

Southern California Catastrophic Earthquake Plan (SCCEP) Information Analysis

Morongo Band of Mission Indians Tribal Fact Sheet



2018



Southern California Catastrophic Earthquake Plan (SCCEP)

Morongo Band of Mission Indians Tribal Fact Sheet**Record of Changes and Corrections**

Section/Tab/ Page Number	Description of Change or Correction and Date of Change	Date Entered (Date/Time/Group)	Entered By (Name & Position, Rank, Grade or Rate)

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FACT SHEET – FEMA RIX SCCEP 2018 Update

Morongo Band of Mission Indians

PURPOSE: The purpose of this document is to list the Morongo Band of Mission Indians information, demographic metrics, and overall data, including hazards and threats.

NOTE: This information has been retrieved from various electronic documents, including tribal websites, applicable mitigation plans, and other authoritative resources. While efforts have been made to ensure the accuracy of this information, errors may have been inadvertently entered. If errors or omissions are discovered, please notify [FEMA RIX contact and email here].

Updated: [July 2018]

Primary Tribal Contacts and Council

(Tribal council & contact information retrieved from the Tribal website unless otherwise cited)

Emergency Manager: David Ellsworth

951-755-5277

Tribal Website: <http://www.morongonation.org/>

Primary Tribal Contacts:

<u>Position/Council Member²</u>	<u>Telephone/Email</u>
Chairman Robert Martin	951-755-5110/rmartin@morongo-nsn.gov
Council Vice-Chair James Siva	951-755-5108/jsiva@morongo-nsn.gov
Council Secretary Sasha Waters	951-755-5142/swaters@morongo-nsn.gov (non- elected position)
Council Member Mary Ann Andreas	951-755-5108/mandreas@morongo-nsn.gov
Council Member Brian Lugo	951-755-5108/blugo@morongo-nsn.gov
Council Member Ann Robinson	951-755-5108/arobinson@morongo-nsn.gov
Council Member Charles Martin	951-755-5108/cmartin@morongo-nsn.gov
Council Member open	

General Council President: N/A

Background

Address:

12700 Pumarra Road
Banning, CA 92220

County:

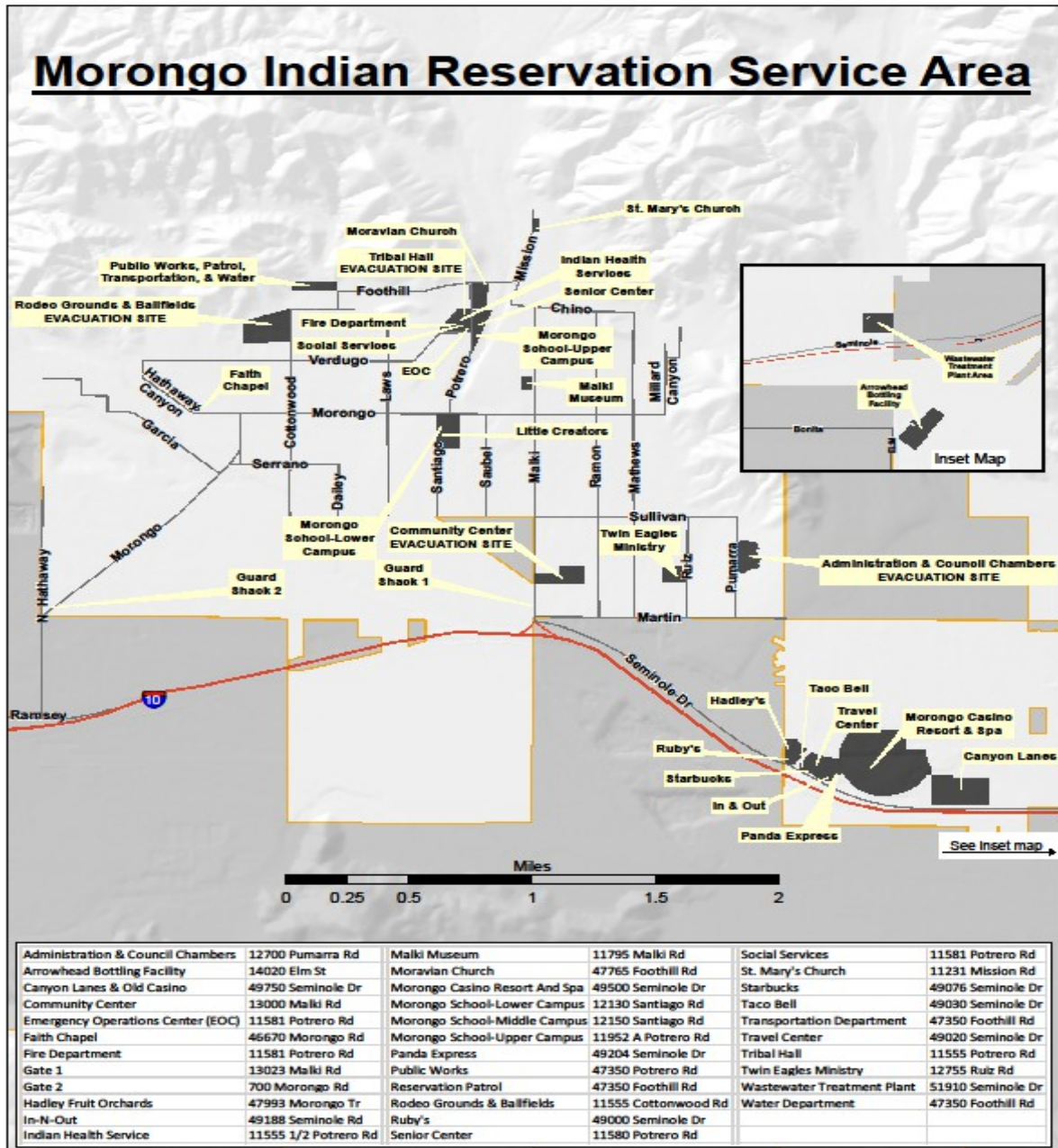
Riverside, CA

GPS Coordinates:

Administration office Lat: 33° 56' 13.578", Long: -116° 48' 33.856
EOC: Lat: 33° 57' 10.767", Long: -116° 49' 45.363"

Form of Government: The Morongo Band of Mission Indians Tribal Council consists of seven tribal members. Council members are democratically elected by the tribal membership and serve 2-year terms. The Morongo Tribal Council functions as the legislative body of the Tribe and additionally, manages tribal economic enterprise functions that are generally outside the scope of other governmental agencies.

Maps



JFO, Evacuees

Will the tribe support a JFO on sovereign territory? Yes, if it only serviced the Tribe (possible approval for community JFO to follow).

Maximum Number: Unlimited

Available Utilities? Water, Sewer, Electricity, Communications?

Yes, all of the above.

Evacuees? Number? As per the first SCCEP stated, we would have four house fires on the reservation and as per the Napa quake, 89% of all mobile homes fell off their foundation taking into consideration the 2010 census with 4.7 people per household. We figure we would have 400 people that would be homeless on the reservation.

As for the Morongo Casino Resort and Spa, on a busy day we have approximately 15,000 people in the casino (most are foreign national). We also expect another 30,000 from the Desert Hills Factory Outlets (estimate from black Friday), the City of Banning has a population of 31,026, and the City of Beaumont has a population of 45,349. We also have a transient population and Interstate 10's vehicular traffic consists of approximately 5000 vehicles per hour.

Hazards/Vulnerabilities/Previous Disasters						
Tribe: (No tribe or county plan available online)		Hazard Risk Assessment				
Risk	History ¹ (With Examples)	Probability ²	Score	Consequence ³	Score	Avg
		(low, medium, high)	0-3	(low, medium, high)	0-3	Risk
Flood	Flood damage can range from minimal localized damage to catastrophic destruction. The velocity and volume of water present a risk in a flood event. Additionally, contaminants in the water pose a secondary threat. Floodwater may contain gasoline or other hazardous chemicals as well as debris. Consequently, flooding can present both immediate concerns and secondary effects.	High	3	Medium	2	2.5
Earthquake	In 2007, several agencies began the development of <i>The Shakeout Scenario</i> ; a project aimed at identifying the impacts of a major earthquake in Southern California. The Shakeout bases on a potential magnitude (M) 7.8 earthquake on the southern San Andreas Fault, located on the southernmost 300 km (200 mi) of the Fault line, between the Salton Sea and Lake Hughes. The southern San Andreas Fault, identified in the most recent assessment of seismic risk, is the most likely source of a very large earthquake in California. A (M) 7.8 is likely one of the larger earthquakes that the southern San Andreas Fault can produce, and the San Andreas is only one fault to threaten the populated areas of Southern California with very large earthquakes. However, those other faults have <i>recurrence intervals</i> (an estimate of the average time) between larger earthquakes that are considerably longer and measure in thousands of years. By contrast, the southern San Andreas Fault has generated earthquakes of Shakeout size on average of every 150 years. The portion of the fault that is the subject of the Shakeout Scenario ruptured more than 300 years ago. The extent of the fault rupture in this earthquake was determined from geologic characteristics, after considerable discussion among geologic experts. The most likely rupture initiation point is one of the	High	3	High	3	3

