

# TCEQ Air Quality Monitoring Sites

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### *Identification\_Information:*

#### *Citation:*

##### *Citation\_Information:*

*Originator:* TCEQ

*Publication\_Date:* 20140122

*Title:* TCEQ Air Quality Monitoring Sites

*Geospatial\_Data\_Presentation\_Form:* vector digital data

*Online\_Linkage:*

#### *Description:*

##### *Abstract:*

This layer contains TCEQ's currently active Air Quality Monitoring stations that operate at "fixed" sites. A fixed site is a station that has recorded data for over 90 consecutive days at the same location. All source data for this layer comes from the Air Quality System (AQS) database, which is maintained by the Monitoring Operations Division of TCEQ's Office of Air Quality. All air monitoring stations classified as "inactive" have been removed from the layer. For information on these older stations, please contact the Monitoring Operations Division. Since the previous version of this layer was released in 2003, the coordinates for several air monitoring stations have been improved using GPS equipment.

##### *Purpose:*

This layer depicts the geographic locations and selected attribute data of all TCEQ Air Quality Monitoring stations within the State of Texas. The map layer can be used to generate maps, serve as a guide to TCEQ field personnel, and be utilized to perform analysis of the dispersal of air pollutants in Texas.

##### *Supplemental\_Information:*

For hourly averages of sampling data, site photos, and other useful information about the air monitoring sites, go to: <<http://rhone.tceq.state.tx.us/>>

#### *Time\_Period\_of\_Content:*

##### *Time\_Period\_Information:*

##### *Single\_Date/Time:*

*Calendar\_Date:* 20140122

*Currentness\_Reference*: publication date

*Status*:

*Progress*: Complete

*Maintenance\_and\_Update\_Frequency*: Irregular

*Spatial\_Domain*:

*Bounding\_Coordinates*:

*West\_Bounding\_Coordinate*: -106.501712

*East\_Bounding\_Coordinate*: -93.761341

*North\_Bounding\_Coordinate*: 35.382738

*South\_Bounding\_Coordinate*: 25.892503

*Keywords*:

*Theme*:

*Theme\_Keyword*: Air Monitoring

*Theme\_Keyword*: AQS

*Theme\_Keyword*: Air Quality System

*Access\_Constraints*: None.

*Use\_Constraints*:

None. Acknowledgment of the Texas Commission on Environmental Quality would be appreciated in products derived from this dataset.

*Point\_of\_Contact*:

*Contact\_Information*:

*Contact\_Person\_Primary*:

*Contact\_Person*: James Janysek

*Contact\_Organization*: TCEQ

*Contact\_Voice\_Telephone*: 512-239-0234

*Native\_Data\_Set\_Environment*:

Microsoft Windows Vista Version 6.1 (Build 7601) Service Pack 1; ESRI ArcCatalog 9.3.1.4000

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*Data\_Quality\_Information*:

*Lineage*:

*Process\_Step*:

*Process\_Description*: Dataset copied.

*Source\_Used\_Citation\_Abbreviation*:

Server=orasdeut; Service=5151; User=gdb\_adm; Version=SDE.DEFAULT

*Process\_Date*: 20100914

*Process\_Time*: 08285800

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*Spatial\_Data\_Organization\_Information*:

*Direct\_Spatial\_Reference\_Method:* Vector  
*Point\_and\_Vector\_Object\_Information:*

*SDTS\_Terms\_Description:*

*SDTS\_Point\_and\_Vector\_Object\_Type:* Entity point  
*Point\_and\_Vector\_Object\_Count:* 248

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*Spatial\_Reference\_Information:*

*Horizontal\_Coordinate\_System\_Definition:*

*Geographic:*

*Latitude\_Resolution:* 0.000000  
*Longitude\_Resolution:* 0.000000  
*Geographic\_Coordinate\_Units:* Decimal degrees

*Geodetic\_Model:*

*Horizontal\_Datum\_Name:* North American Datum of 1983  
*Ellipsoid\_Name:* Geodetic Reference System 80  
*Semi-major\_Axis:* 6378137.000000  
*Denominator\_of\_Flattening\_Ratio:* 298.257222

*Vertical\_Coordinate\_System\_Definition:*

*Altitude\_System\_Definition:*

*Altitude\_Resolution:* 1.000000  
*Altitude\_Encoding\_Method:*  
Explicit elevation coordinate included with horizontal coordinates

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*Entity\_and\_Attribute\_Information:*

*Detailed\_Description:*

*Entity\_Type:*

*Entity\_Type\_Label:* GDB\_ADM.TCEQ\_AQS\_ACTIVE\_SITES

*Attribute:*

*Attribute\_Label:* OBJECTID  
*Attribute\_Definition:* Internal feature number.  
*Attribute\_Definition\_Source:* ESRI  
*Attribute\_Domain\_Values:*

*Unrepresentable\_Domain:*  
Sequential unique whole numbers that are automatically generated.

