablet, on top of NE. wing wall of bridge; chiseled square	664. 74
East Corinth, 1.1 mi. S. of, 35 ft. SE. of junction of rd. W., at small concrete bridge, on SE. corner of stone foundation; chiseled square	649. 21
East Corinth, about 2 mi. SE. of, near Corinth-Bradford town line, 20 ft. S. of center line of highway, in hollow, in base of 20-in. willow tree; copper nail and washer	642. 31
East Corinth, 2.1 mi. S. of, 180 ft. S. of Corinth-Bradford town line, at W. edge of highway, in base on E. side of 15-in. pine tree; copper nail and washer	651. 91
East Corinth, 3.1 mi. SE. of, 5.5 mi. NW. of Bradford, 115 ft. N. of forks of Montpelier-Bradford rd. and rd. SW. to South Corinth, 45 ft. NE. of iron bridge over Waits River, on ledge; chiseled square	602. 72

VERMONT-NEW HAMPSHIRE BOUNDARY MARKS, 1934-36

The figures of elevation here given are taken from the report of Samuel S. Gannett, special commissioner appointed in 1934 by the Supreme Court of the United States to locate and mark the boundary between the State of Vermont and the State of New Hampshire at certain specified points. See "Supreme Court of the United States, October term, 1936, No. 2, Original (290 U. S. 579)." These figures are referred to mean sea level and are based on the 1929 general adjustment of leveling in the United States.

The initial point of Mr. Gannett's survey is a copper bolt in the Mud Turtle monument, the common corner of Vermont and New Hampshire on the north line of Massachusetts. The other marks are tablets, set either in monuments established for this purpose or in already existing substantial structures located on or near the State line as here designated. In the column headed "Mark no." the figures preceded by an asterisk indicate that the marks so designated are set on the actual State line; these are known as *line-marked* tablets. Marks not so designated are known as reference tablets. The positions of the marks are given in terms of latitude and longitude based on the 1927 North American datum.

Vermont-New Hampshire boundary marks

Mark no.	Latitude			Longitude			Elevation (feet)	Mark no.	Latitude			Longitude			Elevation (feet)
	°	'	"	°	'	"			°	'	"	°	'	"	
*0	42	43	36.73	72	27	32.08	177.017	44	44	19	47.07	72	00	00.62	698.615
1	42	43	36.95	72	27	39.87	-----	*4	44	19	31.69	72	00	04.29	682.451
2	42	44	10.32	72	27	50.98	244.804	45	44	20	38.74	71	53	22.34	682.505
3	42	44	06.69	72	27	56.01	257.978	*5	44	20	34.29	71	53	21.63	678.882
4	42	46	17.89	72	30	56.91	227.568	46	44	20	18.44	71	52	14.05	759.966
*1	42	46	17.32	72	30	53.64	232.103	47	44	20	22.70	71	52	15.30	800.467
4-A	42	48	25.39	72	32	34.81	281.188	48	44	20	30.18	71	51	07.25	709.426
4-B	42	48	34.66	72	32	39.54	272.118	49	44	21	07.14	71	49	44.87	716.384
5	42	50	22.16	72	33	00.76	227.540	50	44	24	43.74	71	43	22.44	864.906
*2	42	50	18.09	72	32	50.39	232.070	51	44	24	39.57	71	43	02.06	865.535
6	42	50	42.45	72	33	11.01	236.424	*6	44	24	37.17	71	43	03.02	-----
7	42	51	04.29	72	33	25.95	241.582	52	44	25	42.81	71	40	50.28	853.358
8	42	53	01.28	72	33	11.39	247.711	53	44	27	37.73	71	39	14.45	854.132
8-A	42	53	45.79	72	32	01.19	252.817	54	44	29	45.13	71	35	48.61	853.981
9	43	05	05.28	72	26	11.71	246.275	55	44	30	25.09	71	35	19.04	856.249
10	43	07	30.08	72	26	19.11	257.947	56	44	31	37.56	71	34	55.65	850.335
11	43	08	07.43	72	26	29.16	301.449	57	44	33	51.81	71	33	43.02	869.025
*3	43	08	08.56	72	26	27.44	299.273	58	44	33	51.69	71	33	37.17	862.563
12	43	08	13.35	72	26	47.60	300.291	59	44	33	52.92	71	33	37.52	868.284
13	43	08	13.23	72	26	48.56	300.630	60	44	35	06.04	71	33	04.53	892.729
14	43	08	13.18	72	26	57.82	325.686	61	44	35	14.26	71	32	19.40	859.927
15	43	08	11.74	72	26	58.72	332.101	62	44	35	31.45	71	33	04.30	889.882
15-A	43	09	43.08	72	27	18.35	322.319	63	44	39	05.97	71	33	52.80	863.674
16	43	15	44.19	72	25	43.55	318.948	64	44	40	32.38	71	35	36.85	866.514
17	43	24	12.89	72	24	10.20	350.125	65	44	41	14.78	71	35	59.69	912.220
18	43	28	20.15	72	23	25.15	352.958	66	44	43	02.23	71	36	59.13	977.367
19	43	28	26.54	72	23	08.20	324.185	67	44	45	09.42	71	37	57.00	904.483
20	43	34	00.95	72	22	51.20	343.953	68	44	45	10.94	71	37	58.38	915.618
21	43	33	55.70	72	22	51.71	-----	69	44	45	26.12	71	37	11.79	960.956
22	43	38	47.65	72	18	53.68	355.974	70	44	45	24.78	71	37	10.06	895.295
23	43	39	03.03	72	18	56.28	356.210	71	44	46	43.12	71	35	51.18	968.267
24	43	40	25.44	72	18	14.89	395.610	72	44	47	11.33	71	34	51.24	1,034.182
25	43	40	55.45	72	18	14.77	408.143	73	44	51	12.82	71	33	10.09	1,007.601
26	43	40	41.74	72	18	14.09	404.634	74	44	51	26.15	71	32	59.46	1,007.847
27	43	42	13.98	72	18	03.63	394.825	75	44	53	07.41	71	31	09.82	1,017.710
28	43	42	23.97	72	18	02.04	386.584	76	44	53	55.88	71	30	32.13	1,017.032
29	43	48	42.27	72	11	05.73	398.341	77	44	56	22.10	71	31	26.68	1,023.098
30	43	50	32.10	72	11	03.86	398.950	78	44	56	37.33	71	31	32.17	1,021.586
31	43	54	27.89	72	08	26.00	417.698	79	44	57	55.00	71	31	31.89	1,052.007
32	43	58	40.24	72	06	49.86	423.364	80	44	58	05.07	71	31	30.71	1,055.501
33	44	02	45.43	72	04	32.08	418.522	81	44	58	52.74	71	32	31.59	1,072.246
34	44	04	01.64	72	03	08.86	405.767	82	44	59	23.33	71	32	21.51	1,033.961
35	44	07	27.36	72	02	47.82	407.212	83	44	59	45.86	71	32	09.21	1,049.205
36	44	09	15.42	72	02	32.51	440.867	84	44	59	49.40	71	32	02.05	1,047.547
37	44	09	16.67	72	02	30.71	433.761	85	44	59	58.75	71	31	52.02	1,062.109
38	44	09	41.73	72	02	34.15	430.803	86	45	00	02.57	71	31	47.94	1,073.942
38-A	44	12	20.52	72	03	32.36	429.496	87	45	00	31.07	71	30	27.52	1,091.175
39	44	12	29.34	72	03	31.99	434.646	*7	45	00	28.74	71	30	28.37	1,097.886
40	44	15	35.65	72	03	39.67	476.977	88	45	00	30.67	71	30	21.24	1,088.890
41	44	15	43.33	72	03	43.22	465.935	89	45	00	30.95	71	30	18.11	1,080.613
42	44	17	14.75	72	03	27.19	472.003	90	45	00	48.73	71	28	01.56	1,162.778
43	44	19	16.16	72	01	55.09	525.404	91	45	00	48.75	71	27	57.20	1,102.859

