U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map US Topo

GRAMA SPRING QUADRANGLE
ARIZONA
7.5-MINUTE SERIES

112°45' | 112°37'30" | 36°37'30" | 36°30'

344000mE | 460000 FEET (AZ C) | 1030000 FEET (AZ W) | 490000 FEET (AZ C)

4054000mN | 2040000 FEET (AZ C) | 2 040 000 FEET (AZ W) | 2010000 FEET (AZ C) | 2010000 FEET (AZ W) | 4041000mN

35' | 32'30" | 42'30" | 40' | 42'30"

Grama Canyon
Sunshine Point Catchment
Grama Spring
Bulrush Point
KAIBAB NATIONAL FOREST
Big Cove Canyon
Kanab Cr
MOHAVE CO
COCONINO CO
Dinner Pockets Canyon
Sunshine Point
Hack Canyon
Willow Spring
Grama Canyon
Lawson Canyon
Water Canyon Point
Water Canyon Catchment
KAIBAB NATIONAL FOREST
Chamberlain Canyon
Water Canyon

Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and 1 000-meter grid: Universal Transverse Mercator, Zone 12S
10 000-foot ticks: Arizona Coordinate System of 1983 (west and central zones)

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery	NAIP, June 2013
Roads	HERE, ©2013
Roads within US Forest Service Lands	FSTopo Data with limited Forest Service updates, 2013
Names	GNIS, 2013
Hydrography	National Hydrography Dataset, 2013
Contours	National Elevation Dataset, 2000
Boundaries	Multiple sources; see metadata file 1972 - 2014
Public Land Survey System	BLM, 2011

MN 11° 24' 203 MILS
GN 1° 0' 18 MILS
UTM GRID AND 2014 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
UF
Grid Zone Designation
12S

SCALE 1:24 000

1 0.5 0 KILOMETERS 1 2
1000 500 0 METERS 1000 2000
1 0.5 0 1
MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
FEET

CONTOUR INTERVAL 40 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is draft version 0.6.16

ARIZONA
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

ADJOINING QUADRANGLES
1 Sunshine Ridge
2 Findlay Tank
3 Gunsight Point
4 Robinson Canyon
5 Jumpup Point
6 Hitson Tank
7 Kanab Point
8 Fishtail Mesa

ROAD CLASSIFICATION

Expressway
Secondary Hwy
Ramp
Local Connector
Local Road
4WD
Interstate Route
US Route
State Route
FS Primary Route
FS Passenger Route
FS High Clearance Route

Check with local Forest Service unit for current travel conditions and restrictions.

GRAMA SPRING, AZ
2014

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