

September October 2017 Re-Classification

Line Frames 1-13 (Maps ID: 2017 MSP

09/17)

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What does this data set describe?

Title:

September October 2017 Re-Classification Line – Frames 1-13 (Map ID: 2017 MSP 09/17)

Abstract:

This map is the official record of the Molluscan Shellfish Program's seasonal classification and was used to enforce shellfish harvest during the designated season-year unless otherwise amended by official notice.

Shellfish growing waters occur throughout much of the Louisiana coastline. To cover this large expanse at a moderate scale, the coastal area has been segmented into 13 map frames. For each seasonal reclassification, 13 maps frames are produced. Accordingly, each seasonal reclassification map set will consist of 13 metadata records that are identical except for their spatial extent.

Supplemental_Information:

The background image was created for the Louisiana Molluscan Shellfish Program (MSP) for seasonal classification maps. The image is a composite of mosaicked Landsat 8 scenes captured between Nov. 1 and 28, 2014. The composite image was created from bands 5, 6, and 4 (RGB) to create an image distinguishing the land-water interface. The image is cropped to the buffered map frames used by the MSP for production of seasonal classification maps.

1. How should this data set be cited?

Louisiana Department of Health, Office of Public Health, Center for Environmental Health Services, September-October 2017 Re-Classification Line - Frames 1-13 (Map ID: 2017 MSP 09/17).

Online Links: [<http://www.dhh.louisiana.gov/offices/?ID=214>]

2. What geographic area does the data set cover?

West_Bounding_Coordinate: -93.92

East_Bounding_Coordinate: -88.69

North_Bounding_Coordinate: 30.22

South_Bounding_Coordinate: 28.98

3. What does it look like?

A map of molluscan shellfish growing waters across coastal Louisiana.

4. Does the data set describe conditions during a particular time period?

Beginning_Date: 01-September-2017

Ending_Date: 31-October-2017

Currentness_Reference: September
October 2017

5. What is the general form of this data set?

Geospatial_Data_Presentation_Form: map

6. How does the data set represent geographic features?

a. How are geographic features stored in the data set?

This is a Raster data set. It contains the following raster data types:

- Dimensions 9661 x 12877 x 1, type Pixel

b. What coordinate system is used to represent geographic features?

Grid_Coordinate_System_Name: Universal Transverse Mercator

Universal_Transverse_Mercator:

UTM_Zone_Number: 15

Transverse_Mercator:

Scale_Factor_at_Central_Meridian: 0.999600

Longitude_of_Central_Meridian: -93.000000

Latitude_of_Projection_Origin: 0.000000

False_Easting: 500000.000000

False_Northing: 0.000000

Planar coordinates are encoded using row and column

Abscissae (x-coordinates) are specified to the nearest 5.000000

Ordinates (y-coordinates) are specified to the nearest 5.000000

Planar coordinates are specified in meters

The horizontal datum used is North American Datum of 1983.

The ellipsoid used is Geodetic Reference System 80.

The semi-major axis of the ellipsoid used is 6378137.000000.

The flattening of the ellipsoid used is 1/298.257222.

Who produced the data set?

1. **Who are the originators of the data set?** (may include formal authors, digital compilers, and editors)
 - Louisiana Department of Health, Office of Public Health, Center for Health Services, Molluscan Shellfish Program
2. **Who also contributed to the data set?**
 - The background images were obtained from the USGS EarthExplorer (<http://earthexplorer.usgs.gov/>) and processed by Quantitative Ecological Services, Inc.
3. **To whom should users address questions about the data?**

Louisiana Department of Health, Office of Public Health, Center for Health Services, Molluscan Shellfish Program

c/o Gordon LeBlanc
Administrator
628 N. 4th St.
Baton Rouge, Louisiana 70821
United States

Toll Free Information Hotline 1-800-256-2775

225-342-7539 (voice)
225-342-7607 (FAX)
gordon.leblanc@la.gov

Hours_of_Service: Monday-Friday, 7:00am-5:30pm, Central
Standard Time

Why was the data set created?

The seasonal re-classification lines identify areas that are open or closed for harvest of shellfish during the designated season-year.

How was the data set created?

1. From what previous works were the data drawn?

The background image was processed by converting the original Landsat 8 L1T scenes (LC80210392014332LGN00, LC80210402014332LGN00, LC80220392014323LGN00, LC80220402014323LGN00, LC80230402014330LGN00) to reflectance with solar elevation angle corrections, then pan-sharpening from 30 m to 15 m resolution, then mosaicking the images into the final MSP map frames.