SUPPLEMENTAL ELEVATIONS

The table below shows altitudes of well-known features in Vermont, such as summits, water surfaces, and tops of rails at railroad stations, as assembled from the topographic maps of the Geological Survey and from other sources.⁵¹ These altitudes, with the exception of a few which were determined by spirit leveling along railroads, were obtained by barometric and vertical-angle measurements. The figures given are in accord with the latest information, but they are only approximate and should not be used for accurate work.

Supplemental elevations in Vermont

Location	County	Elevation (feet)
Acton Hill.....	Windham.....	2, 040
Adams Mountain, Adams Δ.....	Addison.....	3, 236
Alburg, C. V. Ry., union station.....	Grand Isle.....	120
Allen Hill.....	Orleans.....	1, 565
Ames Hill.....	Windham.....	1, 862
Antone Mountain.....	Bennington.....	2, 660
Arlington, Rutland R. R.....	do.....	692
Arrowhead Mountain, Milton Δ.....	Chittenden.....	947
Ascutney Mountain, Ascutney Δ.....	Windsor.....	3, 144
Austin Hill, Austin Δ.....	Rutland.....	2, 274
Austin Pond, water surface.....	do.....	468
Averill Mountain.....	Essex.....	2, 240
Ayers Hill.....	Franklin.....	1, 326
Bald Hill.....	Rutland.....	2, 088
Bald Mountain.....	Bennington.....	2, 865
Bald Mountain.....	Orleans.....	3, 315
Bald Mountain (Mendon township).....	Rutland.....	2, 087
Bald Mountain (West Haven township).....	do.....	1, 046
Bald Mountain, Bald Δ.....	Washington.....	2, 586
Bald Mountain (lookout station).....	Windham.....	1, 680
Bald Mountain.....	Windsor.....	2, 390
Bald Top.....	Orange.....	1, 765
Baldwin Hill.....	Essex.....	1, 961
Ball, The.....	Bennington.....	2, 715
Ball Hill.....	Windsor.....	1, 900
Ball Mountain.....	Windham.....	1, 745
Barber Mountain.....	Rutland.....	1, 541
Bare Hill, Bare Hill Δ.....	Windham.....	1, 113
Barker.....	Rutland.....	1, 395
Barker Hill.....	do.....	1, 210
Barnum Hill.....	Addison.....	496
Barr Hill, Barr Hill Δ.....	Orleans.....	2, 121
Barre, M. & W. R. R. R.....	Washington.....	642

⁵¹ Gannett, Henry, A dictionary of altitudes in the United States (fourth edition): U. S. Geol. Survey Bull. 274, pp. 987-995, 1906. Perkins, G. H., Report of the State Geologist on the mineral industries and geology of Vermont, 1915-1916 (tenth of the series), pp. 153-191, 1916. Clifford, C. J., Leveling in New Hampshire and Vermont: U. S. Coast and Geodetic Survey Special Pub. 182, pp. 22-23, 1934.

