

LEGEND

- OPEN WATER O.W.
- MARSH
- BRUSH SWAMP
- STREAM
- INTERMITTENT STREAM
- EMERGENT VEGETATION EV
- BENCHMARK B.M. ⊕
- BITUMINOUS ROAD
- GRAVEL ROAD
- UNIMPROVED ROAD
- BRIDGE
- DRAINAGE DITCH
- STATE HIGHWAY 18
- COUNTY STATE AID HIGHWAY 37
- SECTION NUMBER 19
- SECTION LINE
- TOWNSHIP, RANGE LINE
- RANGE NUMBER R. 21 W.
- MAN MADE DAM

LAKE OUTLINE OBTAINED FROM 1977 BLUELINE AERIAL PHOTO # 191-1.

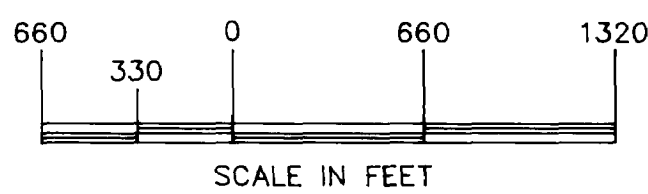
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 Department of Natural Resources
 Division of Fish and Wildlife
 Ecological Services Section

REPRODUCTION OF THIS MAP REQUIRES PROPER CREDITS TO: DIVISION OF FISH AND WILDLIFE MINNESOTA DEPARTMENT OF NATURAL RESOURCES
 FINANCED WITH AID OF DINGELL - JOHNSON FUNDS

SURFACE AREA 384.7 ACRES
 LITTORAL AREA 168.6 ACRES (43.8%)
 LAKE VOLUME 5,417.4 ACRE FEET
 MEAN DEPTH 14.1 FEET
 SHORELINE LENGTH 5.53 MILES

BM#1: TOP, S.E. CRNR. OF N. SIDE OF CONCRETE OF STOP-LOG DAM AT OUTLET OF LAKE.
 BM#3: CNTY. BRIDGE BM, N.E. SIDE OF Co. Rd. 23 BRIDGE #01516.

W.S.E.: 7.71' BELOW BM#3 ON 7-18-90.



STATE OF MINNESOTA
 DEPARTMENT OF NATURAL RESOURCES

DIVISION OF FISH AND WILDLIFE
 ECOLOGICAL SERVICES SECTION

BIG PINE (NORTH) LAKE (58-138)
 PINE COUNTY

T. 43 N. R. 21, 22 W. S. 7,8,18,19,13,24

FIELDWORK K.J.Z. & L.M.K. DATE 7/19/90	DRAWN BY: DATE 1/15/92
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