

THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

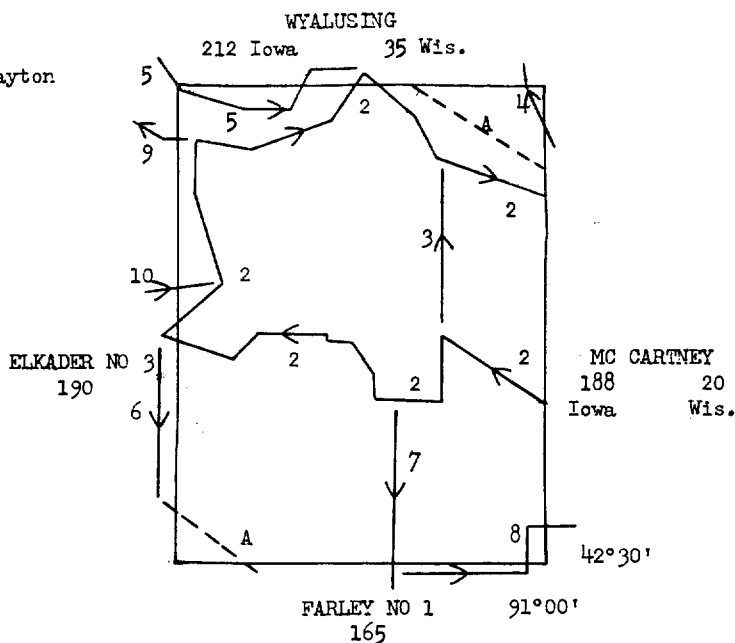
TURKEY RIVER QUADRANGLE
21 - WISCONSIN
189 - IOWA
N4230-W9100/15
DIAGRAM NK 15-6
DUBUQUE, ILL.
IOWA WISC.

Delaware, Dubuque and Clayton
Counties, Iowa

Grant County, Wisconsin

Edition of 12/22/64

PR: ADP:vdc



USC&GS LEVELING
A. No. 420911

LINE 1

ISOLATED BENCH MARKS (Bulletin 569) Reliability of Elevations doubtful due to age of work.

Greeley, sec. 20, T. 90 N., R. 4 W., iron post stamped "1142 DBQ"	1143.2
T. 90 N., R. 3 W., quartr cor. E. side of sec. 28, SE. cor. of schoolhouse yard; iron post stamped "1090 DBQ" (destroyed)	1090.6
Millville, NW. cor. sec. 15, T. 91 N., R. 2 W., iron post stamped "638"	638.8
T. 91 N., R. 3 W., near center sec. 13, 100 ft E. of junction of rds.; iron post stamped "897"	897.7

LINE 2

WEST, NORTH THENCE EAST FROM NEAR CENTER OF EAST BORDER (J.D. Finch, 1953; CV 594)

TURKEY RIVER QUAD. - 21 & 189

UE 28 BB, on concrete base of pole at entrance to Holy Cross Church, 36 ft W. of center of rd. and at same elev. chiseled square	1219.13
Holy Cross, 0.5 mi N. and 0.5 mi W. of; T. 90 N., R. 1 W., near center sec. 18, 520 ft W. of T-rd. N.; 35 ft S. of center of rd., 3 ft E. of telephone pole; 2 ft N. of S. right-of-way fence; set in concrete flush with ground; standard tablet stamped "35 JDF 1953 1138" (destroyed 6/20/61 GHC)	1138.210
UE 35 A, 3 ft NW., 10 ft SW. of center of concrete bridge over small creek; in S. curbing; chiseled square	1085.53
Luxemburg, 1.5 mi N. and 1.5 mi E. of; T. 90 N., R. 2 W., in NE ¹ sec. 11, 543 ft W. of T-rd. N.; 25 ft N. of center of rd., 2 ft S. of power pole; 2 ft S. of N. right-of-way fence; set in concrete 2 in. above ground; standard tablet stamped "36 JDF 1953 1171"	1170.660

