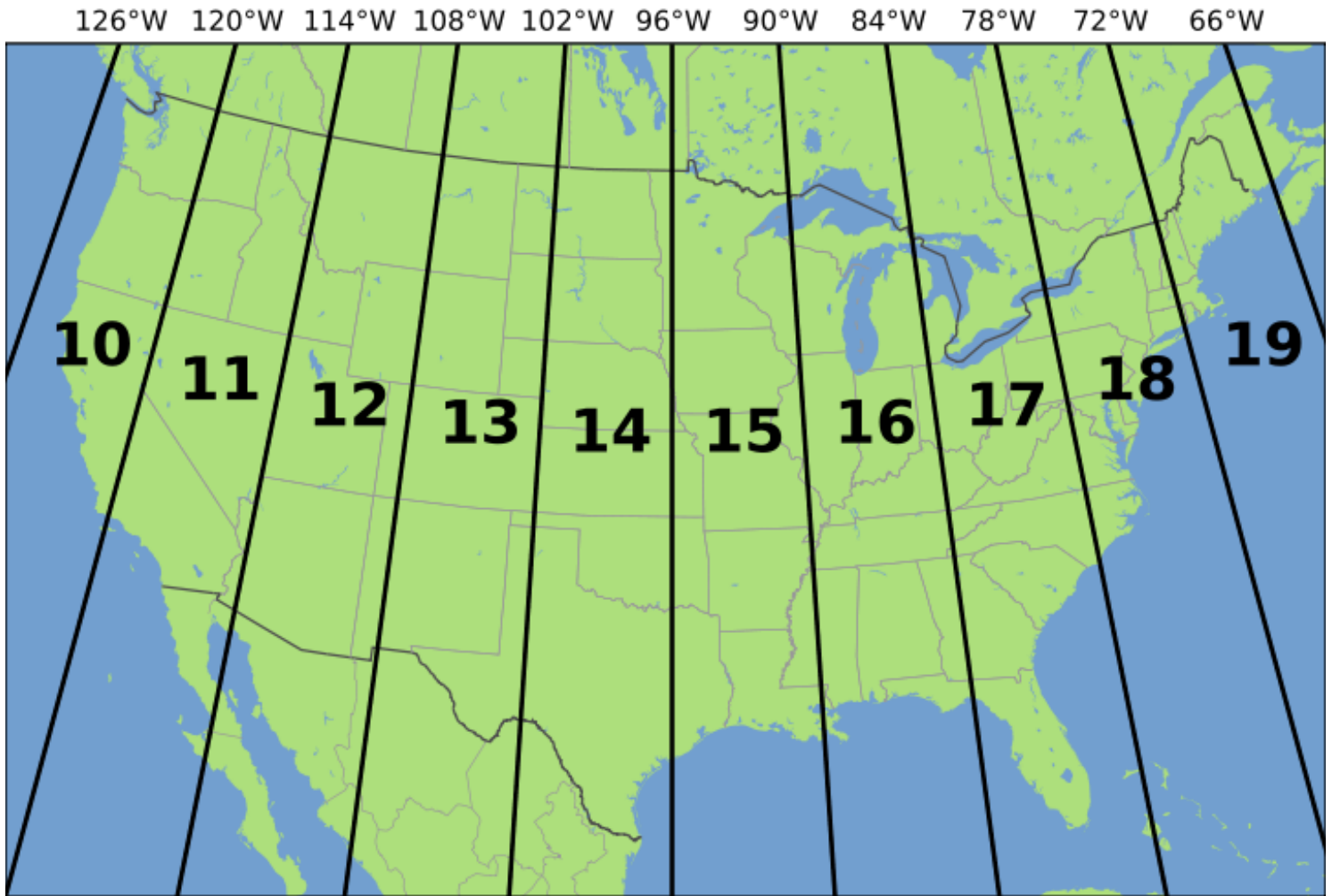


File:Utm-zones.svg

From Wikipedia, the free encyclopedia



Utm-zones.svg (SVG file, nominally 720 × 540 pixels, file size: 1.47 MB)

Summary

This image generated using the following python script:

```
#!/usr/bin/env python
# -*- coding: utf-8 -*-

from mpl_toolkits.basemap import Basemap
import matplotlib; matplotlib.use('GTKCairo')
import pylab

# Setup figure, axes, and map projection
fig = pylab.figure()
fig.figurePatch.set_alpha(0.0)
ax = pylab.axes([0.,0.,1.0,0.95], axisbg=(0.4471,0.6235,0.8117))
bm = Basemap(projection='lcc', urcrnrlat=49, llcrnrlat=21, urcrnrlon=-61,
              llcrnrlon=-120, lon_0=-96, lat_0=39, lat_1=33, lat_2=45,
              resolution='i', ax=ax)
```

```

# Draw Borders
bm.fillcontinents((0.6784,0.8745, 0.4863))
bm.drawcountries(linewidth=1.0, color='0.3')
bm.drawstates(linewidth=0.5, color='0.6')

# Draw Meridians and Label UTM Zones
bm.drawmeridians(range(-126,67,6), linewidth=2, dashes=[1,0],
                  labels=[0,0,1,0], size=12)
for zone in range(10, 20):
    x,y = bm(-180 + 6*zone - 3, 40)
    pylab.text(x,y,'%d' % zone, horizontalalignment='center',
               verticalalignment='center', size=26, weight='bold')

pylab.savefig('Utm-zones.svg')

```

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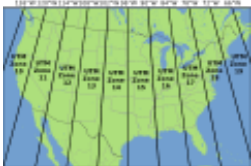
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<http://bots.wmflabs.org/~richs/commonshelper.php?interface=en&image=Utm-zones.svg&lang=en>)



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File history

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	Date/Time	Thumbnail	Dimensions	User	Comment
current	02:06, 15 January 2009		720 × 540 (1.47 MB)	Chrismurf (talk contribs)	Making font size on meridian labels a little bit smaller.
	02:02, 15 January 2009		720 × 540 (1.47 MB)	Chrismurf (talk contribs)	Enlarged the UTM zone numbers so that they are legible in the thumbnail.
	01:55, 15 January 2009		720 × 540 (1.48 MB)	Chrismurf (talk contribs)	This image generated using the following python script: <source lang=python>#!/usr/bin/env python # -*- coding: utf-8 -*- from mpl_toolkits.basemap import Basemap import matplotlib; matplotlib.use('GTKCairo') import pylab # Setup figure, axes, and map p

- You cannot overwrite this file.

File usage

The following pages on the English Wikipedia link to this file (pages on other projects are not listed):

- Universal Transverse Mercator coordinate system

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