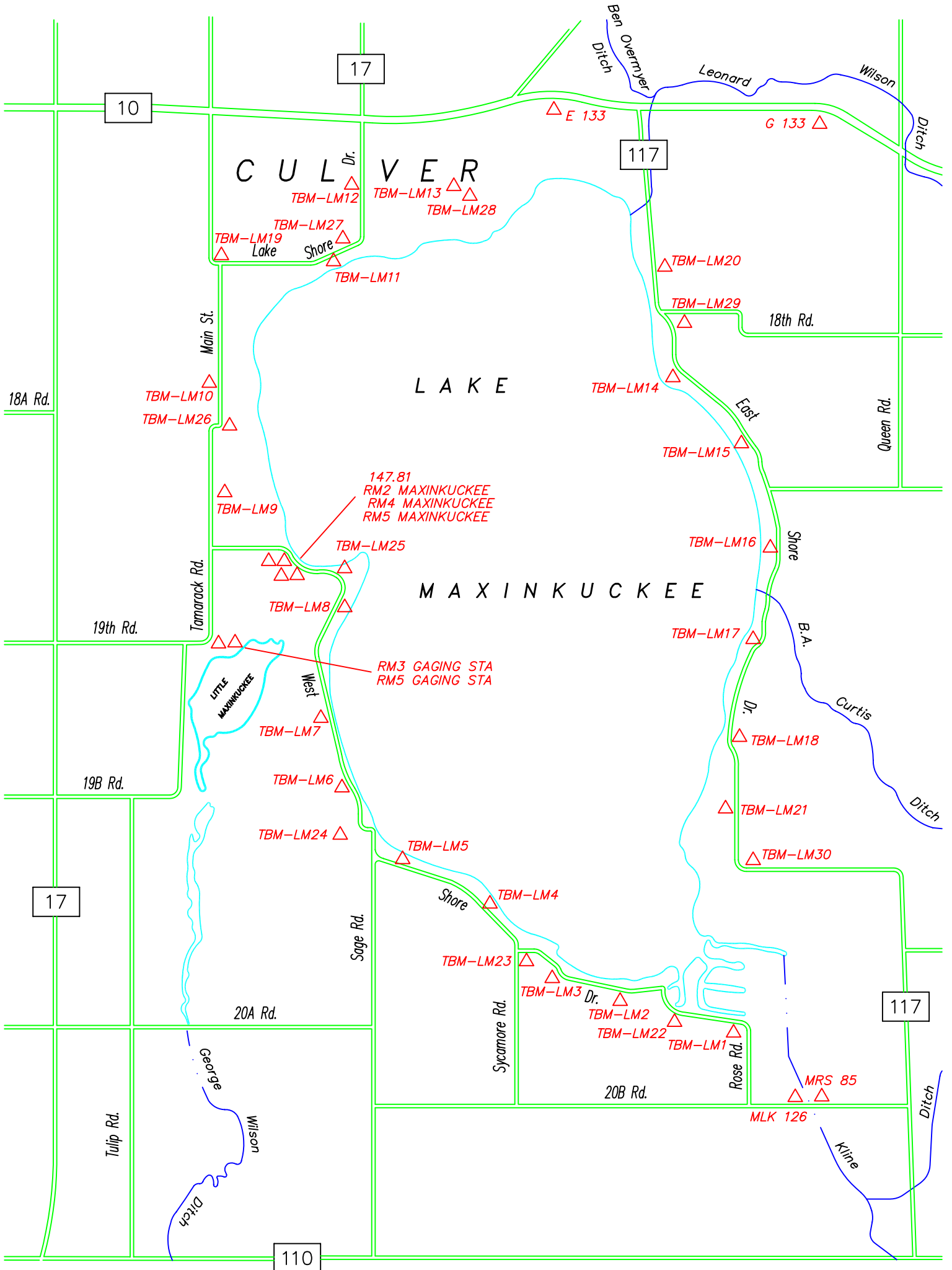


# LAKE MAXINKUCKEE BENCHMARKS



**TBM-LM1**

RAILROAD SPIKE IN NORTH SIDE OF UTILITY POLE, APPROXIMATELY 0.38 MILE NORTH AND WEST ALONG SOUTH SHORE DRIVE FROM INTERSECTION WITH 20B ROAD, 20 FEET SOUTH OF SOUTH SHORE DRIVE CENTERLINE.

