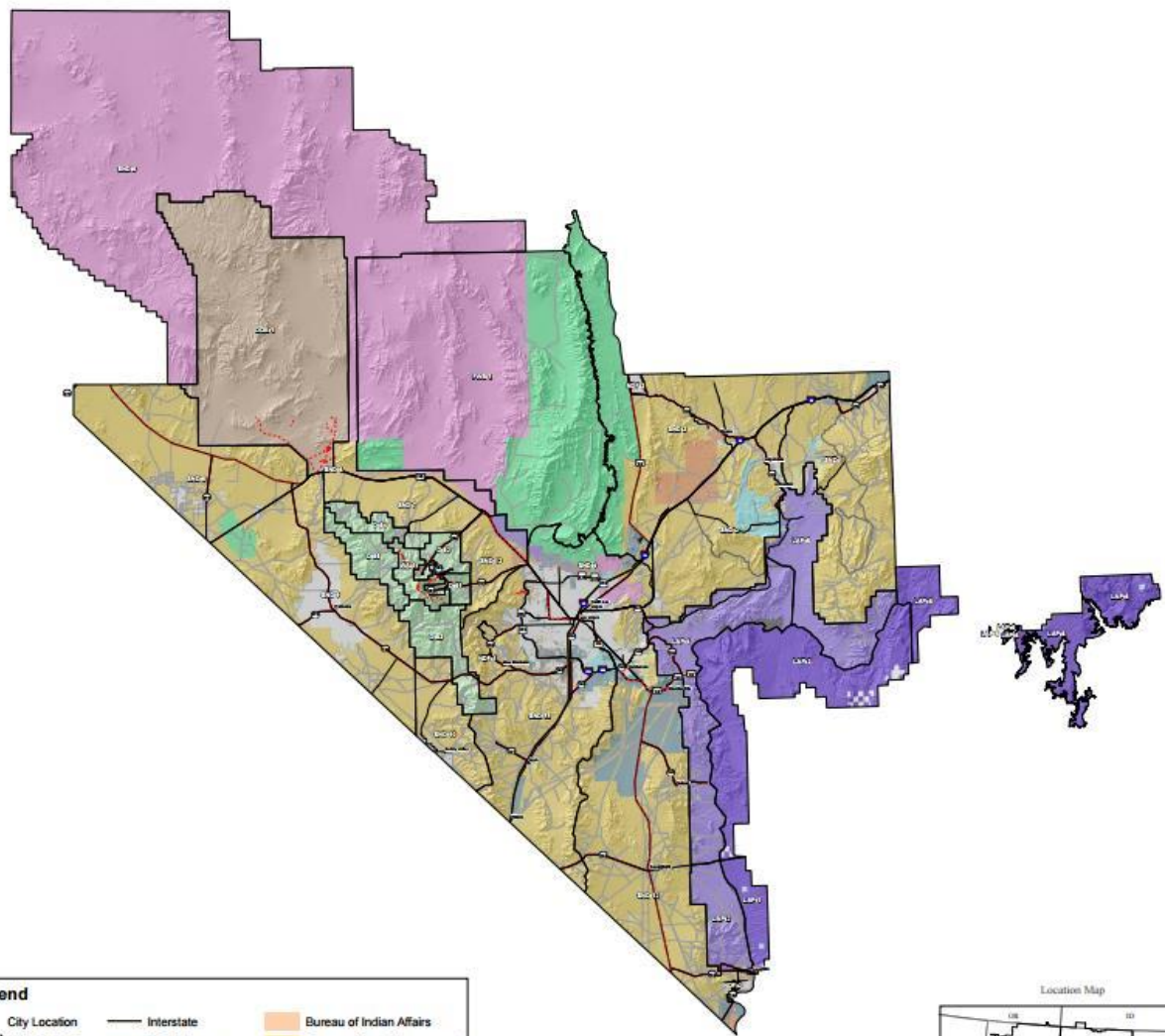




Southern Nevada Interagency 2021 Briefing Guide



Legend

• City Location	— Interstate	■ Bureau of Indian Affairs
□ LVICC_IA_Zones	— US Highway	■ Bureau of Land Management
	— State Highway	■ Bureau of Reclamation
	— County Highway	■ Department of Defense
	— Arterial	■ Department of Energy
	— Collector	■ Fish and Wildlife Service
	— Local	■ Forest Service
	— Back Country Byway	■ National Park Service
	— Resource	■ Nevada State
— Restricted	■ Local Government	■ Private



Southern Nevada Dispatch Area

The Southern Nevada Dispatch Area is approximately 10.5 million acres. Wildland fire management and suppression responsibilities are shared among the U.S. Department of Agriculture (USDA), Forest Service (USFS); U.S. Department of the Interior (USDI), Bureau of Land Management (BLM), USAF Nellis Air Force Base/National Test and Training Range (NTTR), USDI Bureau of Reclamation (USBR), Nevada Division of Forestry, USDI, U.S. Fish & Wildlife Service (USFWS), USDI National Park Service (NPS), Department of the Interior (USDI), Bureau of Indian Affairs, Clark County Fire Department, North Las Vegas Fire Department, Henderson Fire Department, Mesquite Fire and Rescue, Pahrump Valley Fire and Rescue, Nye County Emergency Management, Boulder City Fire Department, and DOE Nevada National Security Site (NNSS) Fire Department, and USAF Creech Air Force Base Fire Department. All our interagency partners have a great working relationship and do a great job of managing incidents in unified command or as an Incident Commander through Las Vegas Interagency Communications Center (LVICC).

Southern Nevada District Bureau of Land Management

Our objective is to establish public and firefighter safety as the first priority in every fire management activity. The Southern Nevada Bureau of Land Management consists of approximately 3,330,190 acres broken down in to three Field Offices (Las Vegas Field Office, Red Rock/Sloan Field Office, and Pahrump Field Office). All three Field Offices have their unique challenges with fire and values at risk including to but not limited to: special status, sensitive and endangered species habitat, natural and cultural resources, critical watersheds, Areas of Critical Environmental Concern (ACECs), Wilderness Study Areas (WSAs), Wilderness Areas, Natural Conservation Areas (NCAs), National Monument, and historic mining districts. All suppression resources will be provided with maps and tools to help them identify the appropriate strategy in these areas. The District also has a great Resource Advisor (READ/REAF) Program that will help with these decisions.

There are certain areas on the district that require Law Enforcement response due to known activities and safety concerns. These areas include Sun Rise Mountain, Wetlands Park, Gold Butte National Monument, and Jean Dry Lake. The Duty Officer or Dispatch will work with Law Enforcement for a response.

USAF Nevada Test and Training Range

The Southern Nevada Bureau of Land Management (BLM) has suppression responsibility on the US Air Force(USAF)Nevada Test and Training Range (NTTR). This area of BLM withdrawn lands is 2,159,296 acres that have restricted access. Access and entry will be coordinated between the BLM Duty Officer and USAF Officials. All resources will receive a thorough briefing on hazards including UXO, values at risk, and security prior to entering the gate on to NTTR. They will then be escorted.

Fire Operations in the SNDO East District Area Talking Points

- ✓ Firefighter safety is the top priority, if you are in any situation where you feel this is in question back off. You will be supported in this decision.
- ✓ We are public servants and we serve public lands, it is important to operate in this way. Ensure that your actions are well thought out and timely with all fire related activities.
- ✓ You have a responsibility to take a higher road and be better than people expect. If confronted verbally or visually remain professional and composed. If the situation elevates notify local Law Enforcement and remove yourself from the situation.
- ✓ You have to have a higher sense of situational awareness of your location and surroundings both on and off the job. While in these areas, pay attention to your surroundings and act accordingly.
- ✓ Park vehicles separated and in well-lit areas.
- ✓ Perform walk around inspections of vehicles and aircraft prior to use.
- ✓ There is a higher risk due to the political issues and sensitivity in the Bunkerville area. Even though you are a public servant and have a specific mission some individuals are not able to separate this role from all others for the federal government. Act accordingly. "I am here to put that fire out and protect your lands".
- ✓ Communicate any changes in situation to your supervisor and/or Duty Officer (D.O.) or FMO. This will be ongoing, through dispatch, local Law Enforcement, and calls as needed.

Background- The Mesquite, Gold Butte and Overton Arm area have been adversely impacted by the Bundy Cattle Impound Operation in 2014.

Access into the area will be monitored on a case by case basis. It will be at the discretion of the D.O. to allow access and ensure the proper notifications are made. Timely updates and the level of response will also be coordinated by the D.O. This number is staffed 24/7. All incoming personnel will be briefed by the D.O. or other assigned leadership prior to entering areas of concern. Aviation assets will also receive a briefing either near the area or as ordered.

