

TIDE-122

New Orleans & Hurricanes

Tulane University

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New Orleans Map Exercise

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An understanding of New Orleans' hurricane history, the Katrina disaster, and the future of New Orleans, depends on being well acquainted with geographic features such as water features (like lakes, canals, and bayous), topographic features (mainly ridges), and place names. This exercise should help you become acquainted with these important features.

The exercise involves finding these features on maps. In particular you will download two maps that are in the following Microsoft Powerpoint file - [NewOrleansMapExercise.ppt](#). They are labeled as Map 1 and Map 2. Maps at two different scales are required in order to show all the features. You are then to use Microsoft powerpoint to label the locations of each of the features asked for on each map (listed below). You can use any source to find the features. The library has a map section that you could use, but you should also be able to find all locations and plot them on your maps using the internet. If you have Google Earth installed on your computer, that would be a good place to start. Other sites, like Yahoo Maps or Google Maps should also be helpful. Note also that there are maps in some of the assigned reading material that will give you clues to locations. You will likely need to look at more than one source to complete the assignment. If you have trouble finding a feature, don't be afraid to send an email to request a hint.

Try to make a neat map with no overlapping text. In many cases it will be necessary to type in a label then draw an arrow pointing to the feature (using the drawing tools in Powerpoint). In other cases, it may be necessary to draw in the boundaries of the feature and either put the label inside the boundary or, if it won't fit inside, put the label outside and draw an arrow.

Try to choose a font size and style that is readable without having to use magnification. You may want to use different size fonts for larger features and smaller features. Again try to make things as neat as possible.

After you download the Powerpoint file rename it with your own name somehow occurring in the filename. When you are done, you can turn in the assignment by sending the file to the instructor by email or bringing it to class on a USB drive so it can be transferred to the instructors computer.

You should be able to find all 50 features listed below (some are duplicates and plot on both maps). You will be awarded 1 point for successfully locating and labeling each feature on the maps for a total of 50 points. Another 10 possible points will be awarded for neatness.

Again, this is not a test, so don't be afraid to ask for help if you need it.

Map 1

Water Features

17th St. Canal
Bayou Bienvenu
Bayou Sauvage
Bayou St. John (you need to draw this in)
Chef Menteur Pass
Harvey Canal
Industrial Canal (also known as the Inner Harbor Navigation Canal or IHNC)
Intracoastal Waterway (east of New Orleans)
Intracoastal Waterway (south of Mississippi River)
Lake Borgne
Lake Pontchartrain
London Ave. Canal
Michoud Canal
Mississippi River
Mississippi River – Gulf Outlet
Orleans Canal

Topographic Features

Bayou La Loutre Ridge
Bayou Des Familles Ridge
Esplanade Ridge
Gentilly Ridge
Metairie Ridge
Mississippi River Natural Levee

Places of Interest

Algiers Point
Audubon Park (show approximate boundaries)
Broadmoor (show approximate boundaries)
Chalmette (show approximate boundaries)
City Park (show approximate boundaries)
French Quarter (show approximate boundaries)
Lakefront Airport
Lower 9th Ward (show approximate boundaries)
New Orleans East (show approximate boundaries)
New Orleans Fairgrounds (location of Jazz Fest)
Tulane University Uptown Campus (show approximate boundaries)

Map 2

Water Features

Bonnet Carrie Spillway (show approximate boundaries)
Industrial Canal (also known as the Inner Harbor Navigation Canal or IHNC)
Intracoastal Waterway
Lake Borgne
Lake Cataouatche
Lake Maurepas
Lake Pontchartrain
Lake Salvador
Mississippi River
Mississippi River – Gulf Outlet (MR-GO)
The Rigolets

Topographic Features

Bayou La Loutre Ridge
Bayou Les Families Ridge
Esplanade Ridge
Gentilly Ridge
Metairie Ridge
Mississippi River Natural Levee

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