

**MAP CASE DRAWER 1
GEOLOGICAL MAPS
SOIL and FORESTRY MAPS
WATER-RESOURCES MAPS**

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I. GEOLOGICAL MAPS

F. 1 Cotton Valley Group. [Cross section and maps] James M. Forgotsen. Northwestern University, 1953.

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1. Cross section of the Cotton Valley group.
2. Isopach and lithofacies map of the Total Cotton Valley group.
3. Isopach and lithofacies of the Schuler formation of the Cotton Valley group.
4. Isopach and lithofacies of the Bossier formation of the Cotton Valley group.
5. Color ratio and thickness map of the total shale in the Schuler formation of the Cotton Valley group.
6. Color ratio and thickness map of the total shale in the Bossier formation.
7. Number of discrete sandstone beds and total sand thickness map of the Schuler formation of the Cotton Valley group.
8. Lithofacies map of the top 1000 feet of the Schuler formation.
9. Number of discrete sandstone beds and total sand thickness map of the top 1000 feet of the Schuler formation of the Cotton Valley group.
10. Tripartite sand distribution and total sand thickness map of the Schuler formation of the Cotton Valley group. (2 copies)

F. 2 Louisiana Geological Survey maps.

1. Opelousas, St. Landry Parish, LA, 1956.
2. Bosco, Acadia and St. Landry Parishes, LA, 1956.
3. Mamou, Evangeline Parish, LA, 1956.
4. Ville Platte, Evangeline Parish, LA, 1956.
5. Pine Prairie, Evangeline Parish, LA, 1956.
6. Reddell, Evangeline Parish, LA, 1956.
7. Duralde Field, Evangeline Parish, LA & Bayou Courtableau Field, Grand Coteau Field, Melville Field, Naka Field, Palmetto Field, St. Landry Parish, LA, 1956.
8. Cankton and North Cankton, St. Landry and Lafayette Parishes, LA, 1956.
9. Structure of Evangeline & St. Landry Parishes contoured on Top of Wilcox, LA, 1956.
10. Krotz Springs, St. Landry Parish, LA, 1956.
11. Pleistocene Terraces, Evangeline & St. Landry Parishes, LA, 1956.
12. Structure of Evangeline & St. Landry Parishes, LA. Contoured on Top of Basil Cook Mountain Marl., 1956.
13. Structure of Evangeline & St. Landry Parishes, LA. Contoured on Base of Moodys Branch Marl., 1956.
14. Physiographic Features of Evangeline & St. Landry Parishes, LA, 1956.
15. Shuteston, St. Landry Parish, LA, 1956.
16. Washington, St. Landry Parish, LA, 1956.
17. Lewisburg and South Lewisburg, Acadia & St. Landry Parishes, LA, 1956.
18. Port Barre, St. Landry Parish, LA, 1956.
19. Pleistocene Terrace Sections with Surface Profiles, Evangeline Parish, LA, 1956.
20. Composite Log Evangeline & St. Landry Parishes.
21. North – South Stratigraphic Section. (2 copies)
22. East- West Stratigraphic Section. (2 copies)
23. Geological Map of Evangeline and Western St. Landry Parishes, LA, 1955.
24. Baton Rouge, LA. ; Miss. Land Use Geological Survey 60x120 Minute, 1972.
25. Coastal Zone of Madisonville, Mandeville, and Slidell.
26. Emergency Ground-Water Supplies in Calcasieu Parish, Louisiana. George W. Swindel and Arthur L. Hodges, Jr., 1962. (2 copies)
27. Emergency Ground-Water Supplies in the Monroe Area, Louisiana. John L. Snider, 1962. (2 copies)

