

Barringer Meteor Crater Location

Winslow was founded in 1882 as a railroad town. It was named after General Edward F. Winslow, President of the St. Louis & Southwestern Railway. By 1957, railroad travel had all but stopped. The now historical Route 66 (a.k.a. "The Mother Road"), was established in 1926, passing through the middle of the town in what is now Second Street. Travel by motorist on the historic route lessened with the construction of interstate 40. 0d179b6669 The film's premise, which follows a group of scientists struggling with Cold War politics after an asteroid is detected to be on a collision course with Earth, was inspired by a 1967 MIT report, Project Icarus. 0d179b6669 The web site of the University of Texas of the Permian Basin (UTPB, Center for Energy and Economic Diversification), identifies five craters at the Odessa site and shows a distribution map of the meteorite fragments recovered from the area. The recoveries have generally come from an area to the north and northwest of the main crater site, with only a few found to the south. They indicate that the structure of the main crater, because it was one of the earliest to be recognized and studied, is now used to name similar impact sites on a worldwide basis. Over 1500 meteorites... 0d179b6669

Impact crater In contrast to volcanic craters, which result from explosion or internal collapse, impact craters typically have raised rims and floors that are lower in elevation than the surrounding terrain. Meteor Crater is a well-known example of a small impact crater on Earth. Most An impact crater is a depression in the surface of a solid astronomical body formed by the hypervelocity impact of a smaller object. Daniel M. Impact craters range in size from microscopic craters seen on lunar rocks returned by the Apollo Program to simple bowl-shaped depressions and vast, complex, multi-ringed impact basins. Impact craters are typically circular, though they can be elliptical in shape or even irregular due to events such as landslides. Barringer, a mining engineer, was convinced already in 1903 that the crater he owned, Meteor Crater, was of cosmic origin. plate tectonics 0d179b6669

The crater is mostly eroded but remains well exposed. At the center of the crater are the hilly remains of the central peak produced by the impact. Known as Sierra Madera or Madera Mountain, the uplift rises 4,593 ft (1,400 m) above sea level. The peak occupies most of the crater and is its most prominent feature, spanning about 5 mi (8 km) across. Strongly folded and faulted carbonate and siliciclastic rock layers from the upper Paleozoic to Cretaceous comprise the central structure, along with breccia fragments spanning as much as several meters across. The oldest Permian... 0d179b6669 == Confirmed impact structures listed by size and age == 0d179b6669 In 1942 Ninninger founded the American Meteorite Museum, which was first located near Meteor Crater, Arizona (1942-1953), then in Sedona, Arizona (1953-1960). 0d179b6669 Part of the Ninninger Collection was sold to the British Museum in 1958, and the remainder of the collection was sold to the Arizona State University Center for Meteorite Studies in 1960 which displays a selection of these

meteorites in their public museum. 0d179b6669 These features were caused by the collision of meteors (consisting of large fragments of asteroids) or comets (consisting of ice, dust particles and rocky fragments) with the Earth. For eroded or buried craters, the stated diameter typically refers to the best available estimate of the original rim diameter, and may not correspond to present surface features. Time units are either in ka (thousands) or Ma (millions) of years. 0d179b6669 Meteor City was first opened in 1938 and was operated as the Sharber Service Station, under the Texaco brand, by Arizona resident Joe Sharber. 0d179b6669

Meteor Crater Meteor Crater, or Barringer Crater, is an impact crater about 37 mi (60 km) east of Flagstaff and 18 mi (29 km) west of Winslow in the desert of northern Arizona, United States. The site had several earlier names, and fragments of the meteorite are officially called the Canyon Diablo Meteorite, after the adjacent Canyon Diablo 0d179b6669

List of impact structures on Earth Studies Group, US Impact Meteor Crater Viewer Google Maps Page with Locations of Meteor Craters around the world Impact Craters at Lunar and Planetary Institute This list of impact structures (including impact craters) on Earth contains the majority of the 194+ confirmed impact structures given in the Earth Impact Database as of 2024 0d179b6669

Winslow has two districts, four individual structures and one archaeological site listed in the National Register of Historic Places. They are the following: 0d179b6669 == Formation == 0d179b6669 Despite its name, Meteor City was never the name of a town, rather, it was a trading post. The Meteor City Trading Post, named in honor of the nearby Meteor or Barringer Crater, is the first of three Route 66-inspired roadside attractions located only a few miles apart along a 30-mile stretch west on Interstate 40 from Winslow to Flagstaff: Meteor City; the ghost town of Two Guns and the ruins of the Twin Arrows Trading Post / Diner and Gas Station, which now marks the turnoff for the new Twin Arrows Navajo Casino Resort. 0d179b6669

Meteor (film) in the film's production. It stars Sean Connery and Natalie Wood, along with an ensemble cast featuring Karl Malden, Brian Keith, Martin Landau, Trevor Howard, Richard Dysart and Henry Fonda. Meteor premiered to the press prior to its October 19, 1979 on the floor of the Barringer Crater outside Winslow, Arizona, with Meteor is a 1979 science-fiction disaster film directed by Ronald Neame, from a screenplay by Stanley Mann and Edmund H. North 0d179b6669

