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One World One Water Center

Metropolitan State University of Denver | Denver Botanic Gardens

Today's Topic

**Water Resources Management
and Urban Planning**



Thanksgiving



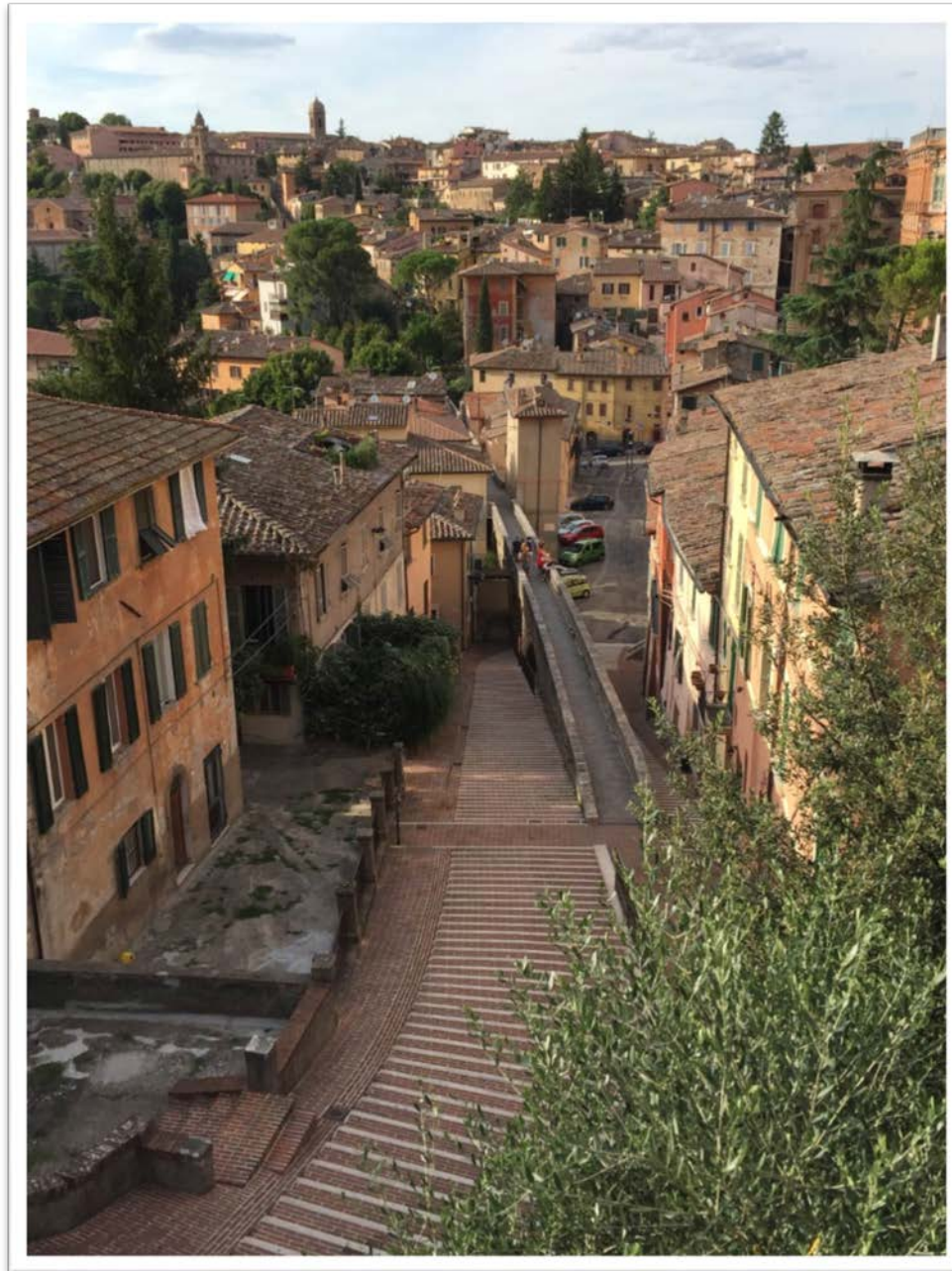
**Turkey, stuffing,
mashed potatoes
and gravy,
cranberries,
salads,
and pumpkin pie**





Crossing of two Roman aqueducts in Via Latina southeast of Rome. These aqueducts were described as *Romanae providentiae magnitudinis que primitiae* (“the first fruits of Rome’s foresight and greatness”) by author Raffaele Fabretti in 1680.

This painting, by Zeno Diemer, is on display at the Deutsches Museum, Munich, Germany.