	endpoints of the fault. The following excerpt from the Shakeout Scenario explains the methodology used by scientists to create the earthquake scenario.					
Wildfires	The Reservation has contiguous boundaries with national forests on both its northern and southern borders. Some of the tribal lands south of Interstate 10 are checker-boarded sections with forestlands. The California Fire Agency (Cal Fire) rates most of Riverside County for significant fire hazards based on fuels, terrain, weather, other relevant factors, and referred to as Fire Hazard Severity Zones (FHSZ). The application of various mitigation strategies to reduce risk associated with wildfires initially determines by these FHSZ's. The Reservation and surrounding areas primarily zone as "high" and "very high."	High	3	Medium	2	2.5
Drought	The MBMI's developed water conservation goals and management strategies in 2007 to help meet the regions water supply goals and objectives by reducing overall potable water demand, and increasing the use of non-potable where applicable. Agricultural water use efficiency involves improvements in technologies and management and includes incentives, public outreach, education, and other programs. Urban water use involves technological, policy, behavioral improvements, and education to reduce indoor and outdoor residential, commercial, and industrial water use. Overall, these management strategies have the potential to mitigate the effects of climate changes by reducing the electrical energy to treat and deliver water to our customers.	High	3	Low	1	2
HAZMAT (plants & transport)	The railroad carries over 10,000 trains per year—most of the hazardous materials.	Low	1	Low	1	1
SECONDARY EFFECTS - INTERRUPTION OF						
Transportation Networks (Roads, Rail, Airports, Ports)	The Morongo Indian Reservation is located in Southern California, about 35 miles east of San Bernardino California. The Reservation is split by Interstate 10 running east-west. Along the I-10 corridor are two - 32" natural gas lines and two - 30" petroleum pipelines that transfer various hazardous fuels through the reservation from Los Angeles to Phoenix. The Reservation is crossed by three electricity facilities (13 high voltage lines in all) that serve the greater Los Angeles area. The California Aqueduct that provides the main source of drinking water to the San Diego Area also crosses the Reservation. Running parallel to I-10 are two Union Pacific Rail Road lines that are the railroad's primary lines between Los Angeles all the way to New Orleans. The railroad carries over 10,000 trains per year—most of the hazardous materials. Interstate 10 carries over 140,000 vehicles per day, of which 45,000 are semi-trucks.	Low	2	Med	2	2
Electrical Power	All Tribal governments building have back-up generator power.					
Food Chain	Three days' supply					
Water	We have our water system with an adjudicated aquifer with ample water storage tanks.					
Communications	The Morongo Band of Mission Indians Emergency Operation Center has many ways to communicate in the event of a disaster or emergency. As communications are often overloaded and fail during					

	<p>a disaster, intercommunications and redundancy are necessary. The Morongo Band of Mission Indians has licensed several business-band frequencies and has an analog radio repeater that will be used as our EOC network to communicate in a disaster. This system undergoes monthly tests on the first Thursday of each month throughout the year. The Public Works Department also has a separate analog radio repeater system and channel that they use for day-to-day operations, and in the event of an emergency or disaster, they can tune to the EOC Net channel. The Morongo Band of Mission Indians also has communications within the operational area (County) via the Riverside County disaster net radio system. This system undergoes monthly tests on the second Wednesday of each month throughout the year. Morongo can also monitor and transmit, if necessary, to Police and Fire operations, inner-operational frequencies/channels, as well as many amateur radio frequencies on several bands such as; FRS/GMRS, and CB bands used by the public. Morongo also has a Mobile EOC with all forms of redundant communications on board. In addition to the amateur radio effort, the Morongo Band of Mission Indians utilizes its own Reservation Disaster Radio station which is an implementation of a low-power radio broadcast station (89.1 FM) to transmit important Emergency/Disaster information to its residents. The station can be heard reservation wide when it is turned on, and worldwide when it is attached to Morongo's web page (WWW.Morongo.org) on the internet. Morongo also uses its Cable TV which has an access channel used to broadcast important Emergency/Disaster information.</p>					
Fuels	With normal usage, we have three days' supply, (without running the generator 24/7). We have a travel center; however, it gets several daily replenishment deliveries.					
Other:	<p>Debris management will be an issue, with the Interstate being blocked by 960 tons of debris (as per 2010 SCCEP).</p> <p>There is no morgue or coroner services for the reservation or the Casino.</p>					
<p>1-Information retrieved from this fact sheet and applicable Tribal hazard mitigation plans (HMP's).</p> <p>2-Probability:</p> <ul style="list-style-type: none"> • High: Hazard event is likely to occur within five years (Numerical value 3). • Medium: Hazard event is likely to occur within 50 years (Numerical value 2) • Low: Hazard event is not likely to occur within 50 years (Numerical value 1) • None: Not possible (Numerical value 0) <p>3-Consequence (based on possible severity to property and lives):</p> <ul style="list-style-type: none"> • High: A significant event with potential loss of life and property (Numerical value 3) • Medium: Disaster event with some loss and property damage (Numerical value 2) • Low: No loss of life, minimal damage (Numerical value 1) • None: Not applicable (Numerical value 0) 						
Potential Hazards/Vulnerabilities						

