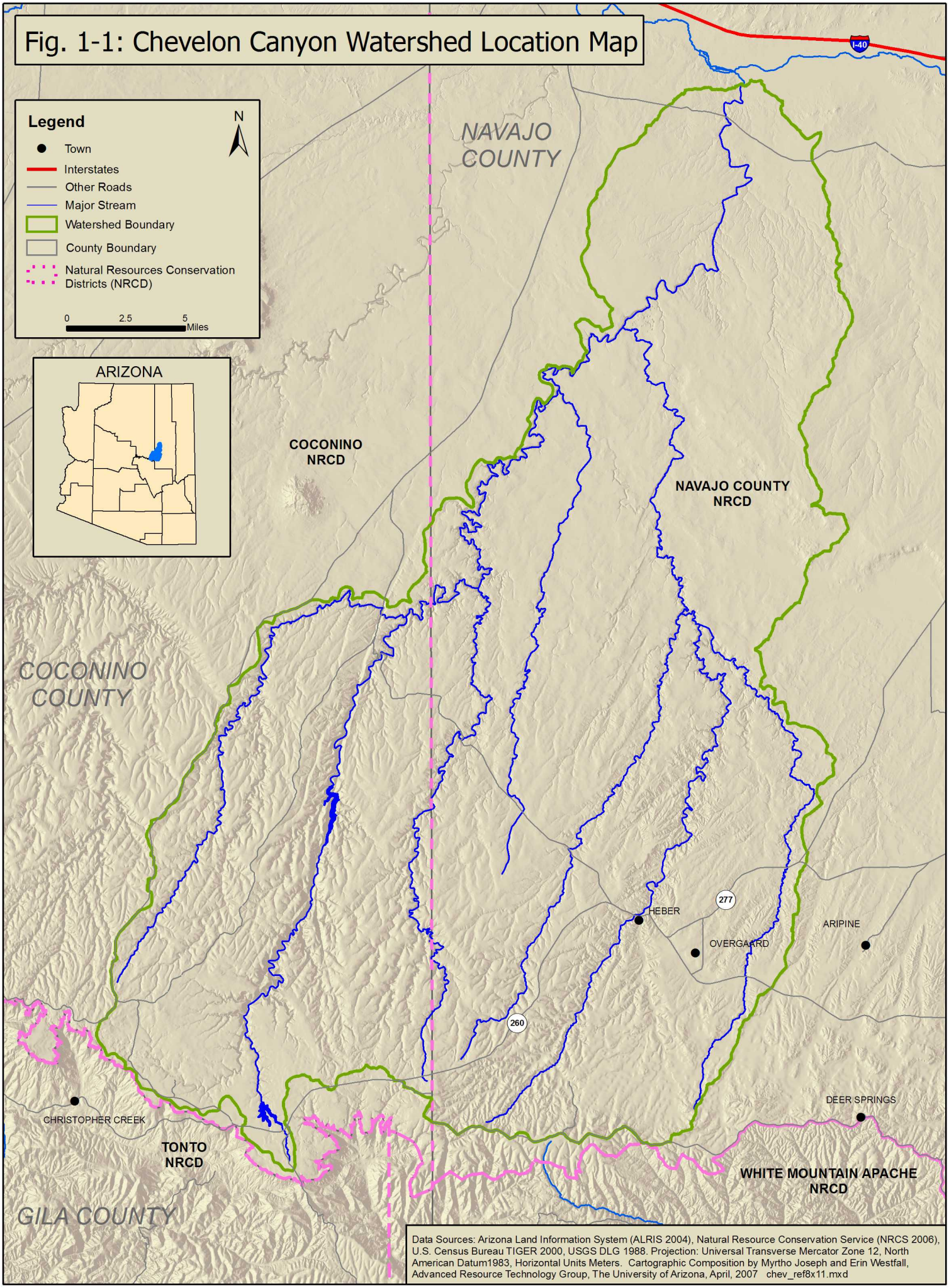


Fig. 1-1: Chevelon Canyon Watershed Location Map
Legend
Town
Interstates
Other Roads
Major Stream
Watershed Boundary
County Boundary
Natural Resources Conservation Districts (NRCD)
N
0
2.5
5
Miles
ARIZONA
NAVAJO COUNTY
COCONINO NRCD
NAVAJO COUNTY NRCD
COCONINO COUNTY
I-40
277
260
HEBER
OVERGAARD
ARIPINE
DEER SPRINGS
CHRISTOPHER CREEK
TONTO NRCD
WHITE MOUNTAIN APACHE NRCD
GILA COUNTY
Data Sources: Arizona Land Information System (ALRIS 2004), Natural Resource Conservation Service (NRCS 2006), U.S. Census Bureau TIGER 2000, USGS DLG 1988. Projection: Universal Transverse Mercator Zone 12, North American Datum1983, Horizontal Units Meters. Cartographic Composition by Myrtho Joseph and Erin Westfall, Advanced Resource Technology Group, The University of Arizona, April, 2007 chev_ref8x11.mxd

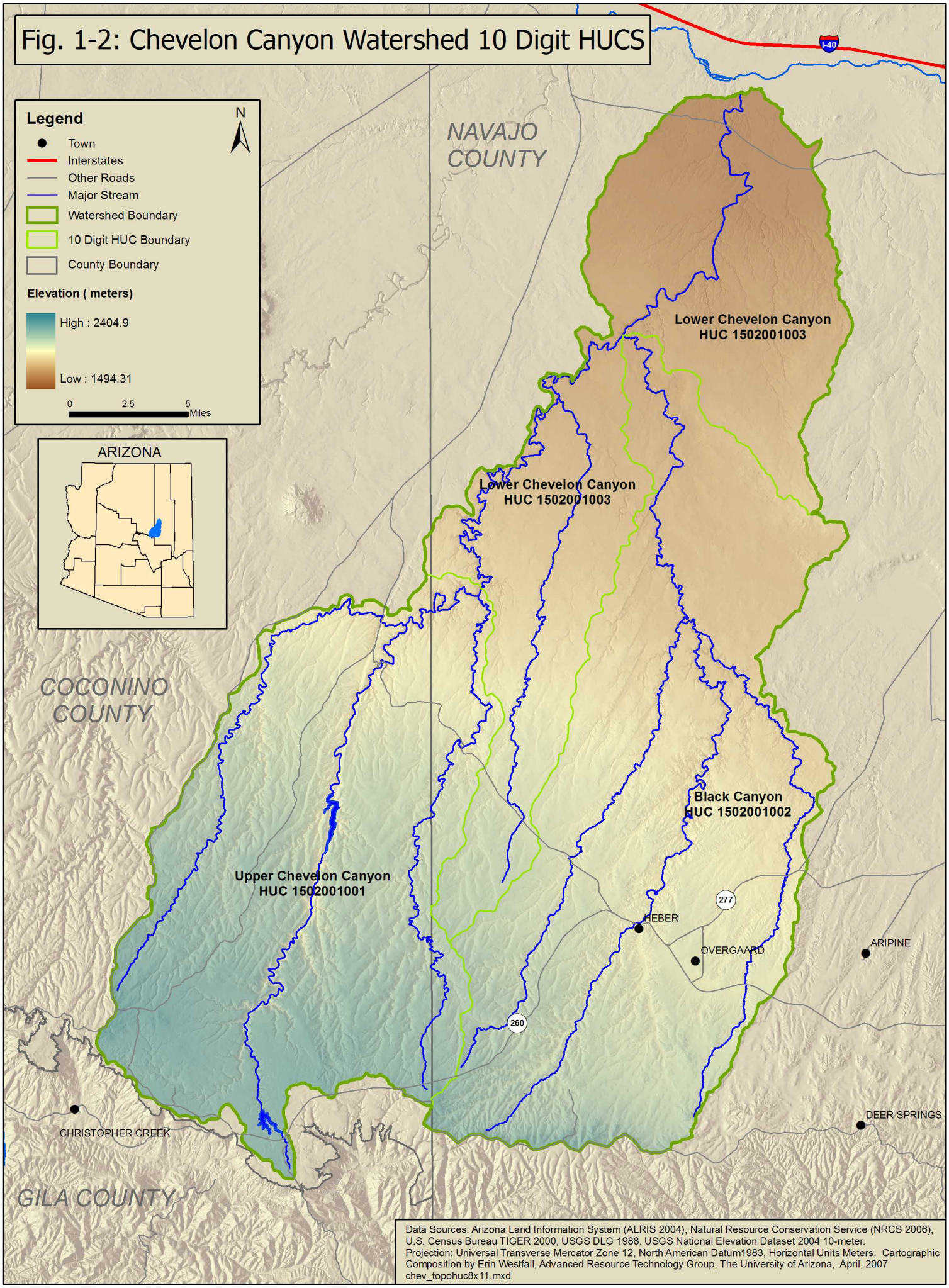
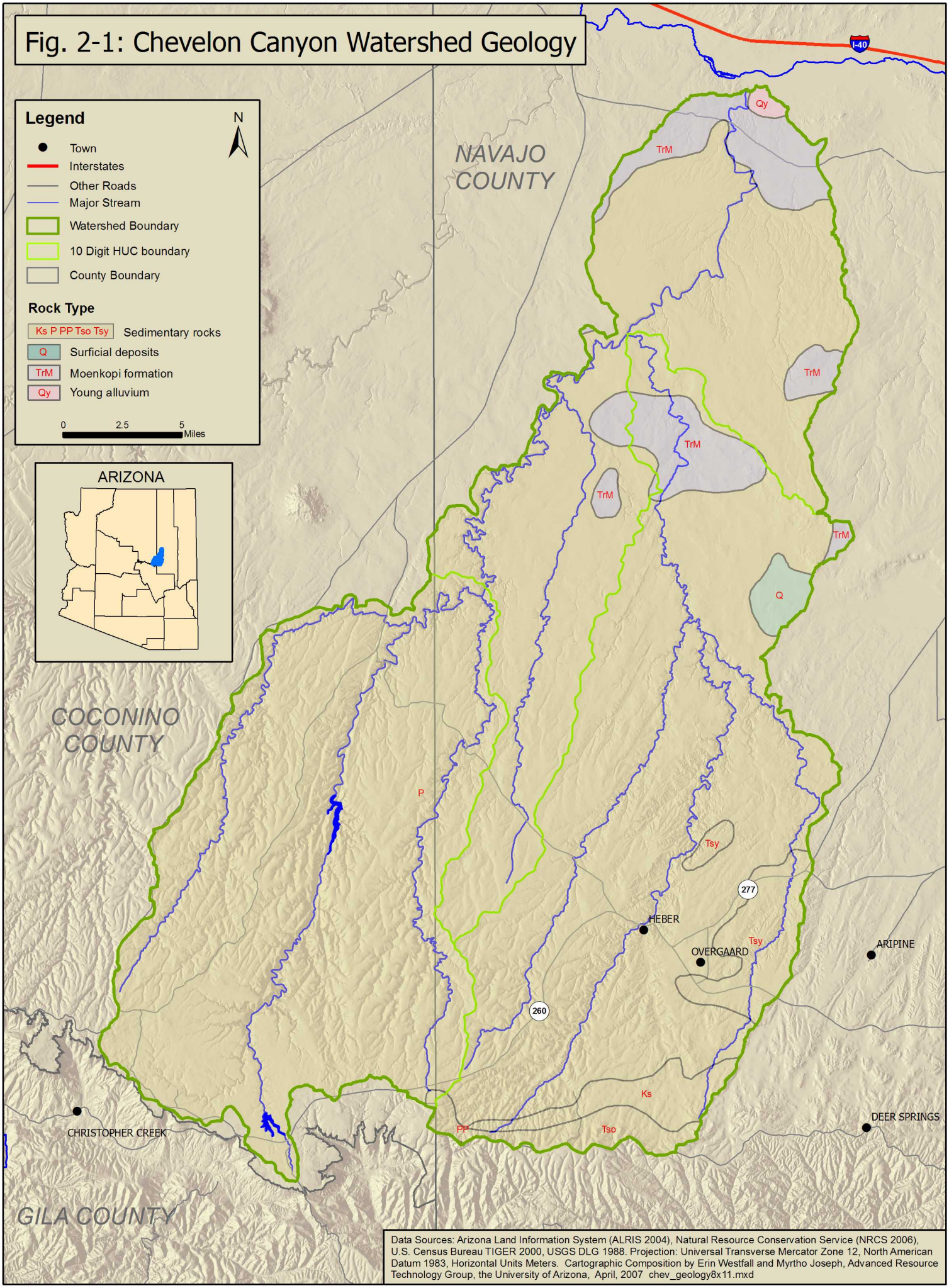