Supplemental elevations in Vermont—Continued

Location	County	Elevation (feet)
Barre Transfer, M. & W. R. R.	Washington	546
Bartlett Hill	Lamoille	1,400
Barton, C. P. Ry	Orleans	949
Barton Mountain	do	2,235
Bartonsville, Rutland R. R.	Windham	485
Battell Mountain	Addison	3,471
Baxter Mountain	Windsor	1,530
Beach Hill	Orleans	2,178
Bean Mountain	Lamoille	2,206
Bean Pond, water surface	Caledonia	1,178
Bear Hill, Brookfield Δ	Orange	1,985
Bear Hill (Grafton township)	Windham	1,724
Bear Hill (Putney township)	do	1,140
Bear Mountain	Bennington	3,320
Bear Mountain	Rutland	2,262
Beebe Pond, water surface	do	622
Beecher Falls, M. C. R. R.	Essex	1,096
Beldens, Rutland R. R.	Addison	325
Bellevue Δ (U. S. C. & G. S.)	Franklin	1,410
Bellows Falls, B. & M. R. R.	Windham	301
Belvidere Mountain, Belvidere Δ	Orleans	3,360
Bennington, Rutland R. R.	Bennington	668
Benson	Rutland	550
Berlin Pond, water surface	Washington	972
Bethel, C. V. Ry	Windsor	569
Biddie Knob	Rutland	2,020
Big Jay	Franklin	3,800
Big Pond, water surface	Bennington	2,263
Big Spruce Mountain	do	2,510
Billings	Lamoille	2,715
Bird Mountain	Rutland	2,210
Black Hill	Orleans	2,180
Black Mountain	Essex	2,802
Black Mountain	Windham	1,269
Black Pond, water surface	Rutland	625
Blue Ridge Mountain	do	3,293
Blueberry Hill	do	1,724
Boardman Hill	do	1,315
Bolton Mountain	Chittenden	3,725
Boltonville, M. & W. R. R. R.	Orange	665
Bomoseen Lake, water surface	Rutland	413
Bowen Mountain	Lamoille	2,340
Braintree, C. V. Ry	Orange	779
Braintree Mountain	Addison	3,023
Braintree Road Δ	do	1,698
Brandon, Rutland R. R.	Rutland	390
Brattleboro, B. & M. R. R., union station	Windham	237
Bread Loaf Mountain	Addison	3,823
Breese Pond, water surface	Rutland	555
Bridport	Addison	321
Brigham Hill	Chittenden	1,032
Brocklebank Hill	Orange	2,140
Bromley Mountain	Bennington	3,260
Brookfield Δ, Bear Hill	Orange	1,985
Brousseau Mountain	Essex	2,714
Brown Δ	Lamoille	1,765
Brownell Mountain	Chittenden	820
Brownington Pond, water surface	Orleans	991
Bryant Mountain	Addison	1,122
Buck, St. J. & L. C. R. R.	Lamoille	516
Buck Mountain	Addison	927
Bull Hill	Windham	1,641

Supplemental elevations in Vermont—Continued

Location	County	Elevation (feet)
Burlington, C. V. Ry	Chittenden	102
Burnside Mountain	Essex	2,524
Burnt Hill	Addison	2,980
Burnt Hill	Bennington	2,600
Burnt Rock Mountain	Washington	3,168
Burr Pond, water surface	Rutland	512
Butterfield Hill	Windsor	1,060
Butternut Hill	do	1,715
Butternut Mountain	Lamoille	2,160
Cambridge, C. V. Ry	do	457
Cambridge Junction, St. J. & L. C. R. R.	do	473
Cambridge Δ	do	3,132
Camels Hump Δ	Washington	4,083
Cape Lookoff Mountain	Addison	3,298
Caspian Lake, water surface	Orleans	1,400
Castleton, D. & H. R. R.	Rutland	441
Cavendish, Rutland R. R.	Windsor	927
Center, C. P. Ry	Orleans	779
Center Hill	Orange	1,593
Center Rutland, Rutland R. R.	Rutland	529
Central Mountain	Windham	2,006
Chaffee Mountain	Rutland	2,506
Chamberlain Hill	Chittenden	920
Charlotte, Rutland R. R.	do	167
Chase Mountain	Washington	2,060
Chester, Rutland R. R.	Windsor	597
Childs Hill	Orange	1,300
Clarendon, Rutland R. R.	Rutland	560
Clark Mountain	do	1,961
Cobb Hill	Addison	2,300
Cobb Hill	Windsor	1,960
Cobble, The	Rutland	1,519
Cobble Hill	Chittenden	860
Cobble Hill	Windham	1,907
Cobble Hill	Windsor	1,260
Cobbler Hill	Franklin	1,400
Colby Mountain	Essex	1,474
Colchester, C. V. Ry	Chittenden	319
Colchester Pond, water surface	do	366
Cold River, Rutland R. R.	Rutland	555
Coles Pond, water surface	Caledonia	2,194
College Hill	Windham	2,051
Colton Hill	Orange	2,412
Concord, St. J. & L. C. R. R.	Essex	888
Cooks Hill	Orange	1,685
Cooper Hill	Windham	2,606
Copperas Hill	Rutland	1,861
Corporation Mountain	do	3,100
Cow Mountain	Essex	2,280
Coxe Mountain	Rutland	2,020
Coy Mountain	do	2,060
Crane Mountain	Windham	1,680
Crawford Hill, Crawford Δ	Orleans	1,546
Crystal Lake, water surface	do	945
Curtis Hill	Orange	1,561
Cushman Barn Δ	Windsor	2,640
Cutler Pond, water surface	Franklin	250
Cuttingsville, Rutland R. R.	Rutland	1,045
Cutts Peak	Washington	4,080

