

Description of Map Units

- QUATERNARY SYSTEM**
- Holocene**
- Hua** Holocene undifferentiated alluvium—undifferentiated deposits of small upland streams; unconsolidated alluvial deposits of minor streams and creeks filling valleys incised into older deposits, with textures varying from gravelly sand to sandy mud.
 - Hb** Backswamp deposits—fine-grained Holocene deposits of rivers, underlying the flood basins between meander belts.
 - Hm1** Mississippi River meander belt 1—thin bar deposits of Mississippi river meander-belt 1, buried by a thin layer of overbank sediments.
 - Hm2** Natural levee complex of Mississippi River meander belt 1—deposits of the natural levees flanking Mississippi River meander belt 1.
 - Hm3** Crevasse complex of Mississippi River meander belt 1—crevasse channel and splay deposits of Mississippi River meander belt 1.
 - Hmd** Distributary complex of Mississippi River meander belt 1—natural levee deposits of the distributary course of Mississippi River meander belt 1.
- Pleistocene**
- Pph** Hammond alloformation—Deposits of middle to late Wisconsin coastal-plain streams, blanketed by Peoria Loess, in the Florida Parishes of southeastern Louisiana. Includes floodplain deposits of the late Pleistocene Mississippi River, exposed in the eastern valley wall of the modern Mississippi River alluvial valley, originally defined as the Mt. Pleasant Bluff Alloformation by Autin et al. (1988). In the Plaquemine quadrangle it consists of grayish sandy clay to clayey very fine to fine sand.
- Open Water**
- Wetlands**
- Streams**
- Contact**—includes inferred contacts.
- Topographic Contours**

References:
Autin, W. J., A. T. Davison, B. J. Miller, W. J. Day, and B. A. Schumacher. 1988. Exposure of late Pleistocene meander-belt facies at Mt. Pleasant, Louisiana. Gulf Coast Association of Geological Societies Transactions, v. 38, p. 375-383.

Miller, B. J. (compiler). [1983]. [Distribution and thickness of loess in Baton Rouge, Louisiana 1 x 2 degree quadrangle]. Louisiana State University Department of Agronomy, Louisiana Agricultural Center, Louisiana Agricultural Experiment Station, Baton Rouge, unpublished map, Louisiana Geological Survey, scale 1:250,000.

Correlation of Map Units

| | | Mississippi River Valley | | | | Southwest Louisiana Coastal Plain |
|-------------|-----|--------------------------|-----|-----|-----|-----------------------------------|
| Pleistocene | Hmd | Hmc | Hm1 | Hm2 | Hm3 | Hua |
| | | | | | | Pph |
| Holocene | | | | | | |

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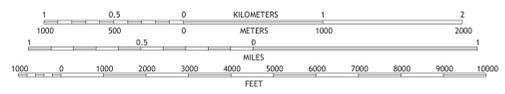
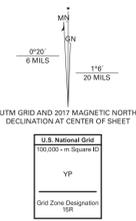
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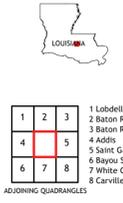
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Base map from U.S. Geological Survey 1:24,000 GeoPDF
National Geospatial Program US Topo Product Standard, 2011.
Universal Transverse Mercator Projection, Zone 15
North American Datum 1983 (NAD 83)
Contour Interval 5 Feet
National Geodetic Vertical Datum 1988



PLAQUEMINE, LA
2020

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Plaquemine 7.5 Minute Geologic Quadrangle 2020