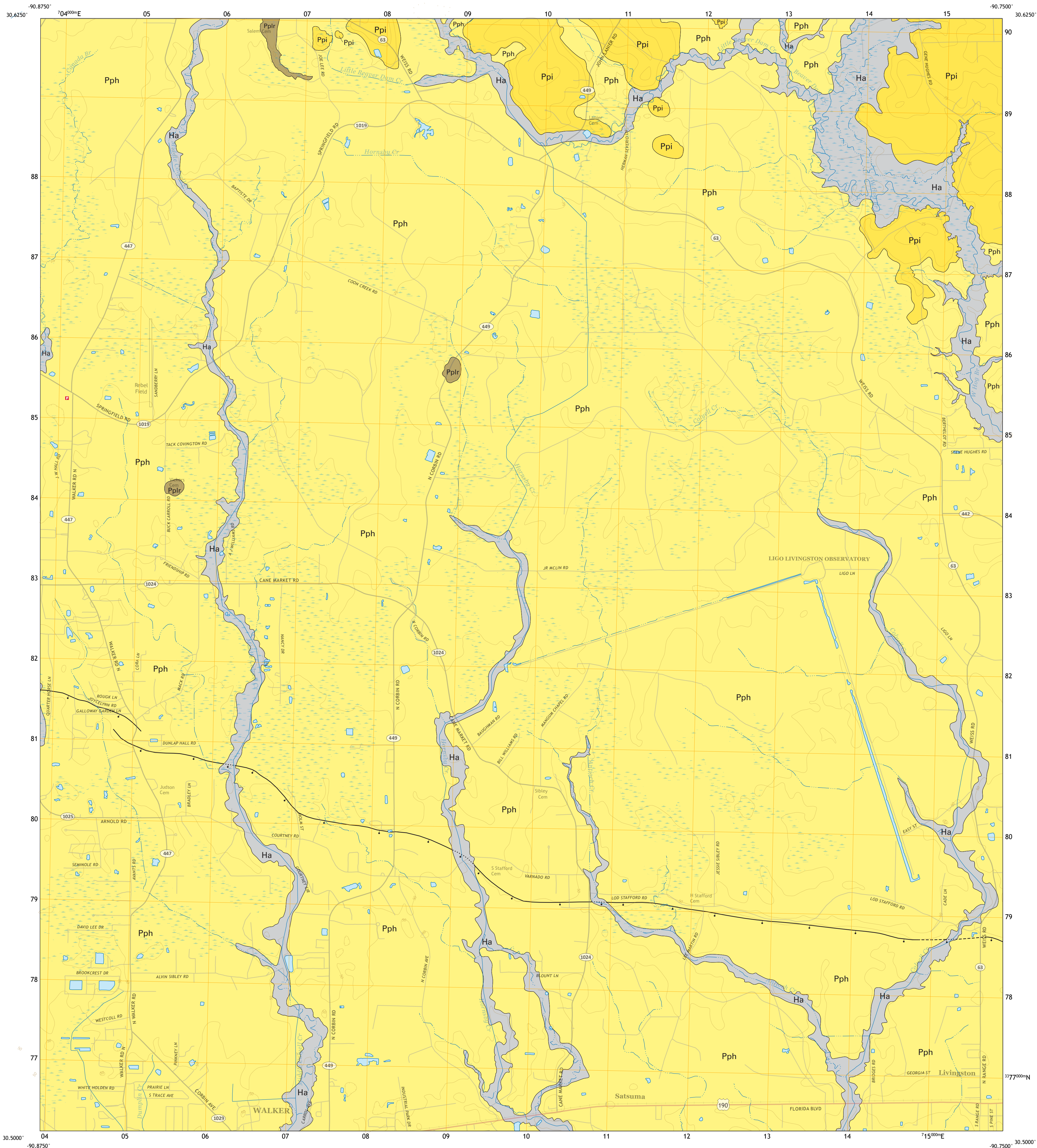
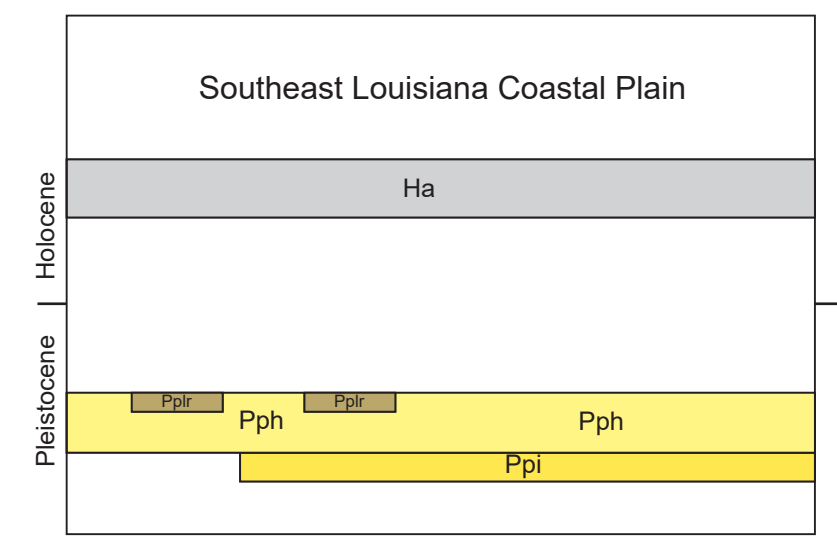


