

Elementary School Districts: Howard County, Maryland

Metadata also available as

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What does this data set describe?

Title: Elementary School Districts: Howard County, Maryland

Abstract:

Elementary school district boundaries determines the public elementary school a prospective Howard County student is to attend. Students attend a school based on the region or district they live in.

Supplemental_Information:

The school districts are created based on the property boundary GIS layer.

1. How should this data set be cited?

Howard County Government. Howa, Maryland. Department of Technology and Co, 2005/08/31, Elementary School Districts: Howard County, Maryland: Not Applicable Not Applicable, Howard County Government. Howard County, Maryland. Department of Technology and Communications, The Geographic Information Systems (GIS) Division., Howard County, Maryland.

Online Links:

- o None

2. What geographic area does the data set cover?

West_Bounding_Coordinate: -077.1875

East_Bounding_Coordinate: -076.6930

North_Bounding_Coordinate: +39.3683

South_Bounding_Coordinate: +39.1038

3. What does it look like?

Unavailable (Unavailable)

Unavailable

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

Calendar_Date: 2005

Time_of_Day: Unknown

Currentness_Reference:

The school boundaries are based on the district locations for the school year 2005/2006.

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

Geospatial_Data_Presentation_Form: Map: Vector Digital Data

6. How does the data set represent geographic features?

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

Indirect_Spatial_Reference:

Howard County, Maryland 2004 includes portions of Interstate 70 (RT 70), 95 (RT 95), 895 (RT 895), and Route 1 (Washington BLVD).

This is a Vector data set. It contains the following vector data types (SDTS terminology):

- g-polygon (38)

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

The map projection used is Lambert Conformal Conic.

Projection parameters:

Standard_Parallel: 38.300000

Longitude_of_Central_Meridian: -77.000000

Latitude_of_Projection_Origin: 37.666667

False_Easting: 1312333.333000

False_Northing: 0.000000

Planar coordinates are encoded using coordinate pair

Abscissae (x-coordinates) are specified to the nearest 0.000256

Ordinates (y-coordinates) are specified to the nearest 0.000256

Planar coordinates are specified in U.S. Foot

The horizontal datum used is North American Datum of 1983.

The ellipsoid used is Geodetic Reference System of 1980.

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

The flattening of the ellipsoid used is 1/298.257222.

7. How does the data set describe geographic features?

Elementary District

Elementary Boundary (Source: User Defined)

FID

Internal Feature Number (Source: ESRI)

Range of values	
Minimum:	0
Maximum:	0 - 29 (30)(The total number of districts)

Shape

Feature Geometry (Source: ESRI)

Formal codeset	
Codeset Name:	Polyline
Codeset Source:	ESRI

EL_HOME

School District Name (Source: ESRI)

Formal codeset	
Codeset Name:	Shape
Codeset Source:	ESRI

EL_REGION

Region in Howard County (Source: ESRI)

Formal codeset	
Codeset Name:	Shape
Codeset Source:	ESRI

Who produced the data set?

1. **Who are the originators of the data set?** (may include formal authors, digital compilers, and editors)

- Howard County Government. Howard County, Maryland. Department of Technology and Communications, The Geographic Information Systems (GIS) Division.

2. Who also contributed to the data set?

Howard County GIS Division, Howard County Public Schools

Please see the lineage section of the metadata to see a detailed list of the data set creation and the parties responsible.

3. To whom should users address questions about the data?

Robert Slivinsky
Howard County GIS Division
GIS Analyst
3450 Court House Dr
Ellicott City, MD 21043
United States

410-313-3094 (voice)
410-313-3211 (FAX)
rslivinsky@co.ho.md.us

Hours_of_Service: 7:30am - 4:30pm, Monday through Friday

Contact_Instructions: The contact person may be emailed or phoned.

Why was the data set created?

This file was originally created for map creation, planning and analysis purposes for Howard County Government and the Howard County Government and school system.

How was the data set created?

1. From what previous works were the data drawn?

HOCOGIS (source 1 of 2)

Howard County Government. Howa, Maryland. Department of Technology and Co, 1996/01/01, Elementary School Districts: Howard County Government. Howard County, Maryland. Department of Technology and Communications, The Geographic Information Systems (GIS) Division., Howard County, Maryland.

Type_of_Source_Media:

CD-Rom Floppy Disk

Source_Scale_Denominator: 2400

Source_Contribution:

The Howard County GIS Division created the file based on the school board's districts

HoCoSchools (source 2 of 2)

Howard County Public Schools. , Maryland., 2004, Elementary School Districts: Howard County Public Schools. The Board of Eductation. Howard County, Maryland., Howard County, Maryland.

Type_of_Source_Media: disc

Source_Scale_Denominator: 2400

Source_Contribution: District decision making and layer modification

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

Date: 2000 (process 1 of 5)

Digitizing/GIS Division/September, 2000

Event 1: The GIS division received the paper maps of the Elementary Districts from the council offices. Using the digital Centerline as a basemap the Elementary Districts were created by following the paper map Elementary District boundary lines.