**ELEV.: 744.41 NGVD 29**

**TBM-LM2**

RAILROAD SPIKE IN NORTH SIDE OF UTILITY POLE # 994, APPROXIMATELY 0.35 MILE SOUTH AND EAST ALONG SOUTH SHORE DRIVE FROM INTERSECTION WITH SYCAMORE ROAD, 14 FEET SOUTH OF SOUTH SHORE DRIVE CENTERLINE.

**ELEV.: 753.43 NGVD 29**

**TBM-LM3**

RAILROAD SPIKE IN NORTHEAST SIDE OF UTILITY POLE # 17918, APPROXIMATELY 0.1 MILE SOUTH AND EAST ALONG SOUTH SHORE DRIVE FROM INTERSECTION WITH SYCAMORE ROAD, 12 FEET SOUTHWEST OF SOUTH SHORE DRIVE CENTERLINE, 40 FEET NORTH OF ENTRANCE TO 586 SOUTH SHORE DRIVE.

**ELEV.:744.85 NGVD 29**

**TBM-LM4**

RAILROAD SPIKE IN SOUTH SIDE OF UTILITY POLE # 394, APPROXIMATELY 0.4 MILE EAST AND SOUTH ALONG SOUTH SHORE DRIVE FROM INTERSECTION WITH SAGE ROAD, 16 FEET NORTH OF SOUTH SHORE DRIVE CENTERLINE.

**ELEV.: 739.95 NGVD 29**

**TBM-LM5**

RAILROAD SPIKE IN SOUTH SIDE OF UTILITY POLE # 18422, APPROXIMATELY 0.1 MILE EAST ALONG SOUTH SHORE DRIVE FROM INTERSECTION WITH SAGE ROAD, 17 FEET NORTH OF SOUTH SHORE DRIVE CENTERLINE.

**ELEV.: 743.12 NGVD 29**

**TBM-LM6**

RAILROAD SPIKE IN EAST SIDE OF UTILITY POLE # 791/298, 0.2 MILE NORTH AND WEST ALONG WEST SHORE DRIVE FROM INTERSECTION OF SOUTH SHORE DRIVE AND SAGE ROAD, AT NORTHEAST CORNER OF 233 WEST SHORE DRIVE, 12 FEET WEST OF WEST SHORE DRIVE CENTERLINE.

**ELEV.: 749.66 NGVD 29**

**TBM-LM7**

RAILROAD SPIKE IN EAST SIDE OF UTILITY POLE #789/436, APPROXIMATELY 0.6 MILE SOUTH AND EAST FROM WEST SHORE DRIVE BRIDGE OVER THE OUTLET CHANNEL FROM LAKE MAXINKUCKEE, POLE IS LOCATED APPROXIMATELY 0.1 MILE NORTH OF PUBLIC ACCESS, 14 FEET WEST OF WEST SHORE DRIVE CENTERLINE.

**ELEV.: 739.06 NGVD 29**

**TBM-LM8**

RAILROAD SPIKE IN WEST SIDE OF UTILITY POLE # 780/750, APPROXIMATELY 0.2 MILE SOUTH AND EAST FROM WEST SHORE DRIVE BRIDGE OVER OUTLET CHANNEL OF LAKE MAXINKUCKEE, AT THE SOUTHWEST CORNER OF 894 WEST SHORE DRIVE. 13 FEET EAST OF WEST SHORE DRIVE CENTERLINE.

