

Position accuracy of Japanese islands in Tokyo Datum

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Coordinates of remote islands in Tokyo Datum are not accurately consistent with the coordinate at the datum origin, because geodetic network of remote islands were, for example, independent of the geodetic network of main islands of Japan due to invisibility. The coordinate errors in Tokyo Datum at 58 Japanese island areas have been calculated using GPS coordinates as new coordinates of islands in Tokyo datum, which were intermediate products when producing coordinate transformation (Tokyo datum to a geocentric coordinate system) parameters of TKY2JGD software.