Current Situation-This information will be run through the D.O. and coordinated by BLM LE locally. No direct threat is expected from the public, but government employees need to be cautious.

Southern Nevada Shooting Areas and Firefighting Safety

In Southern Nevada there are a few shooting areas where human caused fires can occur. Sloan area, Mule Springs, and Frozen Toe had approximately 70 human caused shooting fires in 2020. There are other areas where these shooting fires can occur as well. The Goodsprings area, Cold Creek, and Coyote Springs have had incidents in the past.

Things to expect when responding to a shooting area fire:

- Trash and household debris.
- Expended target shooting debris (shotgun shells, brass casings, targets of all materials).
- Many members of the public spread out and shooting simultaneously while the wildfire is burning.
- Hazardous materials. Many types of synthetic material can be burning within the fire. Utilize caution when arriving on scene and position equipment and personnel accordingly with fire and smoke direction. Examples of materials you may encounter are the following:
 - Medical waste (syringes)
 - Homemade explosives
 - Propane tanks
 - Human remains
 - Drug labs
 - Plastic
 - Aerosol cans

Typically, a Law Enforcement Official from Metro PD or from the BLM will be on scene and beginning the process of clearing out target shooters from the area. The Incident Commander will work with LE to ensure scene safety before proceeding into firefighting operations. If there is any doubt as to the safety of firefighting personnel while on scene of one of these shooting area/household debris fires, pull back and reevaluate the situation and provide for an alternate plan for the fire that may include allowing the fire to burn until the concern is no longer present. In Southern Nevada, firefighter and public safety play the biggest role in how these debris fires are extinguished.

SPRING MOUNTAINS NATIONAL RECREATION AREA FIRE OPERATIONS

- No wildland fire activity is worth a human life.
- Firefighter and Public Safety comes first on every incident, every day.
- If you are in any situation where you feel firefighter or public safety is in question, back off, use the IRPG (2018 page 19) to properly refuse risk, communicate with your supervisor and offer solutions.
- Initial Attack Size-Up Cards. SMNRA uses the same size-up card as all Southern Nevada Agencies. A link to the size-up card is on the LVICC website under Publications.
- Turn in your completed size-up card to the SMNRA Fire Duty Officer.
- The SMNRA has four wilderness areas:
 - Mount Charleston Wilderness
 - La Madre Mountain Wilderness
 - Rainbow Mountain Wilderness
 - Mount Stirling Wilderness Study Area (WSA)
- Ensure you get an accurate lat/long to determine whether the fire involves wilderness.
- If you are in one of the 4 wilderness areas you will need to request approval for all mechanized equipment such as chainsaws, Smoke Jumpers, helicopters, and SEATS/Air tankers.
- Outside of the wilderness, do not slow down or pause suppression efforts waiting for approval for chainsaws, helicopters or SEATS/Air Tankers. Know that the Duty Officer and Agency Administrator are working behind the scenes to obtain the approvals.
- For Fire Season 2021 *all* fires on the SMNRA are full suppression, modified suppression may be required due to available firefighting resources and to provide for firefighter safety. This means that you might not put personnel into every situation, it does mean that you will evaluate the risk involved based from the strategies, tactics and actions needed to come up with your risk informed suppression plan.
- Request a Fire Investigator for all wildfires that are potentially human caused.
- Request a resource advisor (READ or REAF) on all wilderness fires. The FS Duty Officer could also send a READ at his/her discretion if there are wildlife, archeological, or other natural resource concerns. The Duty Officer will ensure you are aware of those concerns.
- The IC or READ will be requested to complete a SMNRA READ Checklist for each wilderness fire or fire where there are resource concerns. Please turn in the completed READ Checklist to the FS Duty Officer along with your completed fire report. There is a link to the SMNRA READ Checklist under Publications on the LVICC website.
- If you need an S# for fire replacement, receive approval from either the IC or FS Duty Officer. Once you have approval, prepare a General Message Form (ICS 213) to LVICC requesting the resource order for the S#.

BRADLEY CROWELL, *Director*
Department of Conservation and Natural Resources

BRIAN SANDOVAL
Governor

KACEY KC
State Forester/Firewarden



STATE OF NEVADA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
NEVADA DIVISION OF FORESTRY
4747 Vegas Drive
Las Vegas, Nevada 89108
Phone (702) 486-5123 Fax (702) 486-5186

NDF Southern Region boundaries encompass all state and private land within the following counties: NRS 472.040

Lincoln
Clark
Nye
Esmeralda

Through agreements, Wildland Fire Protection Program, we provide additional support to the local government entities. These include Nye and Lincoln counties.

The Southern Region has the following resources available:

- 1 Type 3 Engine
- 1 Type 6 Engine
- 5 Type 2 Crews w/ Supervision
- 1 Kitchen Unit to feed up to 500 people on a surge
- 2 Type 2 Helicopters (located at Minden Airport)
- Overhead
 - o Fire Management Officer
 - o Resource Management Officer (READ)
 - o Urban Forester
 - o Mechanics
 - o IBA's (Carson City)
 - o FMAG Specialists (Carson City)
 - o Cost Share/Land Use Agreements
- Other overhead with specialties are available throughout the state. Contact FMO.

On all fires impacting or potentially impacting state and/or private land, the Regional FMO will be engaged throughout the event.

Brett Waters
Fire Management Officer
702-279-5288
brett.waters@forestry.nv.gov

MANAGING WILDFIRES IN THE MOJAVE DESERT PRIORITIES AND GUIDANCE FOR INCIDENT COMMANDERS

During periods of high fuel loads and hot, dry, windy weather conditions, wildfires in the Mojave Desert have the potential to exhibit extreme fire behavior and rapid growth. The Mojave Desert is not a fire-adapted ecosystem, but exotic vegetation can fuel fires that can drastically alter the landscape. Firefighters are encouraged to safely and aggressively suppress wildfires to reduce total acres burned, while minimizing impacts from their suppression actions. Agency administrators must provide guidance to incident commanders on resource values, goals, and constraints through pre-season planning.

MOJAVE DESERT PRIORITIES

1. ENSURE SAFETY OF FIREFIGHTERS AND THE PUBLIC
2. MINIMIZE ACRES BURNED (HABITAT LOSS) THROUGH RAPID FIRE SUPPRESSION
3. MINIMIZE SUPPRESSION DAMAGE TO RESOURCES

DECISION MAKING

Protecting life and property is paramount in every decision and action. Consider the current and predicted weather, fire behavior, fuel loading, available suppression tools, and resources that are threatened by the fire, and implement appropriate firefighting methods that will minimize resource damage. Rapid and aggressive response may be warranted and can minimize acres burned. Resource damage occurs from both fire and some suppression actions, but burned desert is damaged desert. Use Best Management Practices to minimize resource damage.

Incident commanders should not wait for Resource Advisors before implementing all safe and aggressive suppression tactics necessary during Initial Attack.

Consider immediately the use of air attack resources to limit fire spread.

- Using backfires/burnouts, off-road driving or heavy equipment** to construct fireline may have substantial impacts, but may be justified in order to minimize acres burned. Use tactics appropriate for the area designation and administering agency. **For NPS lands the Resource Advisor must be consulted before use of heavy equipment or off-road driving. In designated wilderness, all motorized equipment usage must be approved by the appropriate agency administrator **.
- Stop all habitat damaging tactics when they are no longer required** to prevent a larger or more severe fire. Constantly assess the fire situation and Mojave Desert priorities as they relate to your operations. Document actions to facilitate post-fire rehabilitation of suppression actions.
- Avoid spreading non-native organisms** by following guidance such as *Operational Guidelines for Aquatic Invasive Species Prevention and Equipment Cleaning*.
- Upon communication with the Resource Advisor**, incorporate his/her knowledge and advice into the Incident Operations in a safe and efficient manner.

STAY ALERT, KEEP CALM, THINK CLEARLY, ACT DECISIVELY

Wildland Fire Origin and Cause Determination

Accurate wildland fire origin and cause determination is an essential first step in a successful fire investigation. First responders must preserve valuable evidence that might be destroyed by suppression activities.

Protecting the Origin

First responders play a critical role in protecting evidence, so it is important that first responders identify and protect the General Origin Area of the fire.

The need for an accurate origin and cause determination is important and your actions, both during and following suppression, can enable a wildland fire investigator to accurately determine the origin and cause of the wildfire.

Recording Important Information

Record the identifying witness information that may be used for investigative follow-up:

- Names and identifying information, such as date of birth, driver's license number, physical address, phone number.
- Make, license number, and description of vehicles at the scene.
- Note any remarks made by persons at the scene that are in any way related to the fire.

Taking Protective Measures

Physical evidence can be almost anywhere, locating and protecting this evidence may make the difference for a successful cause determination.

