

Vertical Datum Update

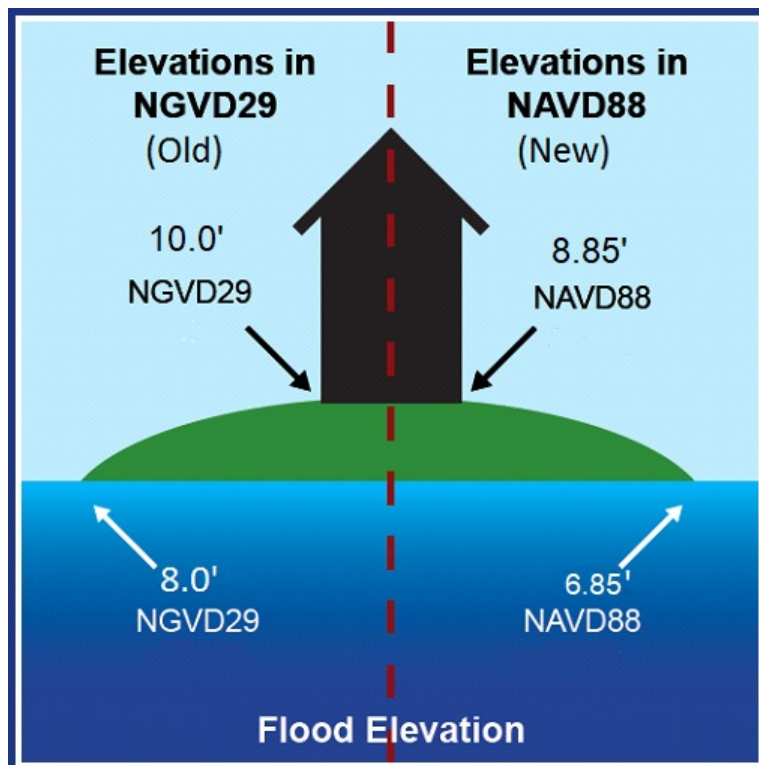
On Dec. 15, 2022, new Flood Insurance Rate Maps became effective for Charlotte County, Florida. These new maps, which are produced by the Federal Emergency Management Agency, use the measurement standards of the North American Vertical Datum of 1988 (NAVD 88) to determine vertical measurements. The measurements including base flood elevation (BFE); finished floor; machinery that services a building; and lowest/highest-adjacent grade elevations.

In Charlotte County, NAVD 88 is on average, 1.15' lower than the National Geodetic Vertical Datum of 1929 (NGVD 29) previously used.

A vertical datum is a base measurement point (or level) from which all land elevations and Base Flood Elevations (BFEs) are measured and is used by floodplain managers, surveyors, engineers, builders, and insurance providers. Elevations reflect the height of the land or water above the base measurement point, or the fixed 0-foot elevation, as defined by the datum. For example, a finished-floor elevation of 8.85' NGVD 29 would be 10' NAVD 88.

For more information contact:

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The NGVD to NAVD vertical datum conversion factor is based on latitude and longitude and may vary throughout the County.