

IP2LOCATION™ IP-COUNTRY-REGION-CITY-LATITUDE-LONGITUDE-ZIPCODE-TIMEZONE-ISP-DOMAIN-NETSPEED-AREACODE-WEATHER-ELEVATION-USAGETYPE-ADDRESSTYPE-CATEGORY DATABASE

DATA FILE SPECIFICATIONS

Product:	IP2Location™ IP-Country-Region-City-Latitude-Longitude-ZIPCode-Timezone-ISP-Domain-Netspeed-AreaCode-Weather-Mobile-Elevation-Usagetype-Addresstype-Category Database [DB25]
File Name:	IP2Location_IP_Country_Region_City_Latitude_Longitude_ZIPCode_Timezone_ISP_Domain_Netspeed_AreaCode_Weather_Mobile_Elevation_Usagetype_Addresstype_Category_Specification.PDF
Total Fields:	24
Data Format Available:	<ul style="list-style-type: none"> i. CSV [Comma-Delimited ASCII] ii. BIN [IP2Location™ Binary Format]

FIELD #	FIELD NAME	DATA TYPE	FIELD DESCRIPTION
1	IP_FROM	<u>IPv4</u> DECIMAL(10) <u>IPv6</u> DECIMAL(39)	Beginning of IP address range. The data is represented in IP number ¹ format.
2	IP_TO	<u>IPv4</u> DECIMAL(10) <u>IPv6</u> DECIMAL(39)	Ending of IP address range. The data is represented in IP number ¹ format.
3	COUNTRY_CODE	CHAR(2)	Two-character country code based on ISO 3166.
4	COUNTRY_NAME	VARCHAR(64)	Country name based on ISO 3166.
5	REGION	VARCHAR(128)	Region name.
6	CITY	VARCHAR(128)	City name.
7	LATITUDE	NUMERICAL (DOUBLE)	City latitude. Default to capital city latitude if city is unknown.
8	LONGITUDE	NUMERICAL (DOUBLE)	City longitude. Default to capital city longitude if city is unknown.
9	ZIPCODE	CHAR(30)	ZIP/Postal code. Please refer to https://www.ip2location.com/zip-code-coverage for the latest coverage.
10	TIME_ZONE	VARCHAR(7)	Time zone in UTC (Coordinated Universal Time) with daylight saving time (DST).
11	ISP_NAME	VARCHAR(256)	Network provider managing the network routing policy within this network range.
12	DOMAIN_NAME	VARCHAR(128)	Domain name assigned to Internet network.
13	NETSPEED	VARCHAR(10)	Internet Connection Type (DIAL) DIAL-UP (DSL) BROADBAND/CABLE/FIBER (COMP) COMPANY/T1
14	IDD_CODE	VARCHAR(5)	The IDD prefix to call the city from another country.

FIELD #	FIELD NAME	DATA TYPE	FIELD DESCRIPTION
15	AREA_CODE	VARCHAR(30)	A varying length number assigned to geographic areas for call between cities.
16	WEATHER_STATION_CODE	VARCHAR(10)	The special code to identify the nearest weather observation station.
17	WEATHER_STATION_NAME	VARCHAR(128)	The name of the nearest weather observation station.
18	MCC	VARCHAR(256)	Mobile Country Codes (MCC) as defined in ITU E.212 for use in identifying mobile stations in wireless telephone networks, particularly GSM and UMTS networks.
19	MNC	VARCHAR(256)	Mobile Network Code (MNC) is used in combination with a Mobile Country Code (MCC) to uniquely identify a mobile phone operator or carrier.
20	MOBILE_BRAND	VARCHAR(128)	Commercial brand associated with the mobile carrier.
21	ELEVATION	NUMERICAL (INTEGER)	Average height of city above sea water in meters (m).
22	USAGE_TYPE	VARCHAR(11)	Usage type classification of ISP or company. (COM) Commercial (ORG) Organization (GOV) Government (MIL) Military (EDU) University/College/School (LIB) Library (CDN) Content Delivery Network (ISP) Fixed Line ISP (MOB) Mobile ISP (DCH) Data Center/Web Hosting/Transit (SES) Search Engine Spider (RSV) Reserved
23	ADDRESS_TYPE	VARCHAR(1)	Network addressing and routing methodology used in range. (A) Anycast (U) Unicast (M) Multicast (B) Broadcast - IPv4 Only
24	CATEGORY	VARCHAR(10)	Domain name category based on the IAB V2 classification taxonomy. Please refer IAB Categories table in https://www.ip2location.com/free/iab-categories