Aqueduct in California

Los Angeles Aquaduct

<https://www.youtube.com/watch?v=j1WjJTwvUVg>

10.42

<https://vimeo.com/26447600>

2.12

Las Vegas, Nevada

<https://www.lvvwd.com/water-system/how-water-gets-to-you/index.html>

1.33

https://www.youtube.com/watch?v=I_NQQmUUFQw

2.30

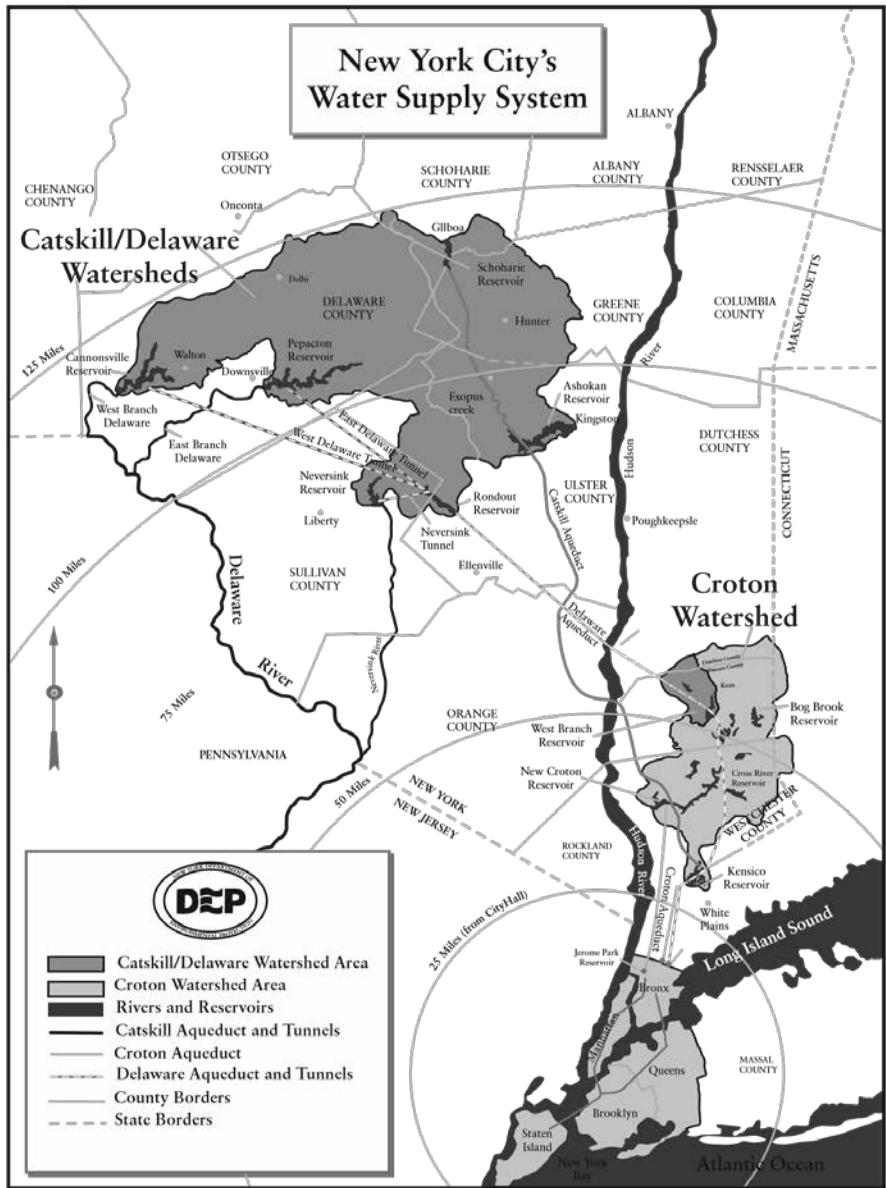
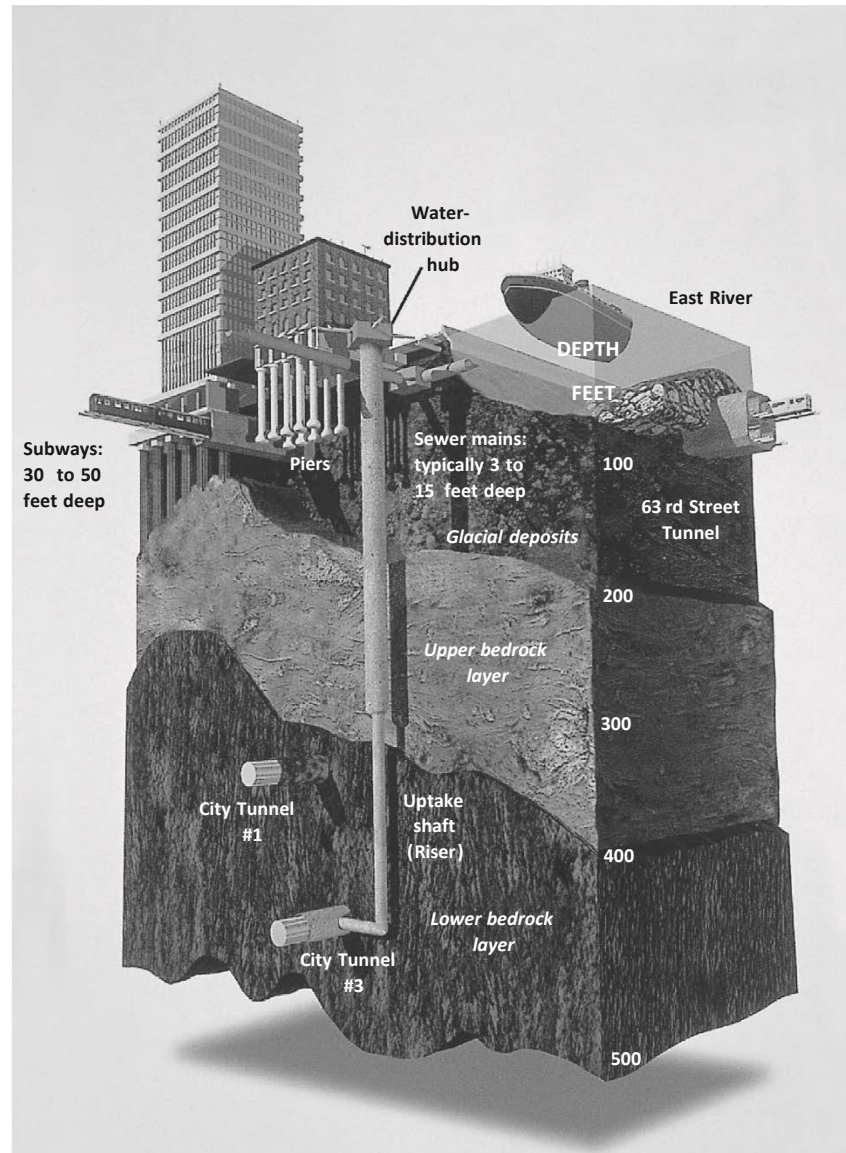
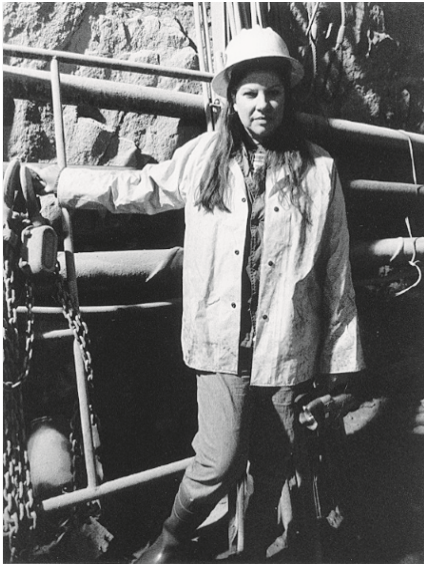