*Attribute:*

*Attribute\_Label:* SITE\_ID

*Attribute:*

*Attribute\_Label:* AQS\_SITE\_CD

*Attribute:*

*Attribute\_Label:* SITE\_NAME

*Attribute:*

*Attribute\_Label:* SITE\_AGE\_YR

*Attribute:*

*Attribute\_Label:* LAT\_DD

*Attribute:*

*Attribute\_Label:* LONG\_DD

*Attribute:*

*Attribute\_Label:* HORZ\_ACC

*Attribute:*

*Attribute\_Label:* HORZ\_REF

*Attribute:*

*Attribute\_Label:* HORZ\_DATE

*Attribute:*

*Attribute\_Label:* HORZ\_ORG

*Attribute:*

*Attribute\_Label:* HORZ\_METH

*Attribute:*

*Attribute\_Label:* HORZ\_DESC

*Attribute:*

*Attribute\_Label:* HORZ\_DATUM

*Attribute:*

*Attribute\_Label:* ELEVATION

*Attribute:*

*Attribute\_Label:* ELEV\_METH

*Attribute:*

*Attribute\_Label:* ELEV\_ACC

*Attribute:*

*Attribute\_Label:* ELEV\_DATUM

*Attribute:*

*Attribute\_Label:* ELEV\_ORG

*Attribute:*

*Attribute\_Label:* ELEV\_DATE

*Attribute:*

*Attribute\_Label:* ADDR\_LINE\_ONE\_TXT

*Attribute:*

*Attribute\_Label:* ADDR\_LINE\_TWO\_TXT

*Attribute:*

*Attribute\_Label:* ADDR\_CITY\_NAME

*Attribute:*

*Attribute\_Label:* ADDR\_USPS\_STATE\_CD

*Attribute:*

*Attribute\_Label:* ADDR\_ZIP\_CD

*Attribute:*

*Attribute\_Label:* ADDR\_CNTRY\_NAME

*Attribute:*

*Attribute\_Label:* AIR\_TOXICS\_VOC

*Attribute:*

*Attribute\_Label:* METEOROLOGICAL

*Attribute:*

*Attribute\_Label:* NITROGEN

*Attribute:*

*Attribute\_Label:* PM\_25

*Attribute:*

*Attribute\_Label:* ORG\_MAINT\_TYPE

*Attribute:*

*Attribute\_Label:* ORG\_MAINT\_NAME

*Attribute:*

*Attribute\_Label:* OZONE

*Attribute:*

*Attribute\_Label:* CO\_SO2\_H2S\_TNMOC

*Attribute:*

*Attribute\_Label:* PM10\_OTHER

*Attribute:*

*Attribute\_Label:* LEAD

*Attribute:*

*Attribute\_Label:* CHROMIUM\_VI

*Attribute:*

*Attribute\_Label:* SHAPE

*Attribute\_Definition:* Feature geometry.

*Attribute\_Definition\_Source:* ESRI

*Attribute\_Domain\_Values:*

*Unrepresentable\_Domain:* Coordinates defining the features.

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*Distribution\_Information:*

*Resource\_Description:* Downloadable Data

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*Metadata\_Reference\_Information:*

*Metadata\_Date:* 20121212

*Metadata\_Contact:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:*

REQUIRED: The organization responsible for the metadata information.

*Contact\_Person:* REQUIRED: The person responsible for the metadata information.

*Contact\_Address:*

*Address\_Type:*

REQUIRED: The mailing and/or physical address for the organization or individual.

*City:* REQUIRED: The city of the address.

*State\_or\_Province:* REQUIRED: The state or province of the address.

*Postal\_Code:* REQUIRED: The ZIP or other postal code of the address.

*Contact\_Voice\_Telephone:*

REQUIRED: The telephone number by which individuals can speak to the organization or individual.

*Metadata\_Standard\_Name:* FGDC Content Standards for Digital Geospatial Metadata

*Metadata\_Standard\_Version:* FGDC-STD-001-1998

*Metadata\_Time\_Convention:* local time

*Metadata\_Extensions:*

*Online\_Linkage:* <<http://www.esri.com/metadata/esriprof80.html>>

*Profile\_Name:* ESRI Metadata Profile