189B

<u>LINE 2 (Cont'd)</u>	<u>TURKEY RIVER QUAD. - 21 & 189</u>	<u>Feet</u>
UE 39 B, 26 ft S., 11 ft E. and 0.5 ft higher than center of rd. at T-rd. S.; and private drive N., on top of E. end of pipe culvert; painted square		1103.0
UE 39 C, 9 ft W. and 0.1 ft lower than center of rd. at drain, in center of W. end of wooden box culvert; copper nail and washer		1053.21
Colesburg, 2.5 mi E. of; T. 90 N., R. 3 W., in SE ¹ sec. 2, 100 ft SW. along rd. from Y-rd. S.; 33 ft SE. of center of rd., 2 ft S. of S. right-of-way fence, set in concrete flush with ground; standard tablet stamped "40 JDF 1953 835" (destroyed C.W.L. 9/56)		834.971
Reference mark, 93 ft NE. of tablet; punched hole in SW. end of metal culvert		823.08
UE 40 A, 10 ft S. and 3.9 ft lower than center of rd. at drain; in S. end of pipe culvert; punched hole		1062.28
UE 40 B, 18 ft S., 28 ft E. and 0.4 ft lower than center of rd. at T-rd. S.; on top of S. end of pipe culvert; painted square		1074.3
UE 40 C, 7 ft S., 3 ft W. and 1 ft higher than center of small wooden bridge over drain, on top of bolt on lower railing at center of bridge		1063.61
UE 40 D, in sidewalk at the SE. corner of post office at Colesburg; chiseled square		1155.56
Colesburg, at S. edge of, T. 90 N., R. 3 W., near center sec. 4, 590 ft N. of intersection of State Hwy. 3 and Co. Hwy. "G", 21 ft W. of center of Co. Hwy. "G" 3 ft W. of telephone pole; set in concrete flush with ground; standard tablet stamped "41 JDF 1953 1157"		1156.981
Reference mark, 180 ft S. of tablet; in power pole on E. side of rd.; rail spike		1156.04
UE 41 A, 350 ft N., 14 ft E. and 6.2 ft lower than center of State Hwy. 3 at Y-rd. SW.; on S. curbing of E. spillway; chiseled square		1121.28
Colesburg, 1.0 mi S. and 0.5 mi W. of; T. 90 N., R. 3 W., near quarter cor. between secs. 8 and 9, 840 ft W. of T-rd. W.; 24 ft N. of center of rd., 2 ft E. of telephone pole, 2 ft S. of N. right-of-way fence, set in concrete flush with ground; standard tablet stamped "42 JDF 1953 1140" (not found J.R.E. 9/64)		1140.460
Reference mark, 350 ft W. of tablet; on top of N. end of pipe culvert; painted square		1129.3
UE 42 A, 21 ft S., 9 ft E. and 3.9 ft lower than center of rd. at T-rd. S.; on top of E. end of pipe culvert; painted square		1128.15
UE 42 B, 21 ft S., 17 ft E. and 1.3 ft lower than center of rd. at T-rd. N.; in power pole; rail spike		1107.79
UE 42 C, 15 ft N., 8 ft W. and 1.7 ft lower than center of rd. at private drive N. to R. Lincoln farm, on top of W. end of pipe culvert; painted square		1036.0
<u>ELKADER NO 3 QUAD. - 190</u>		
Colesburg, 1.0 mi S. and 2.5 mi W. of; T. 90 N., Rs. 3 and 4 W., near quarter cor. between secs. 7 and 12; 250 ft N. of T-rd. E.; 24 ft E. of center of rd., 1 ft W. of fence E.; 1 ft W. of E. right-of-way fence, set in concrete post; flush with ground; standard tablet stamped "43 JDF 1953 1076"		1076.077
Reference mark, 830 ft N. of tablet; in headwall of E. end of concrete culvert; 8.2 ft lower than center of rd.; chiseled square		1015.17
<u>TURKEY RIVER QUAD. - 21 & 189</u>		
UE 43 A, 3 ft W. of SE. cor. of concrete wall around yard of F. Hartke; chiseled square		1119.45
UE 43 B, center of State Hwy. 3 and gravel rd. N.-S.; painted square		1098.6