- When walking around, look before you plant your feet inside and outside the black. Walk where you walked before to minimize impact.
- Be mindful of where you and others park.
- Protect all evidence whether it seems important or not.

Look for such things as equipment, vehicles, tracks, discarded items, or any other objects or impressions that may have value as evidence. Footwear and tire impressions at or near the general origin should be protected and traffic should be rerouted around them.

Do not disturb evidence unless it is in immediate threat of being destroyed. If you must protect something by collecting it, photograph it first and document how you collected the item.

Confidentiality

First responders must be aware of their responsibility to maintain confidentiality of any information that they may have received relating to the investigation. During an investigation, all evidence and information obtained is confidential in nature. Premature release of information prior to any adjudicative action may jeopardize the outcome. This includes what you believe may have started the fire.

Incident Replacement Procedures

Consumable Items

Consumable items -items normally expected to be consumed on the incident i.e. batteries, water, MREs, plastic canteens and petroleum products. These items can either be delivered to the incident from the local cache, if this is not practical, items can be picked up at the cache or an S# will be given to support the purchase. In order to receive an S#, a General Message must be completed with the required information (Fire name, financial code, itemized list of items, who is purchasing, and location where items are being purchased from) and signed by the Incident Commander (IC).

Durable/Trackable Items

Durable /trackable items- items maintained by a cache that are tracked because of their dollar value and durability i.e. sleeping bags, tents, hand tools, Nomex, packs, chainsaws and any other items that have a multiuse lifespan. These items can either be delivered to the incident from the local cache assuming they are cache items, if this is not practical items can be picked up at the cache or an S# will be given for local purchase. In order to receive an S#, a General Message must be completed with the required information (Fire name, financial code, itemized list of items, who is purchasing, and location where items are being purchased from) and signed by the Jurisdiction Duty Officer. The Great Basin Property Loss and Damage Form must also be completed.

S# Process

1. Submit completed package (signed General Message and Great Basin Property Loss and Damage Form) via email to nvlic@firenet.gov
2. LVICC will return an email to sender for all local purchase S#s on a Resource Order and they will send all BLM Cache fill items on a general message to the Cache Manager, so the item can be picked up by the requesting resource.

BLM Cache Restocking

Fire Delivered Items

1. Submit completed package (General Message and Great Basin Property Loss and Damage Form) to Las Vegas Interagency Communications Center (LVICC) via email if practical to nvlic@firenet.gov, if not submit order over radio or phone. Ensure you include delivery location and time.
2. IC is responsible for all items delivered to fire and all back haul will require a waybill from IC at pickup
3. If orders for supplies that come over the radio or phone, should only be done during IA. LVICC dispatchers will fill out general messages for the incident at that time and follow standard protocol for S#'s at the time.

Cache Pickup Items

1. If you are requiring a large number of items call ahead (702-515-5052), so it will be ready when you arrive

Fire Organization				
Title	Name	Work	Cell	Call #
Overhead				
BLM FMO	Tyler Hecht	702-515-5131	702-715-6224	CH5900
BLM AFMO	Vacant			DV5901
BLM FOS	Jason Cain	702-515-5121	702-232-5385	BC5902
BLM AFOS	Sean Whalen	702-515-5118	702-250-4271	BC5903
BLM Fuels Spec.	Sean McEldery	702-515-5285	702-283-8319	5905
BLM Fuels Tech	Frank Rice	702-515-5204	702-275-7924	5908
USAF Fuels Tech	Adam Johnson		702-274-5629	ENV 18
BLM Aviation Mg	Leevi Ahlvers (detailed)		775-296-1990	
BLM Fire Business	Amanda Soto	702-515-5106	702-250-4940	
BLM Safety	Charlie Carmichael	702-515-5192	425-274-6215	
USFS FMO	Vacant		702-533-9609	DIV 5
USFS AFMO	Brent Van Gundy	702-515-5406	702-496-8209	BC-51
USFS FOS	Brian Kitchen	702-515-5426	702-281-6706	BC-52
USFS FUELS AFMO	Josh Thalacker	702-515-5441	725 216-0179	BC-53
USFS Fuels Tech	Matt Hansvick		702-728-0740	Fuels 531
NPS FMO	John Foley	702-293-8829	702-373-5531	CH7300
NPS AFMO	Tiege Downes	702-293-8832	702-278-1872	DV7301

NPS Fuels Specialist	Jeremie Gamiao (detailed to FWS)	702-293-8834	702-378-4136	DV7302
NPS FPMA	Jennifer Fisher	702-293-8830	702-219-8324	
FWS FMO	Todd Bates	702-515-5465	702-556-9695	8200
FWS FMS (Fire Mgmt. Spec.)	Jeremie Gamiao		702-378-4136	8201
FWS FOS	Brian German	702-515-5494	702-449-2736	8202
BIA FMO	Jeremie Ybright	435-674-9720	435-680-1628	
NDF FMO	Brett Waters	702-486-5123	702-279-5288	DIV 53
CC Rural Chief	Larry Haydu	702-455-7311	702-379-9540	
MT Charleston Fire Protection Chief	Jorge Gonzalez		702-305-4010	
Lake Mead Dispatch		702-293-8998		
NWS Las Vegas	Fire WX Forecaster	702-263-9744		
Duty Officer				
BOR	702-293-8091	NPS	702-293-8831	
USFS	702-515-5315	NDF	702-486-3315	
BLM	702-515-5115	LVICC	702-358-1150	
LVICC Fax: 646-1996/515-5310				
Center Manager	Gary Moberly	702-515-5305	702-358-1065	
Assistant CM	Jeff Jasberg	702-515-5306	702-274-0188	

Fire Organization			
Title	Name	Work	Cell
Prevention			
BLM Prevention	Vacant		
Patrol Tech 751	Brandon Barnes		740-475-7178
Patrol Tech 753	Ray Johnson		702-498-1630
Prevention 754	Nolan Mangham		702-371-4431
Vegas Valley Hand Crew			
Superintendent	Eric Ellison	702-515-5183	702-274-9474
Assistant Supt.	Jason Lanier	702-515-5218	702-250-4489
Squad Leader	Vacant		
Squad Leader	Nick McGovern	702-515-5213	949-338-7526
Squad Leader	Andrew Merriam	702-515-5217	970-443-4308
Las Vegas Helitack Fax: 515-5324			
Manager	Lucas Rhea	702-515-5321	702-556-2255
Assistant	Jason Notz	702-515-5323	702-239-6595
Assistant	Ian McQueary	702-515-5323	925-212-1043
Squad Leader	Erik Olsen	702-515-5322	702-290-5299
Squad Leader	Calum Murray	702-515-5322	702-274-6391
Senior Firefighter	Ray Davalos	702-515-5322	760-445-8150
Lead Firefighter	John Ortega	702-515-5322	562-810-9817

Pahrump Station (BLM Engine 5341)			
Captain	Aaron Reynolds		760-889-5258
Asst Capt.	Andrew Phlong		
Red Rock Station (BLM Engine 5343)			
Captain	Truett Anderson	702-515-5212	702-672-2005
Lead Firefighter	Kenny Freund		
Red Rock Station (BLM Engine 5645)			
Captain	Brandon Hansen	702-515-5212	702-575-2963
Senior	Robert Sarmiento	702-515-5212	562-900-3533
Red Rock Station (BLM Engine 5646)			
Captain	Shane Kelly	702-515-5281	702-279-4157
Senior	Benjamin Burnette	702-515-5281	619-797-0646

Fire Organization			
Title	Name	Work	Cell
Logandale Station (BLM Engine 5342) Fax: 864-2177			
Captain	Eric Naumetz		805-551-0221
Asst Capt.	Vacant		
Logandale Station (BLM Engine 4441)			
Captain	Alexander Fonseca		702-219-8074
Asst Capt.	Vacant		
Cold Creek Station (Engine E451)			
Captain	Dave Barringer		702-308-9039
Operator	Kyle Waller		702-370-8789
Kyle Station (FS Engine E452)			
Captain	Shawn Krajewski		702-279-7599
Operator	Jerry Hart		725-216-0440
Kyle Station (FS Engine E353)			
Captain	Justin Bedard		702-540-9789
Operator	Rye Hall		702-533-0205
Mountain Springs Station (FS Engine E354)			
Captain	Chris Banuelos	702-875-4596	702-525-2188
Operator	Dustin Higgins	702-875-4596	702-728-0547