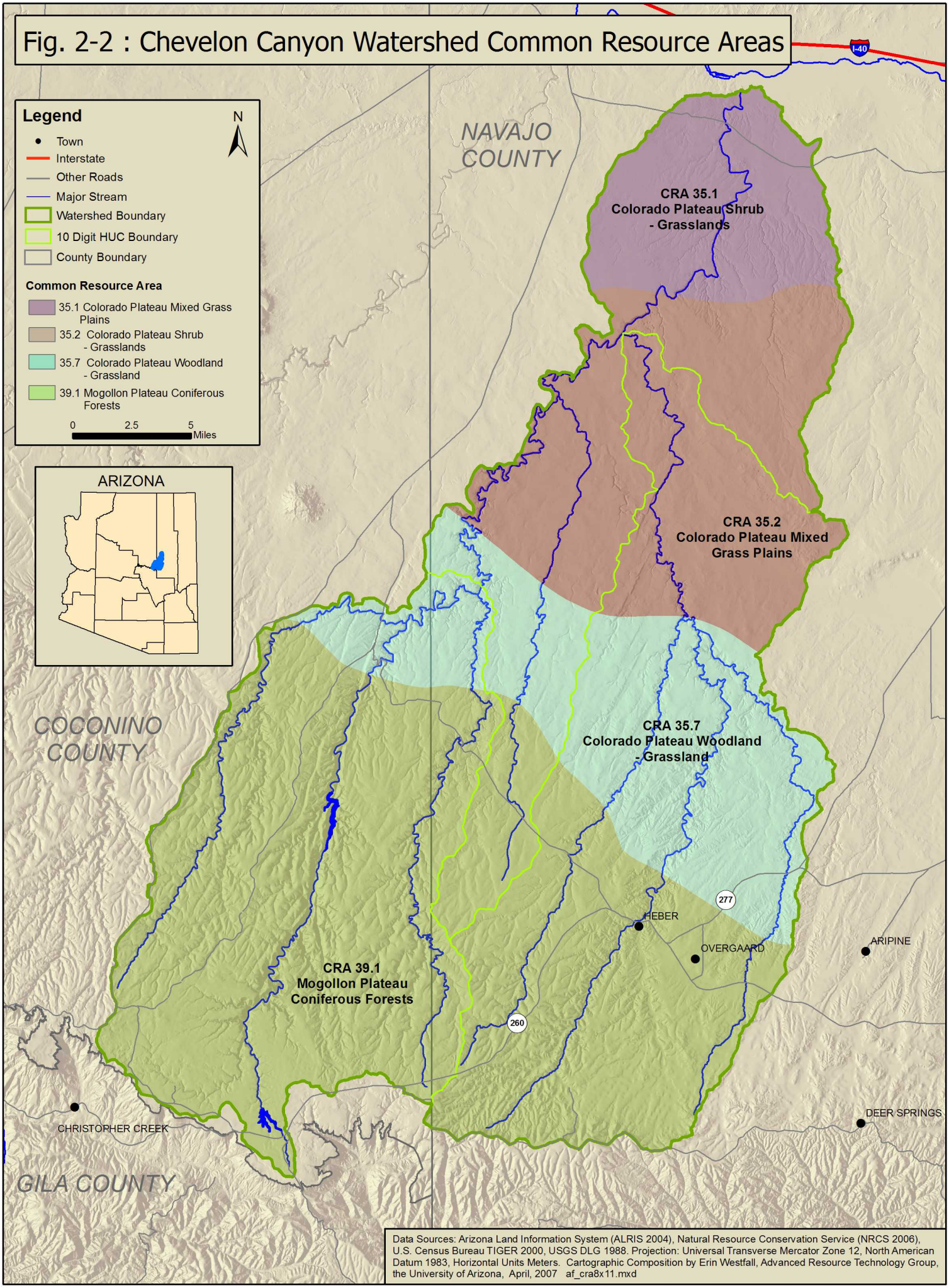
Fig. 1-2: Chevelon Canyon Watershed 10 Digit HUCS
Legend
N
Town
Interstates
Other Roads
Major Stream
Watershed Boundary
10 Digit HUC Boundary
County Boundary
Elevation (meters)
High : 2404.9
Low : 1494.31
0
2.5
5
Miles
ARIZONA
NAVAJO COUNTY
COCONINO COUNTY
GILA COUNTY
I-40
Lower Chevelon Canyon
HUC 1502001003
Lower Chevelon Canyon
HUC 1502001003
Black Canyon
HUC 1502001002
Upper Chevelon Canyon
HUC 1502001001
277
260
HEBER
OVERGAARD
ARIPINE
DEER SPRINGS
CHRISTOPHER CREEK
Data Sources: Arizona Land Information System (ALRIS 2004), Natural Resource Conservation Service (NRCS 2006), U.S. Census Bureau TIGER 2000, USGS DLG 1988. USGS National Elevation Dataset 2004 10-meter.
Projection: Universal Transverse Mercator Zone 12, North American Datum1983, Horizontal Units Meters. Cartographic Composition by Erin Westfall, Advanced Resource Technology Group, The University of Arizona, April, 2007
chev_topohuc8x11.mxd

Fig. 2-1: Chevelon Canyon Watershed Geology



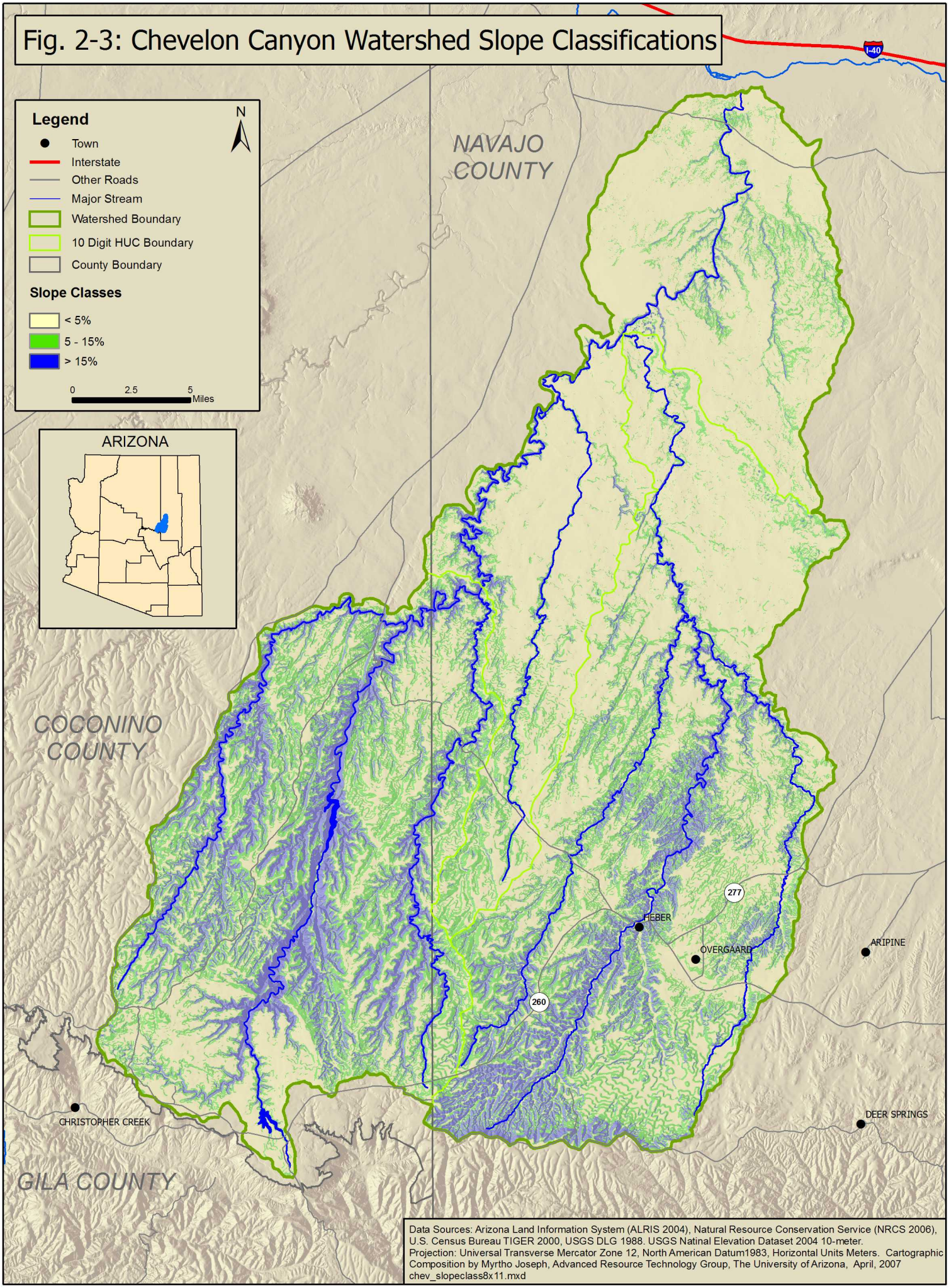
Data Sources: Arizona Land Information System (ALRIS 2004), Natural Resource Conservation Service (NRCS 2006), U.S. Census Bureau TIGER 2000, USGS DLG 1988. Projection: Universal Transverse Mercator Zone 12, North American Datum 1983, Horizontal Units Meters. Cartographic Composition by Erin Westfall and Myrtho Joseph, Advanced Resource Technology Group, the University of Arizona, April, 2007 chev_geology8x11.mxd