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28. Fence Diagram Showing Subsurface Geology of Louisiana. (Issued as Water Resources Bulletin no. 1, Plate no. 2) Louisiana Geological Survey, 1960.
29. Generalized Geological Map of Louisiana, 1959.
30. Generalized Geologic Map of Louisiana, 2000.
31. Geologic Map of Louisiana. John L. Snead and Richard P. McCulloh, 1984. (2 copies)
32. Geologic Map of the State of Louisiana. W.E. Wallace, Jr. for the Shreveport Geological Society, 1946.
33. Geological Map of Bossier Parish. Douglas E. Jones, 1960. (Issued as Geological Bulletin no. 37, plate no. 1)
34. Geological Map of Caldwell Parish. J. Huner, Jr., 1939. (Issued with Geological Bulletin no. 15)
35. Geological Map of Sabine Parish. Harold V. Anderson, 1958. (Issued with Geological Bulletin no.34)
36. Geological Map of Winn Parish, Louisiana. J. Huner, Jr., 1939. (Issued with Geological Bulletin no. 15)
37. Lake Charles, LA.; Texas Land Use Map, 1972.
38. Louisiana Salt Domes, 1965. (2 copies) **LaRm TN 872 .L8L4 c.2**
39. Louisiana's Principal Freshwater Aquifers, 2010.
40. Louisiana Coastal Resources Program Iberia Parish.
41. Louisiana Coastal Resources Program Iberia Parish, 1976.
42. Louisiana Coastal Resources Program Iberia Parish, 1977.
43. Louisiana Coastal Resources Program St. Martin Parish Lower Section, 1977. (2 copies)
44. Louisiana Coastal Resources Program St. Martin Parish Upper Section, 1977. (3 copies)
45. Louisiana Coastal Resources Program Vermilion Parish North Section.
46. Louisiana Coastal Resources Program Vermilion Parish South Section.
47. Map and Satellite Image of the Atchafalaya Basin, 2000.
48. New Orleans, LA. Land Use Map, 1972.
49. Port Arthur, LA.; Tex. Land Use Map, 1972.
50. Pumpage of Water in Louisiana. Dee L. Larry. La. Dept. of Transportation & Development, 1987.
51. Quaternary Geology of the Lower Mississippi Valley. Roger T. Saucier and John I. Snead, 1989. **LaRm QE 696 .Q827 1990**
54. Recent Geologic Flood Plain Deposits of Louisiana. Richard P. McCulloh and Rebecca A. Bradley, 1983.
55. Structure Map of Caldwell and Winn Parishes, 1939. (Issued as Geological Bulletin no. 15, plate no. 6)

F. 3 Louisiana Geological Survey. Oil and gas maps.

1. Intrastate Gas Map of Louisiana. C. Petit Stanfield and Edward L. McGehee, Jr., 1974, 2 sheets.
2. Intrastate Gas Map of Louisiana. C. Petit Stanfield and Edward L. McGehee, Jr., 1977.
3. Intrastate Gas Map of Louisiana. C. Petit Stanfield and Edward L. McGehee, Jr., 1983.
4. Louisiana Oil, Gas & Highway Map. Jefferson Map Co.
5. Oil and Gas Map Southwest Pass.
6. Oil and Gas Map of Louisiana. G.O. Coignet, 1951.
7. Oil and Gas Map of Louisiana. G.O. Coignet, 1956. **LaRm G 4011 .H8 1956 .L6 c.2**
8. Oil and Gas Map of Louisiana. G.O. Coignet, 1959. **LaRm G 4011 .H8 1959 .L6 c.3**
9. Oil and Gas Map of Louisiana. G.O. Coignet, C. Petit Stanfield and Edward L. McGehee, Jr., 1973. (2 copies)
10. Golden Meadow Lafourche Parish, LA.: Plot Map and Oil Field locations.
11. Leeville Field Lafourche Parish, LA.: Plot Map and Oil Field locations, 1948.
12. System Map Louisiana Gas Map: Continental Oil Company.
13. State Mineral Leases, 1981.

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F. 4 New Orleans Geological Society. Cross-Section Study Group, 1954-1956.

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1. "A" Cross-Section from Pointe Coupee Parish to St. Mary Parish, La, 1956.
2. "B" Cross-Section, West Feliciana Parish to Terrebonne Parish, La, 1956.
3. "C" Cross-Section, Gillsburg Field, Amite County, Miss. to Caillou Island Field, Terrebonne Parish, La, 1956.
4. "D" Cross-Section, Hancock City, Miss. to Plaquemines Parish, La, 1956.
5. Frio Strike Cross-Section through South Louisiana, Calcasieu through St. Tammany Parishes, 1954.
6. Lower Miocene Strike Cross-Section through South Louisiana, Vermilion through St. Bernard Parishes, 1954.
7. Middle Miocene Strike Cross-Section through South Louisiana, Vermilion through St. Bernard Parishes, 1954.
8. Upper Miocene Strike Cross-Section through South Louisiana, St. Mary through Plaquemines Parishes, 1954.

