

NEW JERSEY PERMANENT STATUTES  
(UPDATED THROUGH P.L. 2010, ch. 80, and JR 3 of P.L.2010)

51:3-7. Official survey base established; plane co-ordinates

51:3-7. The official survey base for New Jersey shall be a system of plane co-ordinates to be known as the New Jersey system of plane co-ordinates, said system being defined as a transverse Mercator projection of the Geodetic Reference System of 1980, having a central meridian 74° 30' west from Greenwich on which meridian the scale is set at one part in 10,000 too small. All co-ordinates of the system are expressed in meters, the x co-ordinate being measured easterly along the grid and the y co-ordinate being measured northerly along the grid, the origin of the co-ordinates being on the meridian 74° 30' west from Greenwich at the intersection of the parallel 38° 50' north latitude, such origin being given the co-ordinates  $x=150,000$  meters;  $y=0$  meters. The precise position of said system shall be as marked on the ground by triangulation or traverse stations established in conformity with the standards adopted by the National Geodetic Survey, formerly the United States Coast and Geodetic Survey for first and second-order work, whose geodetic positions have been rigidly adjusted on the North American Datum of 1983 or the most recently published adjustment by the National Geodetic Survey, and whose plane co-ordinates have been computed on the system defined. The New Jersey co-ordinate system defined by the North American Datum of 1927 may be used concurrently with or in lieu of the system defined by the North American Datum of 1983 for a period of 36 months after the effective date of this amendatory act, P.L.1989, c.218.

Standard conversions from meters to feet shall be the adopted standards of the National Oceanic and Atmospheric Administration.

Amended 1989,c.218,s.1.