FIG. 6.7 New York City's Water Supply System Map.



New York City Underground

Courtesy of Nancy Cruickshank



Eileen M. Schnock
Resident Engineer of
Tunnel #3,
New York City

Eileen Schnock has always been interested in underground projects. She received her bachelor's degree in geology from City University of New York and a master's degree in mining engineering from Columbia University. Eileen has worked on various underground projects in New York City and has been working on City Tunnel #3 for many years.

New York Daily News Archive/Getty Images



New York City

<https://www.youtube.com/watch?v=YWwgcBodAFo>

5.36

<https://youtu.be/4dNaSH2N3Ww>

4.10

July 2017
Worst Drought in Italy in over 150 years!



July 2017 Drought

Pope Francis turned off the water fountains in Vatican Square



April 2018 The Drought is Over



Rome

<https://www.youtube.com/watch?v=bus2Dp0AfIk>

[1.23](#)

<https://www.youtube.com/watch?v=Zi2t8Fv72pQ>

6.52



Washington Post -

**‘Climate change is water change’ —
why the Colorado River system
is headed for major trouble**

August 19, 2016

In 2016, Lake Mead — which provides 90 percent of the water supply in Las Vegas, alone — [dropped to its lowest levels](#) since the Hoover Dam was completed in 1936.





Cameras monitoring Illulissat Glacier in western Greenland

Water Resources Management and Urban Planning

Critical Issues

- Population Growth
- Climate Change
- ?
- ?

Solutions?

* Get involved!

GRAZIE

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