Supplemental elevations in Vermont—Continued

Location	County	Elevation (feet)
Danby, Rutland R. R.	Rutland	675
Danby Hill	do	2, 112
Daniels Pond, water surface	Orleans	1, 631
Danville, St. J. & L. C. R. R.	Caledonia	1, 053
Davidson Hill	Orange	1, 740
Deer Mountain	Windsor	2, 200
Deignault Hill	Addison	645
Delano Hill	do	510
Delectable Mountain, Gaysville Δ	Windsor	2, 053
Densmore Mountain	Washington	2, 720
Derby Line, B. & M. R. R.	Orleans	1, 044
Derby Pond, water surface	do	981
Diamond Hill, Loarmouth Δ	Caledonia	1, 648
Doctor Δ	Franklin	1, 567
Dollif Mountain	Essex	1, 860
Dome, The	Bennington	2, 754
Dorset	do	940
Dorset Peak	Rutland	3, 804
Dow, St. J. & L. C. R. R.	Caledonia	1, 423
Dow Hill	Chittenden	1, 231
Dowling Hill, East Lake Δ	Orleans	1, 345
Dummerston, B. & M. R. R.	Windham	264
Dumpling Hill	Washington	1, 960
Dutch Hill	Rutland	2, 480
Eagle Ledge	Orange	1, 859
East Charlotte	Chittenden	375
East Clarendon, Rutland R. R.	Rutland	844
East Concord, M. C. R. R.	Essex	884
East Dorset, Rutland R. R.	Bennington	790
East Hardwick, St. J. & L. C. R. R.	Caledonia	1, 043
East Lake Δ, Dowling Hill	Orleans	1, 345
East Mountain	Chittenden	2, 812
East Mountain	Rutland	2, 390
East Mountain	Windham	1, 424
East Mountain	Windsor	2, 260
East Randolph Δ, Old Hurricane Hill	Orange	1, 910
East Rupert	Bennington	840
East Ryegate, C. P. Ry	Caledonia	471
East Shoreham	Addison	269
East Swanton	Franklin	168
East Thetford, B. & M. R. R.	Orange	407
East Wallingford, Rutland R. R.	Rutland	1, 235
Echo Lake, water surface	Windsor	1, 062
Echo Pond, water surface	Orleans	1, 249
Egg Mountain	Bennington	2, 510
Elbow Mountain	do	2, 587
Ellis Δ, Hersey Hill	Washington	2, 000
Elmore Mountain, Elmore Δ	Lamoille	2, 608
Eolus Mountain	Bennington	3, 148
Ephraim Δ, Mount Ephraim	Windsor	1, 490
Equinox Mountain, Equinox Δ	Bennington	3, 816
Essex Center, C. V. Ry	Chittenden	486
Essex Junction, C. V. Ry	do	343
Evarts, C. V. Ry	Windsor	381
Fairfield Pond, water surface	Franklin	550
Fairmont, M. & W. R. R. R.	Washington	759
Fan Hill	Rutland	1, 731
Farmingdale	Addison	383
Fern Lake, water surface	do	571
Ferrisburg	do	166

Supplemental elevations in Vermont—Continued

Location	County	Elevation (feet)
Flagg Pond, water surface	Caledonia	1,592
Flat Rock	Rutland	1,235
Fletcher, St. J. & L. C. R. R.	Franklin	436
Forbes Hill, Forbes Δ	Rutland	540
Fox Cobble	do	1,611
Franklin Δ, Gates Hill	Franklin	861
Freestone Hill	Windsor	2,140
French Mountain	Essex	1,880
Gassetts, Rutland R. R.	Windsor	733
Gates Hill, Franklin Δ	Franklin	861
Gaysville Δ, Delectable Mountain	Windsor	2,053
George Mountain	Chittenden	1,500
Georgia, C. V. Ry	Franklin	362
Giddings Hill	do	1,300
Gile Mountain	Windsor	1,917
Gillespie Mountain	Addison	2,928
Gilman, M. C. R. R.	Essex	876
Gilman Hill	Orange	2,065
Ginseng Hill	Windham	1,556
Glastenbury Mountain	Bennington	3,764
Glebe Mountain	Windham	2,944
Glen Lake, water surface	Rutland	480
Goodwin Mountain	Orleans	2,935
Gore Mountain	Essex	3,330
Goshen Mountain, Goshen Δ	Addison	3,266
Gove Hill	Orange	1,362
Government Hill, Landon Δ (U. S. C. & G. S.)	Rutland	1,075
Governors Mountain	Windham	1,823
Granby Mountain	Caledonia	2,393
Grand Isle, Rutland R. R.	Grand Isle	204
Granite Hill	Rutland	2,007
Grannyhand Hill	Orange	1,710
Grant Pond, water surface	Windham	2,225
Green Hill	Rutland	1,213
Green Mountain	do	2,509
Green Peak	Bennington	3,185
Griggs Mountain	Windsor	1,805
Groton, M. & W. R. R. R.	Caledonia	811
Grout, B. & M. R. R.	Windham	251
Grout Pond, water surface	do	2,225
Guildhall, M. C. R. R.	Essex	877
Hagar Hill	Bennington	2,800
Halfmoon Pond, water surface	Rutland	586
Hammond Hill	do	1,721
Hardscrabble Mountain	Caledonia	2,225
Hardwick, St. J. & L. C. R. R.	do	866
Hardwick Lake, water surface	do	797
Hardwood Pond, water surface	Lamoille	1,562
Harmony Hill	Bennington	2,325
Harriman Hill, Search Me Δ (G. S. of C.)	Essex	2,140
Harriman Hill, summit	do	2,220
Harrington Hill	Rutland	2,318
Hartford, C. V. Ry	Windsor	382
Hartland, C. V. Ry	do	416
Haverhill, B. & M. R. R.	Orange	406
Hawks Mountain, Hawks Δ	Windsor	2,089
Haystack Mountain (Lowell township)	Orleans	3,223
Haystack Mountain (Westmore township)	do	2,712
Haystack Mountain	Rutland	1,919