**ELEV.: 742.12 NGVD 29**

**TBM-LM9**

RAILROAD SPIKE IN SOUTH SIDE OF UTILITY POLE # 290/191 AT NORTH WEST CORNER OF OBISPO STREET AND WABASH STREET INTERSECTION, 13 FEET NORTH OF WABASH STREET CENTERLINE, 22 FEET WEST OF OBISPO STREET CENTERLINE.

**ELEV.: 759.99 NGVD 29**

**TBM-LM10**

RAILROAD SPIKE IN EAST SIDE OF UTILITY POLE # 781/155, 95 FEET SOUTH OF MAIN STREET AND HAWKINS COURT INTERSECTION, 16 FEET WEST OF MAIN STREET CENTERLINE.

**ELEV.: 746.20 NGVD 29**

**TBM-LM11**

RAILROAD SPIKE IN NORTH SIDE OF UTILITY POLE # 792/962, SOUTH OF PAVED PARKING AREA, SOUTH OF LAKE SHORE DRIVE AND LIBERTY STREET INTERSECTION, POLE IS NEXT TO ELECTRICAL METER BOX, 112 FEET SOUTH OF LAKE SHORE DRIVE CENTERLINE. **ELEV.: 750.71 NGVD 29**

**TBM-LM12**

RAILROAD SPIKE IN SOUTH SIDE OF UTILITY POLE # 292/370 AT NORTHWEST CORNER OF ACADEMY ROAD AND LAKE SHORE DRIVE INTERSECTION, 20 FEET NORTH OF ACADEMY ROAD CENTERLINE AND 22 FEET WEST OF LAKE SHORE DRIVE CENTERLINE. **ELEV.: 782.72 NGVD 29**

**TBM-LM13**

RAILROAD SPIKE IN SOUTH SIDE OF UTILITY POLE # 298/798 AT INTERSECTION OF NORTH SHORE LANE AND ACADEMY ROAD, 13 FEET WEST OF NORTH SHORE LANE CENTERLINE, 38 FEET NORTH OF ACADEMY ROAD CENTERLINE. **ELEV.:767.12 NGVD 29**

**TBM- LM14**

RAILROAD SPIKE IN NORTHEAST SIDE OF UTILITY POLE # 276/762, 0.2 MILE SOUTH AND EAST ALONG EAST SHORE DRIVE FROM INTERSECTION WITH 18<sup>TH</sup> ROAD, 26 FEET SOUTHWEST OF EAST SHORE DRIVE CENTERLINE. **ELEV.: 769.29 NGVD 29**

**TBM-LM15**

RAILROAD SPIKE IN EAST SIDE OF UTILITY POLE # 780/154, 0.1 MILE NORTH ALONG EAST SHORE DRIVE FROM INTERSECTION WITH 18<sup>B</sup> ROAD, 15 FEET WEST OF EAST SHORE DRIVE CENTERLINE. **ELEV.: 762.57 NGVD 29**

**TBM-LM16**

RAILROAD SPIKE IN EAST SIDE OF UTILITY POLE # 790/712, 0.2 MILE SOUTH ALONG EAST SHORE DRIVE FROM INTERSECTION WITH 18B RD, 49 FEET SOUTH OF ENTRANCE TO 1614 EAST SHORE DRIVE, 17 FEET WEST OF EAST SHORE DRIVE CENTERLINE. **ELEV.: 747.39 NGVD 29**

**TBM-LM17**

RAILROAD SPIKE IN EAST SIDE OF UTILITY POLE # 792/292, 0.5 MILE SOUTH ALONG EAST SHORE DRIVE FROM INTERSECTION WITH 18B ROAD, 16 FEET WEST OF EAST SHORE DRIVE CENTERLINE, ON A CURVE TO THE SOUTHWEST. **ELEV.: 760.22 NGVD 29**