Description of Map Units

- QUATERNARY SYSTEM**
- HOLOCENE**
- Ha** **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**
- PRAIRIE ALLOGROUP**
- Pph** **Hammond alloformation**—Deposits of middle to late Wisconsin coastal-plain streams in the Florida Parishes of southeastern Louisiana. In the upper Amite River valley area it consists of grayish silty clay to very fine to medium sand, with yellowish and brownish mottles and abundant ferromagnesian nodules (52 cm) in places, and in Satsuma quadrangle is covered by less than 1 m of loess.
 - Pplr** **Relict Pleistocene ridges**—Alluvial remnants (predominantly sand hills) delineated on portions of the surface of the Hammond alloformation.
 - Ppi** **Irene alloformation**—Alluvial deposits of the middle Pleistocene ancestral Amite River and other equivalents of Florida Parishes streams in southeastern Louisiana. Texture ranges from silty clay to coarse sand, with fining upward sequences common. The upper surface in places is a grayish silty clay with a distinctive mixture of fragmented whitish flakes of silt. In the Satsuma quadrangle this unit is blanketed by less than 1 m of loess, or loess-derived colluvium.
- Open Water, Inundated Area, Wetland**
- Normal Fault**—Ball and bar on downthrown side.
- Inferred Fault**—Identity and existence certain, location inferred. Ball and bar on downthrown side.
- Concealed Fault**—Identity and existence certain, location concealed. Ball and bar on downthrown side.
- Streams**
- Contact**—includes inferred contacts.
- Topographic Contours**

Correlation of Map Units



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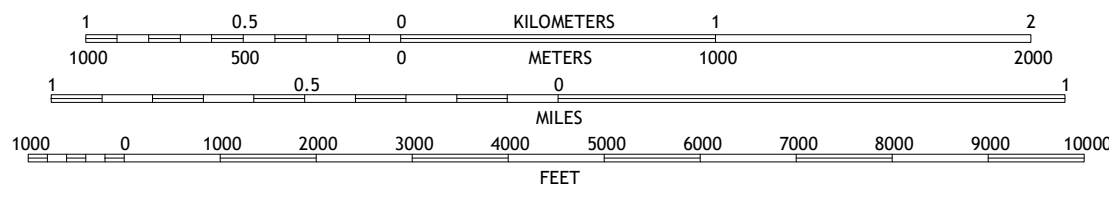
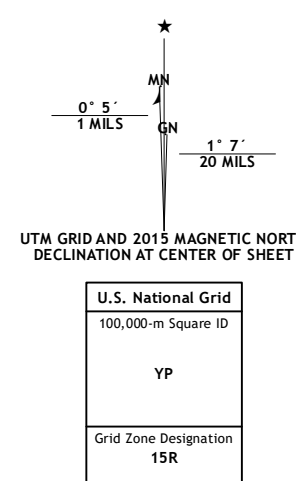
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Cartography: Robert L. Paulsell

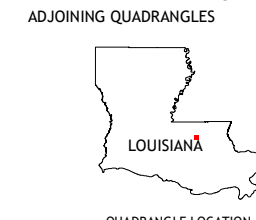


SCALE 1:24,000

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
 North American Vertical Datum 1988

1	2	3
4	5	6
7	8	

ADJOINING QUADRANGLES



ROAD CLASSIFICATION

Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	Railroad
Interstate Route	US Route
	State Route

Base Map	United States Geological Survey, 2020
Boundaries	LaDOTD, 2007
Contours	National Elevation Dataset, 2008 - 2011
Hydrography	National Hydrography Dataset, 2002 - 2017
Names	GNIS, 1980 - 2017
Roads	U.S. Census Bureau, 2017
Wetlands	FWS National Wetlands Inventory 2021

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Geologic Map of the Satsuma 7.5 minute quadrangle
 Livingston Parish, Louisiana