



CHAPTER 102

N.C.G.S. § 102-1.2.

Name and description in relation to the North American Terrestrial Reference Frame of 2022.

SOURCE	LAST AMENDMENT IN THIS TEXT	RETRIEVED	SOURCE FINGERPRINT
General Statutes of North Carolina, as published by the General Assembly	No amendment history on record	21 September 2026, 05:25 UTC	0bb4b381b7ec61a0a5db3087 - b53caeeaaab25947ab5260369 - f168985a8df68329

From and after the date and time the North Carolina Geodetic Survey Section in the Division of Emergency Management of the Department of Public Safety receives from the National Oceanic and Atmospheric Administration's National Geodetic Survey (NGS) official notice of a complete, published definition of the North American Terrestrial Reference Frame of 2022 (NATRF2022), including the State plane coordinate constants applicable to North Carolina, the official survey base for North Carolina shall be a system of plane coordinates to be known as the "North Carolina Coordinate System of 2022," said system being defined as a one-parallel Lambert conformal conic projection of the "Geodetic Reference System (GRS 80) ellipsoid" having a central meridian of 79° - 00' west from the prime meridian and a central parallel of latitude of 35° - 15' north of the equator, along which parallel the scale shall be exactly 0.999 96 or 1 part in 25,000 smaller than unity. All coordinates of the system are expressed in meters, the east or x coordinate being measured easterly along the grid and the north or y coordinate being measured northerly along the grid. The International Foot, 1 foot = 0.3048 meter exactly, shall be used as a conversion factor. The origin of the coordinates is hereby established at the intersection of the central meridian and the central parallel, such origin being given the coordinates of east or x = 1,000,000 meters and north or y = 200,000 meters. The precise position of said system shall be as marked on the ground by geodetic monuments and Continuously Operating Reference Stations (CORSs) established in conformity with the standards adopted by NGS, whose geodetic positions have been adjusted on NATRF2022, and whose plane coordinates have been computed on the system defined. Whenever plane coordinates are used in the description or identification of surface area or location within this State, the coordinates shall be identified as "NATRF2022," indicating North American Terrestrial Reference Frame of 2022, or as "NAD 83," indicating North American Datum of 1983, or as "NAD 27," indicating North American Datum of 1927. (2023-92, s. 2(b).)

END OF SECTION TEXT

APPARATUS FOLLOWS — DERIVED, NOT ENACTED

APPARATUS III

Citation

FULL SECTION

N.C. Gen. Stat. § 102-1.2 (2026).

Pinpoint keys are set in the left margin of the text rather than line numbers: subsection designators are stable across editions and paper sizes, line numbers are not.

COLOPHON

Provenance

This document reproduces the text of one section of the General Statutes of North Carolina from a source file whose SHA-256 digest is printed on every page. The digest fixes the bytes this export was made from; if the State's file changes, the digest will not match.

The text of the section is unaltered. Subsection designators have been moved from the run of text into the margin. The amendment history and the table of authorities are derived from the section by mechanical extraction — they add no characterization of the law.

This is not the official text. The official text is published by the General Assembly of North Carolina.

SET IN SPECTRAL AND ARCHIVO
NORTH CAROLINA LAW — STATUTE EXPORT, FORMAT V1