**TBM-LM18**

RAILROAD SPIKE IN WEST SIDE OF UTILITY POLE # 285/021, 0.3 MILE NORTH AND WEST ALONG EAST SHORE DRIVE FROM INTERSECTION WITH EDWARDS LANE, ACROSS FROM EAST SHORE LANE (PRIVATE LANE TO THE SOUTH), ON A CURVE TO THE NORTH, 15 FEET EAST OF EAST SHORE DRIVE CENTERLINE. **ELEV.: 745.09 NGVD 29**

**TBM-LM19**

RAILROAD SPIKE IN SOUTH SIDE OF UTILITY POLE # 297/091 AT NORTHWEST CORNER OF LAKE SHORE DRIVE AND MAIN STREET INTERSECTION, 20 FEET WEST OF MAIN STREET CENTERLINE AND 20 FEET NORTH OF LAKE SHORE DRIVE CENTERLINE. **ELEV.: 767.41 NGVD 29**

**TBM-LM20**

RAILROAD SPIKE IN WEST SIDE OF UTILITY POLE # 54, 0.2 MILE NORTH ALONG EAST SHORE DRIVE FROM INTERSECTION WITH 18<sup>TH</sup> ROAD, 21 FEET EAST OF EAST SHORE DRIVE CENTERLINE. **ELEV.: 776.21 NGVD 29**

**TBM –LM21**

RAILROAD SPIKE IN EAST SIDE OF UTILITY POLE # 779/377 AT NORTHWEST CORNER OF EAST SHORE DRIVE AND EDWARDS LANE INTERSECTION, 18 FEET WEST OF EAST SHORE DRIVE CENTERLINE, 16 FEET NORTH OF EDWARDS LANE CENTERLINE.

**ELEV.: 768.27 NGVD 29**

**TBM- LM22**

TOP OF T-RAIL, 181 FEET WEST OF VENETIAN DRIVE AND SOUTH SHORE DRIVE INTERSECTION, 19 FEET SOUTH OF SOUTH SHORE DRIVE CENTERLINE, ACROSS FROM VENETIAN VILLAGE LOT # 11.

**ELEV.: 759.18 NGVD 29**

**TBM-LM23**

TOP OF T-RAIL AT SOUTHEAST CORNER OF SYCAMORE ROAD AND SOUTH SHORE DRIVE INTERSECTION, 14 FEET SOUTH OF SOUTH SHORE DRIVE CENTERLINE, 16.5 FEET EAST OF SYCAMORE ROAD CENTERLINE.

**ELEV.: 753.36 NGVD 29**

**TBM-LM24**

TOP OF T-RAIL, 0.15 MILE NORTH AND WEST ALONG SOUTH SHORE DRIVE FROM INTERSECTION WITH SAGE ROAD, APPROXIMATELY 180 FEET WEST ALONG A PRIVATE LANE FROM A CURVE TO THE NORTH, 26 FEET SOUTH OF CENTERLINE OF LANE.

**ELEV.:760.59 NGVD 29**

**TBM- LM25**

NORTH RIM OF SEWER MANHOLE, APPROXIMATELY 0.15 MILE SOUTH AND EAST FROM WEST SHORE DRIVE BRIDGE OVER THE OUTLET CHANNEL OF LAKE MAXINKUCKEE, APPROXIMATELY 42 FEET EAST ALONG A ROAD TO THE EAST FROM A CURVE TO THE SOUTHEAST, 32 FEET NORTHWEST OF THE NORTHWEST CORNER OF CHADWICK SHORES BUILDING.

**ELEV.: 736.30 NGVD 29**

**TBM-LM26**

NORTH RIM OF SEWER MANHOLE, 42 FEET EAST ALONG DAVIS STREET FROM IT'S INTERSECTION WITH MAIN STREET, 5 FEET NORTH OF DAVIS STREET CENTERLINE.