Fig. 2-2 : Chevelon Canyon Watershed Common Resource Areas



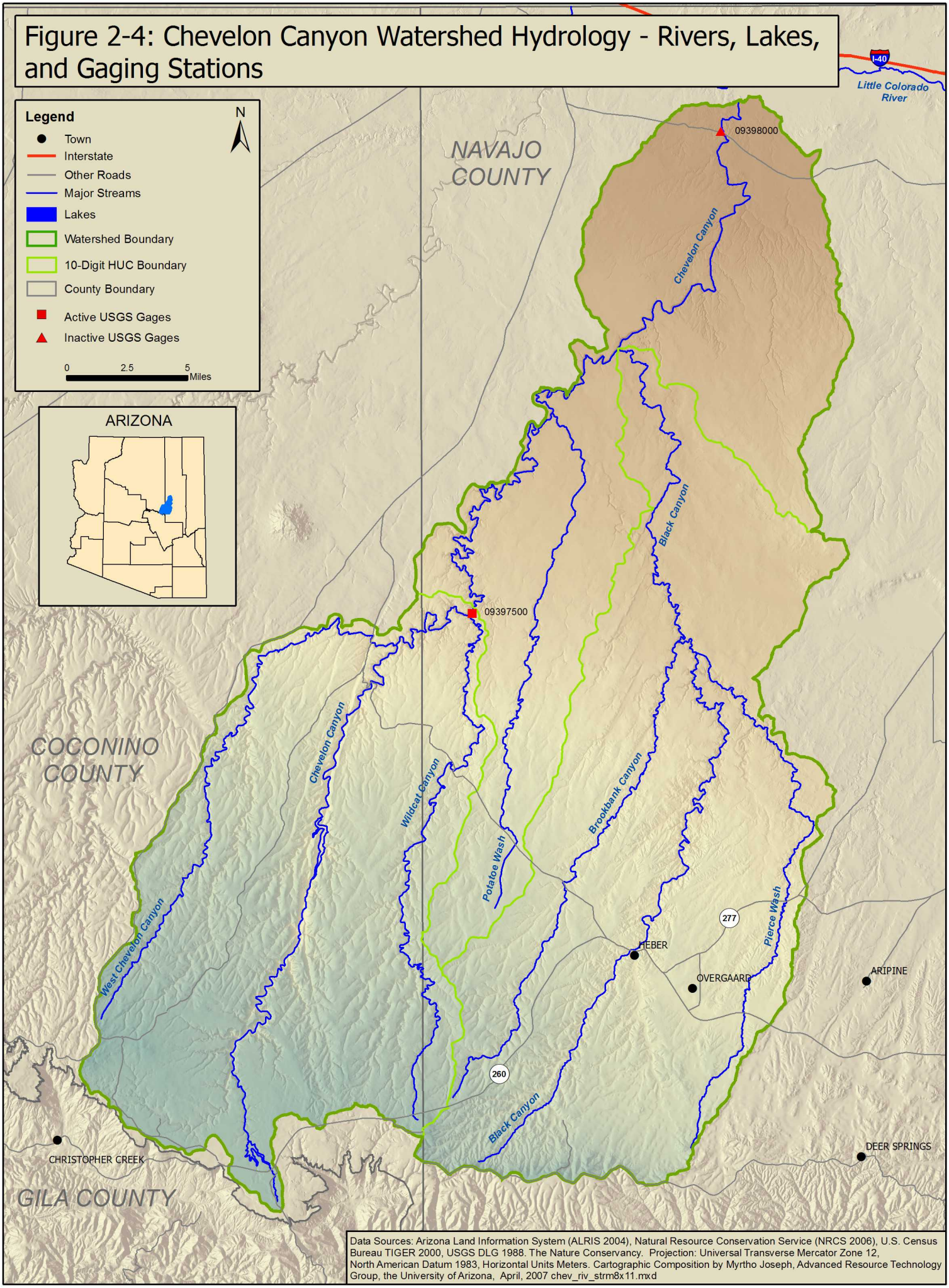
Data Sources: Arizona Land Information System (ALRIS 2004), Natural Resource Conservation Service (NRCS 2006), U.S. Census Bureau TIGER 2000, USGS DLG 1988. Projection: Universal Transverse Mercator Zone 12, North American Datum 1983, Horizontal Units Meters. Cartographic Composition by Erin Westfall, Advanced Resource Technology Group, the University of Arizona, April, 2007 af_cra8x11.mxd

Fig. 2-3: Chevelon Canyon Watershed Slope Classifications



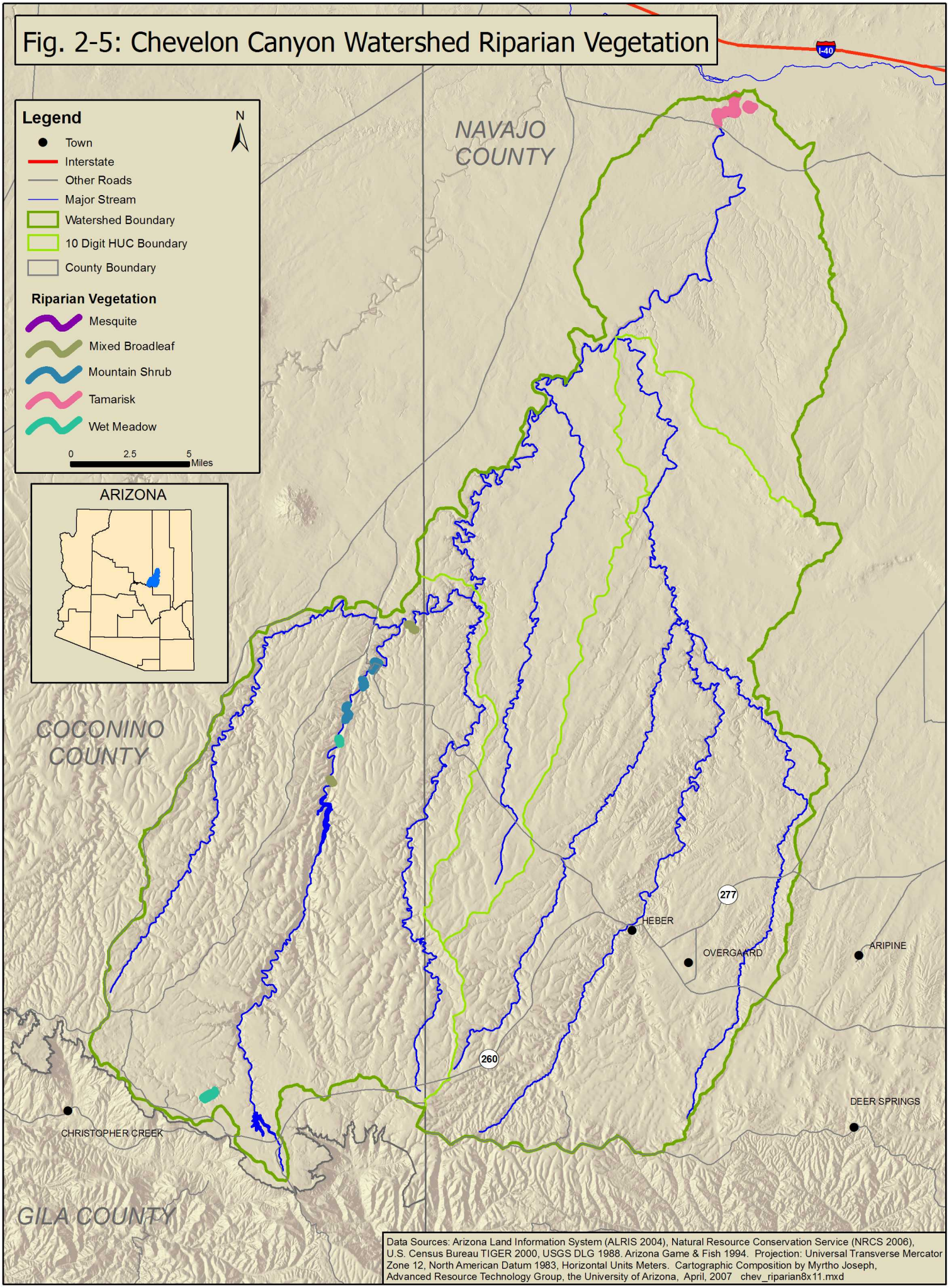
Data Sources: Arizona Land Information System (ALRIS 2004), Natural Resource Conservation Service (NRCS 2006), U.S. Census Bureau TIGER 2000, USGS DLG 1988. USGS Natinal Elevation Dataset 2004 10-meter.
Projection: Universal Transverse Mercator Zone 12, North American Datum1983, Horizontal Units Meters. Cartographic Composition by Myrtho Joseph, Advanced Resource Technology Group, The University of Arizona, April, 2007
chev_slopeclass8x11.mxd

Figure 2-4: Chevelon Canyon Watershed Hydrology - Rivers, Lakes, and Gaging Stations



