

TV Digital Station Transmitters

Identification Information:

Citation:

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Title: TV Digital Station Transmitters

Geospatial Data Presentation Form: vector digital data

Online Linkage: [HIFLD Open Data \(https://gii.dhs.gov/hifld/data/open\)](https://gii.dhs.gov/hifld/data/open)

Online Linkage: <http://fcc.gov/api/content.json>

Description:

Abstract: This dataset represents an extract from the Consolidated Database System (CDBS) licensed by the Media Bureau. It consists of Digital Television broadcasters, including noncommercial educational TV broadcast stations and, where indicated, low power TV and TV translator stations in the United States, its Territories and possessions. TV broadcast, low power TV, and TV translator stations are assigned channels 6 MHz wide (see Rule Part: 47 CFR Part 73 Rule Part, Subpart E - TV).

Purpose: This feature class serves as base information for use in GIS systems for general planning, analytical, and research purposes. It is not intended for engineering work or to legally define FCC licensee data or FCC market boundaries. The material in these data and text files are provided as-is. The FCC disclaims all warranties with regard to the contents of these files, including their fitness. In no event shall the FCC be liable for any special, indirect, or consequential damages whatsoever resulting from loss or use, data or profits, whether in connection with the use or performance of the contents of these files, action of contract, negligence, or other action arising out of, or in connection with the use of the contents of these files. It is known that there are some errors in the licensing information - Latitude, Longitude and Ground Elevation data as well as frequency assignment data from which these files were generated. This dataset represents Digital Television broadcasters (see Rule Part: 47 CFR Part 73 Rule Part, Subpart E - TV).

Supplemental Information: Caution should be exercised by the user of this feature class. This feature class does not contain fields of attribution for MEDS attributes of ADDRESS, ZIP, ZIP+4, COUNTY, TELEPHONE (non-PII general switchboard phone number), and COUNTY FIPS, nor does it contain other attributes to indicate tower height, tower type, whether the tower is on a building, or the tower registration number. Examination of the data also reveals uncertainty about the locational information; does the value in the CITY field represent the city where the transmitter is located or the city where the licensee is located. This uncertainty produces out-of-area results, or mismatches between CITY and the geographic coordinates of the actual point of the feature. If you are using this dataset as a shapefile, please be aware that it was converted from a Geodatabase. As a result, this shapefile may have attribution and metadata errors resulting from the conversion process. The following are known issues: null values may have been changed to 0s (zeros) or to blank values, numbers (including latitude and longitude) may have been rounded up or down, there may be issues with Unicode character strings, and time cannot be stored in a date field. Field names may have been truncated to no longer than 10 characters or completely changed, lengthy string attributes may have been truncated to 254 characters, and attribute columns may have been deleted. Shapefiles do not support coded domains and subtypes therefore the original file geodatabase attribution and metadata information for coded domains and subtypes could be incorrect or missing in the shapefile version. Please visit the

following ESRI website for more information: <http://pro.arcgis.com/en/pro-app/tool-reference/appendices/geoprocessing-considerations-for-Shapefile-output.htm>

Status:

Progress: Complete

Maintenance and Update Frequency: Daily

Spatial Domain:

Bounding Coordinates:

West Bounding Coordinate: -158.102814

East Bounding Coordinate: -64.727798

North Bounding Coordinate: 64.922202

South Bounding Coordinate: 13.431403

Keywords:

Theme:

Theme Keyword Thesaurus: None

Theme Keyword: TV

Theme Keyword: Transmitters

Theme Keyword: FCC

Theme Keyword: Station

Theme Keyword: Digital

Place:

Place Keyword Thesaurus: None

Place Keyword: United States

Place Keyword: US Virgin Islands

Place Keyword: Puerto Rico

Place Keyword: CONUS

Place Keyword: Hawaii

Place Keyword: Alaska

Place Keyword: Guam

Access Constraints: Access Constraint: None (Public Domain Information)

Use Constraints: Use Constraint: None (Public Use)

Point of Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Federal Communications Commission (FCC)

Contact Position: Senior Engineer

Data Quality Information:

Lineage:

Process Step:

Process Description:

Standardized abbreviations, punctuation and spelling in the LICENSEE and CITY fields. Updated the LONDD field to have correct negative signs for the coordinates.