F. 5 Geology of the Continental Shelf Edge and Upper Continental Slope of Southwestern Louisiana.

U.S. Dept. of the Interior. Minerals Management Section. Open File Report 82-02, 1982. (2 copies of each)

1. Shallow Geological Features Having Topographic Expression. Henry L. Berryhill, Jr., 1981.
2. Location of Faults and Distribution of Shallow Gas in Sediments. Anita R. Trippet, Dale Mihalyi and Henry L. Berryhill, Jr., 1981.
3. Relative Bottom Hardness. Anita R. Trippet, Dale Mihalyi and Henry L. Berryhill, Jr., 1981.
4. Distribution of Buried Stream Channels and Shallow Deformation. Dale Mihalyi, 1981.
5. Location of Diapirs, Fold Axels and Faults. Anita R. Trippet, 1981.
6. Structure Contours Drawn on Diapirically Deformed Sediments. Anita R. Trippet, 1981.
7. State of Louisiana: Computer Enhanced Landsat Image Mosaic. PennWell Maps, 1985.

LaRm G 4011 .A4 1985 .P4

II. SOIL AND FORESTRY MAPS

F. 6

1. Agricultural Map of Louisiana, Compiled from Published Reports and Manuscript Notes, by Eug. W. Hilgard, Ph.D., Special Agent, 1880. [Removed from Tenth Census of the United States]
2. General Soil Areas and Associated Soil Groups in Louisiana. S. A. Lyle and M. B. Sturgis. LSU Dept. of Agronomy, 1962. (2 copies)
3. Louisiana Forest Types. Louisiana Dept. of Natural Resources. Office of Forestry, 1964.
4. Soil Map, Louisiana, Lake Charles Sheet. USDA Bureau of Soils, 1901.

III. U.S. GEOLOGICAL SURVEY. WATER-RESOURCES INVESTIGATIONS REPORTS

F. 7

1. Map Showing Generalized Potentiometric Surface of Aquifers of Pleistocene Age, Southern Louisiana, 1980, 1985.
2. Water Level Changes of the Chicot Aquifer in Southwestern Louisiana, Spring 1983 to Spring 1985. (La. Groundwater Map #1).
3. Map Showing Generalized Potentiometric Surface of the Evangeline and Equivalent Aquifers in Louisiana, 1980, 1985.
4. Generalized Potentiometric Surface of the Catahoula Aquifer in Central Louisiana, 1980. (2 copies)
5. Louisiana Hydrologic Atlas Map no.1: Mean Annual Runoff in Louisiana. 1986. (2 copies)