**ELEV.: 744.59 NGVD 29**

**TBM –LM27**

NORTH RIM OF SEWER MANHOLE AT INTERSECTION OF FORREST PLACE AND LAKE SHORE DRIVE, IN CENTERLINE OF FORREST PLACE, AND ON NORTH EDGE OF LAKE SHORE DRIVE.

**ELEV.:750.71 NGVD 29**

**TBM-LM28**

NORTH RIM OF SEWER MANHOLE, 90 FEET EAST ALONG ACADEMY ROAD FROM INTERSECTION WITH NORTH SHORE LANE, 10 FEET NORTH OF ACADEMY ROAD CENTERLINE.

**ELEV.:765.51 NGVD 29**

**TBM –LM29**

TOP OF T-RAIL, 132 FEET EAST ALONG 18<sup>TH</sup> ROAD FROM INTERSECTION WITH EAST SHORE DRIVE, 13 FEET SOUTH OF 18<sup>TH</sup> ROAD CENTERLINE.

**ELEV.:771.75 NGVD 29**

**TBM-LM30**

TOP OF T-RAIL, APPROXIMATELY 0.75 MILE NORTH AND WEST ALONG STATE HIGHWAY 117 FROM INTERSECTION WITH 20<sup>TH</sup> ROAD, 18 FEET NORTH OF STATE HIGHWAY 117 CENTERLINE, AT THE BEGINNING OF A CURVE TO THE NORTH.

**ELEV.:757.89 NGVD 29**

**IDNR BM MRS 85 1978**

SET IN THE TOP OF A CONCRETE POST ON THE NORTH SIDE OF THE ROAD, AT THE WEST 20B ROAD 6.0 FOOT CMP CULVERT OVER THE INLET TO LAKE MAXINKUCKEE, 66 FEET EAST FROM THE CENTER LINE OF THE CULVERT, 17.5 FEET NORTH OF THE CENTERLINE OF THE ROAD, 2.5 FEET SOUTH FROM A POWER POLE, 0.1 FOOT ABOVE THE GROUND; A DEPARTMENT OF NATURAL RESOURCES BRASS CONTROL STATION TABLET, STAMPED "MRS 85 1978."

**ELEV.: 743.114 NGVD 29**

**ELEV.: 742.718 NAVD 88**

**USGS RM # 4 MAXINKUCKEE**

AT THE ABANDONED PENNSYLVANIA RAILROAD BRIDGE AND THE WEST SHORE DRIVE BRIDGE OVER THE OUTLET CHANNEL FOR LAKE MAXINKUCKEE; SET IN TOP OF THE EAST END OF THE NORTH BRIDGE ABUTMENT OF THE OLD RAILROAD BRIDGE, 28.8 FEET SOUTHWEST OF THE CENTERLINE OF WEST SHORE DRIVE, 0.6 FOOT NORTH OF THE SOUTH FACE OF THE BRIDGE ABUTMENT, A U.S. GEOLOGICAL SURVEY GAGING STATION TABLET, NOT STAMPED.

**ELEV.: 735.841 NGVD 29**

**ELEV.: 735.467 NAVD 88**

**E-133**

SET IN THE TOP OF THE WEST END OF THE SOUTH CONCRETE HEADWALL OF A 14 INCH CORRUGATED PIPE CULVERT. 0.6 MILE EAST ALONG STATE HIGHWAY 10 FROM INTERSECTION WITH STATE HIGHWAY 17, ABOUT 100 YARDS EAST OF THE CROSSING OF THE OLD PENNSYLVANIA RAILROAD, APPROXIMATELY 175 YARDS EAST OF INTERSECTION OF THE CENTERLINE OF SOUTH SYCAMORE ROAD AND STATE HIGHWAY 10, 18 FEET SOUTH OF THE CENTERLINE OF THE HIGHWAY, 13 FEET EAST OF THE WEST END OF THE HEADWALL, AND ABOUT LEVEL WITH THE HIGHWAY.

**ELEV.: 763.24 NGVD 29**

**ELEV.: 762.55 NVAD 88**