

# Game Management Units

Metadata also available as

## Frequently anticipated questions:

- [What does this data set describe?](#)
  1. [How should this data set be cited?](#)
  2. [What geographic area does the data set cover?](#)
  3. [What does it look like?](#)
  4. [Does the data set describe conditions during a particular time period?](#)
  5. [What is the general form of this data set?](#)
  6. [How does the data set represent geographic features?](#)
  7. [How does the data set describe geographic features?](#)
- [Who produced the data set?](#)
  1. [Who are the originators of the data set?](#)
  2. [Who also contributed to the data set?](#)
  3. [To whom should users address questions about the data?](#)
- [Why was the data set created?](#)
- [How was the data set created?](#)
  1. [From what previous works were the data drawn?](#)
  2. [How were the data generated, processed, and modified?](#)
  3. [What similar or related data should the user be aware of?](#)
- [How reliable are the data; what problems remain in the data set?](#)
  1. [How well have the observations been checked?](#)
  2. [How accurate are the geographic locations?](#)
  3. [How accurate are the heights or depths?](#)
  4. [Where are the gaps in the data? What is missing?](#)
  5. [How consistent are the relationships among the data, including topology?](#)
- [How can someone get a copy of the data set?](#)
  1. [Are there legal restrictions on access or use of the data?](#)
  2. [Who distributes the data?](#)
  3. [What's the catalog number I need to order this data set?](#)
  4. [What legal disclaimers am I supposed to read?](#)
  5. [How can I download or order the data?](#)
- [Who wrote the metadata?](#)

---

## What does this data set describe?

*Title:* Game Management Units

*Abstract:*

This dataset contains boundaries for Arizona Game Management Unit (GMU) boundaries. A Game Management Unit is a division established by the Arizona Game and Fish Commission for wildlife management purposes, including the setting of hunting seasons. A GMU specifies areas and times for which certain wildlife species may be taken. See

Arizona Game and Fish Commission Rule 12-4-108 in the official Arizona Hunting and Trapping Regulations for legal descriptions of GMU boundaries. The Arizona Hunting and Trapping Regulations booklet may be picked up at any Arizona Game and Fish Office or accessed electronically via the Internet at [www.azgfd.gov/regs/mainregs.pdf](http://www.azgfd.gov/regs/mainregs.pdf). The GMU shapefile underwent an extensive boundary review process in summer 2011 & was finalized in November 2011. In January 2013 the GMU file was edited to reflect changes to ARS Title 12 Chapter 4 Rule 108.

*Supplemental Information:*

A legal description of designated Game Management Unit boundaries is available from Arizona Game and Fish Department offices (Commission Rule 12-4-108).

**1. How should this data set be cited?**

Arizona Game & Fish Department, GIS Program, 20110101, Game Management Units: Hunting and Trapping Regulations 2010-2011, Arizona Game and Fish Department, Phoenix, AZ.

**2. What geographic area does the data set cover?**

*West\_Bounding\_Coordinate:* -115.027291

*East\_Bounding\_Coordinate:* -108.914333

*North\_Bounding\_Coordinate:* 37.039200

*South\_Bounding\_Coordinate:* 31.277137

**3. What does it look like?**

**4. Does the data set describe conditions during a particular time period?**

**5. What is the general form of this data set?**

*Geospatial\_Data\_Presentation\_Form:* map

**6. How does the data set represent geographic features?**

**a. How are geographic features stored in the data set?**

This is a Vector data set. It contains the following vector data types (SDTS terminology):

- GT-polygon composed of chains (85)

**b. What coordinate system is used to represent geographic features?**

The map projection used is NAD 1983 UTM Zone 12N.

Projection parameters:

*Scale\_Factor\_at\_Central\_Meridian:* 0.9996

*Longitude\_of\_Central\_Meridian:* -111.0

*Latitude\_of\_Projection\_Origin:* 0.0

*False\_Easting:* 500000.0

*False\_Northing:* 0.0

Planar coordinates are encoded using coordinate pair  
Abcissae (x-coordinates) are specified to the nearest 0.0001  
Ordinates (y-coordinates) are specified to the nearest 0.0001  
Planar coordinates are specified in meter

The horizontal datum used is D North American 1983.  
The ellipsoid used is GRS 1980.  
The semi-major axis of the ellipsoid used is 6378137.0.  
The flattening of the ellipsoid used is 1/298.257222101.