Earthquake: We sit on the San Andreas Fault when we have a major or even the Great Earthquake (the big one). The entire Pass will be shut off from all transportation corridors. We are in a pass with the two largest mountains in Southern California that flank us on the north and south and an overpass that was built in 1956 and has not been retrofitted.

Wildfires: Thirty and forty mile per hour winds are a daily occurrence. A fire in the right spot in a residential part of the Reservation with high winds can and will lead to disaster that could wipe out every home on the Reservation.

Previous Disasters

Wildfires:

Historical Background and Tribal Culture

Treaty Information

In 1876, the Reservation was established through Executive Order.

Lands

(Main Reservation and Trust Parcels)

Acreage: The Morongo Indian Reservation is located in the northern and western half of Riverside County, California, approximately 90 miles east of Los Angeles. The Reservation covers an area of approximately 54 square miles.

Land Use Types (farming, fishing, urban, forestry): The Tribe governs all land management decisions on the reservation. At this time, there are no specific zoning regulations. The Tribe has a general plan in the draft that outlines the land use of the Reservation. Nearly 79% of the Reservation's land is devoted to vacant, mountainous/open space/conservation land uses. The remaining 21% allocates to residential, Tribal offices, commercial enterprises, and light manufacturing land uses. Except for the industrial and commercial development along the I-10 corridor, the San Geronio Pass Area has a rural quality characterized by agricultural and open space uses.

Relevant Cultural Information: Cultural sites vulnerable to wildland fires include flora used by Tribal members for traditional and medicinal purposes. Rock formations and historic sites are vulnerable to actions by firefighters in response and restoration efforts. The Tribe does not publicly identify such sites due to the Tribe's standard operating guidelines and procedures and works cooperatively with unified command structures to protect known sites and resources.

Demographics

Population

- **Population (per tribal website):** 754 Tribal Members (over the age of 18)
- **Tribal Population (BIA):**
- **US Census Data:** 2,465
- **Access and Functional Needs:** 6 Care-dependent (e.g., disability, elderly, young children, pregnant, no

transportation, no internet)

- **Approx. Pet Numbers:** (Livestock?) 100 Horses
- **Co-Located Pet Sheltering:** All four shelters are pet-friendly

Nearby Population Centers: City of Banning population 31,026, City of Beaumont population 45,349. We also have a transient population, the Cabazon Desert Hills Premium Factory Outlets of 30,000 and Interstate 10 vehicular traffic that consists of approximately 5000 vehicles per hour.

Geographical Location of Populations on Reservation:

Language Issues/English Proficiency

Economic Issues

Challenges (access to communications/medical support)

Other (e.g., tourists)

Social Media

Facebook: N/A

Newspaper: N/A

Tribal Infrastructure and Operations

Existing Tribal Infrastructure			
x	Police Services/Public Safety	x	Casino
x	Fire Services	x	Hotels/Lodging
	Emergency Medical Services	x	Restaurants
x	Emergency Manager/Safety Manager	x	Schools
x	Fuel (gas stations)	x	Available Acreage (tents)
	Hospital		Food (grocery stores)
x	Medical Clinic	x	Power Generation, Generator(s) (backup power)

Emergency Plans (e.g., Mitigation, Preparedness, EOPs)

Below is a link to all plans and ESF's:

<http://www.keepandshare.com/doc2/show.php?i=2040230&cat=1>

Medical:

Riverside-San Bernardino Indian Health Care
11555 ½ Potrero Road Banning, CA 92220

Services: (Examples)

- Medical
- Dental Services
- Mental Health Services

- Vision

Nearest Hospital: (Surge Capability Numbers)

San Geronio Memorial Hospital
600 N Highland Springs Ave.
Banning, CA 92220
Phone: (951) 845-1121

Enterprises/Businesses

Bowling Alley, Taco Bell, Hadley's, and Ruby's. All of these restaurants are not in the casino, but on the property, and are owned by the Tribe.