Supplemental elevations in Vermont—Continued

Location	County	Elevation (feet)
Haystack Mountain, Haystack Δ (U. S. C. & G. S.).	Windham	3, 462
Healdville, Rutland R. R.	Rutland	1, 431
Hedgehog Hill	do	2, 295
Hedgehog Hill	Windham	1, 160
Hedgehog Mountain	Orleans	2, 195
Hemingway Hill	Addison	659
Herrick Mountain, Herrick Δ (U. S. C. & G. S.).	Rutland	2, 727
Hersey Hill, Ellis Δ	Washington	2, 000
High Knob	Addison	1, 420
High Peak	Orange	1, 703
High Pond, water surface	Rutland	1, 028
Highgate, St. J. & L. C. R. R.	Franklin	318
Highgo Hill	Rutland	1, 318
Higley Hill	Windham	2, 301
Hillsboro Mountain	Addison	2, 560
Hinesburg Pond, water surface	Chittenden	684
Hinkum Pond, water surface	Rutland	717
Hoag Mountain	do	2, 240
Hobart Mountain	Washington	1, 960
Hogback Mountain (Bristol township)	Addison	1, 850
Hogback Mountain (Goshen township)	do	2, 290
Hogback Mountain	Lamoille	3, 440
Hogback Mountain	Windham	2, 347
Holland Pond, water surface	Orleans	1, 430
Holland Δ , Mount John	do	2, 337
Holt Hill	Orange	1, 775
Hooker Hill	Rutland	895
Horton Pond (Hubbardton township), water surface.	do	488
Horton Pond (Sudbury township), water surface.	do	484
Houghton Hill	Orange	1, 481
Howard Hill	Rutland	661
Hubbard Hill	Orange	1, 082
Huckleberry Hill	Chittenden	1, 640
Huff Pond, water surface	Rutland	772
Hunger Δ , Mount Hunger	Washington	3, 554
Hurricane Hill	Windsor	1, 220
Hyde Manor	Rutland	823
Hyde Park, St. J. & L. C. R. R.	Lamoille	588
Hydeville	Rutland	406
Ide Mountain	Caledonia	2, 633
Indian Hill	Rutland	1, 007
Isle La Motte, Rutland R. R.	Grand Isle	119
Jamaica, C. V. Ry.	Windham	676
Jay Peak	Orleans	3, 861
Jilson Hill	Windham	2, 251
Jockey Hill	Rutland	2, 671
Johnson, St. J. & L. C. R. R.	Lamoille	543
Johnson Pond, water surface	Addison	445
Jones Mountain, Jones Mountain Δ reference mark.	Windsor	2, 096
Kent Hill	do	1, 685
Kents Ledge	do	1, 500
Keyes Mountain	do	2, 124
Kibling Hill	Orange	1, 924
Killington Peak, Killington Δ	Rutland	4, 241

Supplemental elevations in Vermont—Continued.

Location	County	Elevation (feet)
Kimball, C. P. Ry.....	Orleans.....	1, 154
Kirby Peak.....	Addison.....	3, 120
Lake Abenaki, water surface.....	Orange.....	840
Lake Amherst, water surface.....	Windsor.....	1, 066
Lake Dunmore, water surface.....	Addison.....	571
Lake Eden, water surface.....	Lamoille.....	1, 239
Lake Mansfield, water surface.....	do.....	1, 140
Lake Memphremagog, water surface.....	Orleans.....	682
Lakeside, M. & W. R. R. R.....	Caledonia.....	1, 133
Lakewood, C. V. Ry.....	Franklin.....	108
Lakota Lake, water surface.....	Windsor.....	1, 885
Landon Δ, Government Hill (U. S. C. & G. S.).	Rutland.....	1, 075
Lanesboro, M. & W. R. R. R.....	Washington.....	1, 379
Laraway Mountain.....	Lamoille.....	2, 800
Leach Hill, Leach Δ.....	Franklin.....	1, 508
Leech Hill.....	do.....	1, 385
Leland Hill.....	Orleans.....	1, 800
Lewis Mountain.....	Essex.....	2, 575
Lincoln Peak.....	Washington.....	4, 013
Little Ascutney Mountain.....	Windsor.....	1, 720
Little Jay.....	Franklin.....	3, 202
Little Killington.....	Rutland.....	3, 951
Little Pico.....	do.....	3, 134
Little Pico Mountain.....	Windsor.....	2, 215
Little Pinnacle.....	Franklin.....	840
Little Pond, water surface.....	Bennington.....	2, 390
Little Pond (Benson township) water surface.	Rutland.....	502
Little Pond (Wells township) water surface.....	do.....	477
Little Potash Mountain.....	Essex.....	1, 800
Little Wilcox Peak.....	Rutland.....	2, 729
Loarmouth Δ, Diamond Hill.....	Caledonia.....	1, 648
Long Meadow Hill.....	Washington.....	2, 020
Long Pond, water surface.....	Caledonia.....	1, 682
Long Pond, water surface.....	Lamoille.....	1, 137
Long Pond, water surface.....	Orleans.....	1, 835
Lookoff Mountain.....	Rutland.....	2, 600
Lowell.....	Orleans.....	2, 402
Lowell Lake, water surface.....	Windham.....	1, 290
Ludlow, Rutland R. R.....	Windsor.....	1, 065
Ludlow Mountain.....	Rutland.....	3, 372
Lunenburg, M. C. R. R.....	Essex.....	847
McConnell Pond, water surface.....	do.....	1, 274
McIndoe Falls, C. P. Ry.....	Caledonia.....	487
McMaster Hill.....	Orange.....	1, 960
Maidstone, M. C. R. R.....	Essex.....	867
Manchester, Rutland R. R.....	Bennington.....	698
Mansfield Δ, Mount Mansfield (highest point thus far determined).	Chittenden.....	4, 393
Maple Hill.....	Bennington.....	1, 706
Maquam, St. J. & L. C. R. R.....	Franklin.....	118
Markham.....	Windsor.....	2, 489
Marshfield, M. & W. R. R. R.....	Washington.....	1, 179
Masters Mountain.....	Bennington.....	2, 410
May Pond Mountain, Paquette Δ.....	Orleans.....	2, 100
Mechanicsville.....	Rutland.....	436
Meetinghouse Hill.....	Windsor.....	1, 201
Mendon Peak.....	Rutland.....	3, 837
Merrill Hill.....	Orange.....	1, 764
Metcalf Pond, water surface.....	Franklin.....	729