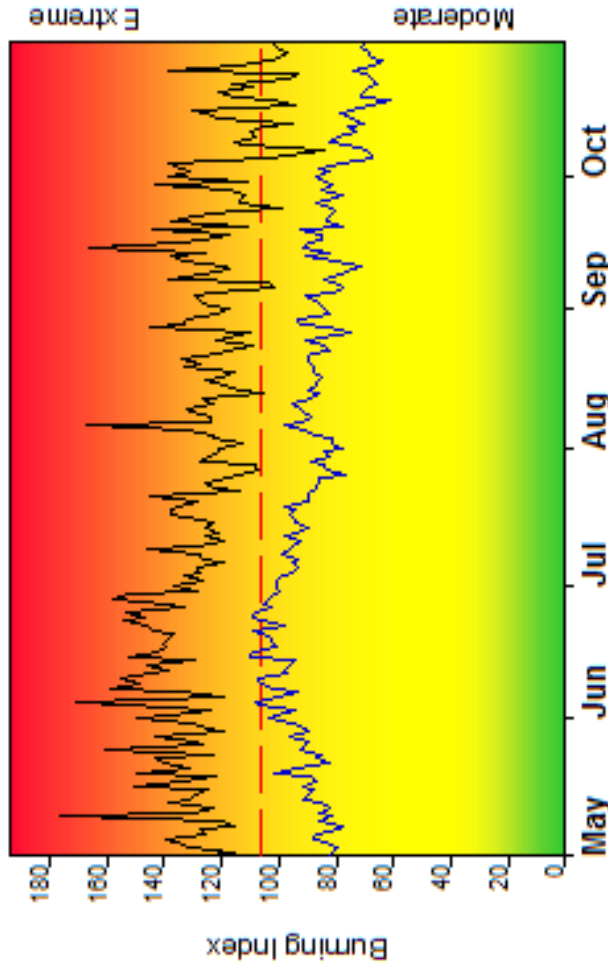
Boulder City Station (NPS Engine 7331)			
Captain	Colin Gundle	702-293-8836	702-378-7674
Operator	Alan Mazzaglia		707-954-1408
Lead Firefighter	Travis Dubois	702-293-8836	808-895-2865
Boulder City Station (Super Six Module 7361)			
Module Leader	John Kinder	702-293-8828	702-283-8025
Asst Module Leader	Vacant		
Lead Firefighter	Joel Ogulnick	702-293-8828	702-286-4866
Lead Firefighter	Zack Childs	702-293-8828	702-480-0754
Corn Creek Station (FWS Engine 8263)			
Captain	Len Palakiko	702-515-5494	702-755-7007
North Las Vegas/ Pahrump (NDF Engine 5323)			
Captain	Raul Arroyo	702-486-5123	
North Las Vegas/Pahrump (NDF Engine 5361)			
Captain	Josue Gonzalez	702-486-5123	702-400-7444
Nevada Duty Officers			
AZ Strip	435-680-9663	Carson City	775-223-2760
Winnemucca	775-625-3055	Battle Mtn	775-635-9196
Elko	775-753-0316	Ely	775-289-1984

Dispatch Centers

Las Vegas Interagency Dispatch	702-515-5300	Color Country Dispatch	435-865-4600
Central NV Dispatch	775-623-1555	Lake Mead Dispatch	702-293-8998
San Bernardino Dispatch	909-383-5652	Ely Dispatch	775-289-1925

FIRE DANGER -- DESERT

Maximum, Average, and 80th Percentile, based on 18 years data

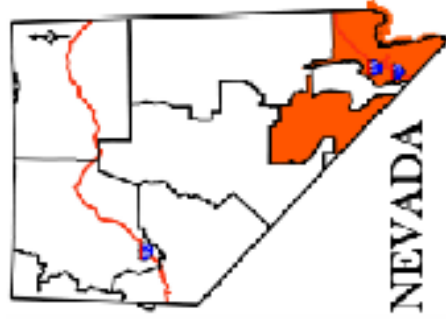


Fire Danger Area:

- ◆ Desert FDRA
- ◆ FWZ 462, 465, 466
- ◆ 020108 261404-408-705
- * Meets NWCWG Wx Station Standards

Fire Danger Interpretation:

- EXTREME** -- Use extreme caution
- High** -- Watch for change
- Moderate** -- Lower Potential, but always be aware



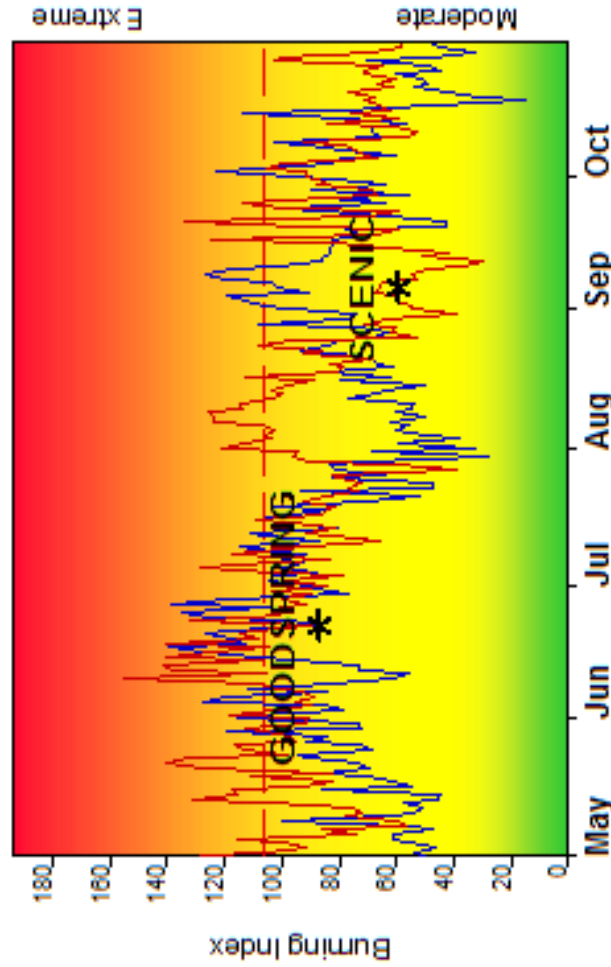
Maximum -- Highest Burning Index by day for 2001 - 2018

Average -- shows peak fire season over 18 years (3310 observations)
 80th Percentile -- 20% of the 3310 days from 2001 - 2018 had an Burning Index above 105

Local Thresholds - Watch out:

Combinations of any of these factors can greatly increase fire behavior:
 20' Wind Speed over 13 mph, RH less than 10%,
 Temperature over 90, Energy Release Component over 102

Years to Remember: 2005 2013



Remember what Fire Danger tells you:

- ✓ Burning Index gives day-to-day fluctuations calculated from 2 pm temperature, humidity, wind, daily temperature & rh ranges, and precip duration.
- ✓ Wind is part of BI calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.

Past Experience:

- In continuous grass and shrub fuel types establish a solid anchor point and continually monitor line construction.
- Distances in the desert are greater than they appear.
- Monitor firefighters and their physical performance when temperatures exceed 90 degrees.
- Turn Around Don't Drown. Flash floods occur rapidly in the desert due to isolated thunderstorms. It is NEVER safe to drive or walk into flood waters.

Responsible Agency: BLM

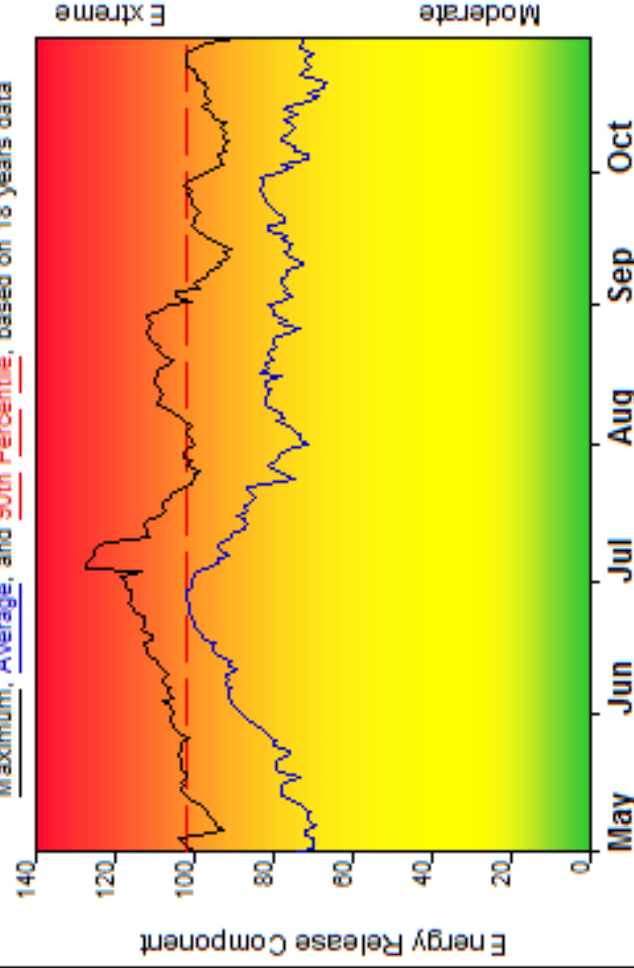
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Fuel Model: G - Short-Needle (Heavy Dead)

