

## Description of fields

### TIMESTAMP

A datetime timestamp in UTC, formatted as a DBMS timestamp for the observation

### LATITUDE

The latitude in decimal degrees in accordance with the World Geodesic System (WGS 84)

### LONGITUDE

The longitude in decimal degrees in accordance with the World Geodesic System (WGS 84)

### LOCATIONSERVICE

The location service, such as GPS, that the device operating system used to determine the location of the device. This data field is often NULL.

### DEVICEADVERTISERID

The advertiser identifier of the mobile device.

### DEVICEADVERTISERIDTYPE

The advertiser identifier type for the mobile device. For Android devices, the type given is usually AAID. For iOS devices the type given is usually IDFA.

### BACKGROUND

Whether or not the app was in the foreground when the observation was made. This field is often NULL.

### IPADDRESS

The Internet Protocol (IP) address of the network end point that the device is connected to. The IP address is not always available and when it is not available, the value NULL is provided.

### HA

The horizontal accuracy (HA) provided by the mobile operating system, in meters.

### HASHEDAPPID

The hashed app identifier if available. The hashed app identifier is not always available and when it is not available, the value NULL is provided. The un-hashed app identifier is not in our data.

### USERAGENT

The HyperText Transfer Protocol (HTTP) user agent string.