

# TV Digital Station Transmitters

---

## Identification Information:

### Citation:

### Citation Information:

**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 know 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