<u>LINE 2 (Cont'd)</u>	<u>TURKEY RIVER QUAD. - 21</u>	<u>Feet</u>
Reference mark, 210 ft E. of tablet; on top of E. concrete gate post on S. side of rd., chiseled square		905.51
UE 44 AA, 18 ft N., 9 ft W. and 1.8 ft lower than center of rd. at private drive N., on top of W. end of pipe culvert; painted square		902.0
UE 44 BB, 15 ft N., 34 ft W. and 0.7 ft higher than center of rd. at private entrance N. to R. Moser, in 36-in. elm tree; copper nail and washer		757.27
UE 44 CC, 10 ft N. and 0.1 ft lower than center of rd. at drain, on top of N. end of pipe culvert; painted square		676.5
UE 44 DD, 10 ft S., 40 ft E. and 0.3 ft higher than center of rd. at farm drive NW.; on top of S. end of pipe culvert; painted square		671.7
UE 44 E, 30 ft S., 18 ft W. and 0.8 ft higher than center of rd. at private drive W. to farm garage; on top of W. end of pipe culvert; painted square		641.5
Osterdock, at; in NW ¹ / ₄ sec. 1, T. 91 N., R. 3 W., 735 ft E. and 22 ft N. of T-rd. S.; 3 ft E. of "Osterdock Corporate Limits" sign, 32 ft N. of center of rd., 2 ft N. of N. right-of-way fence; in concrete post; standard tablet stamped "TT 42 T 1953"		639.656
Reference mark, 670 ft E. of tablet; in center of N. curbing of bridge over small creek; chiseled square		641.47
UE 42 A, 45 ft N., 10 ft E. and 0.4 ft higher than center of concrete bridge over creek; in curbing of NE. wingwall; chiseled square		646.98
UE 42 B, 15 ft S., 9 ft E. and 1.4 ft lower than center of rd. at private drive S., on top of E. end of pipe culvert; painted square		858.3
UE 42 C, 164 ft NE., 16 ft SE. and 5.4 ft lower than center of rd. at drive E.; on top of E. end of pipe culvert; painted square		930.8
	<u>WYALUSING QUAD. - 212</u>	
Guttenburg, 2.0 mi S. and 1.5 mi W. of; near center of sec. 30, T. 92 N., R. 2 W., 169 ft SE. along rd. from rd. fork; 166 ft S. of S. right-of-way fence, in concrete post; standard tablet stamped "TT 40 T 1953"		955.801
Reference mark, 290 ft E. of tablet; in telephone pole on N. side of rd.; rail spike		953.15
	<u>TURKEY RIVER QUAD. - 21 & 189</u>	
UE 40 A, 16 ft S., 6 ft E. and 1.5 ft lower than center of rd. at field entrance S.; on top of E. end of pipe culvert; painted square		940.4
UE 40 B, 5 ft N., 10 ft E. and 1.4 ft higher than SE. corner of cemetery; on SW. corner of old concrete foundation to school; chiseled square		952.83
UE 40 C, 88 ft SW. and 3.4 ft lower than center of rd. at private rd. SW., in 24-in. elderberry tree; rail spike		962.71
UE 40 D, at center of U.S. Hwy. 52 at gravel Y-rd. NW.; painted square		941.9
Guttenburg, 2.5 mi S. of, near cor. secs. 28, 29, 32 and 33; T. 92 N., R. 2 W., 210 ft SE. along U.S. Hwy. 52 from rd. fork, 52 ft NE. of center of U.S. Hwy. 52; 400 ft NW. of new steel (stressed plate) barn, in concrete; standard tablet stamped "TT 39 T 1953"		941.954 ⁸⁵⁴
Reference mark, 300 ft SE. of tablet; in S. curbing to spillway on E. side of rd., chiseled square		948.10
UE 39 A, 110 ft N., 13 ft E. and 0.4 ft lower than center of Hwy. at drain; on NE. curbing of spillway on E. side of rd.; chiseled square		933.47

