

GPS, GIS & WAMSI

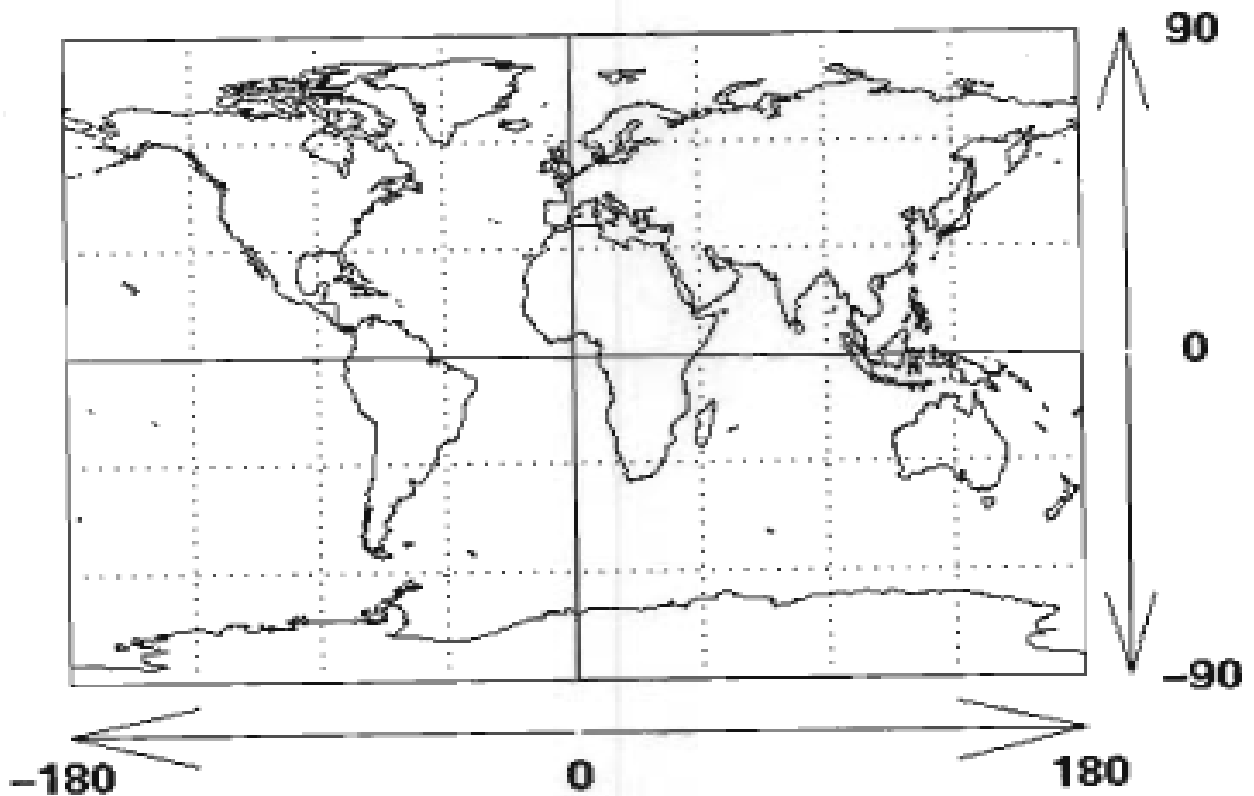
Global Positioning System (GPS) Coordinates (i.e., a pair of Latitude & Longitude) locate a fixed point on the earth surface.

If the fixed points (i.e., Vertices of any piece of land) are joined together in a cyclic order then the resultant figure will be the layout of that piece of land on the earth surface.

If the same layout is superimposed on the Historical Satellite Imageries between different dates/years one-by-one then you will notice the development in & around the layout. Thus, encroachments could be detected and you will also know when that happened.

In WAMSI On-line System (WAMSI), GPS Coordinates of the Vertices of the Immovable Waqf Properties are entered as GPS Survey along with other attributes under Registration Module. GPS Coordinates becomes the part & parcel of WAMSI Database as permanent attributes for facilitating Geographic Information System (GIS) Reporting.

At present the Satellite Imageries Services of Google Maps & Google Earth are used seamlessly through their APIs for drawing Properties layouts on Satellite Imageries. Neither WAMSI Database is shared with Google nor Satellite Imageries are purchased from Google.



Example: A pair of typical GPS Coordinates

A pair of typical GPS Coordinates of a Point on the Surface of the Earth is look like as (41°-26'-57.40", 23°-15'-57.51") where 41°-26'-57.40" is Latitude and 23°-15'-57.51" is Longitude. This kind of Pair/s is/are required to be entered in WAMSI On-line System as GPS Survey under Registration Module for either marking a Point Location or Drawing a Layout of an Immovable Waqf Property on the Satellite Imagery for various GIS Reporting.