Design by NWCWG Fire Danger Working Team

FIRE DANGER -- MOUNTAIN

Maximum, Average, and 90th Percentile, based on 18 years data



Fire Danger Area:

- ◆ Mountain FDRA
- ◆ FWZ 463, 464
- ◆ 261702, 261708

* Meets NWCG Wx Station Standards

Fire Danger Interpretation:

EXTREME -- Use extreme caution
High -- Watch for change
Moderate -- Lower Potential, but always be aware

Maximum -- Highest Energy Release Component by day for 2001 - 2018

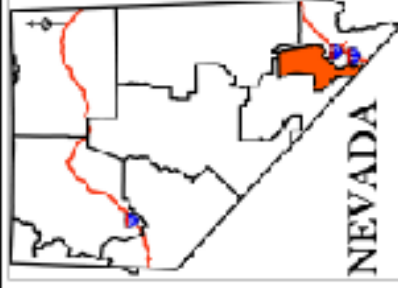
Average -- shows peak fire season over 18 years (3244 observations)

90th Percentile -- 10% of the 3244 days from 2001 - 2018 had an Energy Release Component above 102

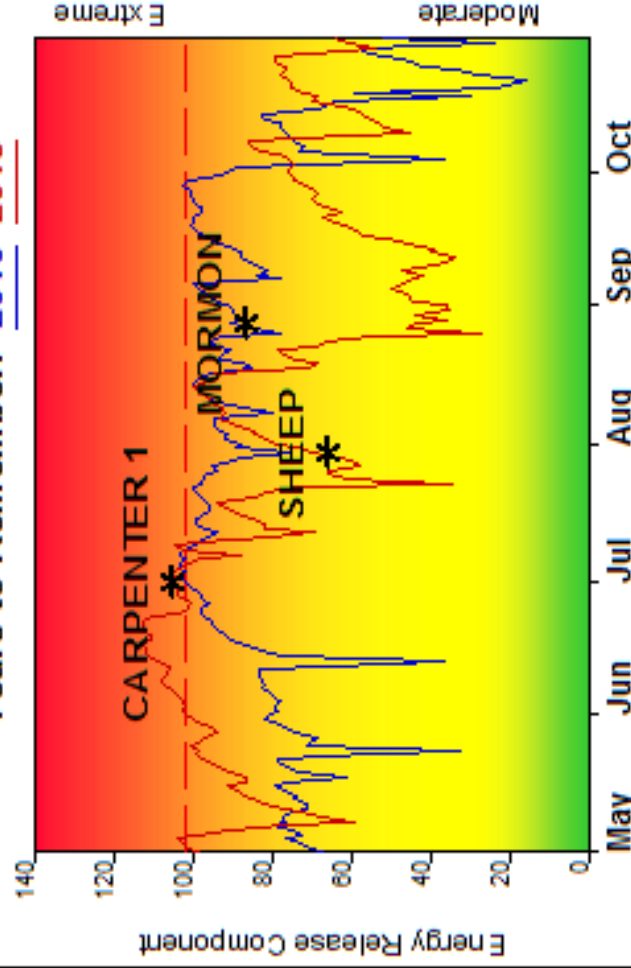
Local Thresholds - Watch out:

Combinations of any of these factors can greatly increase fire behavior:

20' Wind Speed over 10 mph, RH less than 10%, Temperature over 85, Burning Index over 98



Years to Remember: 2010 2013



Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 2 pm temperature, humidity, daily temperature & rh ranges, and precip duration.
- ✓ Wind is NOT part of ERC calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.

Past Experience:

- Watch out for unstable air mass conditions during fires. Rapid isolated thunderstorms can occur at higher elevations.
- General afternoon winds out of the south, southwest will greatly effect fire behavior.
- Use caution in continuous fuels or closed canopy fuels. Watch for beetle kill and standing snags.
- Turn Around Don't Drown. Flash floods occur rapidly in the desert due to isolated thunderstorms. It is NEVER safe to drive or walk into flood waters.

Responsible Agency: BLM

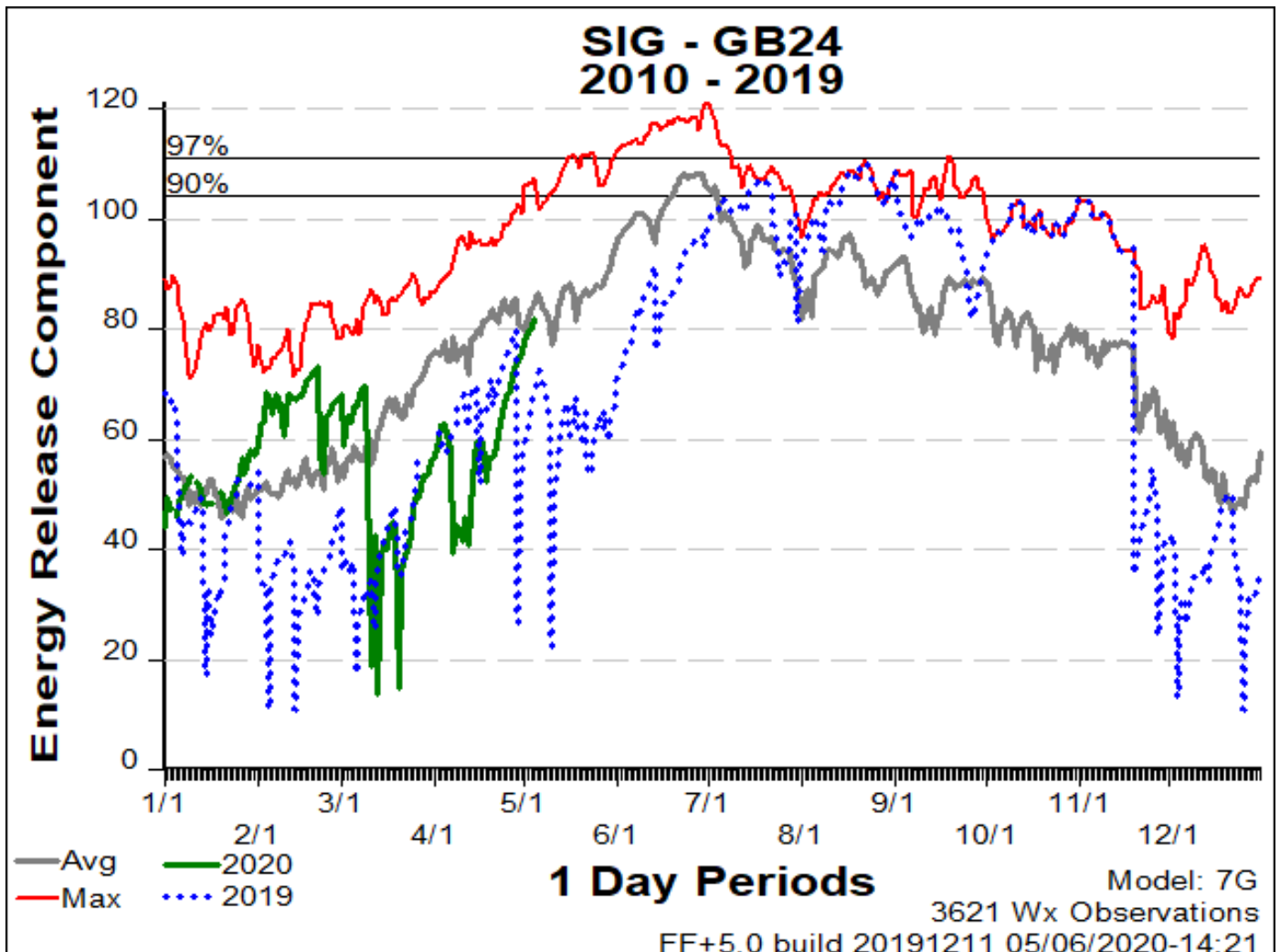
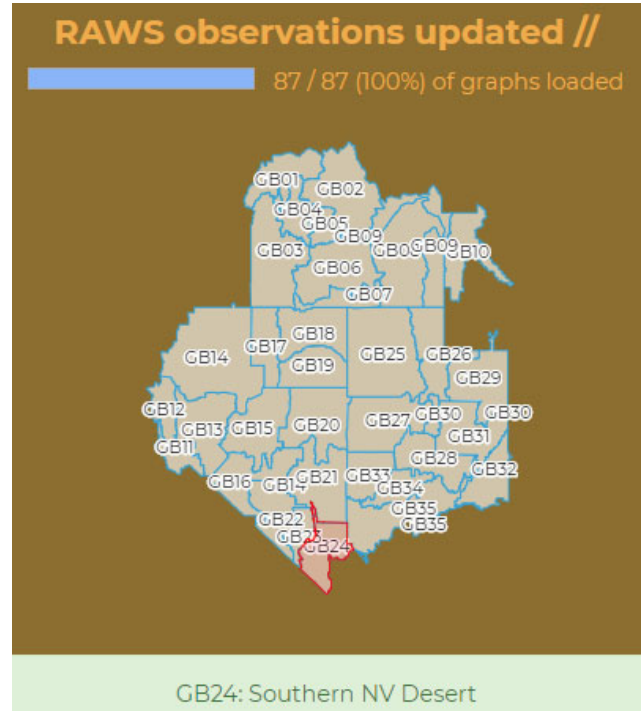
FF+5.0 build 20191211 04/09/2019-18:38 (R:\LV Share\FI...LWICC_Database_NFDRS2016)