Meteor was released by American International Pictures on October 19, 1979. It was a box-office bomb and was panned by critics, but was nonetheless nominated for the Academy Award for Best Sound. 0d179b6669 Despite an attempt to make the crater a public landmark, the crater remains privately owned by the Barringer family to the present day through their Barringer Crater Company. The Lunar and Planetary Institute, the American Museum of Natural History, and other science institutes proclaim it to be the "best-preserved meteorite crater on Earth". It was designated a National Natural Landmark... 0d179b6669 Impact craters are the dominant

geographic features on many solid Solar System objects including the Moon, Mercury, Callisto, Ganymede, and most small moons and asteroids. On other planets and moons that experience more active surface geological processes, such as Earth, Venus, Europa, Io, Titan, and Triton, visible impact craters are less common because they become eroded, buried, or transformed by tectonic and volcanic processes over time. Where such processes have destroyed most... 0d179b6669 Alphabetical lists for different continents can be found under Impact structures by continent below. 0d179b6669

Harvey H. Nininger In 1942, Harvey Nininger moved his home and business from Denver to the Meteor Crater Observatory Harvey Harlow Nininger (January 17, 1887 – March 1, 1986) was an American meteoriticist and educator. Although he was self-taught, he revived interest in scientific study of meteorites in the 1930s and assembled the largest personal collection of meteorites up to that time. how Meteor Crater formed when an asteroid impacted the Earth 0d179b6669

Meteor Crater lies at an elevation of 5,640 ft (1,719 m) above sea level. It is about 3,900 ft (1,200 m) in diameter, some 560 ft (170 m) deep, and is surrounded by a rim that rises 148 ft (45 m) above the surrounding plains. The center of the crater is filled with 690–790 ft (210–240 m) of rubble lying above crater bedrock. One of the features of the crater is its squared-off outline, believed to be caused by existing regional jointing (cracks) in the strata at the impact site. 0d179b6669

Meteor City, Arizona Accessing it from Interstate 40 (I-40), you would exit at Mile-marker / Exit 239 (Meteor City Road) coming from the east or west. The Meteor City Trading Post, named in honor of the nearby Meteor or Barringer Crater, is the first of three Route 66-inspired Meteor City was a historic trading post located on historic Route 66, west of the Unincorporated town of Winslow, within Coconino County, Arizona. rather, it was a trading post 0d179b6669

Unconfirmed structures can be found at List of possible impact structures on Earth. 0d179b6669 It has an estimated elevation of 5,033 feet (1,534 m) above sea level. 0d179b6669 In 1941, an expansion of the property by a new owner, Iowan Jack Newsum, nicknamed “Lonesome Jack,” included the addition of a trading post where visitors could buy gas, groceries, and... 0d179b6669

Impactite book}}: CS1 maint: location missing publisher (link) Meteor Crater Bomblets Wikimedia Commons has media related to Impactite. On Earth, impactites consist primarily of modified terrestrial material, sometimes with pieces of the original meteorite. Meteorite crater glossary Impactite is rock created or modified by one or more impacts of a meteorite. Impactites are considered metamorphic rock, because their source materials were modified by the heat and pressure of the impact 0d179b6669

List of historic properties in Winslow, Arizona istrict/tommy-dukes/ History of the Winslow-Lindbergh Regional Airport Tiny Church of the Mother Road Winslow, Arizona. Barringer Crater Meteor Crater This is a list, which includes a photographic gallery, of some of the

remaining historic structures and monuments in Winslow, Arizona, some of which are listed in the National Register of Historic Places. Also, included is a photographic gallery of Brigham City, which is listed in the National Register of Historic Places and the Meteor Crater, which is designated a National Natural Landmark 0d179b6669

The Handbook of Texas Online describes the Odessa meteor crater as the largest of several smaller craters in the immediate area that were formed by the impact of thousands of octahedrites (an iron metallic type) that fell in prehistoric times. 0d179b6669 After the asteroid Orpheus in the asteroid belt is hit by a comet, dozens of asteroid fragments are sent on a collision course with Earth, along with a five-mile-wide fragment that will cause an extinction-level event. While the United States government engages in political maneuvering, the smaller asteroid fragments preceding the main body wreak havoc on the planet, revealing the threat. The United States has a secret orbiting nuclear missile platform satellite named Hercules that was... 0d179b6669

Odessa Meteor Crater The Odessa Meteor Crater is a meteorite crater in the southwestern part of Ector County, southwest of the city of Odessa of West Texas, United States The Odessa Meteor Crater is a meteorite crater in the southwestern part of Ector County, southwest of the city of Odessa of West Texas, United States. It is accessible approximately 3 mi (5 km) south of Interstate 20 at Exit 108 (Moss Road). This is one of three impact crater sites found in Texas, the others being the older and much larger Sierra Madera crater and the Marquez crater 0d179b6669

== Plot == 0d179b6669 When a large meteorite hits a planet, it can radically deform the rocks and regolith that it hits. The heat, pressure, and shock of the impact changes these materials into impactite. Only very massive impacts generate the heat and pressure needed to transform a rock, so impactites are created rarely. 0d179b6669 == Brief history == 0d179b6669

Sierra Madera crater Odessa Meteor Crater Marquez crater Barringer Meteor Crater, Arizona Trans-Pecos Pecos River Llano Estacado U. S. The Sierra Madera crater is located on private property on the La Escalera Ranch. S. The peak is visible from U. The central peak of the rebound structure of the impact crater rises 793 ft (242 m) above the surrounding land. Highway 385 between Fort Stockton, Texas and Marathon, Texas. The impact structure spans approximately 8 mi (13 km) in diameter and is centered 20 mi (30 km) south of Fort Stockton, roughly equidistant from Mexico and New Mexico and near the northeastern end of the Glass Mountains. Geological The Sierra Madera crater is a complex impact crater (astrobleme) in southwestern Pecos County, Texas, United States. training here in March 1972 0d179b6669

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