<u>LINE 3 (Cont'd)</u>	<u>TURKEY RIVER QUAD. - 21</u>	<u>Feet</u>
UE P 4, 170 ft N. and 13 ft E. of Y-drive W., on top of concrete spillway about 21 ft lower than rd.; chiseled square		723.14
Millville, 0.75 mi S. of; 330 ft S. and 43 ft E. of rd. fork near cor. secs. 15, 16, 21 and 22; T. 91 N., R. 2 W., 9 ft W. of W. bank of sharp dry wash, 43 ft E. of U.S. Hwy. 52, 3 ft W. of tangent of hwy. S.; 2 ft S. of S. guard rail post E. of hwy., in concrete post; standard tablet stamped "TT 47 T 1953"		653.566
Reference mark, 250 ft N., on E. concrete bridge curbing; 9 ft S. and 12 ft E. of center of bridge and 0.6 ft above bridge floor; chiseled square		652.94
UE 46 A, 51 ft N. and 10 ft E. of center of bridge; on NE. corner of curb and about 0.6 ft above bridge floor; chiseled square		632.78
UE 46 B, 170 ft N. and 12 ft E. of center of bridge over Turkey River; on NE. end of bridge curbing; about 0.6 ft above bridge floor; chiseled square		628.95
Guttenburg, 4.5 mi S and 1.5 mi E. of; in NW $\frac{1}{4}$ sec. 10, T. 91 N., R. 2 W., 162 ft N. and 44 ft E. of T-rd. E.; 44 ft E. of center of U.S. Hwy. 52; in E. right-of-way fence, in concrete post; standard tablet stamped "TT 38 T 1953"		649.653

LINE 4

IN NORTHEAST CORNER OF QUAD. NORTH (J.D. Finch, 1953; CV 594)

MC CARTNEY QUAD. - 20

UE L 1, 0.31 mi NE. along State Hwy. 133 from bridge, opposite S. end of guard rails at curve NE., 14 ft E. of center of rd., top of metal pipe; painted square	697.3
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TURKEY RIVER QUAD. - 21

UE L 2, 500 ft S. along State Hwy. 131, and 18 ft E. from center of rd., at T-fence W.; in top of metal pipe; painted square	852.9
UE L 3, 9 ft S. and 21 ft E. and 2.2 ft lower than center of rd. at drive to farm E.; on top of metal pipe; painted square	891.6
UE L 4, 40 ft W. and 8.1 ft lower than center of rd. at drain; top of metal pipe; painted square	937.8

LINE 5

EAST ALONG WEST PORTION OF NORTH BORDER (J.H. Tyndale and G.H. Clarin, 1961; CV 1324)

ELKADER NO 2 QUAD. - 213

12.1 Reference mark, 100 ft NE. of tablet; along rd., 30 ft SE., 10 ft SW. and 1.9 ft lower than T-drive SE. to house; 1.5 ft corrugated steel culvert; punched hole;	939.77
12.1 Carnavillo, 7.5 mi S. and 0.25 mi W. of; near center of N $\frac{1}{2}$ sec. 30, T. 4 N., R. 3 W., 248 ft NE. along rd. from T-rd. SE.; 155 ft NE. along rd. from rd. NNW.; and 3.7 ft higher; 36 ft SE. (rt. angle) of center of rd., 1 ft SE. of SE. right-of-way fence; in concrete post; standard tablet stamped "24 T 1961 947"	946.748

TURKEY RIVER QUAD. - 189

13.0 UE, 18 ft S. of center of 1.5 ft corrugated steel culvert; and 4.4 ft lower; in NE $\frac{1}{4}$ sec. 31, T. 4 N., R. 3 W., in SE $\frac{1}{4}$ sec. 31, T. 92 N., R. 3 W., punched hole;	923.6
13.8 UE, 30 ft N., 10 ft W. and 0.7 ft higher than T-field rd. N.; in SE $\frac{1}{4}$ sec. 31, T. 92 N., R. 3 W., 1.5 ft corrugated steel drive culvert; punched hole	806.8

LINE 6

Feet

SOUTH ALONG SOUTH PORTION OF WEST BORDER LEVELED THREE TIMES (G.H. Clarin, 1961; CV 1328)