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6. Louisiana Hydrologic Atlas Map no. 2: Areal Extent of Freshwater in Major Aquifers in Louisiana, 1986.
7. Louisiana Hydrologic Atlas Map no. 3: Altitude of the Base of Freshwater in Louisiana, 1988. (2 copies)
8. Potentiometric Surface of the Chicot Aquifer in Southwestern Louisiana, Spring 1985. (La. Ground-Water Map #1)
9. Generalized Potentiometric Surface of the Upper Jasper, Lower Jasper, and Equivalent Aquifers in Louisiana, 1984. (2 sheets)
10. Potentiometric Surface, 1987, of the Gonzales-New Orleans Aquifer in Southeastern Louisiana. (La. Ground-water Map #2). (2 copies)
11. Water Quality Survey of the Barataria Basin, 1988. (Louisiana Hydrologic Atlas Map No. 6). (2 sheets) (2 copies)
12. Potentiometric Surface, 1989, and Water-Level Changes, 1984-1989, of the Jasper Aquifer System in West-Central Louisiana. (La. Ground-Water Map no.4) (2 copies)
13. Potentiometric Surface, 1990, and Water-Level Changes, 1974-90, of the Evangeline Equivalent/Southeast Louisiana Aquifer System. (La. Ground-Water Map No.5) (2 copies)
14. Water Quality Survey of the Mermentau River Basin, 1989-1990. (La. Hydrological Atlas Map No.7) (3 sheets)
15. Potentiometric Surface, 1991, of the Chicot Equivalent Aquifer System in Southeastern Louisiana. (La. Ground-Water Map No.7) (2 sheets)
16. Potentiometric Surface, 1991, and Water-Level Changes, 1985-1991, of the Chicot Aquifer System in Southwestern Louisiana. (La. Ground-Water Map No.10) (2 sheets)
17. Potentiometric Surface, 1990, and Water-Level Changes, 1974-90, of the Mississippi River Alluvial Aquifer in Northeastern Louisiana. (La. Ground-Water Map No.6) (Sheet 1)
18. Water Level Changes, 1974-90, of the Mississippi River Alluvial Aquifer in Northeastern Louisiana. (La. Ground-Water Map No.6) (Sheet 2)
19. Potentiometric Surface, 1991, of the Carrizo-Wilcox Aquifer in Northwestern Louisiana. (La. Ground-Water Map No.8).
20. Potentiometric Surface, 1993, of the Cockfield Aquifer in Northern Louisiana, and Water-Level Changes, 1968-1993, of the Cockfield Aquifer in Northern Louisiana. Ground-Water Map No.9) (2 sheets)
21. Bathymetric Survey and Physical and Chemical-Related Properties of Lake Bruin, Louisiana, February and September 1997.
22. Bathymetric Survey and Physical and Chemical-Related Properties of Mill Creek Reservoir, Louisiana, May 27-29, 1997.
23. Bathymetric Survey and Physical and Chemical-Related Properties of Indian Creek Reservoir, Louisiana, June 11-18 and September 22, 1997.
24. Bathymetric Survey and Physical and Chemical-Related Properties of False River, Louisiana, June and July 1998.
25. Bathymetric Survey and Physical and Chemical-Related Properties of Kincaid Reservoir, Louisiana, June and September 1997.
26. Bathymetric Survey and Physical and Chemical-Related Properties of Caddo Lake, Louisiana and Texas, August and September 1998.
27. Bathymetric Survey and Physical and Chemical-Related Properties of Smithport Lake, Louisiana, July 1997.
28. Bathymetric Survey and Physical and Chemical-Related Properties of Cypress Bayou Reservoir, Louisiana, October 1997 and August and September 1998.
29. Bathymetric Survey of Cross Lake, Caddo Parish, Louisiana, April through June 1996.
30. Hydrologic Framework and Potentiometric Surface of the Williamson Creek Aquifer "B" Sand in the Fort Polk Area, Vernon Parish, Louisiana, March 1997.
31. Potentiometric Surface of the Chicot Aquifer System in Southwestern Louisiana, June 2000. (Louisiana Groundwater Map no. 12).
32. Hydrogeology and Potentiometric Surface, October 1996, of the Sparta Aquifer in Northern

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- Louisiana. (Louisiana Groundwater Map no. 13). (3 sheets)
33. Potentiometric Surface of the "1,200-Foot" Sand of the Baton Rouge Area, Louisiana, Spring 2001. (Louisiana Groundwater Map no. 15). (2 sheets)
 34. Potentiometric Surface of the "1,500-Foot" Sand of the Baton Rouge Area, Louisiana, Spring 2001. (Louisiana Groundwater Map no. 16). (2 sheets)
 35. Bayou Spillway Anacoco Outfall Channel: Louisiana Dept. of Public Works, 1958.
 36. Basin 1 Atchafalaya: Stream Segments. 1978.
 37. Basin 1 Atchafalaya: Monitoring Stations. 1978.
 38. Basin 5 Mermentau (Vermilion Teche): Monitoring Stations. 1978. (2 copies)
 39. Basin 5 Mermentau (Vermilion Teche): Stream Segments. 1978.