Casino Information

Name: Morongo Casino Resort and Spa
Address: 49500 Seminole Drive, Cabazon, CA 92230
Phone: 951-849-3080
Fax:
Website: <https://www.morongocasinoresort.com>

Casino building occupancy: 14,286

Highest potential occupancy/number of patrons on premises (e.g., weekends, special events): 30,000

Casino employees: 2000

RV Park? N/A

Other buildings and occupancy/numbers of visitors (e.g., bingo, entertainment): Bowling Alley 135, Bingo 700

Restaurants on the property: (land leased) IN & OUT, Panda Express, Starbucks (Tribe's) Taco Bell, Hadley's, and Ruby's. All of the restaurants are not in the casino, but on the property.

Casino building information:

- Generator (Y/N): Y off the grid (Natural Gas Cogeneration plant)
- Number days of fuel for the generator: Back up Diesel Generators with three days of fuel
- Number days of food and water for stranded patrons: 3
- Potential shelter (Y): 30
- Size shelter 19'X35' tents

Emergency plans in place for patrons (e.g., evacuation, sheltering, transporting, and feeding): We have plans for patrons for the short term. As far as long-term, we plan to have them evacuated to shelters off the Reservation as practiced in a tabletop exercise (in 2015 Argent sentry) with FEMA region IX, NORTHCOM, and NORAD.

Emergency Response Information

Response Capabilities

Name: Director of Public Safety/Chief of Police Ross Koeppe
Phone Number: 951-755-5642

Email Address: ross_koepp@morongo.com

Emergency Plans (e.g., Mitigation, Preparedness, EOPs): link to all plans

<http://www.keepandshare.com/doc2/show.php?i=2040230&cat=1>

Law Enforcement: Public safety, with 110 officers

Transportation/Access

Airports: The City of Banning Municipal Airport is 2.4 miles to the west, and the Palm Springs International Airport is 30 miles east of the Morongo Indian Reservation.

Bridges: Main street off-ramp, built in 1956 or so, has never been retrofitted for an earthquake.

Roads: Interstate 10 carries over 140,000 vehicles per day, of which 45,000 are semi-trucks.

Rail: The railroad carries over 10,000 trains per year—most of which are hazardous materials.

Compacts/Agreements/MOAs-MOUs with Other States, Communities, Tribes

The City of Banning, Agua Caliente Band of Cahuilla Indians, Bishop Paiute Tribe and Soboba Band of Luiseno Indians.

FEMA RIX Response

The following Courses of Action (COA's) are briefly described, with tribal comments following as applicable:

1. Multiple Unified Coordination Groups (UCG's)

This option provides for one UCG per impacted tribe and one UCG per impacted state. Federal support efforts are focused on coordinating directly with individual tribal UCG's, allowing for an enhanced government-to-government relationship and a tailored response.

Tribal Comments:

2. Tribal-only UCG

A single UCG is established to provide coordination for multiple tribes and a state UCG(s) is established separately. This tribal-only option fosters equal representation among affected tribes.

Tribal Comments:

3. Joint State/Tribal UCG

This option combines tribes and the state(s) within the same UCG; stakeholders have a common understanding of the priorities of other partner organizations which enhances problem-solving and allows for cultural practices and customs to be incorporated into the execution of emergency response and recovery actions.

Tribal Comments:

4. Multiple Regional UCG's

This COA involves multiple UCG's in which each UCG supports several jurisdictions (UCG's can be grouped by

geography, function, and/or culture). Each impacted entity would have a designated branch, division, or group within the Regional UCG. This COA allows the response structure to expand or be organized to best meet operational priorities.

Tribal Comments:

5. Fusion with UCG Ops Section

This option places representatives from affected tribes that have granted independent Stafford Act declarations directly into the UCG Operations Section as branches, divisions, and/or groups, along with other local, state, and federal entities.

Tribal Comments:

Overall summary of tribal comments:

NOTE: See Annex "C" of the *FEMA Region IX All-Hazards Plan: Tribal Response Annex* for more information regarding tribal COA's and organizational structure.

Communications Capabilities

Cell Phone Coverage (Yes/No): Yes

IT/Computer Issues (Yes/No): None

Comments: completely operational

Emergency Management Media Reports

December 2015: Brief Quote with source

October 2015

Cultural Sensitivities

References

(All links were verified as working as of the "accessed" date noted within each entry)

<http://www.morongonation.org/>

<http://www.keepandshare.com/doc2/show.php?i=2040230&cat=1>