ELKADER NO 3 QUAD. - 190

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| 0.0 Colesburg, 1.0 mi S. and 2.5 mi W. of; T. 90 N., Rs. 3 and 4 W., near quarter cor. between secs. 7 and 12, 250 ft N. of T-rd. E.; 24 ft E. of center of rd., 1 ft W. of E. right-of-way fence; set in concrete post; flush with ground; standard tablet stamped "43 JDF 1953 1076" | 1076.077 |
| 1.0 UE 43 AA, 1.0 mi S. along rd. from tablet; T. 90 N., Rs. 3 and 4 W., near quarter cor. between secs. 13 and 18; 23 ft N., 30 ft E. and 1.2 ft higher than crossroads; in W. end of corrugated steel pipe culvert; a punched hole; | 1008.8 |
| 1.9 UE, 43 BB, 1.9 mi S. along rd. from tablet; T. 90 N., Rs. 3 and 4 W., near quarter cor. between secs. 19 and 24, 12 ft S., 16 ft E. and 3 ft lower than center of rd. at fence E.; in center of E. headwall of concrete culvert; chiseled square | 996.29 |
| 2.8 UE 43 CC, 2.8 mi S. along rd. fro tablet; T. 90 N., Rs. 3 and 4 W., near quarter cor. between secs. 25 and 30, 12 ft S., 36 ft E. and 0.2 ft higher than center of rd. at drive E.; in NW. side of 18-in. elm tree; a RR. spike; painted | 1098.65 |
| 3.9 Reference mark No. 1, 150 ft N. of tablet; 32 ft normal to and on W. side of rd.; in E. side of telephone pole; RR. spike | 1128.69 |
| 3.9 Petersburg, 0.7 mi N. and 2.0 mi W. of; T. 90 N., Rs. 3 and 4 W., near quarter cor. between secs. 31 and 36; 360 ft N. of crossroads; 21 ft N. and 32 ft W. of center of rd. at drive E.; in top of concrete post a standard tablet stamped "10 GHC 1961 1128" | 1128.210 |
| 4.0 Reference mark 2, 360 ft S. of tablet; 25 ft N., 70 ft W. and 3.1 ft lower than crossroads; in N. end of corrugated steel pipe culvert; a punched hole | 1119.94 |
| 5.1 UE 10 A, 1.1 mi S. along rd. from tablet; T. 89 N., R. 3 and 4 W., near quarter cor. between secs. 1 and 6; 12 ft S., 24 ft W. and 3.2 ft lower than center of rd. at drive W.; in S. end of corrugated steel pipe culvert; a punched hole | 1087.7 |
| 6.0 UE 10 B, 2.0 mi S. along rd. from tablet; T. 89 N., Rs. 3 and 4 W., near quarter cor. between secs. 7 and 12, 1 ft N., 26 ft W. and 1.1 ft lower than center of rd. at cross-fence; on N. end of a concrete culvert; a chiseled square; | 1014.60 |
| 6.8 UE 10 C, 2.5 mi S. and 0.3 mi W. of tablet; T. 89 N., R. 4 W., 0.2 mi E. of quarter cor. between secs. 12 and 13, 19 ft S., 42 ft W. and 0.8 ft lower than T-rd. S.; on S. end of concrete culvert; a chiseled square | 1018.49 |
| 7.8 UE 10 D, 3.5 mi S. and 0.3 mi W. of tablet; T. 89 N. R. 4 W., 0.2 mi E. of quarter cor. between secs. 13 and 24; 18 ft N., 42 ft W. and 2.6 ft lower than T-rd. N.; in N. end of corrugated steel pipe culvert; punched hole | 975.8 |
| 8.1 Petersburg, 3.0 mi S. and 2.0 mi W. from; T. 89 N., Rs. 3 and 4 W., near N. sixteenth cor. between secs. 19 and 24, 2000 ft E. of public rd. crossing; 35 ft W. of N.-S. fence; 12 ft N. of center of track; at a 5 x 6 ft stone cattle pass in the top of NE. corner of NW. stone wingwall; about 4 ft lower than track; a USC&GS standard disk stamped "H 73 1934" | 965.385 |

LINE 7

SOUTH THRU CENTER OF SOUTH PORTION OF QUAD. (G.H. Clarin, 1961; CV 1328)

TURKEY RIVER QUAD. - 189

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| 0.0 UE 38 A, 15 ft S., 70 ft W. and 0.2 ft lower than center of State Hwy. 3 at T-rd. S. in W. curbing of S. spillway; chiseled square | 1148.94 |
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LINE 8 (Cont'd)