Fuel Model: G - Short-Needle (Heavy Dead)

Design by NWCG Fire Danger Working Team

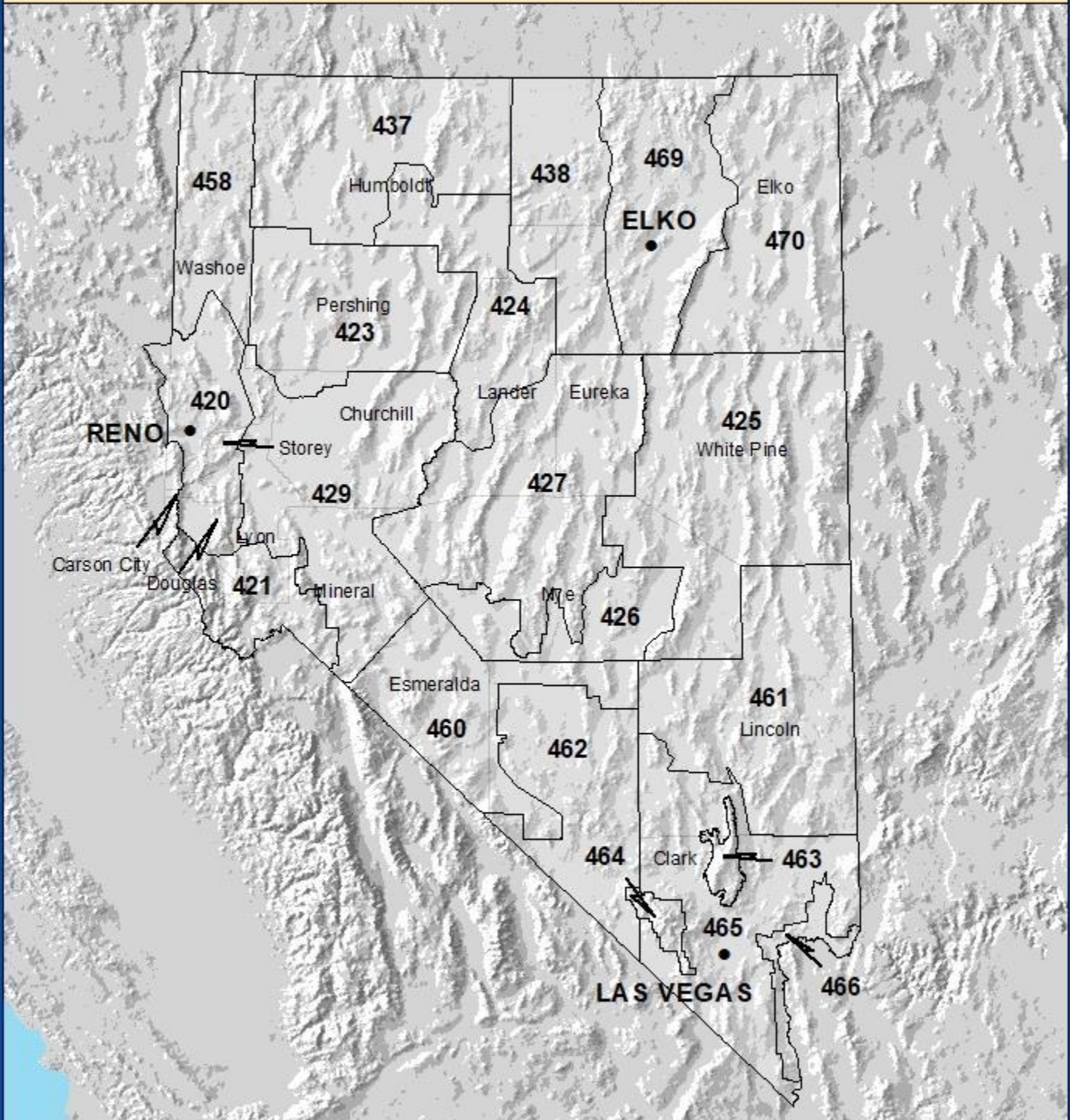
BLM Trend Analysis

[BLM – FA IM-2018-022 Use of Seasonal Trend Analysis to Communicate Fire Danger](#) requires the BLM to use Seasonal Trend Analysis instead of PocketCards. The purpose of trend analyses is to display historic conditions and measured current year data to improve fire danger awareness and firefighter safety. The Great Basin Coordination Center ([GBCC](#)) maintains online [Seasonal Trend Analyses](#) for the entire Great Basin including the LVICC Dispatch Area. GB22 *Amargosa* and GB24 *Southern NV Desert* represent the Desert Fire Danger Rating Area and GB24 *Spring Mountain* represents the Mountain Fire Danger Rating Area.