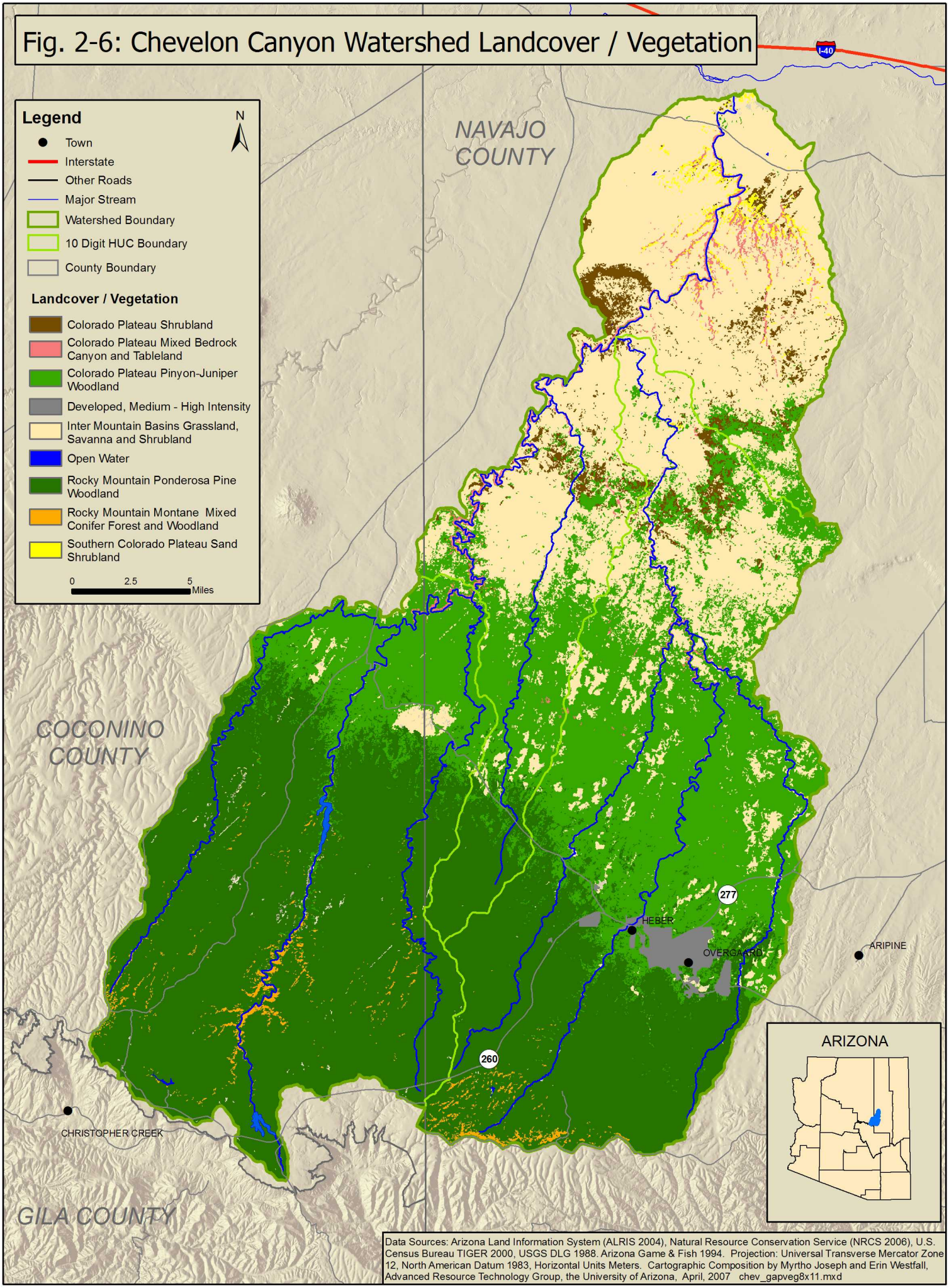
Data Sources: Arizona Land Information System (ALRIS 2004), Natural Resource Conservation Service (NRCS 2006), U.S. Census Bureau TIGER 2000, USGS DLG 1988. The Nature Conservancy. Projection: Universal Transverse Mercator Zone 12, North American Datum 1983, Horizontal Units Meters. Cartographic Composition by Myrtho Joseph, Advanced Resource Technology Group, the University of Arizona, April, 2007 chev_riv_strm8x11.mxd

Fig. 2-5: Chevelon Canyon Watershed Riparian Vegetation



Data Sources: Arizona Land Information System (ALRIS 2004), Natural Resource Conservation Service (NRCS 2006), U.S. Census Bureau TIGER 2000, USGS DLG 1988. Arizona Game & Fish 1994. Projection: Universal Transverse Mercator Zone 12, North American Datum 1983, Horizontal Units Meters. Cartographic Composition by Myrtho Joseph, Advanced Resource Technology Group, the University of Arizona, April, 2007 chev_riparian8x11.mxd

Fig. 2-6: Chevelon Canyon Watershed Landcover / Vegetation



Data Sources: Arizona Land Information System (ALRIS 2004), Natural Resource Conservation Service (NRCS 2006), U.S. Census Bureau TIGER 2000, USGS DLG 1988. Arizona Game & Fish 1994. Projection: Universal Transverse Mercator Zone 12, North American Datum 1983, Horizontal Units Meters. Cartographic Composition by Myrtho Joseph and Erin Westfall, Advanced Resource Technology Group, the University of Arizona, April, 2007 chev_gapveg8x11.mxd

Fig: 2-7: Chevelon Canyon Watershed Average Annual Precipitation And Meterological Stations

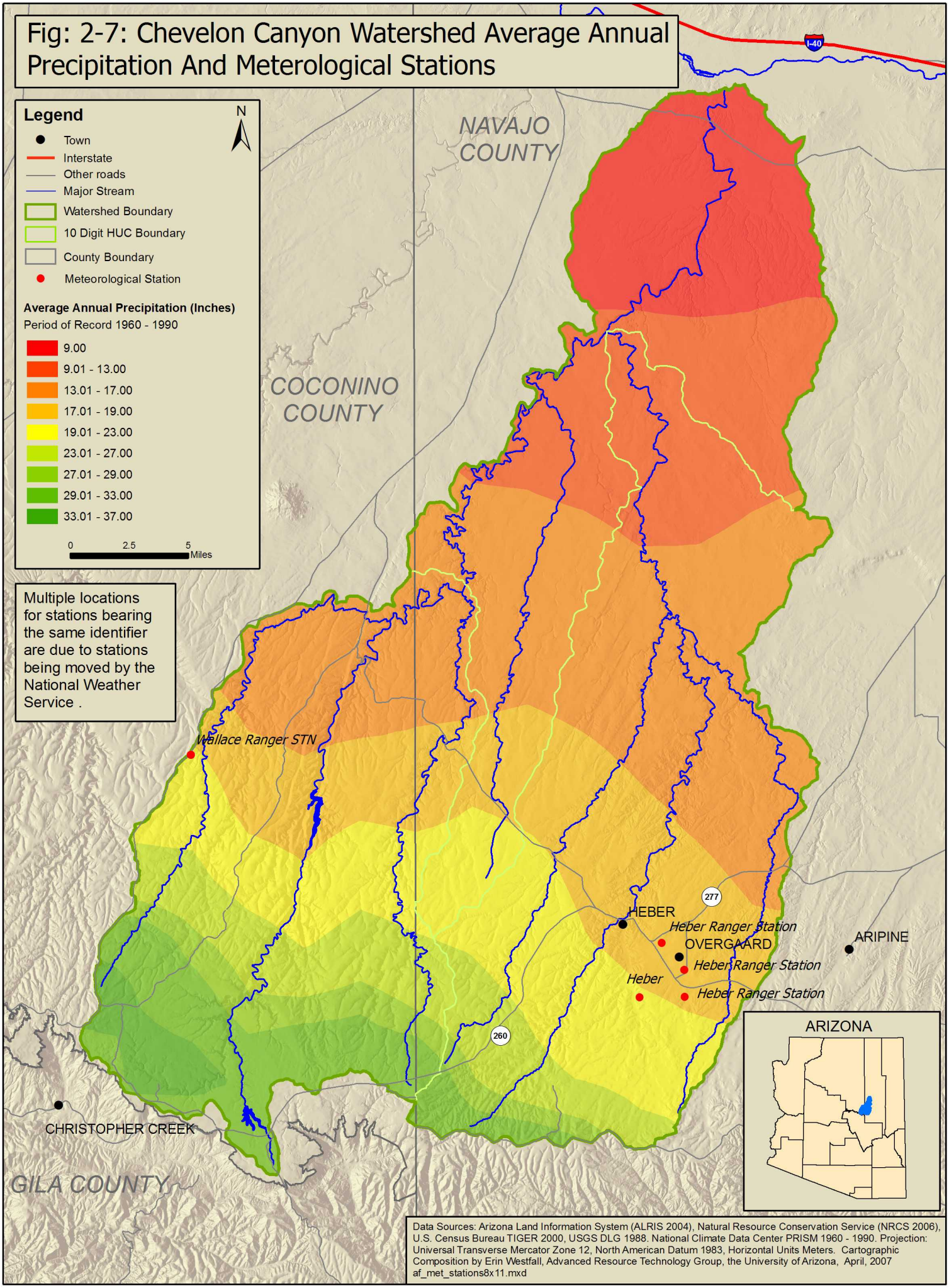
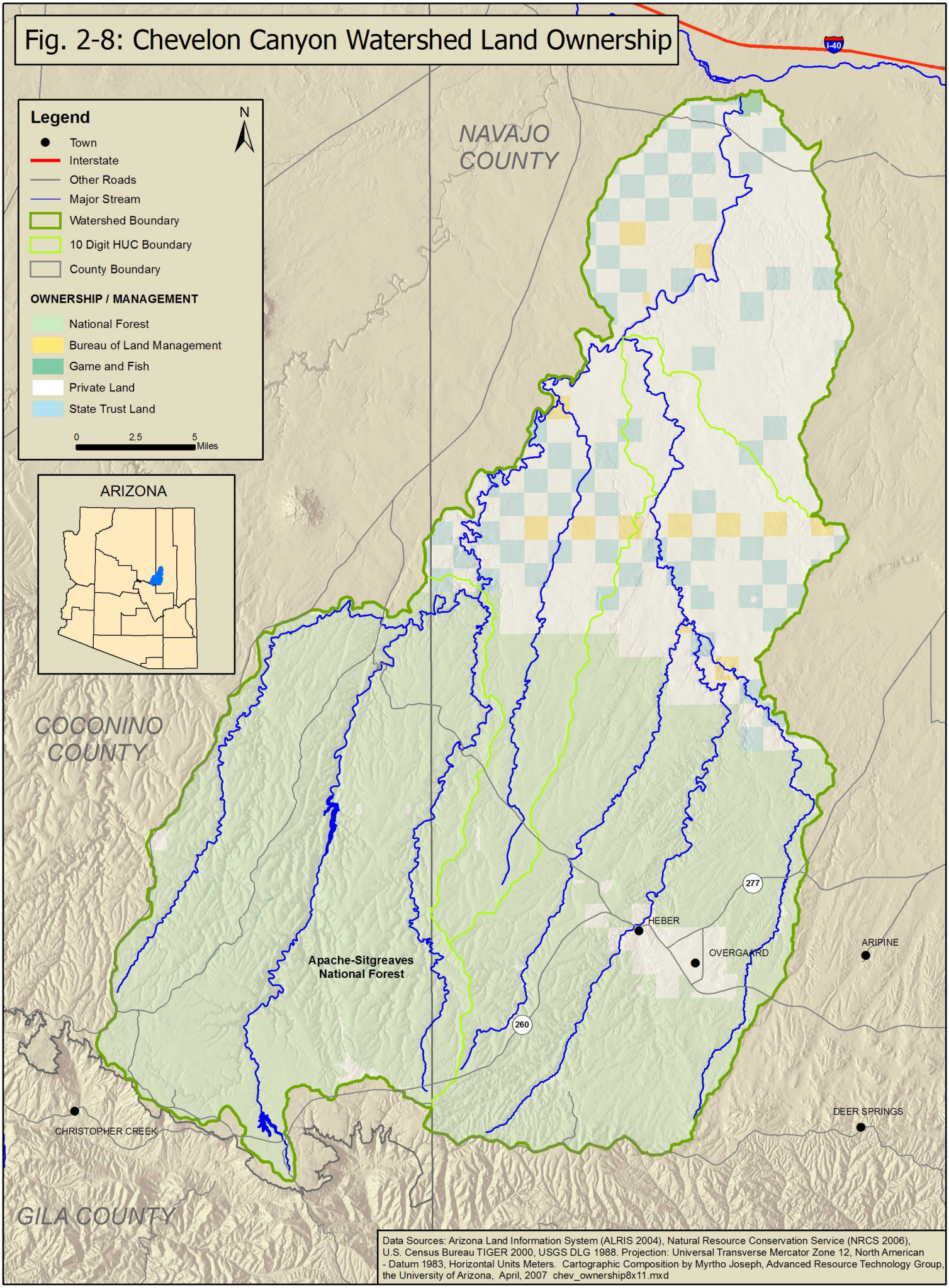


