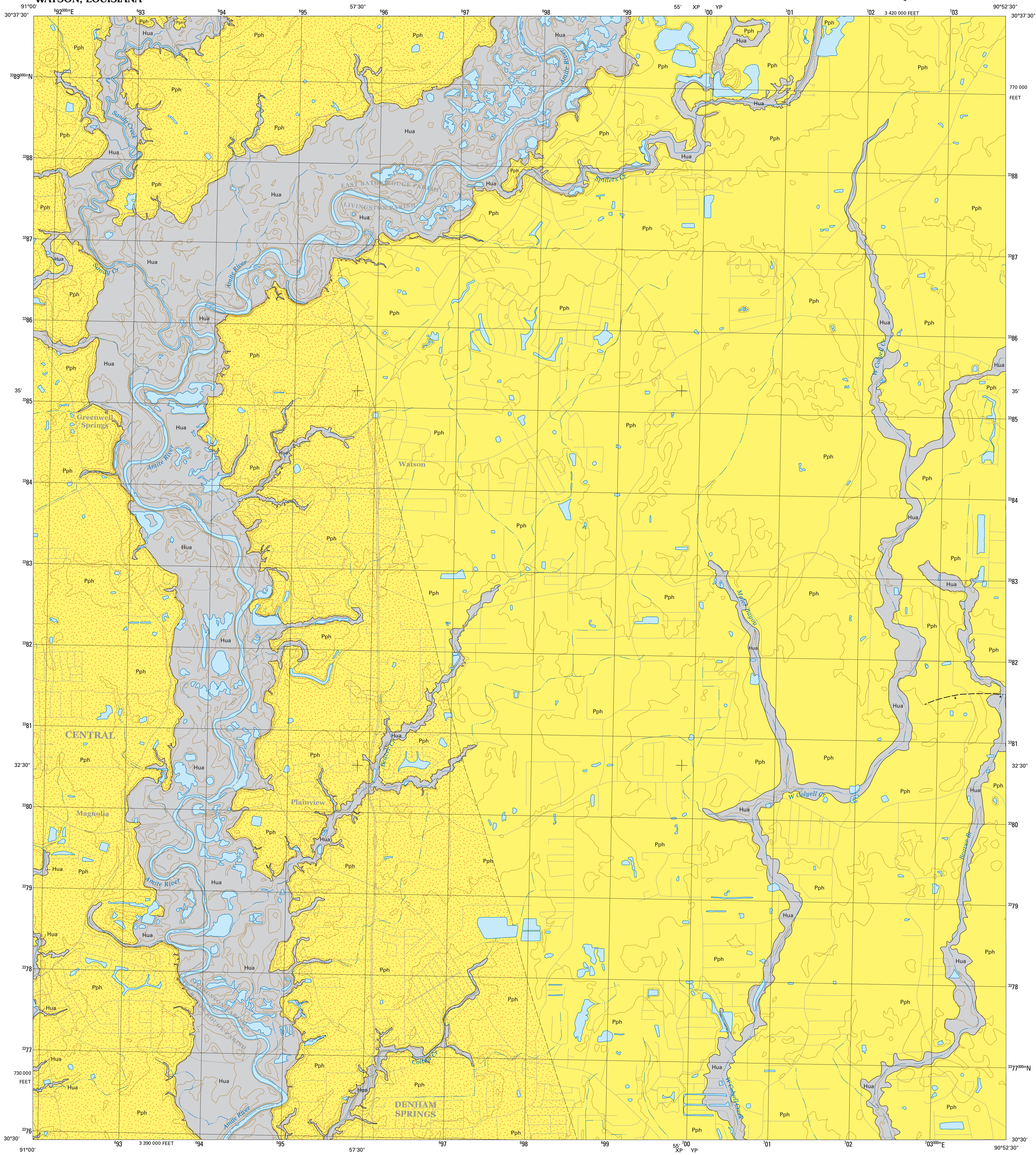


WATSON, LOUISIANA

7.5 MINUTE GEOLOGIC QUADRANGLE SERIES



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.