NEVADA

FIRE WEATHER ZONE BOUNDARIES



**NATIONAL WEATHER SERVICE
WESTERN REGION**

- Weather Forecast Office
- County Boundary
- ▭ Fire Zone Boundary

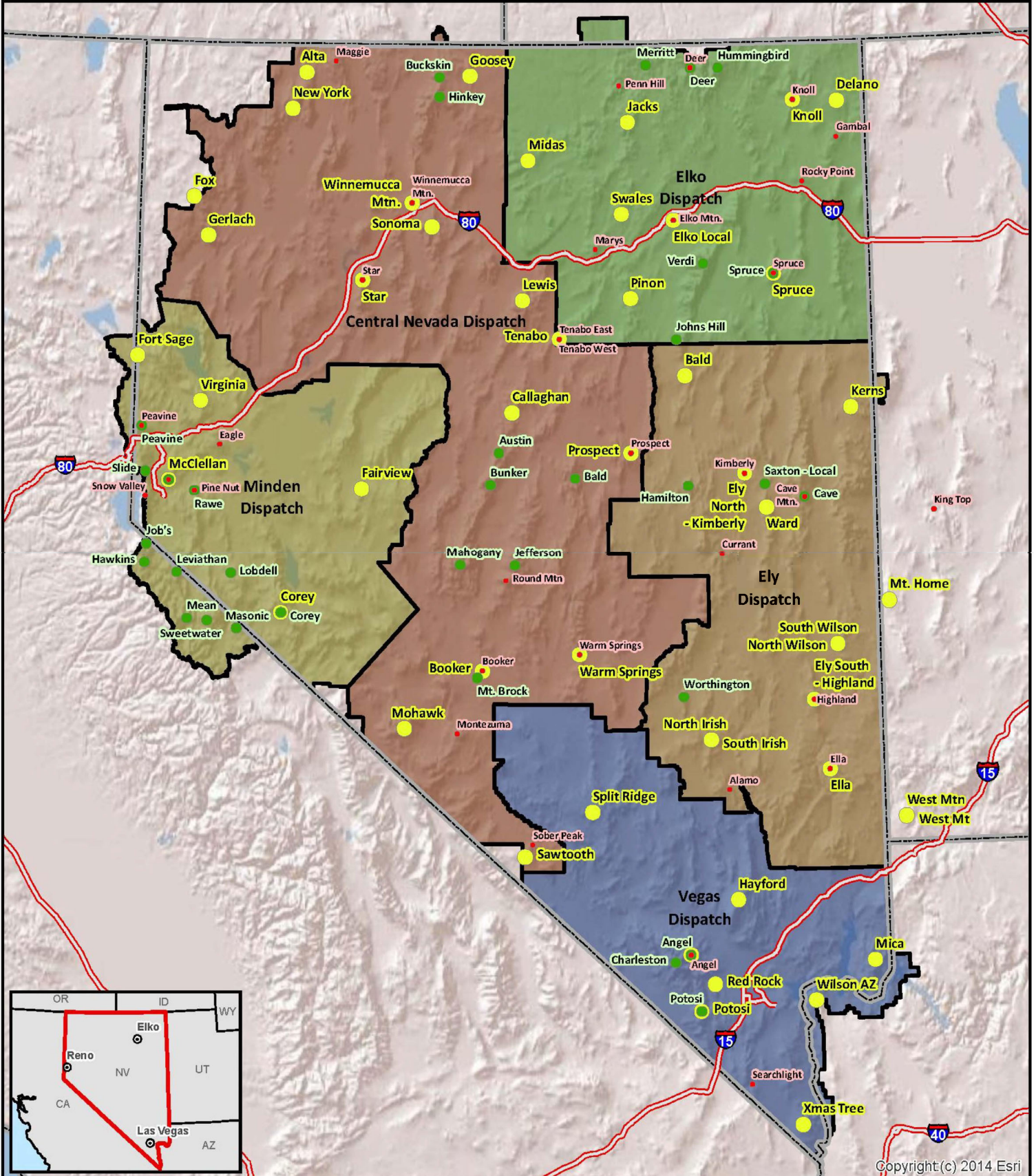
Zone	Chan 1	Chan 2	Chan 3	Chan 4	Chan 5	Chan 6	Chan 7	Chan 8	Chan 9	Chan 10	Chan 11	Chan 12	Chan 13	Chan 14	Chan 15	Chan 16
7 SND West Zone	BLM Potosi RX 173.0500 RX-CG 114.8 TX 164.4750 TX-CG 136.5	FS Charis RX 172.2750 TX 164.5000 TX-CG 156.7	FS Potosi RX 172.2750 TX 164.5000 TX-CG 123.0	SND Stratatus RX 171.6750 RX-NAC \$47C TX 168.2250 TX-NAC \$47C	FS Angel RX 172.2750 TX 164.5000 TX-CG 146.2	PHFD TAC 1 RX 153.8900 TX 153.8900 TX-CG 146.2	PHFD TAC 2 RX 154.4450 TX 154.4450 TX-CG 103.5	COFD 7 Potosi RX 154.3400 RX-CG 103.5 TX 153.7700 TX-CG 103.5	CCFD 7 Local RX 154.3400 RX-CG 103.5 TX 153.7700 TX-CG 103.5	Nye Co Local RX 155.6250 TX 155.6250 TX-CG 156.7	Vfire21 RX 154.2800 TX 154.2800 TX-CG 156.7	FS SOA RX 168.7750 TX 168.7750 TX-CG 156.7	NV TAC 1 RX 169.4375 RX-NAC \$47C TX 166.8750 TX-NAC \$47C	P A/G 23 RX 166.7625 TX 166.7625	S A/G 8 RX 166.8750 TX 166.8750	NV BLM SOA RX 171.6750 RX-CG 114.8 TX 171.6750 TX-CG 114.8
8 SND East Zone	BLM Hayford RX 173.0500 RX-CG 114.8 TX 164.4750 TX-CG 110.9	BLM Virgin RX 173.0500 RX-CG 114.8 TX 164.4750 TX-CG 123.0	BLM Wilson RX 173.0500 RX-CG 114.8 TX 164.4750 TX-CG 131.8	BLM West Mtn RX 173.0500 RX-CG 114.8 TX 164.4750 TX-CG 146.2	FS Angel RX 172.2750 TX 164.5000 TX-CG 146.2	NPS Wilson RX 166.3000 TX 166.9000 TX-CG 107.2	BLM Ely RX 170.0250 RX-CG 123.0 TX 166.3750 TX-CG 110.9	COFD 7 Virgin RX 154.3400 RX-CG 103.5 TX 153.7700 TX-CG 103.5	CCFD 7 Local RX 154.3400 RX-CG 103.5 TX 153.7700 TX-CG 103.5	Mesquite FD RX 154.4150 TX 153.8900 TX-CG 131.8	Vfire21 RX 154.2800 TX 154.2800 TX-CG 156.7	FS SOA RX 168.7750 TX 168.7750 TX-CG 156.7	NV TAC 1 RX 169.4375 RX-NAC \$47C TX 166.8750 TX-NAC \$47C	P A/G 23 RX 166.7625 TX 166.7625	S A/G 8 RX 166.8750 TX 166.8750	BLM SOA RX 171.6750 RX-CG 114.8 TX 171.6750 TX-CG 114.8
9 SND Central Zone	BLM Hayford RX 173.0500 RX-CG 114.8 TX 164.4750 TX-CG 110.9	FS Potosi RX 172.2750 TX 164.5000 TX-CG 123.0	BLM Xmas RX 173.0500 RX-CG 114.8 TX 164.4750 TX-CG 131.8	BLM Redrock RX 172.2750 TX 164.5000 TX-CG 146.2	FS Angel RX 172.2750 TX 164.5000 TX-CG 146.2	FS Charis RX 172.2750 TX 164.5000 TX-CG 156.7	Redrock LE RX 170.6000 RX-CG 114.8 TX 164.7000 TX-NAC \$47C	Potosi LE RX 170.6000 RX-NAC \$3E8 TX 164.7000 TX-NAC \$47C	CCFD 8 Gass RX 158.9700 RX-CG 131.8 TX 158.9700 TX-CG 131.8	CCFD 8 Local RX 158.9700 RX-CG 131.8 TX 158.9700 TX-CG 131.8	Vfire21 RX 154.2800 TX 154.2800 TX-CG 156.7	FS SOA RX 168.7750 TX 168.7750 TX-CG 156.7	NV TAC 1 RX 169.4375 RX-NAC \$47C TX 166.8750 TX-NAC \$47C	P A/G 23 RX 166.7625 TX 166.7625	S A/G 8 RX 166.8750 TX 166.8750	BLM SOA RX 171.6750 RX-CG 114.8 TX 171.6750 TX-CG 114.8
10 SND North Zone	BLM Hayford RX 173.0500 RX-CG 114.8 TX 164.4750 TX-CG 110.9	FS Charis RX 172.2750 TX 164.5000 TX-CG 123.0	BLM Ely RX 172.2750 TX 164.5000 TX-CG 146.2	BLM Irish RX 170.0250 RX-CG 123.0 TX 166.3750 TX-CG 131.8	BLM Ely S RX 170.0250 RX-CG 123.0 TX 166.3750 TX-CG 146.2	BLM Mohawk RX 171.7250 RX-CG 100.0 TX 164.8375 TX-CG 156.7	BLM Sawtooth RX 171.7250 RX-CG 100.0 TX 164.8375 TX-NAC \$47C	BLM Warm Sp RX 171.7250 RX-CG 100.0 TX 164.8375 TX-NAC \$47C	CCFD 8 Gass RX 158.9700 RX-CG 131.8 TX 158.9700 TX-CG 131.8	CCFD 8 Local RX 158.9700 RX-CG 131.8 TX 158.9700 TX-CG 131.8	Vfire21 RX 154.2800 TX 154.2800 TX-CG 156.7	FS SOA RX 168.7750 TX 168.7750 TX-CG 156.7	NV TAC 1 RX 169.4375 RX-NAC \$47C TX 166.8750 TX-NAC \$47C	P A/G 23 RX 166.7625 TX 166.7625	S A/G 8 RX 166.8750 TX 166.8750	BLM SOA RX 171.6750 RX-CG 114.8 TX 171.6750 TX-CG 114.8
11 Combined SND Fire / LE	Red Rock LE RX 170.6000 RX-NAC \$3E8 TX 164.7000 TX-NAC \$47C	Potosi LE RX 170.6000 RX-NAC \$3E8 TX 164.7000 TX-NAC \$47C	Hayford LE RX 170.6000 RX-NAC \$3E8 TX 164.7000 TX-NAC \$47C	BLM Redrock RX 172.2750 TX 164.5000 TX-CG 146.2	BLM Redrock RX 172.2750 TX 164.5000 TX-CG 146.2	BLM Xmas RX 173.0500 RX-CG 114.8 TX 164.4750 TX-CG 131.8	BLM Virgin RX 173.0500 RX-CG 114.8 TX 164.4750 TX-CG 123.0	FS Potosi RX 172.2750 TX 164.5000 TX-CG 123.0	FS Charis RX 172.2750 TX 164.5000 TX-CG 156.7	NPS Perkins RX 166.3000 TX 166.9000 TX-CG 123.0	Metro Admin RX 158.7900 TX 154.6500 TX-CG 77.0	BLM SOA RX 171.6750 RX-CG 114.8 TX 171.6750 TX-CG 114.8	FS SOA RX 168.7750 TX 168.7750 TX-CG 107.2	Gov Com 1 RX 163.1000 TX 163.1000	P A/G 23 RX 166.7625 TX 166.7625	Gass LE RX 173.6750 RX-NAC \$47C TX 163.3375 TX-NAC \$47C
12 SND NPS Zone	Red Rock LE RX 170.6000 RX-NAC \$3E8 TX 164.7000 TX-NAC \$47C	Hayford LE RX 170.6000 RX-NAC \$3E8 TX 164.7000 TX-NAC \$47C	Potosi LE RX 170.6000 RX-NAC \$3E8 TX 164.7000 TX-NAC \$47C	BLM Redrock RX 172.2750 TX 164.5000 TX-CG 146.2	BLM Redrock RX 172.2750 TX 164.5000 TX-CG 146.2	BLM Xmas RX 173.0500 RX-CG 114.8 TX 164.4750 TX-CG 131.8	BLM Virgin RX 173.0500 RX-CG 114.8 TX 164.4750 TX-CG 123.0	FS Potosi RX 172.2750 TX 164.5000 TX-CG 123.0	FS Charis RX 172.2750 TX 164.5000 TX-CG 156.7	NPS Perkins RX 166.3000 TX 166.9000 TX-CG 123.0	NPS Grad Wash RX 166.3000 TX 166.9000 TX-CG 114.8	BLM SOA RX 171.6750 RX-CG 114.8 TX 171.6750 TX-CG 114.8	FS SOA RX 168.7750 TX 168.7750 TX-CG 107.2	Gov Com 2 RX 168.3500 TX 168.3500	P A/G 23 RX 166.7625 TX 166.7625	Gass LE RX 173.6750 RX-NAC \$47C TX 163.3375 TX-NAC \$47C
14 R4 Fire	FS CHARL RX 172.2750	FS ANGEL RX 172.2750	ELY CAVE RX 169.9000	BAIRD RX 173.7750	AUSTIN RX 173.7750	MAHOGANY RX 173.7750	PEAVINE RX 169.8750	SLIDE RX 169.8750	RAWE RX 169.8750	HAWKINS RX 169.8750	BUCKSKIN RX 170.5250	MERRITT RX 169.9000	DEER RX 169.9000	JOHNS HILL RX 169.9000	SPRUCE RX 169.9000	R4 SOA RX 168.7750
15 SFSTATE NDF	NDF ANGEL RX 158.8950	NDF HIGHLAND RX 158.8950	NDF ELLA RX 151.1900	NDF CAVE RX 153.8750	NDF PEAVINE RX 156.0750	NDF MCCLELLAN RX 156.0750	NDF PINENUT RX 156.0750	NDF SPRUCE RX 156.0750	NDF SPURGE RX 156.0750	NDF PENN RX 156.0750	NDF KNOLL RX 156.0750	NDF RED 1 RX 156.0750	VFIRE21 RX 154.2800			
16 SND Red Rock	Red Rock TAC RX 168.2250 RX-CG 156.7 TX 162.2250 TX-CG 156.7	Redrock Admin RX 171.7000 RX-CG 114.8 TX 162.2250 TX-CG 156.7	Redrock LE RX 170.6000 RX-NAC \$3E8 TX 164.7000 TX-NAC \$47C	BLM Potosi RX 173.0500 RX-CG 114.8 TX 164.4750 TX-CG 136.5	Potosi LE RX 170.6000 RX-NAC \$3E8 TX 164.7000 TX-NAC \$47C	BLM Hayford RX 173.0500 RX-CG 114.8 TX 164.4750 TX-NAC \$40B	Hayford LE RX 170.6000 RX-NAC \$3E8 TX 164.7000 TX-NAC \$40B	FS Charis RX 172.2750 TX 164.5000 TX-CG 156.7	FS Potosi RX 172.2750 TX 164.5000 TX-CG 123.0	Charis LE RX 170.3875 TX 164.7000 TX-CG 110.9	Gov Com 1 RX 163.1000 TX 163.1000	SOA RPT RX 171.6750 RX-CG 250.3 TX 168.2250 TX-CG 250.3	FS SOA RX 168.7750 TX 168.7750 TX-CG 156.7	P A/G 23 RX 166.7625 TX 166.7625	VMED 28 RX 155.3400 TX 155.3400 TX-CG 156.7	BLM SOA RX 171.6750 RX-CG 114.8 TX 171.6750 TX-CG 114.8
17 CA CDD	Tourquoise RX 166.3750	Calico RX 166.3750	Old Woman's RX 166.3750	Government RX 166.3750	Bird Springs RX 166.3750	BLM SOA RX 168.3000	Mohave NP RX 169.9875	BLM SOA RX 168.3000	TAC 1 RX 168.0500	TAC 2 RX 168.2000	TAC 7 RX 168.3500	A/G 59 RX 169.1125	A/G 53 RX 168.4875	CAL A/G 4 RX 151.2200		
18 CA CDD Needles	CDD Fire R RX 166.4875 TX 167.0750	CDD Admin R RX 166.3750 TX 166.9750	MNP Dir RX 169.9875	MNP Rpt RX 169.9875	NIFCT2 RX 168.2000	VFIRE 24 RX 154.2875 RX-CG 156.7 TX 154.2875 TX-CG 156.7	VFIRE 25 RX 154.2875 RX-CG 156.7 TX 154.2875 TX-CG 156.7	VFIRE 26 RX 154.3025 RX-CG 156.7 TX 154.3025 TX-CG 156.7	BDC V3 R RX 151.1525	BDC V4 R RX 154.0325	LVD RPT RX 169.4000	ALCORD RX 156.0750 RX-CG 156.7 TX 156.0750 TX-CG 156.7	A/G 59 RX 169.1125	A/G 53 RX 168.4875	Alrguard RX 168.6250 RX-CG 110.9 TX 168.6250 TX-CG 110.9	
19 AZ Strip	Big Mtn RX 173.8250	Hudson RX 173.8250	Scrubb RX 173.8250	Big Ridge RX 173.8250	Moccasin RX 173.8250	Logan RX 173.8250	SOA Rptr RX 168.7750	TAC 1 RX 166.5000	TAC 2 RX 166.9625	TAC 6 RX 169.0750	TAC 9 RX 168.2750	A/G 19 RX 168.1250	A/G 24 RX 168.6375			
20 AZ CRD	Telegraph RX 173.8250	Black Mtn RX 173.8250	Cunningham RX 173.8250	Greenwood RX 170.5125	Xmas Tree RX 169.7750	Perkins RX 170.5125	Patterson RX 170.5125	Hayden RX 170.5125	Fire TAC 2 RX 168.5375	Fire TAC 1 RX 167.1750	VFIRE21 RX 154.2800	Fire TAC 1 RX 168.2750	Crew 2/GC2 RX 168.3500	A/G 60 RX 169.1250		