FARLEY NO 1 QUAD. - 165

Feet

- 0.9 UE 12 C A, 0.9 mi E. along Co. rd. "C" from chiseled square; T. 89 N., R. 2 W., near cor. secs. 28, 29, 32 and 33; 37 ft S., 25 ft E. and 1.9 ft lower than T-rd. N.; in E. end of corrugated steel pipe culvert a punched hole 986.4
- 1.9 UE 12 C B, 1.9 mi E. along Co. rd. "C" from chiseled square; T. 89 N., R. 2 W., near cor. secs. 27, 28, 33 and 34; 26 ft S., 1 ft W. and 0.8 ft higher than center of rd. at cross-fence; in W. end of a corrugated steel pipe culvert; a punched hole; 1039.5
- 3.0 UE 12 C C, 0.8 mi N. and 2.2 mi E. of chiseled square; T. 89 N., R. 2 W., near center sec. 27, 25 ft S., 28 ft E. and 0.4 ft lower than center of Co. rd. "C" at T-rd. E.; on S. end of concrete culvert; a chiseled square; 1019.57
- 4.0 Reference mark, 775 ft W. of tablet; 20 ft normal to and on S. side of rd.; on E. end of S. headwall of concrete culvert; chiseled square 1020.75
- 4.0 Dyersville, 0.6 mi N. and 4.0 mi E. of; T. 89 N., R. 2 W., near center sec. 26, 34 ft N. and 33 ft E. of extended center of T-rd. S.; 3 ft NW. of a fence corner; in top of concrete post; standard tablet stamped "13 GHC 1961 1062" 1061.896
- 5.3 UE 13 A, 1.3 mi E. along rd. from tablet; T. 89 N., R. 2 W., near center sec. 25, 39 ft S., 25 ft W. and 0.7 ft lower than T-rd. W.; in NE. side of telephone pole; a RR. spike 1128.44

TURKEY RIVER QUAD. - 189

- 6.3 UE 13 B, 1.0 mi N. and 1.3 mi E. of tablet; T. 89 N., R. 2 W., 0.2 mi E. of center of sec. 24; 19 ft S., 42 ft W. and 1 ft lower than T-rd. S.; in SW. end of a corrugated steel pipe culvert; a punched hole 1100.6
- 7.6 UE 13 C, 1.0 mi N. and 2.5 mi E. of tablet; T. 89 N., R. 1 W., near quarter cor. between secs. 19 and 20, at junction of rd. with Co. rd. "G" 35 ft N., 32 ft E. and 3.8 ft lower than center of Co. rd. "G" and Yrd. NW.; in N. end of corrugated steel pipe culvert; a punched hole 1147.3

MC CARTNEY QUAD. - 188

- 8.5 Bankston, 1.0 mi S. and 0.75 mi W. of; T. 89 N., R. 1 W., near quarter cor. between secs. 20 and 21; 33 ft N. and 81 ft E. of center of T-rd. N.; 28 ft E. of power pole; in concrete post; flush with ground standard tablet stamped "25 JDF 1953 1152" 1152.004

LINE 9

WEST NEAR NORTHWEST CORNER OF QUAD. (W. E. Knouse, 1964; CV 1738)

TURKEY RIVER QUAD. - 189

- 6 44 0.0 "TT 46 T 1954" (described in Line 2) 888.398

ELKADER NO 3 QUAD. - 190

- 0.8 UE 46 T AA, in NE $\frac{1}{4}$ sec. 1, T. 91 N., R. 4 W., about 0.77 mi NW. from tablet; 30 ft SW. of center of gravel rd., 67 ft SE. of rd. at field entrance NE.; on NE. side of telephone pole; a RR. spike 856.31
- 46 1.5 UE 46 T BB, in SW $\frac{1}{4}$ sec. 36, T. 92 N., R. 4 W., about 170 ft NW. of junction of gravel rds., S. and SE.; 65 ft S. and 11 ft W. of center of bridge on SW. end of bridge; on concrete curb; chiseled square 664.62
- 47 1.8 Garber at; just E. of W $\frac{1}{4}$ cor. sec. 36, T. 92 N., R. 4 W., in NW. corner of city park, 40 ft S. and 18 ft W. of T-street N., 32 ft NE. of NE. corner of large metal bldg., 5 ft E. of power pole; on top of concrete post projecting 1-in.; standard tablet stamped "17 JRE 1964" 659.762