## 7. How does the data set describe geographic features?

### **GameMgmtUnits**

Game Mgmt Unit Boundaries (Source: AGFD)

#### **OBJECTID**

Internal feature number. (Source: Esri)

*Sequential unique whole numbers that are automatically generated.*

#### **Shape**

Feature geometry. (Source: ESRI)

*Coordinates defining the features.*

#### **GMU**

Game Management Unit name (Source: AGFD)

#### **GF\_REGION**

Arizona Game and Fish regional office identifier (Source: AGFD)

#### **REG\_NAME**

Arizona Game and Fish Department regional office name (Source: AGFD)

#### **SQ\_MILES**

Area in square miles; field calculated in ArcGIS (Source: AGFD)

#### **ACRES**

Acres; calculated in ArcGIS (Source: AGFD)

#### **LANDOWN**

Landowners within the game management unit (Source: AGFD)

#### **HUNT**

Game species that have harvest season within the game management unit (Source: AGFD)

#### **AGFDLink**

Link to AZ Game and Fish website for more info about a game management unit (Source: AGFD)

#### **USFSLink**

Link to U.S. Forest Service website more more info (Source: AGFD)

**BLMLink**

Link to Bureau of Land Management (BLM) website for more info (Source: AGFD)

**USFWSLink**

Link to US Fish & Wildlife Service website for more info (Source: AGFD)

**Military**

Military lands within the game management unit boundary (Source: AGFD)

**USFSName**

National forests within the game management unit (Source: AGFD)

**DESCRIPTION**

Legal description of game management unit boundary as written in the regulations (Source: AGFD)

**TERMS\_COND**

Terms & Conditions regarding the use of the data. (Source: AGFD)

**created\_date**

Date featured was created (Source: automatically generated)

**created\_user**

User id of person who created feature (Source: automatically generated)

**last\_edited\_date**

Date that feature was last edited (Source: automatically generated)

**last\_edited\_user**

User id of person who last edited the feature (Source: automatically generated)

**Shape\_Length**

Length of feature in internal units. (Source: Esri)

*Positive real numbers that are automatically generated.*

**Shape\_Area**

Area of feature in internal units squared. (Source: Esri)

*Positive real numbers that are automatically generated.*

*Entity\_and\_Attribute\_Overview:* Unit\_No = the Game Management Unit number.

*Entity\_and\_Attribute\_Detail\_Citation:*

Arizona Game and Fish Commission Rule 12-4-108, Management Unit Boundaries

---

## Who produced the data set?

1. **Who are the originators of the data set?** (may include formal authors, digital compilers, and editors)
  - Arizona Game & Fish Department, GIS Program

## 2. Who also contributed to the data set?

GIS Program, Habitat Branch, Wildlife Management Division, Arizona Game and Fish Department

## 3. To whom should users address questions about the data?

AZ Game and Fish Department  
Attn: Nicole Eiden  
GIS Data Manager  
5000 W Carefree Hwy  
Phoenix, AZ 85086  
US

623-236-7609 (voice)  
gis@azgfd.gov

*Hours\_of\_Service:* 8 am - 5 pm Mon. through Fri.

---

## Why was the data set created?

Data are provided for a variety of planning and analysis purposes.

---

## How was the data set created?

### 1. From what previous works were the data drawn?

#### Management Unit Boundaries (source 1 of 1)

Arizona Game and Fish Commission, unknown, Hunting and Trapping Regulations: Hunting and Trapping Regulations 2011-2012, Arizona Game and Fish Department, Phoenix AZ.

Online Links:

- <http://www.azgfd.gov/regs/mainregs.pdf>

*Type\_of\_Source\_Media:* hardcopyPaper

*Source\_Scale\_Denominator:* 100000

*Source\_Contribution:* Arizona Game and Fish Commission Rule 12-4-108

### 2. How were the data generated, processed, and modified?

Date: 01-Jan-2011 (process 1 of 2)

A written description of the boundaries was used to create polygons feature class using a ArcGIS Desktop 10-ArcInfo geodatabase. The written descriptions are located in the official Arizona Hunting and Trapping Regulations publication. Data integrity was checked using geodatabase topology rules. Attributes were added to describe the GMUs,

and the boundary description was added directly to the attribute table. The feature class was exported to ESRI shapefile format using ArcGIS ArcCatalog.

