



TOPOGRAPHIC BASEMAP SET

SKAGIT COUNTY, WASHINGTON

1:24,000 (7.5 MINUTE)

AUGUST 2018

VERSION 3.0

INTRODUCTION

A common request to the GIS Department is to produce a general map that shows roads and political boundaries along with contour information. In the past the USGS 7.5 minute topographic maps were useful for this purpose, however, in Skagit County these maps are over 20 years out of date and do not keep up with the rapid growth the county. The focus of this map series is to create a USGS 7.5 minute topographic style map using current data. These new maps were created using existing data such as the National Land Cover Database for vegetation, county assessor data for residence locations, and the counties existing GIS data for roads and place names. The surrounding location grid was updated to include the National Grid coordinates (USNG) along with Latitude and Longitude.

DATA SOURCES

Skagit County GIS
WA Department of Natural Resources
USGS
National Land Cover Database
ESRI

DOWNLOAD INFORMATION

Contact Skagit County GIS Department
1800 Continental Place
Mount Vernon, WA. 98273
(360) 416-1168

or visit us on the web:
www.skagitcounty.net/topomaps

DATA PRECISION AND LIABILITY

This map was created from available public records and existing map sources, not from field surveys. Map features from all sources have been adjusted to achieve a "best fit" registration to the Ownership Parcels Map. While great care was taken in this process, maps from different sources rarely agree as to the precise location of geographic features. The relative positioning of map features to one another results from combining different map sources without field "ground truthing".

Skagit County disclaims any warranty of merchantability or warranty of fitness of this map for any particular purpose, either expressed or implied.

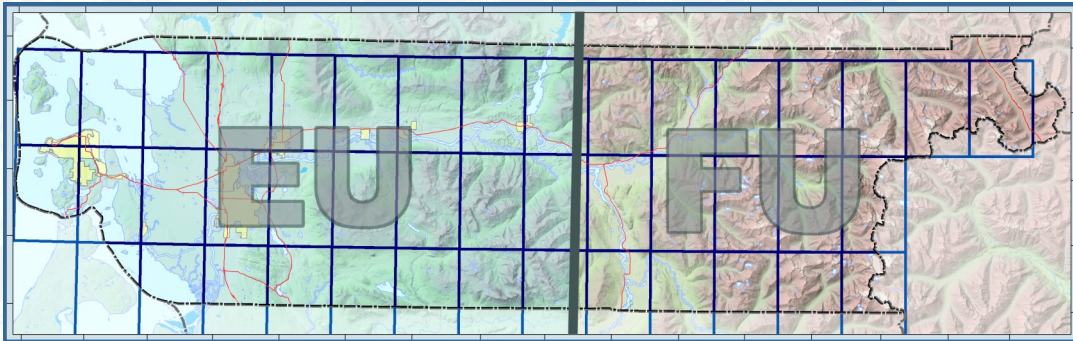
No representation or warranty is made concerning the accuracy, currency, completeness or quality of data depicted on this map. Any user of this map assumes all responsibility for use thereof, and further agrees to hold Skagit County harmless from any damage, loss, or liability arising from the use of this map.

UNITED STATES NATIONAL GRID (USNG) COORDINATES

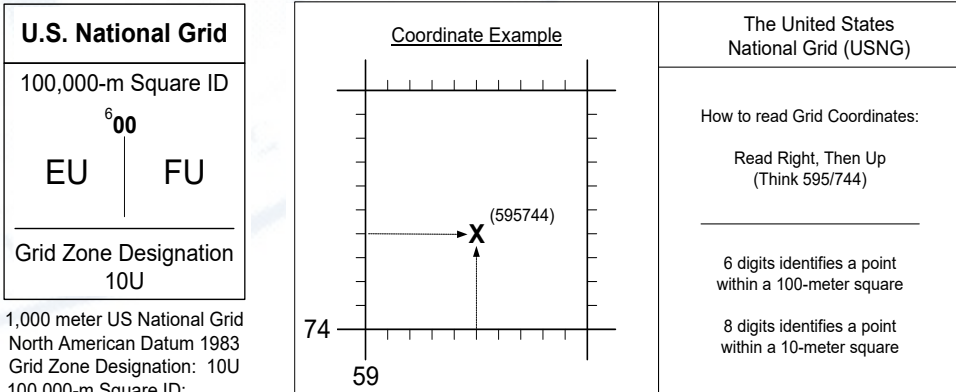
The United States National Grid (USNG) is a nonproprietary alphanumeric referencing system derived from the Military Grid Reference System (MGRS) and is being promoted to increase the interoperability of location services by providing a nationally consistent grid reference system. The USNG is based on the UTM grid, and as such the first two digits in USNG Easting and Northing are the same as the 10,000-meter and 1,000-meter digits of UTM Easting and Northing coordinates.

UTM Coordinate: 10(North) 559500, 5374400
USNG Coordinate: 10U EU 5950074400

The Grid Zone Designation (GZD) for all areas in Skagit County is 10U. Therefore 10U may be implied or assumed for the GZD, and its use may be optional. Skagit County spans across two 100,000-m Squares. Therefore it may be necessary to clarify the 100,000-m Square Identification (EU or FU) when reporting a coordinate value. Using the 100,000-m Square ID may be optional if you are working within a single 100,000-m Square.



The USNG has the advantage of being easily plotted on USGS topographic maps by using a simple "left to right and then up" method instead of having to plot "backwards" from right to left when using latitude and longitude in the Western Hemisphere. The coordinates are also easily translated to distance as they are actually in meters. Thus the distance between two coordinates can quickly be determined in the field. In addition, most handheld GPS units are equipped to use the USNG. This can be enabled by setting the coordinate system to either USNG or MGRS, and setting the datum to either WGS_84 or NAD83.



SCALE

1:24,000 is a common scale and was used for all USGS 7.5 minute maps. At this scale one unit on the map (inch) equals 24,000 of those units (inches) on the ground. This translates to one inch on the map equaling 2000 feet on the ground. One mile of ground distance is 2.64 inches on the map. Use the scale bars at the bottom of the maps for quick estimates.

LEGEND

USGS GNIS points

- Terminal
- Light
- Mine
- Park
- Pillar
- Summit
- Tower
- Trail
- Wildlife

Public Places

- Boat Launch
- Cemetery
- City Hall
- City Park
- County Park
- Emergency Services
- Fire Station
- Hospital
- Library
- Police Station
- Post Office
- Ranger Station
- School
- State Park

Skagit Utilities

- electricity
- liquidfuel
- naturalgas

Skagit Transportation

- Major Arterial
- Highway
- Local
- Jetty
- Trails

Other Transportation

- Trails
- Other
- Ferry Crossing
- Railroad grade
- Railroad
- Outside County Roads
- County-Private roads
- Dikes
- County Boundary
- Road Blocked
- Gate across road

Contours (ft)

- 20
- 100

Watercourses

- No Name
- Named

Water Areas

- Exposed Rock
- Man Made Bodies
- Marsh Etc.
- Flats
- Open water
- Glaciers

Residence Location *

- Building footprint

Land Cover

- NLCD Source
- Forest Cover

* Building footprints were determined using aerial photos from 2017 by Eagleview Intl.

QUADRANGLE LOCATOR

