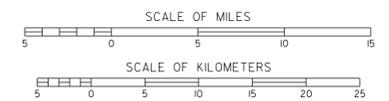


**INDEX MAP  
MISSISSIPPI RIVER  
HYDROGRAPHIC SURVEY  
1991-1992  
BLACK HAWK, LA. TO HEAD OF PASSES, LA.  
ALSO SOUTH AND SOUTHWEST PASSES  
AND PASS A LOUTRE**

PREPARED UNDER THE DIRECTION OF THE  
PRESIDENT, MISSISSIPPI RIVER COMMISSION  
BY THE  
U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS  
NEW ORLEANS, LOUISIANA

IN 86 SHEETS



NOTES: (Black Hawk, La. To Head of Passes, La.)  
Polyconic Projection, North American Datum of 1983.  
Polyconic Projection, Mississippi River Commission Datum (indicated by ticks).  
All elevations are expressed in feet and refer to National Geodetic Vertical Datum of 1929.  
Contours below Low Water Reference Plane are expressed in feet at 5 and 10 ft. intervals.  
Contours above Low Water Reference Plane are expressed in feet at 5 ft. intervals.  
Planimetry from aerial photographs flown November 1991.  
Distances on Mississippi River above Head of Passes are shown at 1 mile intervals, 1962 survey.

NOTES: (South and Southwest Passes and Pass a Loutre.)  
Polyconic Projection, North American Datum of 1983.  
All elevations are expressed in feet and refer to National Geodetic Vertical Datum of 1929.  
Contours below -20 ft. contour are expressed in feet at 10 ft. intervals.  
Planimetry from aerial photographs flown November 1991.  
Distances on South and Southwest Passes below Head of Passes are shown at 1 mile intervals, 1962 survey.  
Distances on Pass a Loutre, from junction of Mississippi River and Pass a Loutre, are shown at 1 mile intervals, 1962 survey.

**LEGEND**

- Levee baseline, toe, and station numbers
- Top of levee (no baseline) and toe
- Wavewash Protection
- Foreshore Protection
- Revetment
- Bulkhead
- Paved road, four or six lanes wide
- Paved road, two lanes wide
- Loose surface road, graded and drained
- Improved dirt road
- Unimproved dirt road
- Street
- River mile above head of Passes (1962)
- Low Water Reference Plane
- Low Water Reference Plane Elevation (to nearest foot N.G.V.D.)
- Range Designation (1942 mileage)
- Direction of flow
- River Gage
- MARCHAND LT. Navigation light and name
- Submarine pipe or cable crossing
- Buoy

