

What is the City of Hurst Interactive Map?

GIS is a computer based tool for mapping and analyzing things which have a location. Searches can be performed to locate parcels by either entering an address or pointing and clicking on the map itself. Using a variety of tools you will be able to zoom and pan around the map, print your own maps to scale and measure distances. You can choose the information that you wish to display on your map and even customize it with labels and a title. Once you have created a map you have the option to print, email and/or export the map.

Flexibility is incorporated into the GIS, allowing for information to be updated and modified. Historical data can also be stored and compared to current data. For example you can view current aerial photography or view aerial photography that was taken in 2009. Whether used to compare historical data or identify current parcel characteristics the City of Hurst Interactive Maps is useful for retrieving information.

To learn about using the Interactive Map please consult the following guidelines. Items are grouped, as follows, by the location they are found on the screen.

1. **Above the Map**

2. **On the Map**

3. **To the Right of the Map** *
(A., B. &C.)

1. Above the Map	
2. On the map MAP	3.A.*
	3.B.*
	3.C.*

1. Tabs located Above the Map can be used at any time and perform the following functions:

Zoom In/Out by clicking on this tab first and then click and drag to highlight the area you want to zoom in to or out from.

Pan to adjust which portion of the map is visible on the screen.

Full Extent will return you to the initial view of the map.

Previous Extent or **Next Extent** to move back or forward through the various maps and queries viewed.

Print/Export a Map. –

- To Print and/or Export the map you must first save it as a .PDF file.
- Prior to clicking on the **GET PDF** button you can change the Title of your Map. The default title is “City of Hurst”.
- Choose to open or save your .pdf.

Email Map to create a hyper link to the particular map extent and send via your own personal email account.

Query Map is used to find information about a specific point on the map such as Address, Account Number, Zoning Classification, Census Figures and Tarrant County Appraisal District information.

- First click on the **Query Map** tab and then click on the map.
- A window will open on the left side of the screen with the Query Results.
- Within the Query Results Window, in addition to the information displayed there are links to additional websites.
 - A link to the Tarrant County Appraisal District information for the parcel can be accessed by clicking on “More Information” text located under the Parcel Information.
 - A link to the North Central Texas Council of Governments (NCTCOG) can be accessed for information regarding the 2000 Census Sample Data.

2. Tool Bars located On the Map perform the following functions:

Aerial, Roads & Hybrid Toolbar The toolbar located in the top right corner of the map can be used to alternate between “Street” view and “Aerial” view. Selecting “Hybrid” will overlay the streets map onto the aerial view.

To display Aerials from previous years go to the Map Contents window, located in to the right side of the map. Check the box next to “2009 Regional Aerials”.

Scale Toolbar Adjust the scale of the map using the toolbar on the upper left side of the map. Place the cursor on the arrow and slide it up towards the “+” to view the map at a greater scale and slide the arrow down towards the “-“ to view the map at a smaller scale.

3. Within the window located To the Right of the Map (A, B, & C) are several options for obtaining additional information and having it display on the map.

3.A. Locate a Parcel & Label the Location

Use this function to locate a parcel if you have an address. Type the address information in the window and click . Using a specific address, such as , inclusive of the city, state or zip code information is recommended.

Labeling the location is optional. To do so type the information in the space provided. Click the button to display the text on the map. For example if you wish to identify the above parcel type to label the parcel.

3. B. Display additional information

Map Contents Tab:

Basemaps

Point and Click the “+” sign to the left of the word “Basemaps” to display all available layers.

Placing a check mark in the box next to an item will display that information on the screen. If the box is checked the information will become visible on the map. To remove the information click on the box again. If the box is empty that information will not be visible on the map.

- | | | |
|--|--|--------------------------------------|
| <input type="checkbox"/> City Limits | <input type="checkbox"/> Thoroughfare Plan | <input type="checkbox"/> Vacant Land |
| <input type="checkbox"/> Parcels | <input type="checkbox"/> School Districts | <input type="checkbox"/> Hydrants |
| <input type="checkbox"/> Planned Development | <input type="checkbox"/> 2009 FEMA Floodplain(DFIRM) | <input type="checkbox"/> Facilities |
| <input type="checkbox"/> Zoning (outline) | <input type="checkbox"/> Buildings | |
| <input type="checkbox"/> Zoning (shaded) | <input type="checkbox"/> Subdivision/Additions | |

Click on the small arrow “>” to the right of the word “Basemaps” to display a slider that will adjust the transparency of the layers.

Contours

To view the Contour lines on the map, click on the empty box. Clicking on the “+” next to the word “Contour” will show which elevation is available based on the scale you are viewing the map. Uncheck the box to remove the elevations.

- 2 foot elevations**
- 10 foot elevations**
- 100 foot elevations**

The scale at which you are viewing the map contour lines will determine which elevations can be viewed. Zooming in on the map will allow you to display the smaller elevations of 2 foot or 10 foot.

If contour lines are available you will be able to place a check in the box located to the left of the elevation. To remove the elevation layer uncheck the box .

View the 2009 Aerials To display the 2009 Aerials click on the empty box. If this is not selected and you use the Aerial Toolbar, on the map, the most current version of Aerial photography will display.

3.C. Obtain Coordinates and Measurements

Tools Tab:

Clicking on this tab will display three measuring tools.

- Get Coordinates of a Point
- Measure Distance
- Measure Area

Additional Information about The City of Hurst Interactive Maps

What is scale?

The ratio or relationship between a distance or area on a map and the corresponding distance or area on the ground commonly expressed as a fraction or ratio.

What is a “layer” in GIS?

A layer is defined as the visual representation of a geographic dataset in any digital map environment.

Can I adjust the transparency of the Basemaps, Contour and 2009 Aerial Layer?

Yes. Point and Click the “▶” located to the right of the Basemaps, Contours and 2009 Aerial Layers to display a slider that will adjust the transparency of the layers.

Can I view or activate multiple layers at once?

Yes, you can activate multiple layers to display on the map simultaneously.

Where can I obtain additional online Census information?

Find additional Census data at www.nctcog.org/ris/census/2010 or by selecting any of the links under 20000 Census Sample Data located in the Query window.

Where can I obtain additional Tarrant County property information?

The Tarrant County Appraisal District Website is www.tad.org.

Why does certain text show up in gray within the Map Contents window? (example 2 foot)

It is because of the scale at which you are viewing the map. Adjust the scale, i.e. zoom to a specific area or parcel and you should see the text turn black. Once the text is black you will be able to select and display the item.