Fig. 2-8: Chevelon Canyon Watershed Land Ownership



Data Sources: Arizona Land Information System (ALRIS 2004), Natural Resource Conservation Service (NRCS 2006), U.S. Census Bureau TIGER 2000, USGS DLG 1988. Projection: Universal Transverse Mercator Zone 12, North American - Datum 1983, Horizontal Units Meters. Cartographic Composition by Myrtho Joseph, Advanced Resource Technology Group, the University of Arizona, April, 2007 chev_ownership8x11.mxd

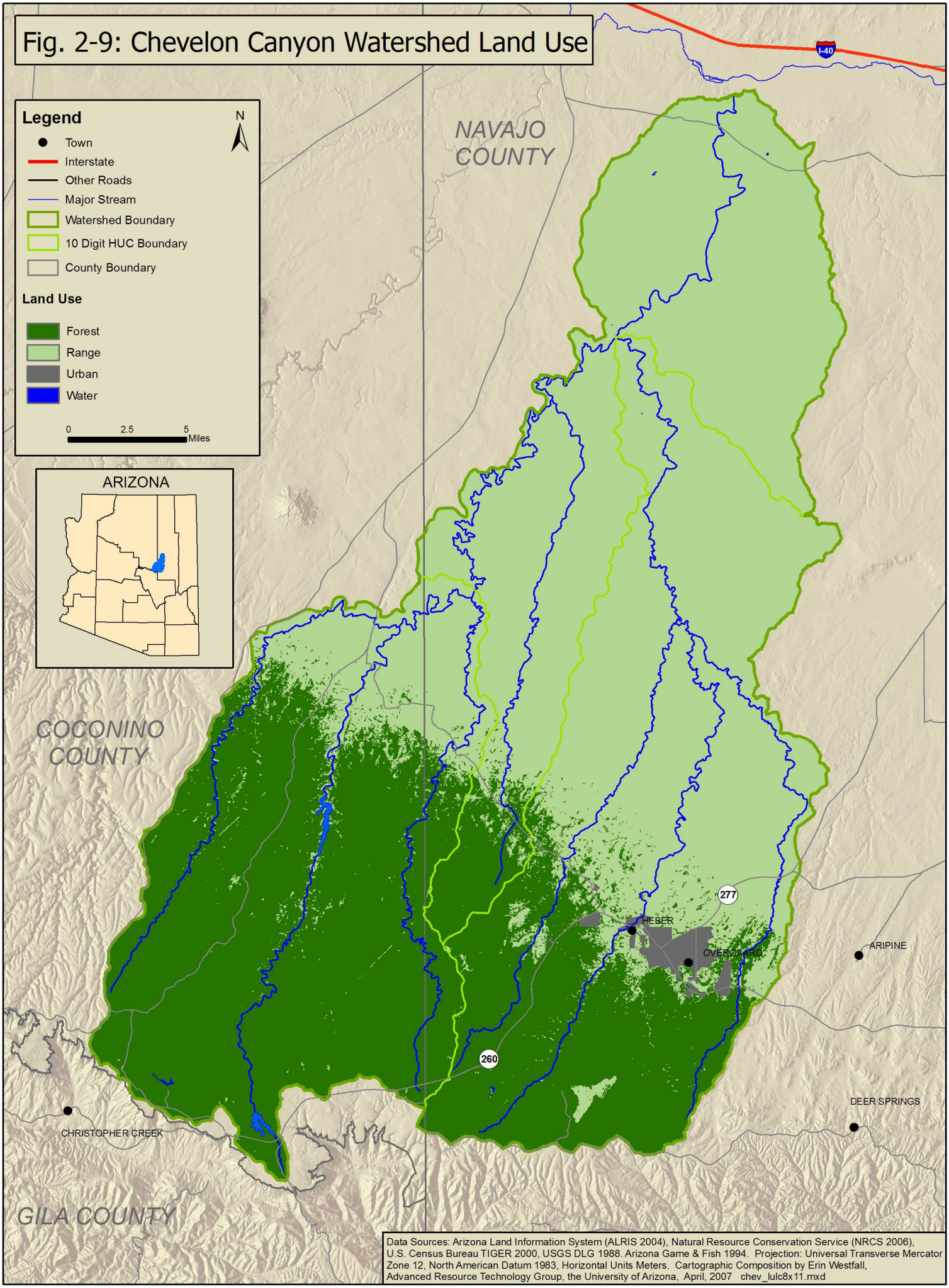
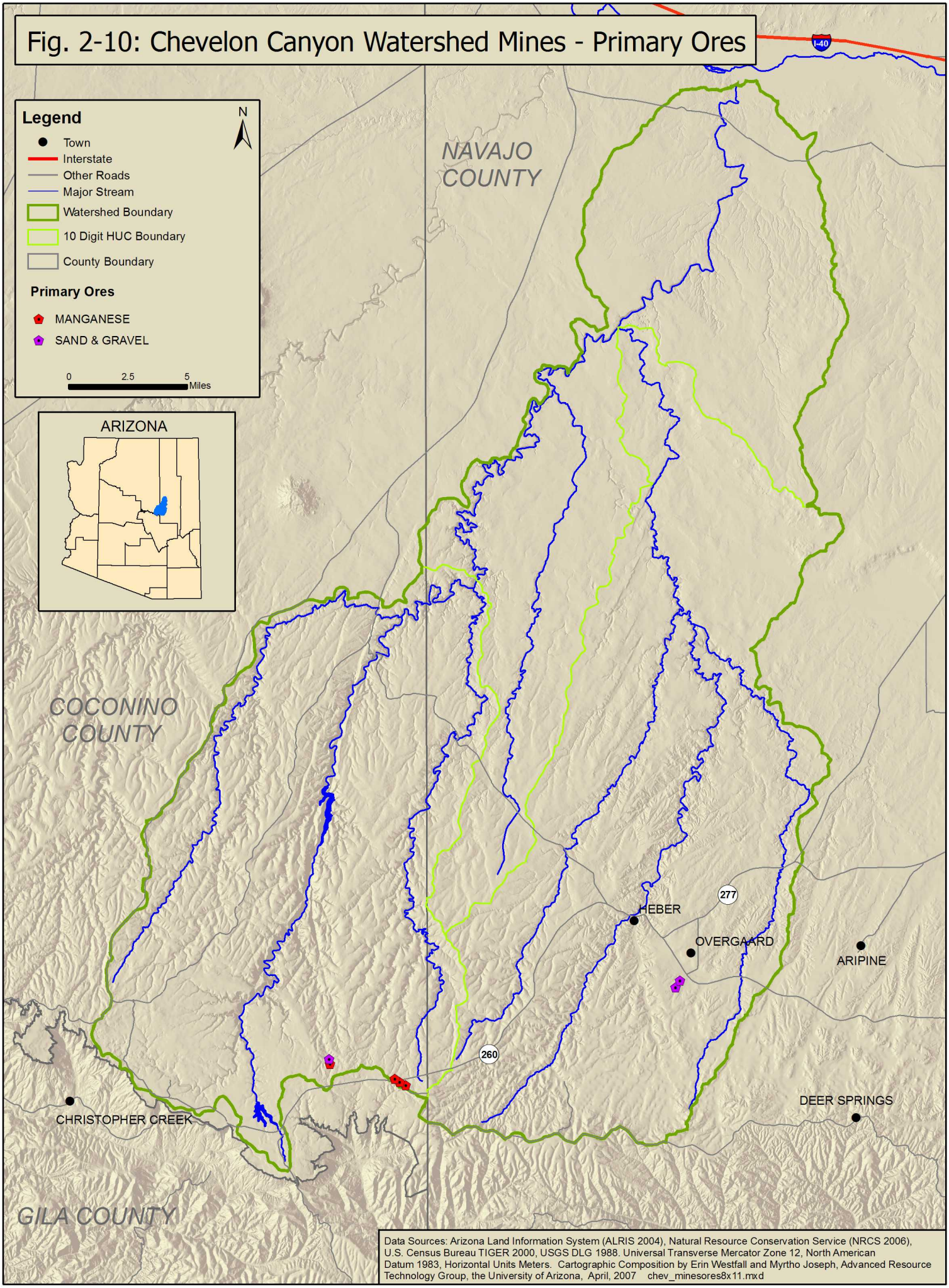