III. U.S. GEOLOGICAL SURVEY. SCIENTIFIC INVESTIGATIONS REPORTS. MAPS.

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1. Louisiana Groundwater Map No. 18: Potentiometric Surface, 2003, Jasper Aquifer System in West-Central Louisiana.
2. Louisiana Groundwater Map No. 17: Generalized Potentiometric Surface of the Kentwood Aquifer System and the "1,500-foot" and "1,700-foot" Sands of the Baton Rouge Area in Southeastern Louisiana, March-April 2003.
3. Louisiana Groundwater Map No. 19: Potentiometric Surface of the "2,400-foot" Sand of the Baton Rouge Area, May-June 2002.
4. Louisiana Groundwater Map No. 20: Potentiometric Surface of the "2,000-foot" Sand of the Baton Rouge Area, Louisiana, May-June 2002.
5. Louisiana Groundwater Map No. 21: Generalized Potentiometric Surface of the Evangeline Aquifer in South-Central Louisiana, January-March 2004.
6. State of Louisiana: Highlighting Low-Lying Areas Derived from USGS Digital Elevation Data, 2008.
7. Saint Landry Parish: Existing Water & Sewer Facilities, 1967.

IV. RED RIVER HYDROGRAPHIC SURVEY VOLUME I & II

F. 9a

1. Red River Hydrographic Survey Volume I Index, Arkansas to Coushatta, Louisiana Mile 221 to Mile 431. Pages 1-113, 1967-1969.

F. 9b

1. Red River Hydrographic Survey Volume II Index, Coushatta, Louisiana to Old River Including Old River Control Outflow Channel Mile 7 (Three Rivers) to Mile 221. Pages 114-2019, 1965-1968.

V. MAPS OF RED RIVER (1958)

F. 10

1. U. S. Army Engineer District, New Orleans Corps of Engineers Index I
2. U. S. Army Engineer District, New Orleans Corps of Engineers Index II
3. U. S. Army Engineer District, New Orleans Corps of Engineers Index III
4. U. S. Army Engineer District, New Orleans Corps of Engineers Index IV
5. U. S. Army Engineer District, New Orleans-Arkansas-Texas (map no.1)
6. U. S. Army Engineer District, New Orleans-Fulton, Ark. (map no.2)
7. U. S. Army Engineer District, New Orleans-Boyd Hill, Ark. (map no.3)
8. U. S. Army Engineer District, New Orleans-Garland City, Ark. (map no.4)
9. U. S. Army Engineer District, New Orleans-Spring Bank, Ark. (map no.5)
10. U. S. Army Engineer District, New Orleans-Hosston, LA (map no.6)
11. U. S. Army Engineer District, New Orleans-Belcher, LA (map no.7)
12. U. S. Army Engineer District, New Orleans-Shreveport, LA (map no.8)
13. U. S. Army Engineer District, New Orleans-Caspiana, LA (map no.9)

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14. U. S. Army Engineer District, New Orleans, East Point, LA (map no.10)
15. U. S. Army Engineer District, New Orleans, Coushatta, LA (map no.11)
16. U. S. Army Engineer District, New Orleans, Lake End, LA (map no.12)
17. U. S. Army Engineer District, New Orleans, Campti, LA (map no.13)
18. U. S. Army Engineer District, New Orleans, Natchitoches, LA (map no.14)
19. U. S. Army Engineer District, New Orleans, Cypress, LA (map no.15)
20. U. S. Army Engineer District, New Orleans, Aloha, LA (map no.16)
21. U. S. Army Engineer District, New Orleans, Colfax, LA (map no.17)
22. U. S. Army Engineer District, New Orleans, Boyce, LA (map no.18)
23. U. S. Army Engineer District, New Orleans, Alexandria, LA (map no.19)
24. U. S. Army Engineer District, New Orleans, Latanier, LA (map no.20)
25. U. S. Army Engineer District, New Orleans, Echo, LA (map no.21)
26. U. S. Army Engineer District, New Orleans, Lake Long, LA (map no.22)
27. U. S. Army Engineer District, New Orleans, Black River, LA (map no.23)
28. U. S. Army Engineer District, New Orleans, Old River, LA (map no.24)

[Rev. June 2019]