Supplemental elevations in Vermont—Continued

Location	County	Elevation (feet)
Middle Mountain	Essex	2, 910
Middle Mountain	Rutland	1, 965
Middlebury, Rutland R. R.	Addison	357
Middletown Springs	Rutland	887
Miles Hill	Orleans	2, 157
Miles Pond, M. C. R. R.	Essex	1, 030
Milton, C. V. Ry	Chittenden	354
Milton Δ , Arrowhead Mountain	do	947
Minards Pond, water surface	Windham	614
Minister Hill	Bennington	2, 117
Minster Hill	Franklin	800
Missisquoi, C. P. Ry	do	502
Mitchell Mountain	Essex	2, 420
Moffitt Mountain	Bennington	2, 278
Mollie Stark Mountain	Chittenden	2, 960
Monadnock Δ , Monadnock Mountain	Essex	3, 140
Monastery Mountain	Addison	3, 222
Monkton	do	533
Monkton Pond, water surface	do	491
Montague Hill	Windsor	2, 500
Montpelier, M. & W. R. R. R.	Washington	527
Moody Δ	Addison	1, 780
Moosehorn Mountain	Rutland	1, 845
Morgan Δ	Orleans	1, 632
Morgan Mountain	Rutland	1, 640
Morgan Peak	Windsor	2, 600
Morrill	Orange	1, 702
Morrisville, St. J. & L. C. R. R.	Lamoille	651
Mosley Hill	Windsor	1, 269
Mother Myrick Mountain	Bennington	3, 290
Mount Abraham, ¹ Potato Hill Δ	Addison	4, 052
Mount Anthony	Bennington	2, 345
Mount Carmel	Rutland	3, 341
Mount Clark	Chittenden	3, 160
Mount Cleveland	Addison	3, 500
Mount Cushman	Windsor	2, 791
Mount Ellen	Washington	4, 135
Mount Ephraim, Ephraim Δ	Windsor	1, 490
Mount Ethan Allen	Washington	3, 688
Mount Grant	Addison	3, 661
Mount Holly	Rutland	2, 047
Mount Holly, Rutland R. R.	do	1, 363
Mount Hunger	Windsor	2, 380
Mount Hunger, Hunger Δ	Washington	3, 554
Mount Independence	Addison	305
Mount Ira Allen	Washington	3, 506
Mount John, Holland Δ	Orleans	2, 337
Mount Mansfield, Mansfield Δ (highest point thus far determined).	Chittenden	4, 393
Mount Moosalamoo	Addison	2, 659
Mount Nickwaket	Rutland	2, 720
Mount Olympus	Windsor	2, 480
Mount Philo, Philo Δ	Chittenden	968
Mount Pisgah	Orleans	2, 751
Mount Pleasant	Addison	920
Mount Pleasant	Windsor	2, 180
Mount Pleasant, Mount Pleasant Δ	Orange	2, 048
Mount Pritchard	Chittenden	1, 100
Mount Roosevelt	Addison	3, 580
Mount Tabor	Bennington	3, 584
Mount Tom (Plymouth township)	Windsor	2, 040

¹ Also known as Potato Hill.

Supplemental elevations in Vermont—Continued

Location	County	Elevation (feet)
Mount Tom (Woodstock township)-----	Windsor-----	1, 340
Mount Wilson-----	Worcester-----	3, 756
Mount Worcester, Worcester Δ-----	Washington-----	3, 286
Mud Pond, water surface-----	Addison-----	585
Mutton Hill-----	do-----	570
Nancy Hanks Peak-----	Washington-----	3, 860
Neal Pond, water surface-----	Essex-----	1, 200
Netop Mountain-----	Bennington-----	3, 020
New Haven Junction, Rutland R. R-----	Addison-----	278
Newbury, B. & M. R. R-----	Orange-----	420
Newfane, C. V. Ry-----	Windham-----	558
Newfane Hill-----	do-----	1, 630
Norris Mountain-----	Caledonia-----	2, 292
North Bennington, Rutland R. R-----	Bennington-----	664
North Clarendon, Rutland R. R-----	Rutland-----	676
North Concord, M. C. R. R-----	Essex-----	1, 077
North Dorset, Rutland R. R-----	Bennington-----	704
North Ferrisburg, Rutland R. R-----	Addison-----	127
North Hero, Rutland R. R-----	Grand Isle-----	107
North Hill-----	Lamoille-----	1, 660
North Jay Peak-----	Orleans-----	3, 400
North Notch Mountain-----	Essex-----	2, 172
North Pawlet-----	Rutland-----	603
North Pond, water surface-----	do-----	2, 450
North Pownal, B. & M. R. R-----	Bennington-----	520
North Rupert-----	do-----	745
North Troy, C. P. Ry-----	Orleans-----	604
North Underhill, C. V. Ry-----	Chittenden-----	723
Northeast Mountain, Northeast Δ (U. S. C. & G. S.).-----	Rutland-----	2, 125
Northfield, C. V. Ry-----	Washington-----	732
Norton Pond, water surface-----	do-----	1, 335
Nulhegan Pond, water surface-----	Essex-----	1, 158
Nurse Mountain-----	do-----	2, 308
Old Buffalo-----	Orange-----	1, 669
Old Hurricane Hill, East Randolph Δ-----	do-----	1, 910
Old Knob-----	Rutland-----	1, 150
Orcutt Hill-----	do-----	1, 968
Orleans, C. P. Ry-----	Orleans-----	738
Orwell-----	Addison-----	385
Owls Head-----	Bennington-----	2, 535
Owls Head-----	Chittenden-----	1, 160
Paddock Hill-----	Orleans-----	2, 235
Paine Mountain, Paine Δ-----	Washington-----	2, 405
Palisades, The-----	Orange-----	880
Paquette Δ, May Pond Mountain-----	Orleans-----	2, 100
Parker Hill-----	Rutland-----	575
Parker Road, water surface-----	Orleans-----	1, 299
Patch Hill-----	Caledonia-----	2, 069
Patch Pond, water surface-----	Rutland-----	1, 750
Pattern, The, Pawlet Δ-----	do-----	1, 860
Patterson Mountain-----	Orange-----	2, 321
Pawlet, D. & H. R. R-----	Rutland-----	535
Pawlet Δ, The Pattern-----	do-----	1, 860
Peabody Hill-----	Windsor-----	2, 787
Peaked Mountain-----	Franklin-----	1, 931
Pease Mountain-----	Chittenden-----	745
Pensioner Pond, water surface-----	Orleans-----	1, 141
Philadelphia Peak-----	Windsor-----	3, 168
Philo Δ, Mount Philo-----	Chittenden-----	968