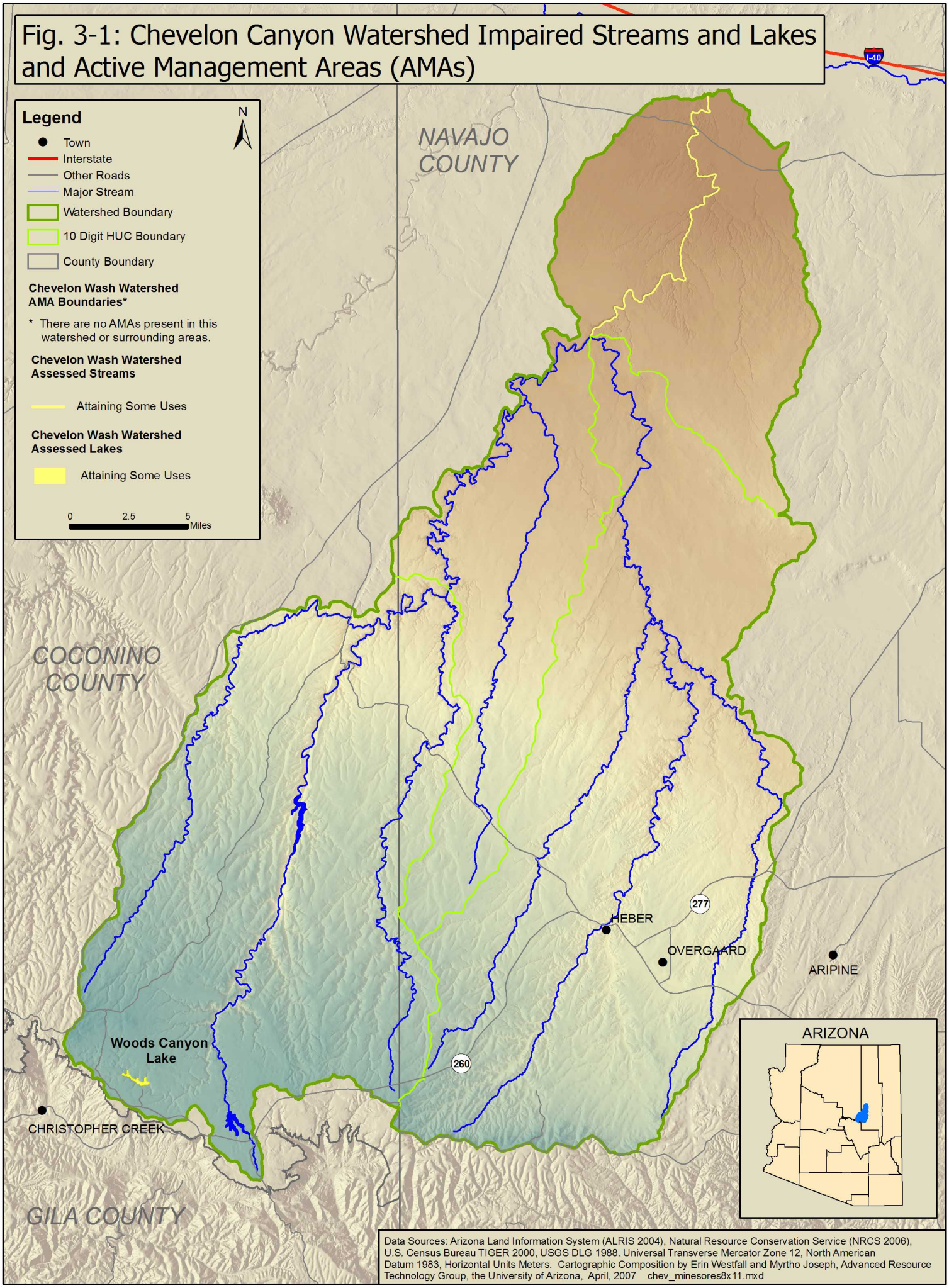
Fig. 2-9: Chevelon Canyon Watershed Land Use
Legend
Town
Interstate
Other Roads
Major Stream
Watershed Boundary
10 Digit HUC Boundary
County Boundary
Land Use
Forest
Range
Urban
Water
0
2.5
5
Miles
N
ARIZONA
NAVAJO COUNTY
COCONINO COUNTY
GILA COUNTY
I-40
277
260
HEBER
OVERGAARD
ARIPINE
DEER SPRINGS
CHRISTOPHER CREEK
Data Sources: Arizona Land Information System (ALRIS 2004), Natural Resource Conservation Service (NRCS 2006), U.S. Census Bureau TIGER 2000, USGS DLG 1988. Arizona Game & Fish 1994. Projection: Universal Transverse Mercator Zone 12, North American Datum 1983, Horizontal Units Meters. Cartographic Composition by Erin Westfall, Advanced Resource Technology Group, the University of Arizona, April, 2007 chev_lulc8x11.mxd

Fig. 2-10: Chevelon Canyon Watershed Mines - Primary Ores



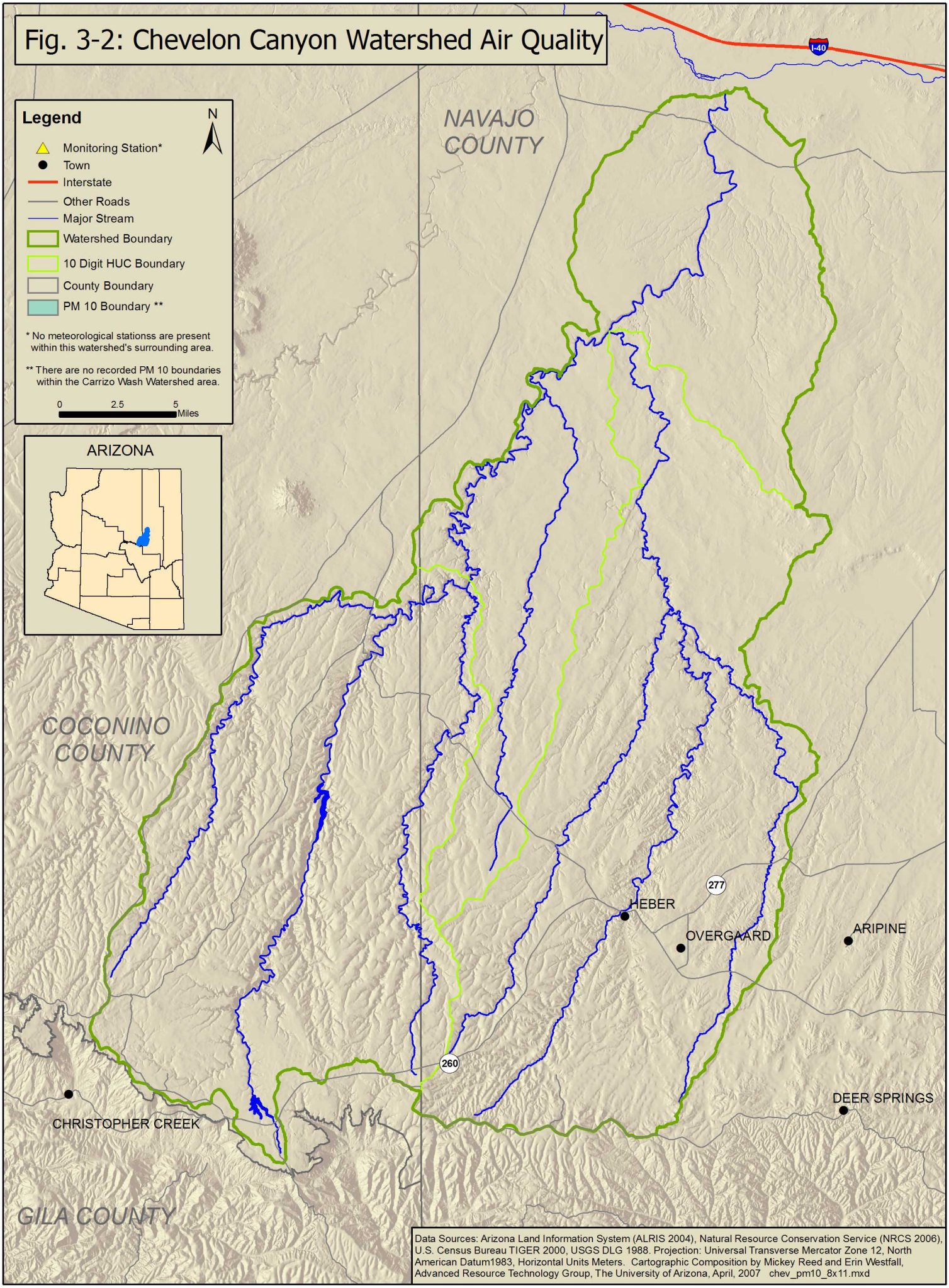
Data Sources: Arizona Land Information System (ALRIS 2004), Natural Resource Conservation Service (NRCS 2006), U.S. Census Bureau TIGER 2000, USGS DLG 1988. Universal Transverse Mercator Zone 12, North American Datum 1983, Horizontal Units Meters. Cartographic Composition by Erin Westfall and Myrtho Joseph, Advanced Resource Technology Group, the University of Arizona, April, 2007 chev_minesores8x11.mxd

Fig. 3-1: Chevelon Canyon Watershed Impaired Streams and Lakes and Active Management Areas (AMAs)



Data Sources: Arizona Land Information System (ALRIS 2004), Natural Resource Conservation Service (NRCS 2006), U.S. Census Bureau TIGER 2000, USGS DLG 1988. Universal Transverse Mercator Zone 12, North American Datum 1983, Horizontal Units Meters. Cartographic Composition by Erin Westfall and Myrtho Joseph, Advanced Resource Technology Group, the University of Arizona, April, 2007 chev_minesores8x11.mxd

Fig. 3-2: Chevelon Canyon Watershed Air Quality



Data Sources: Arizona Land Information System (ALRIS 2004), Natural Resource Conservation Service (NRCS 2006), U.S. Census Bureau TIGER 2000, USGS DLG 1988. Projection: Universal Transverse Mercator Zone 12, North American Datum1983, Horizontal Units Meters. Cartographic Composition by Mickey Reed and Erin Westfall, Advanced Resource Technology Group, The University of Arizona, April, 2007 chev_pm10_8x11.mxd