Process Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: HIFLD Support Team

Entity and Attribute Information:

Detailed Description:

Entity Type:

Entity Type Label: TV Digital Station Transmitters

Entity Type Definition Source: FCC

Attribute:

Attribute Label: COUNTRY

Attribute Definition: Country

Attribute Definition Source: FCC

Attribute:

Attribute Label: Shape

Attribute Definition: Feature geometry.

Attribute Definition Source: ESRI

Attribute Domain Values:

Unrepresentable Domain: Coordinates defining the features.

Attribute:

Attribute Label: STATE

Attribute Definition: Two-digit code of the State where the transmitter is located.

Attribute Definition Source: United States Postal Service (<https://www.usps.com>)

Attribute Domain Values:

Codeset Domain:

Codeset Source: United States Postal Service (<https://www.usps.com>)

Attribute:

Attribute Label: LAT

Attribute Definition: Latitude

Attribute Definition Source: FCC

Attribute Domain Values:

Range Domain:

Range Domain Minimum: 0

Range Domain Maximum: 0

Attribute Units of Measure: Degrees Minutes Seconds

Attribute:

Attribute Label: SERVICE

Attribute Definition: Service

Attribute Definition Source: FCC

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: DD

Enumerated Domain:

Enumerated Domain Value: DX

Enumerated Domain:

Enumerated Domain Value: DC

Enumerated Domain:

Enumerated Domain Value: DT

Attribute:

Attribute Label: LATDD

Attribute Definition: Latitude (Decimal Degrees)

Attribute Definition Source: FCC

Attribute Domain Values:

Range Domain:

Range Domain Minimum: 13.4314

Range Domain Maximum: 64.9222

Attribute Units of Measure: Decimal Degrees

Attribute:

Attribute Label: HAAT

Attribute Definition: HAAT

Attribute Definition Source: FCC

Attribute:

Attribute Label: LONDD

Attribute Definition: Longitude (Decimal Degrees)

Attribute Definition Source: FCC

Attribute Domain Values:

Range Domain:

Range Domain Minimum: -64.7278

Range Domain Maximum: -158.1028

Attribute Units of Measure: Decimal Degrees

Attribute:

Attribute Label: FACID

Attribute Definition: Facility ID

Attribute Definition Source: FCC

Attribute:

Attribute Label: ERP

Attribute Definition: Effective Radiated Power

Attribute Definition Source: FCC

Attribute Domain Values:

Range Domain:

Range Domain Minimum: 0.024

Range Domain Maximum: 1000

Attribute Units of Measure: kW

Attribute:

Attribute Label: CITY

Attribute Definition: City

Attribute Definition Source: FCC

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. Note that this changes whenever the feature class is regenerated.

Attribute:

Attribute Label: FILENUM

Attribute Definition: File Number

Attribute Definition Source: FCC

Attribute:

Attribute Label: LON

Attribute Definition: Longitude

Attribute Definition Source: FCC

Attribute Domain Values:

Range Domain:

Range Domain Minimum: 0

Range Domain Maximum: 0

Attribute Units of Measure: Degrees Minutes Seconds

Attribute:

Attribute Label: LICENSEE

Attribute Definition: Licensee

Attribute Definition Source: FCC

Attribute:

Attribute Label: STATUS

Attribute Definition: Status

Attribute Definition Source: FCC

Attribute Domain Values:
Enumerated Domain:
Enumerated Domain Value: LIC
Enumerated Domain Value Definition Source: FCC

Attribute:
Attribute Label: CHANNEL
Attribute Definition: Channel
Attribute Definition Source: FCC

Attribute Domain Values:
Range Domain:
Range Domain Minimum: 2
Range Domain Maximum: 63
Attribute Units of Measure: Broadcast Channel

Attribute:
Attribute Label: CALLSIGN
Attribute Definition: Callsign
Attribute Definition Source: FCC

Distribution Information:

Distributor:
Contact Information:
Contact Organization Primary:
Contact Organization: Federal Communications Commission (FCC)
Resource Description: Downloadable Data
Distribution Liability: Distributor assumes no liability for misuse of data.
Standard Order Process:
Digital Form:
Digital Transfer Information:
Format Name: Vector Digital Data Set (Point)
Fees: None. No fees are applicable for obtaining the data set.

Metadata Reference Information:

Metadata Contact:
Contact Information:
Contact Organization Primary:
Contact Organization: Federal Communications Commission (FCC)
Contact Position: Senior Engineer
Metadata Standard Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata Standard Version: FGDC-STD-001-1998
Metadata Time Convention: local time