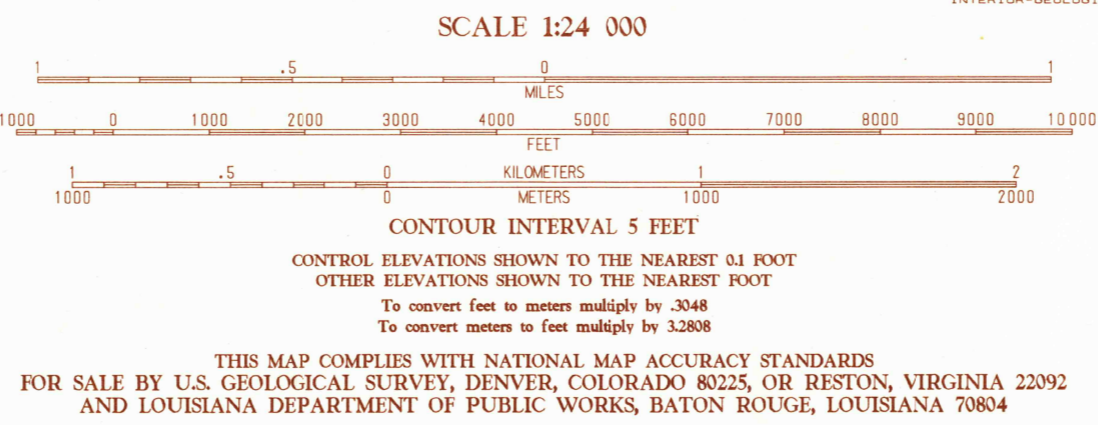


PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY . . . . . USGS, NOS/NOAA,  
AND LOUISIANA DEPARTMENT OF HIGHWAYS  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN . . . . . 1982  
FIELD CHECKED . . . . . 1983. MAP EDITED . . . . . 1985  
PROJECTION . . . . . LAMBERT CONFORMAL CONIC  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR . . . . .  
10000-FOOT STATE GRID TICKS . . . . . LOUISIANA, SOUTH ZONE  
UTM GRID DECLINATION . . . . . 0° 08' EAST  
1984 MAGNETIC NORTH DECLINATION . . . . . 5° 00' EAST  
HORIZONTAL DATUM . . . . . NATIONAL GEODETIC VERTICAL DATUM OF 1929  
VERTICAL DATUM . . . . . 1929 NORTH AMERICAN DATUM  
To place on the predicted North American Datum of 1983,  
move the projection lines as shown by dashed corner ticks  
(8 meters south and 15 meters east)  
There may be private inholdings within the boundaries of any  
Federal and State Reservations shown on this map  
No distinction made between houses, barns, and other buildings

**PROVISIONAL MAP**  
Produced from original  
manuscript drawings. Infor-  
mation shown as of date of  
photography.



ROAD LEGEND

Improved Road . . . . .  
Unimproved Road . . . . .  
Trail . . . . .

Interstate Route U.S. Route State Route

1	2	3	Indian Village
4	5	6	Kinder
7	8	9	Elton
10	11	12	Fenton
13	14	15	Hathaway
16	17	18	Lacrosse
19	20	21	Welsh South
22	23	24	Jennings

ADJOINING 7.5 QUADRANGLE NAMES

QUADRANGLE LOCATION

WELSH NORTH, LOUISIANA  
SE 1/4 KINDER 15' QUADRANGLE  
PROVISIONAL EDITION 1985

33092-C7-TF-024

REC'D FILE COPY  
DEC 19 1985  
USGS NMD HISTORICAL MAP