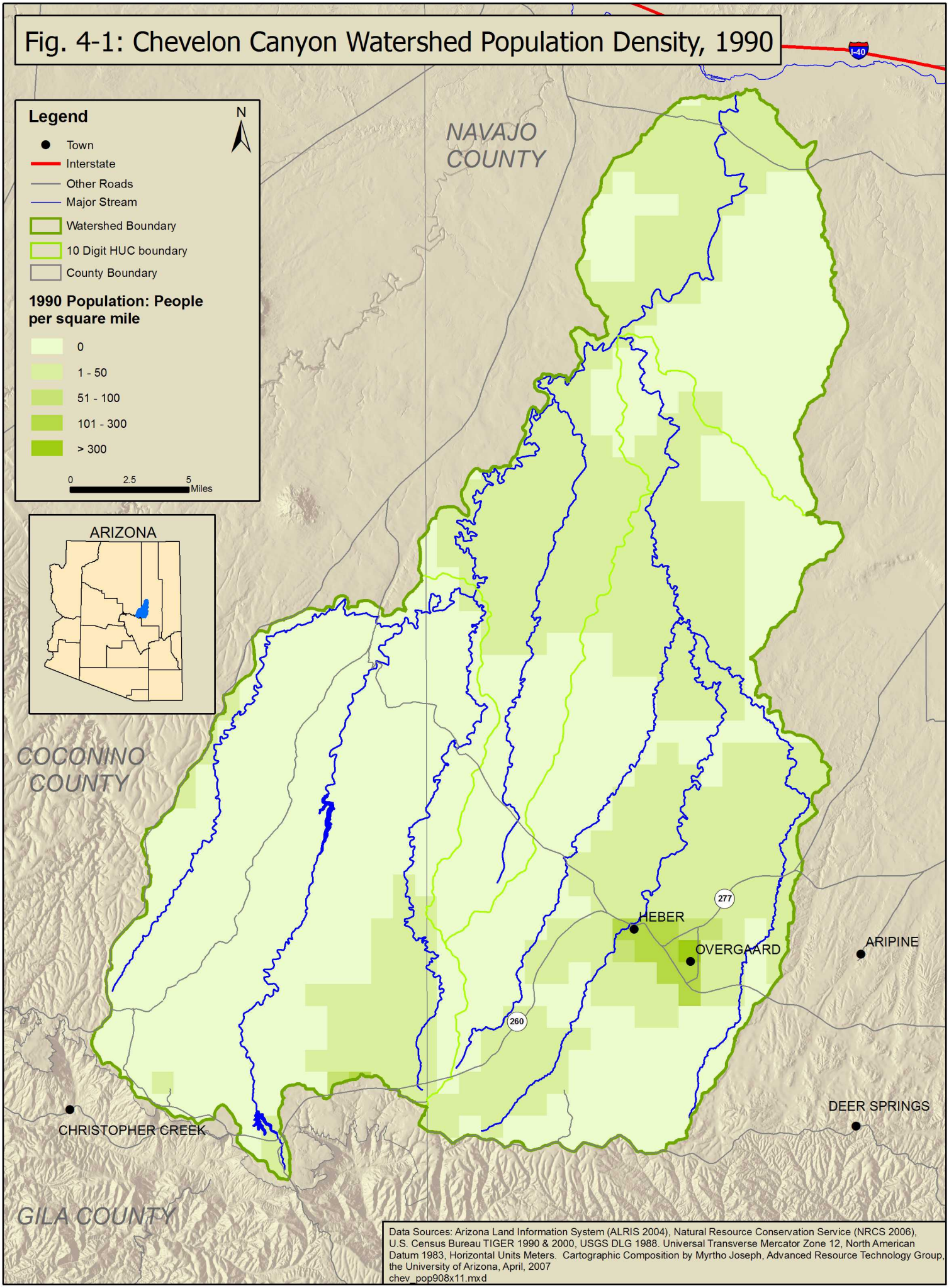


Fig. 4-1: Chevelon Canyon Watershed Population Density, 1990
Legend
N
Town
Interstate
Other Roads
Major Stream
Watershed Boundary
10 Digit HUC boundary
County Boundary
1990 Population: People per square mile
0
1 - 50
51 - 100
101 - 300
> 300
0
2.5
5
Miles
ARIZONA
NAVAJO COUNTY
COCONINO COUNTY
GILA COUNTY
I-40
277
260
HEBER
OVERGAARD
ARIPINE
DEER SPRINGS
CHRISTOPHER CREEK
Data Sources: Arizona Land Information System (ALRIS 2004), Natural Resource Conservation Service (NRCS 2006), U.S. Census Bureau TIGER 1990 & 2000, USGS DLG 1988. Universal Transverse Mercator Zone 12, North American Datum 1983, Horizontal Units Meters. Cartographic Composition by Myrtho Joseph, Advanced Resource Technology Group, the University of Arizona, April, 2007
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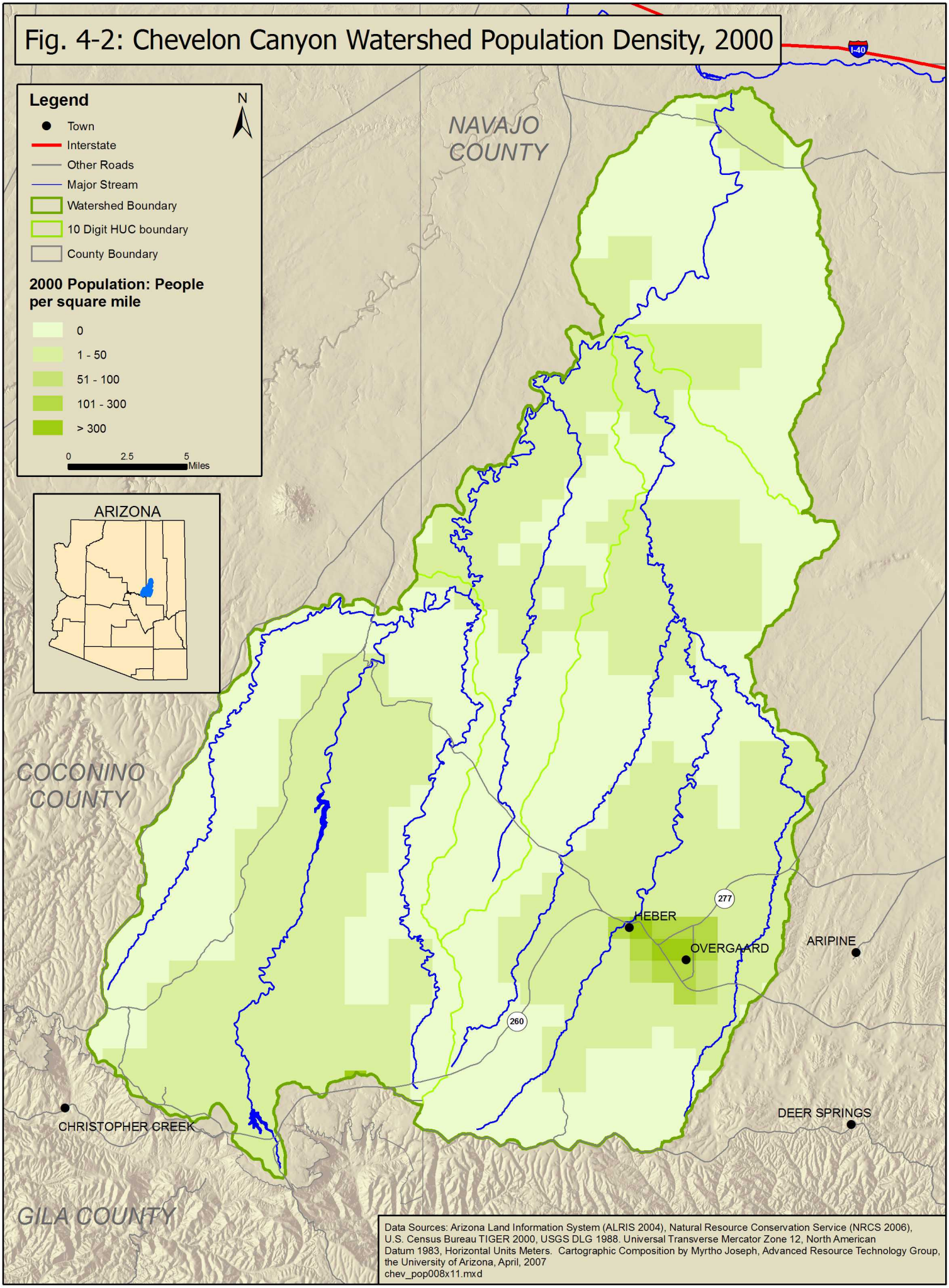
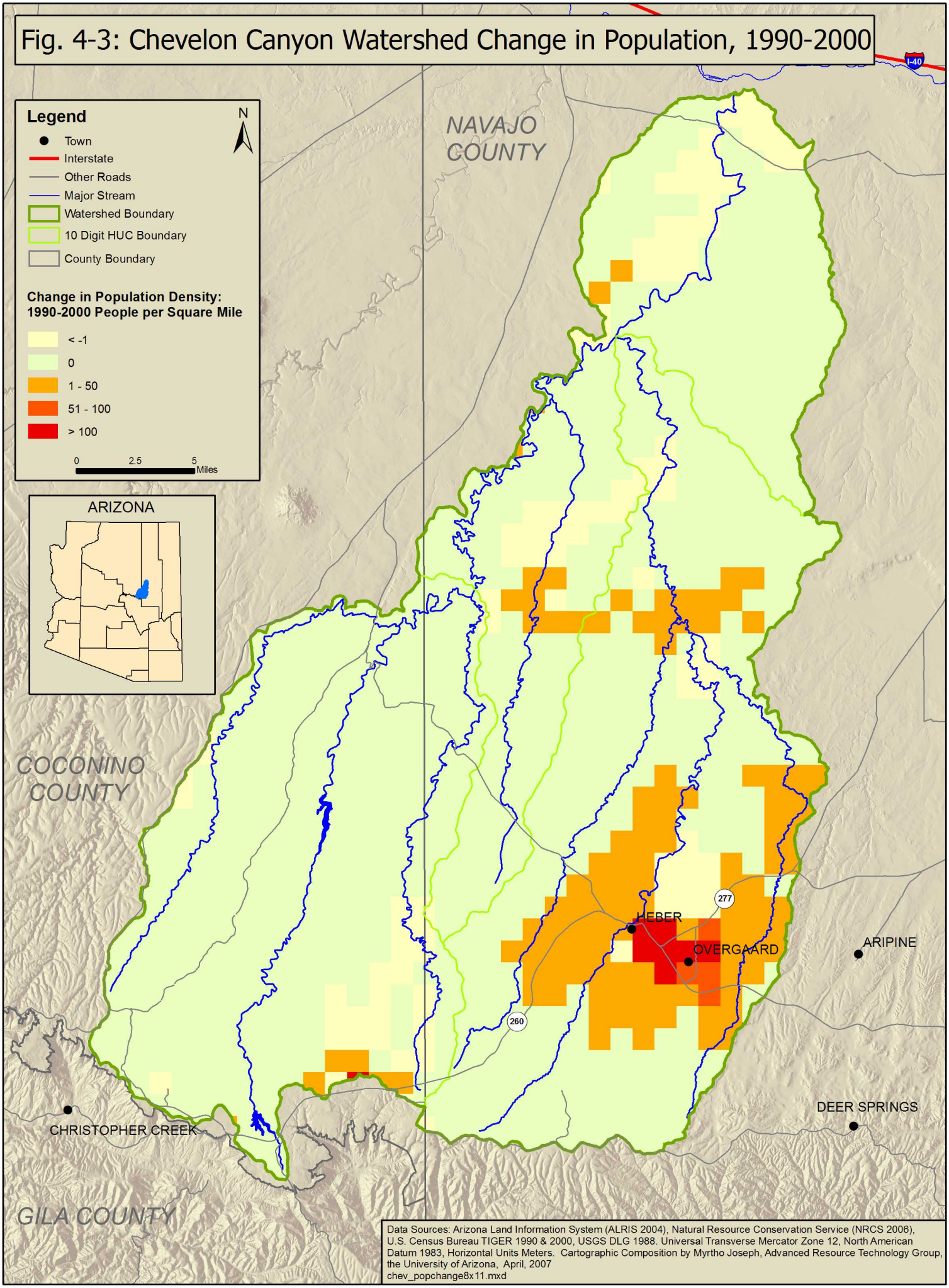


