

Horizontal / Vertical Datums of Northern Virginia Jurisdictions

Political Jurisdiction	Existing GIS Data Horizontal / Vertical Datum	Land Development Submission Requirements Horizontal / Vertical Datum
<i>City of Alexandria</i>	VCS NAD 83, US Survey Foot / NAVD 88¹	VCS NAD 83, US Survey Foot / NAVD 88¹
<i>Arlington County</i>	VCS NAD 83, US Survey Foot / NAVD 88¹	VCS NAD 83, US Survey Foot / NAVD 88¹
<i>Fairfax County (Updated May 2013)</i>	VCS NAD 83, US Survey Foot / NAVD 88¹ (You must ask for the data in NGVD 29)	VCS NAD 83, North Zone, US Survey Foot / NGVD 29 (PFM Sections 2-0107.1B and 2-0212.11) (Subdivision Ordinance Section 101-2-5) (Zoning Ordinance Section 17-106)
<i>City of Fairfax</i>	VCS NAD 83 HARN, US Survey Foot / NGVD 29¹	VCS NAD 83 HARN, US Survey Foot / NGVD 29¹
<i>Fauquier County</i>	VCS NAD 83, US Survey Foot / NAVD 88¹	VCS NAD 83, US Survey Foot / NGVD 29 or NAVD 88¹
<i>Loudoun County</i>	VCS NAD 83 HARN, US Survey Foot / NAVD 88¹	VCS NAD 27, US Survey Foot or meters / NGVD 29 (Loudoun County Facilities Standards Manual Sections 8.101.A.8 and 8.101.A.17)
<i>Prince William County</i>	VCS NAD 83, US Survey Foot / NAVD 88¹	VCS NAD 83, US Survey Foot / USGS Datum² (Prince William County Design and Construction Standards Manual Sections 120.01 and 712.02)
<i>Spotsylvania County</i>	VCS NAD 83, US Survey Foot / NAVD 88¹	VCS NAD 83, US Survey Foot / NAVD 88¹
<i>Stafford County</i>	VCS NAD 83 HARN, US Survey Foot / NAVD 88¹	VCS NAD 83, US Survey Foot / NGVD 29 or NAVD 88 or Assumed Datum (Stafford County Code Section 22-87)

¹ Verified by the jurisdiction's Geographic Information Systems (GIS) Department

² "USGS Datum" is an ambiguous term; according to the NGS, a "USGS Datum" has never existed