

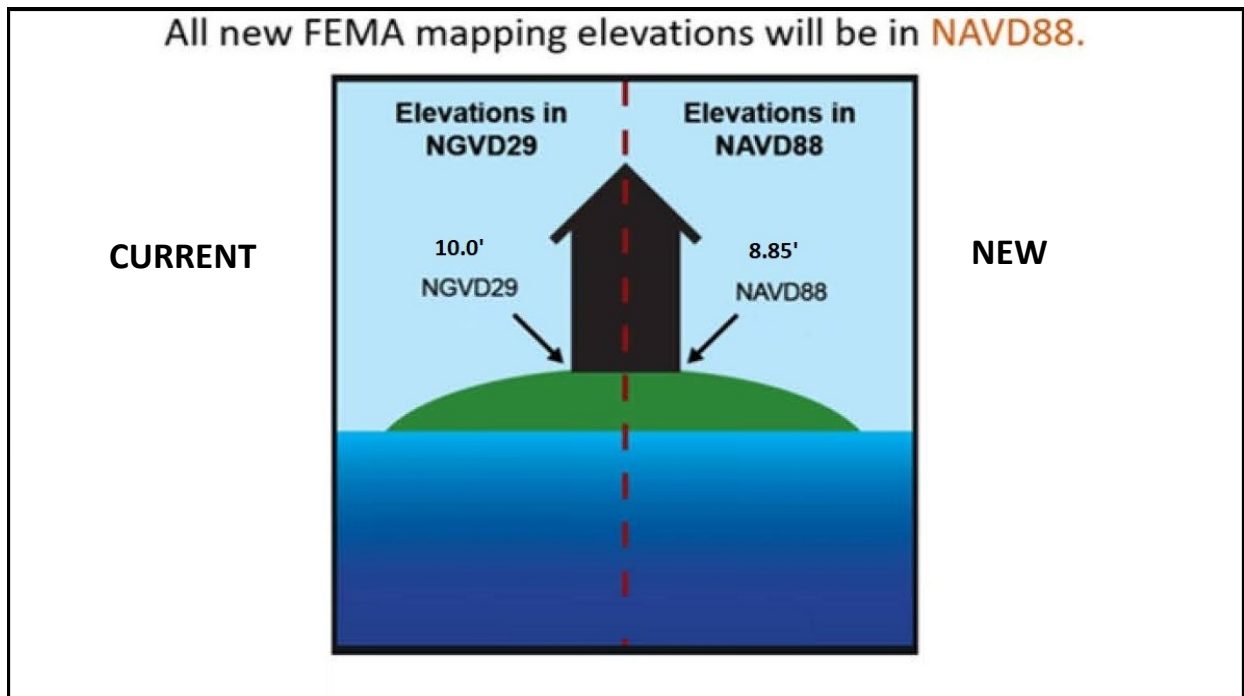
Vertical Datum Update

On Dec. 15, 2022, new Flood Insurance Rate Maps will become 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, including base flood elevation (BFE), finished floor, machinery that services a building, and lowest-adjacent grade elevations. NAVD 88 is 1.15' lower than the National Geodetic Vertical Datum of 1929 (NGVD 29) currently used by Charlotte County.

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 10' NGVD 29 would be 8.85' NAVD 88.

For more information contact:

Community Development, Donna Bailey, CFM, Floodplain Coordinator (941) 623-1080.



Vertical Datum conversion factors may vary throughout the study area. For more information refer to the Flood Insurance Study report to confirm the conversion factor.