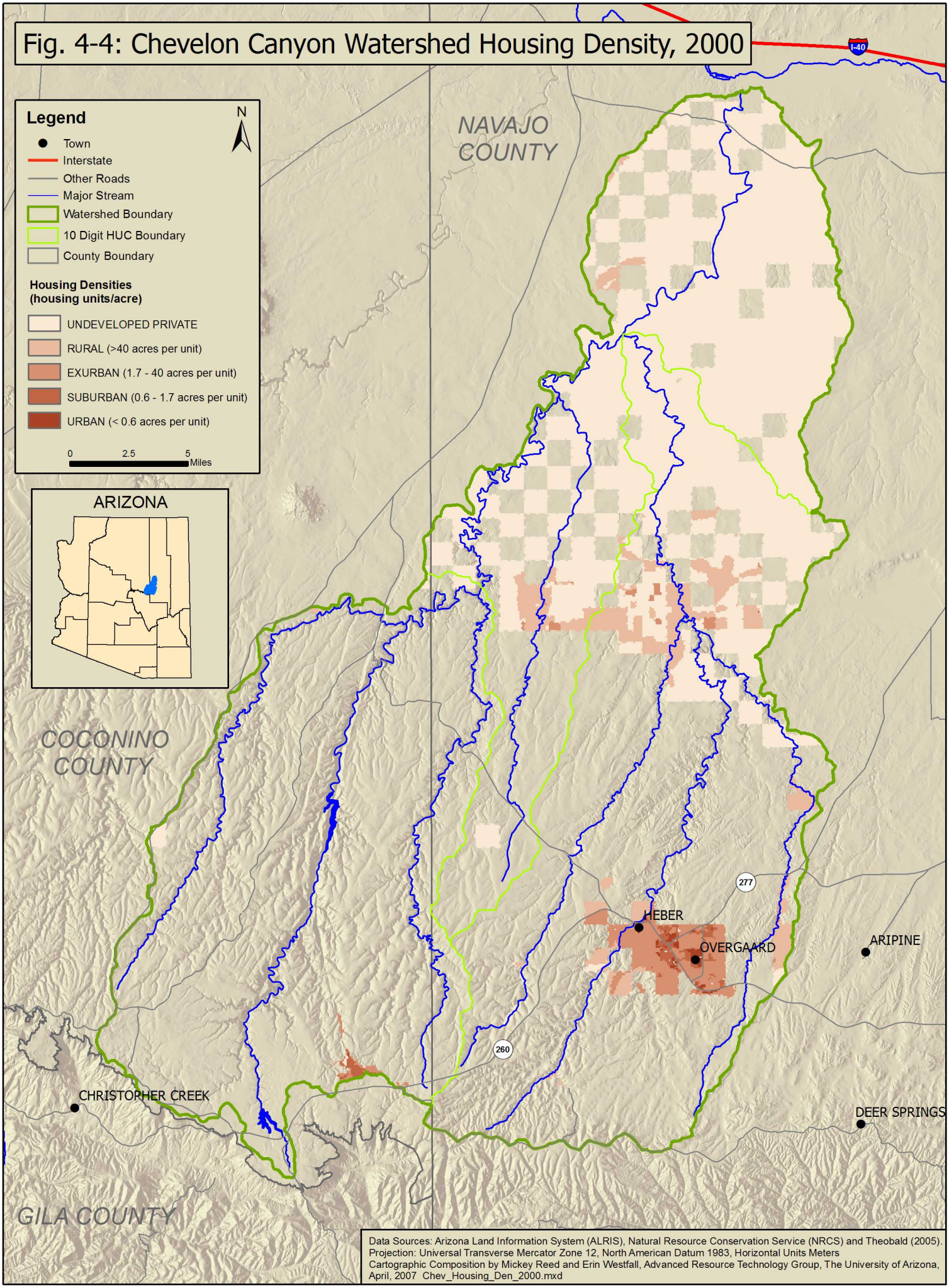
Fig. 4-2: Chevelon Canyon Watershed Population Density, 2000
Legend
N
Town
Interstate
Other Roads
Major Stream
Watershed Boundary
10 Digit HUC boundary
County Boundary
2000 Population: People per square mile
0
1 - 50
51 - 100
101 - 300
> 300
0
2.5
5
Miles
ARIZONA
NAVAJO COUNTY
COCONINO COUNTY
GILA COUNTY
I-40
277
260
HEBER
OVERGAARD
ARIPINE
CHRISTOPHER CREEK
DEER SPRINGS
Data Sources: Arizona Land Information System (ALRIS 2004), Natural Resource Conservation Service (NRCS 2006), U.S. Census Bureau TIGER 2000, USGS DLG 1988. Universal Transverse Mercator Zone 12, North American Datum 1983, Horizontal Units Meters. Cartographic Composition by Myrtho Joseph, Advanced Resource Technology Group, the University of Arizona, April, 2007
chev_pop008x11.mxd

Fig. 4-3: Chevelon Canyon Watershed Change in Population, 1990-2000



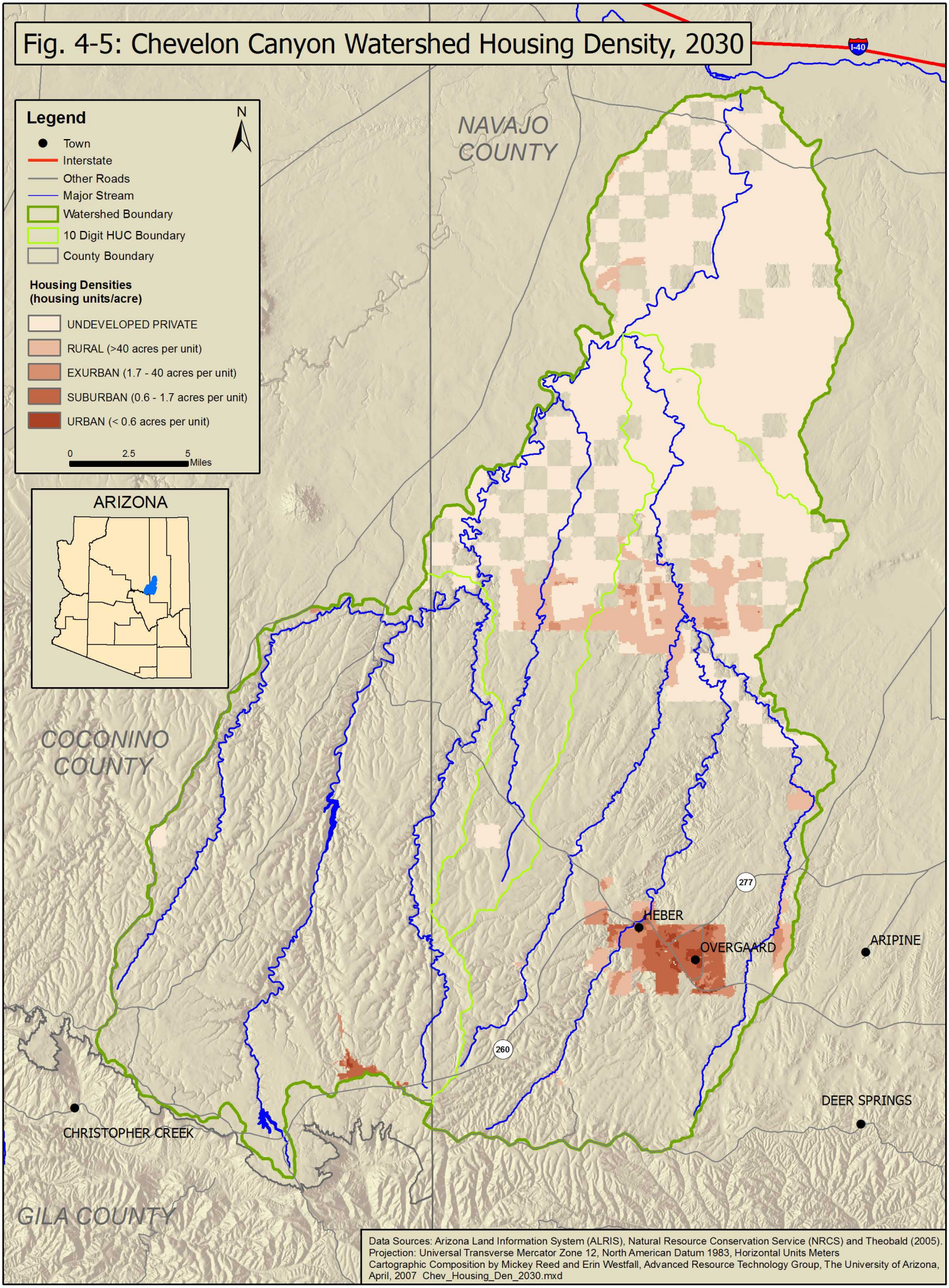
Data Sources: Arizona Land Information System (ALRIS 2004), Natural Resource Conservation Service (NRCS 2006), U.S. Census Bureau TIGER 1990 & 2000, USGS DLG 1988. Universal Transverse Mercator Zone 12, North American Datum 1983, Horizontal Units Meters. Cartographic Composition by Myrtho Joseph, Advanced Resource Technology Group, the University of Arizona, April, 2007
chev_popchange8x11.mxd

Fig. 4-4: Chevelon Canyon Watershed Housing Density, 2000



Data Sources: Arizona Land Information System (ALRIS), Natural Resource Conservation Service (NRCS) and Theobald (2005).
Projection: Universal Transverse Mercator Zone 12, North American Datum 1983, Horizontal Units Meters
Cartographic Composition by Mickey Reed and Erin Westfall, Advanced Resource Technology Group, The University of Arizona, April, 2007 Chev_Housing_Den_2000.mxd

Fig. 4-5: Chevelon Canyon Watershed Housing Density, 2030



Data Sources: Arizona Land Information System (ALRIS), Natural Resource Conservation Service (NRCS) and Theobald (2005).
Projection: Universal Transverse Mercator Zone 12, North American Datum 1983, Horizontal Units Meters
Cartographic Composition by Mickey Reed and Erin Westfall, Advanced Resource Technology Group, The University of Arizona, April, 2007 Chev_Housing_Den_2030.mxd