Person who carried out this activity:

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Hours_of_Service: 8:00am - 5:00pm

Contact_Instructions: Phone Call

Data sources used in this process:

- HoCoGIS

Data sources produced in this process:

- HoCoGIS

Date: 2000 (process 2 of 5)

Data implementation/GIS Division/September, 2000

After the creation of the vector map, each district was assigned an Elementary district name according to the paper map.

Person who carried out this activity:

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Hours_of_Service: 8:00am - 5:00pm

Contact_Instructions: Phone Call

Data sources used in this process:

- HoCoGIS

Data sources produced in this process:

- HoCoGIS

Date: 2000 (process 3 of 5)

Quality Check/Council Office/September, 2000

Event 3. The new Elementary District map was printed including the annotation of each

district name. This map was given to the council office. The council office thoroughly examined each district and district name against the original paper map source. Any errors were noted and corrected.

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Hours_of_Service: 8:00am - 5:00pm

Contact_Instructions: Phone Call

Data sources used in this process:

- HoCoGIS

Data sources produced in this process:

- HoCoGIS

Date: 2002 (process 4 of 5)

Rectification to Property Boundaries/GIS Division/July 2002

The GIS division received the latest boundaries from the school. The boundary was then compared to the GIS Division's property boundary and centerline. The properties within each boundary were queried and combined. The file was then QC' by the GIS division along the boundary lines to insure accuracy. The file still needs to be Quality Controlled by the Board of Ed

Person who carried out this activity:

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rslivinsky@co.ho.md.us

Hours_of_Service: 8:00am - 5:00pm

Contact_Instructions: Phone Call

Data sources used in this process:

- HoCoGIS

Data sources produced in this process:

- HoCoGIS

Date: 2002 (process 5 of 5)

Modified and Maintained/Board of Education/December 2002

The Board of Education modified the districts for redistribution of students based on new schools and growing population. The file is now maintained using ArcView 3.2.

The school districts are modified before the start of the new school year.

Person who carried out this activity:

Larry Weaver
Howard County Board of Education / Geographic Information Systems
GIS Specialist
10910 Clarksville Pk
Ellicott City, MD 21042
United States

(410) 313-5672 (voice)
(410) 313-6683 (FAX)
lawrence_weaver@hcpss.org

Hours_of_Service: 8:00am - 5:00pm

Contact_Instructions: Phone Call

Data sources used in this process:

- HoCoSchools

Data sources produced in this process:

- HoCoSchools

3. **What similar or related data should the user be aware of?**

Howard County Geographic Information Systems Division, 20031001, Elementary School Districts: School Districts 2004 Version, Howard County Geographic Information Systems (GIS) Division, Howard County Government.

Online Links:

- Unavailable

Other_Citation_Details: Created by viewing a version generated by the school board.

How reliable are the data; what problems remain in the data set?

1. **How well have the observations been checked?**

Quality control performed by Howard County Public Schools

2. **How accurate are the geographic locations?**

The scale of the centerline is 1:2400 or 1"=200' based on the source property layer.

3. **How accurate are the heights or depths?**

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

The data set is complete and is based on the school board redistricting group before the start of the school year.

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

Only visual checks. There are no other qc processes.

How can someone get a copy of the data set?

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

Access_Constraints: This data set is not available to the general public.

Use_Constraints: Users must sign and adhere to a license agreement.

1. Who distributes the data set? (Distributor 1 of 1)

Robert Slivinsky
Howard County, GIS Division
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rslivinsky@co.ho.md.us

Hours_of_Service: 7:30am-4:30pm

Contact_Instructions: Phone call or email

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

Offline Data

3. What legal disclaimers am I supposed to read?

The distributor assumes no liability. A license agreement must be signed before taking delivery of the data. Please see the license agreement for detailed liability information.

4. How can I download or order the data?

o Availability in digital form:

Data format: ESRI .shp (version 8.3) Size: .36

Media you can order: CD-ROM (format Compressed Zip (ESRI .shp))

- **Cost to order the data:**

Not publicly available. No fee charged to other Federal, State, County, other local or educational entities.

- **Special instructions:**

A Federal, State, or Local entity may call or email to request the data. A license agreement will be faxed to the user. The user must complete it, and fax it back to Howard County GIS. GIS will then email the file to the user.

- **How long will it take to get the data?**

Within a day.

5. Is there some other way to get the data?

See ordering instructions

6. What hardware or software do I need in order to use the data set?

The user must be able to operate a standard computer and know how to use ESRI software.

Who wrote the metadata?

Dates:

Last modified: 2004

Metadata author:

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Hours_of_Service: 7:30am - 4:30pm

Contact_Instructions: Phone call or email

Metadata standard:

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

Metadata extensions used:

- <http://biology.usgs.gov/fgdc.metadata/version2/>

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