

2005 List of Arizona Meteorites

Meteorite Name	County	Type of Meteorite*	Fall/Find and Year
Bagdad	Mohave	Iron	Found 1959
Canyon Diablo	Coconino	Iron	Found 1891
Cat Mountain	Pima	OC	Found 1980-82 *
Cave Creek	Santa Cruz	OC	Found 1992 *
Clover Springs	Gila	MES	Found 1954
Coon Butte	Coconino	OC	Found 1905
Cottonwood	Yavapai	OC	Found 1955
Coyote Mountains	Pima	OC	Found 1998 *
Dos Cabezas	Cochise	OC	Found 1998 *
El Mirage	Maricopa	Iron	Found 1972
Fish Canyon	Pima	Iron	Found 1992 *
Franconia	Mohave	OC	Found 2002 *
Gold Basin	Mohave	OC	Found 1995 *
Golden Mile	Mohave	OC	Found 2000 *
Golden Rule	Mohave	OC	Found 1999 *
Greaterville	Pima	OC	Found 1995 *
Gun Creek	Gila	Iron	Found 1909
Hassayampa	Maricopa	OC	Found 1963 [†]
Hickiwan	Pima	OC	Found 1974
Holbrook	Navajo	OC	Fell 1912
Hualapai Wash 020	Mohave	OC	Found 2003
Hualapai Wash 021	Mohave	OC	Found 1997 *
King Tut	Mohave	OC	Found 1997 *
Kofa	Yuma	Iron	Found 1893
Little Ash Creek	Yavapai	OC	Found 2001
Maricopa	Maricopa	OC	Found 1980
Mohawk	Yuma	Iron	Found 2000 *
Navajo	Apache	Iron	Found 1921
Payson	Gila	OC	Found 2001
Pima County	Pima	Iron	Found 1947 [†]
Ragged Top	Pima	OC	Found 1997 *
Red Lake Playa	Mohave	OC	Found 2001
Ryan Field	Pima	OC	Found 1982
San Francisco Mtns	Coconino?	Iron	Found ~1920
Seligman	Coconino	Iron	Found 1949
Silver Bell	Pima	Iron	Found 1939 [†]
Snyder Hill	Pima	OC	Found 1994 *
Southern Arizona	?	Iron	Found 1947
Temple Bar	Mohave	CC	Found 1998
Tucson	Pima?	Iron	Found 1850 [†]
Udall Park	Pima	OC	Found 1985 *
Wallapai	Mohave	Iron	Found 1927
Weaver Mtns	Maricopa	Iron	Found 1898
White Elephant	Mohave	OC	Found 1997
White Hills	Mohave	Mes	Found 1999 *
Wickenburg	Maricopa	OC	Found 1940
Wikieup	Mohave	OC	Found 1965
Wildcat Peak	Pinal	OC	Found 1998 *
Willcox Playa	Cochise	OC	Found 1979
Willcox Playa 002	Cochise	OC	Found 2001
Winona	Coconino	AC	Found 1928 [‡]

OC = ordinary chondrite, MES = mesosiderite, AC = unusual achondrite.

[†] Found sometime before this year

[‡] Rediscovered in a prehistoric stone cist in 1928

* Identified and/or classified by UA Meteorite Recovery Program

Meteorite Recovery Program

Highlights (as of January 2006):

Responsible for recovering 1/3 of all meteorites found in Arizona history. Although meteorites have been recovered for over 150 years in Arizona, this success was accomplished in less than 15 years.

Recovered the world's first chondritic impact melt breccia (Cat Mountain).

Recovered the world's largest stony meteoroid (Gold Basin). This complements Arizona's Canyon Diablo meteorites, which are fragments of the world's largest iron meteoroid.

Provided material from the Moon, Mars, and several asteroids for research by undergraduate students, graduate students, and faculty, generating numerous publications.

As a component of an active research program, the meteorite recovery program is partly responsible for over 1 million dollars in external research grants.

Published the educational booklet *Meteorites and Their Properties*.

Because of popular demand, the program printed a second edition of *Meteorites and Their Properties*.

To accommodate a broader international audience, the program published an on-line edition of *Meteorites and Their Properties*.

To further broaden the booklet's utility, a Spanish edition of the booklet was prepared and published on-line.

The recovery program is the source of multiple national and international science documentaries for television.

The recovery program is the source of multiple stories in high-profile magazines.

The recovery program is the source of multiple stories in both small-town and big-city newspapers throughout Arizona.

The program has been a great way to reach citizens in all Arizona counties.

The program has engaged citizens throughout Arizona and the rest of the world in planetary exploration. Meteorites are essentially free planetary samples, obtained

without the cost of a spacecraft mission. They have been used to convey to the public the science involved in the origin and evolution of the solar system from a nebular disk of dust and gas to an active geologic system with planetary bodies like the Moon and Mars.