Supplemental elevations in Vermont—Continued

Location	County	Elevation (feet)
Pico Peak	Rutland	3, 967
Piermont, B. & M. R. R.	Orange	430
Pierson Peak	Windsor	1, 660
Pikes Peak	do	1, 360
Pine Hill	Addison	1, 440
Pine Hill	Rutland	1, 445
Pinnacle	Addison	655
Pinnacle	Windsor	2, 500
Pinnacle, The	Rutland	1, 940
Pittsford, Rutland R. R.	do	366
Plainfield, M. & W. R. R. R.	Washington	791
Plymouth	Windsor	1, 420
Plymouth Pond, water surface	do	1, 395
Pompanoosuc, B. & M. R. R.	do	392
Pond Hill	Rutland	1, 150
Pond Mountain	do	1, 518
Potash Mountain	Essex	2, 035
Potato Hill Δ , Mount Abraham (U. S. C. & G. S.)	Addison	4, 052
Poultney, D. & H. R. R.	Rutland	430
Pownal, B. & M. R. R.	Bennington	552
Proctor, Rutland R. R.	Rutland	472
Proctor Hill	do	2, 264
Proctorsville, Rutland R. R.	Windsor	928
Prospect Hill	Windham	1, 174
Prospect Mountain	Bennington	2, 750
Pudding Hill	Windsor	1, 260
Pulpit Mountain	Windham	1, 249
Pumpkin Hill, St. J. & L. C. R. R.	Caledonia	998
Purchase Mountain	Rutland	2, 544
Putney, B. & M. R. R.	Windham	251
Putney Mountain, Putney Δ	do	1, 680
Quarry Hill	Windsor	1, 401
Quimby Mountain	do	1, 699
Ragged Hill	do	2, 080
Randolph, C. V. Ry.	Orange	694
Rattlesnake Mountain	Addison	2, 659
Raymond Hill	Windsor	2, 080
Readsboro, H. T. & W. R. R.	Bennington	1, 203
Red Mountain	do	2, 869
Rescue Lake, water surface	Windsor	1, 044
Revoir Hill, Revoir Δ	Orleans	1, 132
Rice Hill	Windham	2, 947
Richardson Hill	Orange	1, 715
Richmond, C. V. Ry.	Chittenden	325
Richmond Hill	Windsor	2, 120
Ricker Mountain	Washington	3, 401
Ritterbush Pond, water surface	Lamoille	1, 041
Roach Pond, water surface	Rutland	537
Robinson Hill	do	2, 779
Rochester Mountain, Rochester Δ	Windsor	2, 952
Rock Hill	Rutland	1, 506
Rockingham, Rutland R. R.	Windham	356
Rockville	Addison	535
Round Hill	Orleans	1, 340
Round Mountain (Averys Gore township)	Essex	2, 940
Round Mountain (Guildhall township)	do	2, 223
Round Mountain (Brattleboro township)	Windham	1, 508
Round Mountain (Grafton township)	do	2, 280
Round Top Mountain	Chittenden	3, 371

Supplemental elevations in Vermont—Continued

Location	County	Elevation (feet)
Roxbury, C. V. Ry	Washington	1, 009
Royalton Δ, Russ Hill	Windsor	1, 475
Rupert, D. & H. R. R.	Bennington	798
Rupert Mountain, Rupert Δ	do	1, 860
Russ Hill, Royalton Δ	Windsor	1, 475
Rutland, Rutland R. R.	Rutland	557
Ryegate, B. & M. R. R.	Caledonia	466.
Sable Mountain	Essex	2, 725
Sable Mountain	Windsor	2, 700
St. Albans, C. V. Ry	Franklin	383
St. Albans Hill	do	910
St. Catherine Lake, water surface	Rutland	477
St. Catherine Mountain	do	1, 227
St. Johnsbury, C. P. Ry	Caledonia	575
St. Johnsbury East, M. C. R. R.	do	799
Salem Hill	Orleans	1, 540
Salem Pond, water surface	do	963
Salisbury, Rutland R. R.	Addison	355
Salt Ash Mountain	Windsor	3, 278
Sargent Hill	Rutland	1, 279
Saxon Hill	Chittenden	920
Scrag Mountain	Washington	2, 925
Search Me Δ, Harriman Hill	Essex	2, 140
Seaver Hill	Windsor	1, 960
Shadow Lake, water surface	Orleans	1, 396
Shaftsbury, Rutland R. R.	Bennington	885
Shaker Mountain	Addison	1, 920
Sharon, C. V. Ry	Windsor	503
Shatterack Mountain	Bennington	2, 376
Shatterack Mountain	Windham	1, 940
Shaw Mountain	Rutland	664
Shelburne, Rutland R. R.	Chittenden	153
Shelburne Pond, water surface	do	329
Sheldon Δ (G. S. of C.)	Franklin	602
Sheldon Junction, St. J. & L. C. R. R.	do	358
Shoreham, Rutland R. R.	Addison	273
Shrewsbury Peak	Rutland	3, 737
Shrewsbury Pond, water surface	do	1, 457
Signal Hill, Stowell Δ	Windham	1, 240
Silver Lake, water surface	Addison	1, 241
Silver Lake, water surface	Windsor	1, 305
Sisson Hill	Addison	517
Smith Peak	Rutland	3, 226
Snake Mountain	Addison	1, 271
Soltudus Mountain	Windsor	2, 160
South Hero, Rutland R. R.	Grand Isle	103
South Londonderry, C. V. Ry	Windham	998
South Mountain	Addison	2, 307
South Newbury, B. & M. R. R.	Orange	407
South Pond, water surface	Lamoille	1, 196
South Ryegate, M. & W. R. R. R.	Caledonia	739
South Shaftsbury, Rutland R. R.	Bennington	723
South Vernon Junction, B. & M. R. R.	Windham	275
South Wallingford, Rutland R. R.	Rutland	626
Southgate Mountain	Windsor	1, 720
Spoon Mountain	Rutland	2, 030
Spring Hill	Windham	1, 820
Spruce Knob	Rutland	2, 220
Spruce Peak	Bennington	3, 060
Spruce Top Mountain	Rutland	1, 378
Stacey Mountain	Windham	1, 935
Stannard Mountain	Caledonia	2, 572

