

WATCHING OVER TEXAS FROM SPACE

An Earth Observations education resource for grades 4 -12 in support of TEKS covering
Earth Science and Environmental Science Standards

Developed by TexasView with support from Grant Number G14AP00002 from the Department of the Interior,
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3.2 Find It!

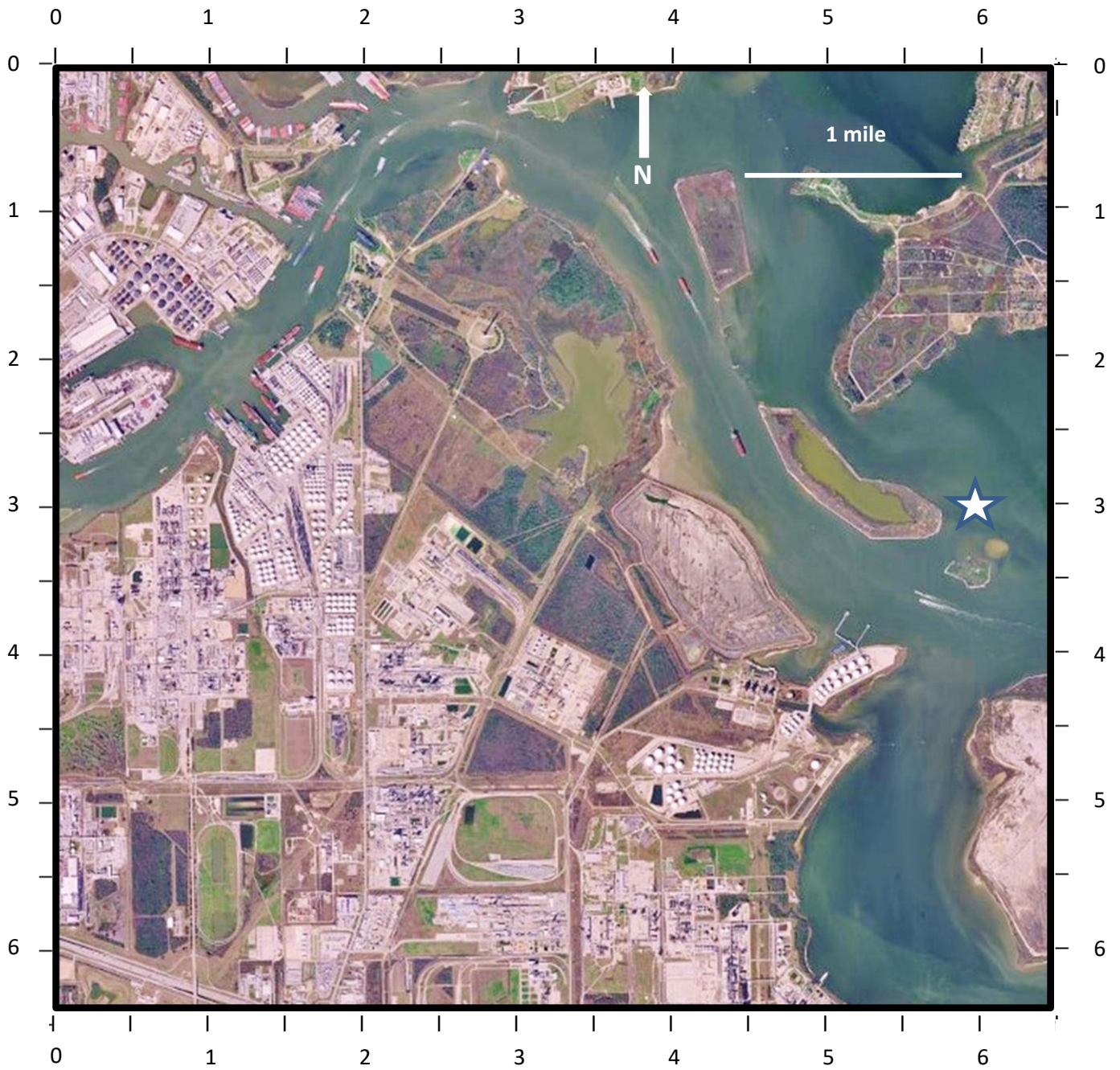
Instructions: On the following page, you will find an image of the Houston Ship Channel near Baytown, Texas.

Inserted in the image are a north arrow and a scale (top right of the image). A geographic grid also surrounds the image (location coordinates are given with the X-axis first, followed by the Y-axis, (e.g. the white star on the east side of the image is located at coordinate 6.0, 3.0). These geographic references will help you to locate objects on the image described in the exercise. You will find specific natural and man-made objects within the image area.

Key Phrase correlations: **Recognize landforms/land features;**
Interpret Earth's surface using a variety of methods (select "view larger map" tab to access multiple resolutions of imagery and topographic maps); **Impact of humans on Earth's subsystems;** **Use of resources: impacts on Earth's systems.**

Key word correlations: **Channels; islands; satellite and aerial imagery; topographic maps; development.**

FIND IT! Houston Ship Channel, Texas



EXERCISE (locate the described features)

1. **At the end of a north-northeast trending, 1-mile-long road, a circular road surrounds a tall white object that casts a northeast-trending shadow.**
 - a. 2.7, 1.7
 - b. 1.6, 3.0
 - c. 1.2, 2.6
 - d. 1.5, 3.9
2. **Several red ships are docked along the waterfront of a northeast-trending channel.**
 - a. 4.0, 0.2
 - b. 1.2, 2.0
 - c. 6.4, 4.9
 - d. 3.5, 3.5
3. **14 round, white objects (8 large; 6 small) cluster together on a northeast-trending peninsula extending into the bay.**
 - a. 6.4, 5.2
 - b. 1.4, 1.2
 - c. 3.3, 4.3
 - d. 5.2, 4.0
4. **Two moving red ships with white wakes (northwest-trending white streaks) converge west of a north- northwest-trending island.**
 - a. 3.5, 4.2
 - b. 4.0, 1.3
 - c. 3.3, 2.0
 - d. 4.0, 1.7
5. **An oval feature (north-south long-axis length ½ mile) to the east of a wooded area (dark green on the image) is centered at _____.**
 - a. 0.5, 0.1
 - b. 3.2, 4.2
 - c. 2.2, 6.0
 - d. 1.1, 5.5

Source: Texas Watershed Viewer.

<https://tpwd.maps.arcgis.com/apps/Viewer/index.html?appid=2b3604bf9ced441a98c500763b8b1048>, accessed January 20, 2017. Search key words San Jacinto State Park.