PLEISTOCENE

Peoria Loess—Eolian silt veneer of late Wisconsin age (**Peoria Loess**) mantling Pleistocene and older strata. Underlain in places by older loess of possible late Sangamon to early Wisconsin age (**Sicily Island Loess**). Loess is shown where the total thickness of either or both loess units is 1 meter or greater.

PRAIRIE ALLOGROUP

Pph **Hammond alloformation**—Deposits of middle to late Wisconsin coastal-plain streams in the Florida Parishes of southeastern Louisiana. It consists of grayish silty clay to very fine to medium sand, with abundant ferruginous nodules (≥ 2 cm) in places, and in the northern Pride to western Watson 7.5-minute quadrangles is covered by 1 m or more of Peoria Loess.

Open Water

Contact—Includes inferred contacts.

Approximately located fault—Identity and existence certain, location approximate. Ball and bar on downthrown block.

Concealed fault—Identity and existence certain, location concealed. Ball and bar on downthrown block.

Roads and Railroads

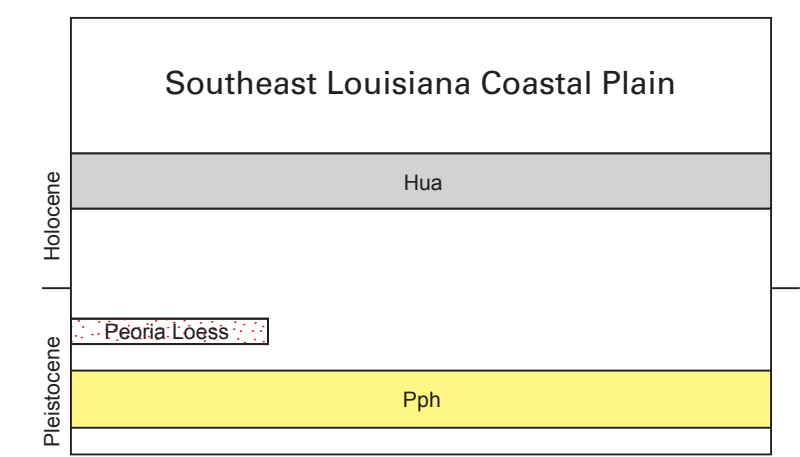
Streams

Topographic Contours

References:

Loess distribution based on:
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Department of Agronomy, Louisiana Agricultural Center, Louisiana Agricultural Experiment Station, Baton Rouge, unpublished map, Louisiana Geological Survey, scale 1:250,000.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



Produced and published by the Louisiana Geological Survey
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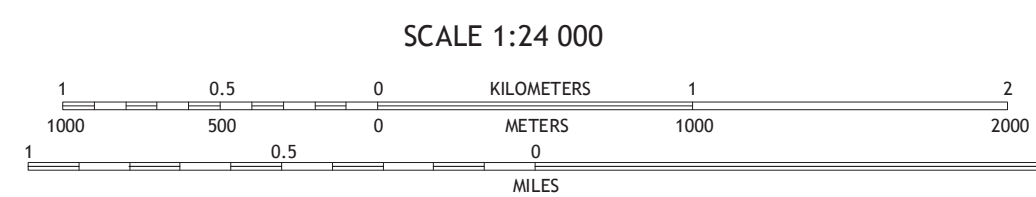
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Geology by: Richard P. McCulloh and Paul V. Heinrich

GIS Compilers: R. Hampton Peele, Richard P. McCulloh, and Paul V. Heinrich

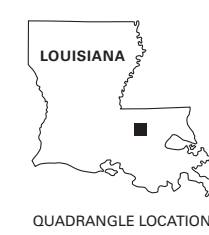
Cartography by: Robert L. Paulsell



SCALE 1:24,000

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

0° OF E
APPROXIMATE MEAN
DECLINATION, 2016



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Chacko J. John
Director & State Geologist

Watson 7.5 Minute Geologic Quadrangle
Open File Series 2016-04