Person who carried out this activity:

Arizona Game and Fish  
Attn: Laura Campbell  
5000 W Carefree Highway  
Phoenix, AZ 85086

gis@azgfd.gov

Date: 11-Feb-2013 (process 2 of 2)

Game Management Unit features were updated to reflect changes to legal descriptions describing game management unit boundaries. Unit 47M was deleted, and boundaries for 25M, 26M and 42 were added according to the new boundary descriptions.

Person who carried out this activity:

Arizona Game & Fish Department  
Attn: Nicole Eiden  
GIS Data Manager  
5000 West Carefree Hwy  
Phoenix, AZ 85086  
US

623-236-7609 (voice)  
623-236-7920 (FAX)  
gis@azgfd.gov

*Hours\_of\_Service:* 8 am - 5 pm, Mon. through Fri.

### 3. What similar or related data should the user be aware of?

---

## How reliable are the data; what problems remain in the data set?

1. How well have the observations been checked?
  2. How accurate are the geographic locations?
  3. How accurate are the heights or depths?
  4. Where are the gaps in the data? What is missing?
  5. How consistent are the relationships among the observations, including topology?
- 

## How can someone get a copy of the data set?

**Are there legal restrictions on access or use of the data?**

*Access\_Constraints:* None.

*Use\_Constraints:*

These data are for reference purposes only. See Arizona Game and Fish Commission Rule 12-4-108 in the official Arizona Hunting and Trapping Regulations for legal descriptions of GMU boundaries. The Arizona Hunting and Trapping Regulations booklet may be picked up at any Arizona Game and Fish Office or accessed electronically via the Internet at [www.azgfd.gov](http://www.azgfd.gov).

**1. Who distributes the data set? (Distributor 1 of 2)**

Arizona Game and Fish Department

Attn: Nicole Eiden

GIS Data Manager

WMHB

Phoenix, AZ 85086

US

623-236-7609 (voice)

623-236-7366 (FAX)

[gis@azgfd.gov](mailto:gis@azgfd.gov)

*Hours\_of\_Service:* 8 am - 5 pm Mon. through Fri.

**2. What's the catalog number I need to order this data set?****3. What legal disclaimers am I supposed to read?**

The Arizona Game and Fish Department makes no representation or warranties, express or implied, with respect to the reuse of data provided herewith, regardless of its format or the means of its transmission. There is no guarantee or representation to the user as to the accuracy, currency, suitability, or reliability of this data for any purpose. The Arizona Game and Fish Department assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data. The Department develops geospatial data for reference and planning purposes only and should not be used, and is not intended for, survey or engineering purposes.

**4. How can I download or order the data?****◦ Availability in digital form:**

**Data format:** ESRI polygon shapefile (version ESRI ArcGIS v. 9.1) ESRI shapefile Size: 2.981

**Media you can order:** (format ISO 9660)

**◦ Cost to order the data:** none

- **Special instructions:**

Contact GIS Data Manager

---

1. **Who distributes the data set?** (Distributor 2 of 2)

Arizona Game & Fish Department  
GIS Data Manager  
5000 West Carefree Hwy  
Phoenix, AZ 85086  
US

623-236-7609 (voice)  
623-236-7920 (FAX)  
gis@azgfd.gov

*Hours\_of\_Service:* 8 am - 5 pm, Mon. through Fri.

2. **What's the catalog number I need to order this data set?**

3. **What legal disclaimers am I supposed to read?**

The Arizona Game and Fish Department makes no representation or warranties, express or implied, with respect to the reuse of data provided herewith, regardless of its format or the means of its transmission. There is no guarantee or representation to the user as to the accuracy, currency, suitability, or reliability of this data for any purpose. The Arizona Game and Fish Department assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data. The Department develops geospatial data for reference and planning purposes only and should not be used, and is not intended for, survey or engineering purposes.

4. **How can I download or order the data?**

---

## Who wrote the metadata?

Dates:

Last modified: 17-Jul-2013

Metadata author:

Arizona Game & Fish Department  
Attn: Nicole Eiden  
GIS Data Manager  
5000 West Carefree Hwy  
Phoenix, AZ 85086  
US



623-236-7609 (voice)

623-236-7920 (FAX)

gis@azgfd.gov

*Hours\_of\_Service*: 8 am - 5 pm, Mon. through Fri.

Metadata standard:

FGDC Content Standard for Digital Geospatial Metadata (FGDC-STD-001-1998)

---

Generated by [mp](#) version 2.9.12 on Wed Jul 17 14:36:37 2013