2. How were the data generated, processed, and modified?

Seasonal reclassifications lines are drawn four times per year.

Person who carried out this activity:

Louisiana Department of Health, Office of Public Health, Center
for Health Services, Molluscan Shellfish Program
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How reliable are the data; what problems remain in the data set?

1. How well have the observations been checked?

Classification designations are accurate. Place names are based on US Geological Survey 1:100,000 scale topographic map.

2. How accurate are the geographic locations?

The geographic location of classification lines are accurate to plus or minus 33 meters.

3. How accurate are the heights or depths?

Not Applicable

4. Where are the gaps in the data? What is missing?

This map is the official record of the Molluscan Shellfish Program's seasonal classification during the designated season-year unless otherwise amended by official notice.

5. How consistent are the relationships among the observations, including topology?

These data are logically consistent.

How can someone get a copy of the data set?

1. Are there legal restrictions on access or use of the data?

Access_Constraints:

These data are intended to be distributed by the MSP to others. It is strongly recommended that these data be directly acquired from the distributor described above or from another distributor authorized by the Louisiana Department of Health and not indirectly through other sources which may have changed the data in some way. The distributor makes no claims as to the data's suitability purposes other than those described herein.

Use_Constraints:

Acknowledgement of the Louisiana Department of Health Molluscan Shellfish Program as the data source would be appreciated in products developed from these data, and such acknowledgment as is standard for citation and legal practices for data source is expected by users of this data. Users should be aware that comparison with other data sets for the same area from other time periods may be inaccurate due to inconsistencies resulting from changes in mapping conventions, data collection, and computer processes over time. The distributor shall not be liable for improper or incorrect use of this data, based on the description of appropriate/inappropriate uses described in this metadata document. These data are not legal documents and are not to be used as such. This map is not intended for navigational purposes.

2. Who distributes the data set?

Louisiana Department of Health, Office of Public Health, Center
for Health Services, Molluscan Shellfish Program
c/o Gordon LeBlanc
Administrator
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Baton Rouge, Louisiana 70821
United States

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3. What's the catalog number I need to order this data set?

Indicate the season-year and map frame of interest.

4. What legal disclaimers am I supposed to read?

The data herein, including but not limited to geographic data, tabular data, analytical data, electronic data structures or files, are provided "as is" without warranty of any kind, either expressed or implied, or statutory, including, but not limited to, the implied warranties or merchantability and fitness for a particular purpose other than the purpose stated herein. The user assumes the entire risk as to the quality and performance of the data. No guarantee of accuracy is granted, or is any responsibility for reliance thereon assumed. In no event shall the Louisiana Department of Health (LDH) be liable for direct, indirect, incidental, consequential or special damages of any kind, including, but not limited to, loss of anticipated profits or benefits arising out of use of or reliance on the data. The LDH does not accept liability for any damages or misrepresentation caused by inaccuracies in the data or as a result of changes to the data caused by system transfers or other transformations or conversions, nor is there responsibility assumed to maintain the data in any manner or form. These data have been developed from the best available sources. Although efforts have been made to ensure that the data are accurate and reliable, errors and variable conditions originating from physical sources used to develop the data may be reflected in the data supplied. Users must be aware of these conditions and bear responsibility for the appropriate use of the information with respect to possible errors, scale, resolution, rectification, positional accuracy, development methodology, time period, environmental and climatic conditions and other circumstances specific to these data. The user is responsible for understanding the accuracy limitations of the data provided herein. The burden for determining fitness for use lies entirely with the user. The user should refer to the accompanying metadata notes for a description of the data and data development procedures. Although these data have been processed successfully on computers at the LDH, no guarantee, expressed or implied, is made by LDH regarding the use of these data on any other system, nor does the act of distribution constitute or imply any such warranty. Distribution of these data is intended for information purposes and should not be considered authoritative for navigational, engineering, legal and other site-specific uses. It is also strongly recommended that careful attention be paid to the contents of the metadata file associated with these data. Any downloading and use of these data signifies a user's agreement to comprehension and compliance. Insure all portions of metadata are read and clearly understood before using these data.

5. How can I download or order the data?

- **Availability in digital form:**

Data format: Portable Document Format (.pdf)

- **Cost to order the data:** There are currently no costs to acquire Molluscan Shellfish Data.
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Who wrote the metadata?

Dates:

Last modified: 14-August -2017

Last Reviewed: 14-August -2017

Metadata author:

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for Health Services, Molluscan Shellfish Program
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Metadata standard:

FGDC Content Standards for Digital Geospatial Metadata (FGDC-STD-001-1998)