Supplemental elevations in Vermont—Continued

Location	County	Elevation (feet)
Stark Mountain	Washington	3, 585
Steadman Hill	Windsor	2, 308
Stewart Hill, Stewart Δ	Chittenden	1, 564
Stiles Mountain	Rutland	1, 220
Stone Hill	Windsor	1, 680
Stone Mountain, Stone Δ	Essex	2, 753
Stoneham Mountain	do	2, 144
Stowe Pinnacle	Lamoille	2, 740
Stowell Δ, Signal Hill	Windham	1, 240
Stratton Mountain	do	3, 859
Stratton Pond, water surface	do	2, 470
Styles Peak, Styles Δ (U. S. C. & G. S.)	Bennington	3, 404
Sugar Hill	Addison	2, 091
Sugar Hill	Orleans	1, 545
Sugar Loaf Mountain	Chittenden	2, 979
Sugarloaf	Windham	1, 960
Sugarloaf Mountain	Orleans	2, 543
Sukes Pond, water surface	Essex	1, 521
Summit, C. P. Ry	Caledonia	1, 228
Summit, Rutland R. R.	Rutland	1, 518
Sunderland, Rutland R. R.	Bennington	653
Sunset Hill	Addison	925
Sunset Lake, water surface	Rutland	503
Sutton, C. P. Ry	Caledonia	1, 058
Swanton, C. V. Ry	Franklin	136
Swanton Junction, C. V. Ry	do	154
Tadmer Hill	Rutland	1, 568
Terrible Mountain	Windsor	2, 844
Texas Hill	Chittenden	1, 600
Thistle Hill	Windsor	2, 000
Thousand Acre Hill	Rutland	2, 400
Tillotson Peak	Orleans	3, 040
Tinmouth	Rutland	1, 263
Tinmouth Mountain	do	2, 847
Town Hill (Pawlet township)	do	1, 319
Town Hill (Poultney township)	do	1, 100
Townshend, C. V. Ry	Windham	516
Tug Mountain	Orange	1, 893
Turkey Mountain	Windham	2, 180
Umbrella Hill	Lamoille	1, 683
Underhill, C. V. Ry	Chittenden	710
Vergennes, Rutland R. R.	Addison	203
Walden, St. J. & L. C. R. R.	Caledonia	1, 668
Wallace Pond, water surface	Essex	1, 298
Wallingford, Rutland R. R.	Rutland	577
Wallingford Pond, water surface	do	2, 157
Walnut Hill	do	1, 546
Wardsboro, C. V. Ry	Windham	497
Waterbury, C. V. Ry	Washington	428
Wells	Rutland	502
Wells River, B. & M. R. R.	Orange	437
West Alburg, C. V. Ry	Grand Isle	106
West Burke, C. P. Ry	Caledonia	930
West Danville, St. J. & L. C. R. R.	do	1, 508
West Dummerston, C. V. Ry	Windham	301
West Halifax	do	1, 180
West Hartford, C. V. Ry	Windsor	420
West Mountain	Bennington	2, 420
West Mountain, West Δ	Essex	2, 710

Supplemental elevations in Vermont—Continued

Location	County	Elevation (feet)
West Rutland, D. & H. R. R.	Rutland.....	491
West Salisbury.....	Addison.....	420
West Townshend, C. V. Ry.....	Windham.....	467
Westminster, B. & M. R. R.	do.....	261
Wheeler Mountain.....	Caledonia.....	2, 371
Wheelock Mountain, Wheelock Δ	do.....	2, 783
Whetstone Hill.....	Windsor.....	1, 994
Whitcomb Hill.....	Orange.....	1, 859
White Face Mountain.....	Lamoille.....	3, 715
White River Junction, B. & M. R. R.	Windsor.....	361
White Rock.....	Rutland.....	2, 662
White Rocks Mountain.....	Addison.....	3, 307
Whites Hill Δ (U. S. C. & G. S.).....	Windham.....	2, 702
Whiting.....	Addison.....	391
Wickopee Hill.....	Windham.....	1, 656
Wilcox Hill.....	Rutland.....	2, 072
Wilcox Peak.....	do.....	2, 921
Williamsville, C. V. Ry.....	Windham.....	336
Williston, C. V. Ry.....	Chittenden.....	308
Windsor, B. & M. R. R.	Windsor.....	321
Winhall, C. V. Ry.....	Bennington.....	944
Winooski, C. V. Ry.....	Chittenden.....	187
Wintergreen Mountain.....	Franklin.....	1, 500
Wolcott, St. J. & L. C. R. R.	Lamoille.....	699
Wood Peak.....	Windsor.....	2, 150
Woodbury Hill.....	do.....	1, 400
Woodlawn Mountain.....	Rutland.....	3, 072
Woodward Mountain.....	Chittenden.....	3, 140
Worcester Δ , Mount Worcester.....	Washington.....	3, 286
Wormwood Hill.....	Orange.....	1, 588
Yantz Hill, Yantz Δ	Chittenden.....	1, 060
Zion Hill.....	Rutland.....	1, 229

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