Nevada Repeater Locations

NV-BLM, NV-HTF and NDF

Nevada Fire & Aviation
Bureau of Land Management
U.S. Department of the Interior



Date: 2020-05-08
No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

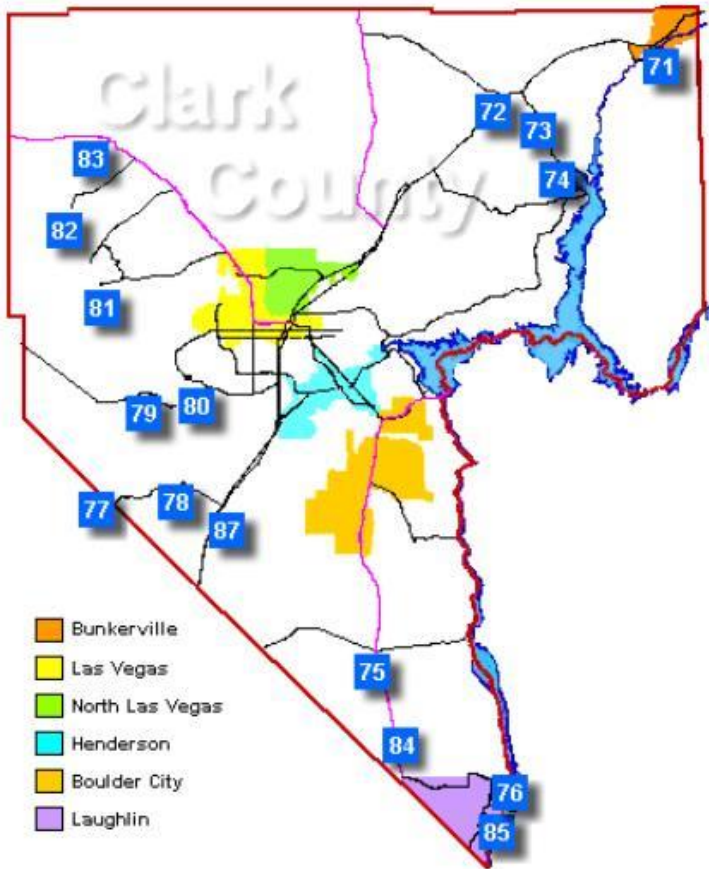
Agency • NDF • USFS • BLM

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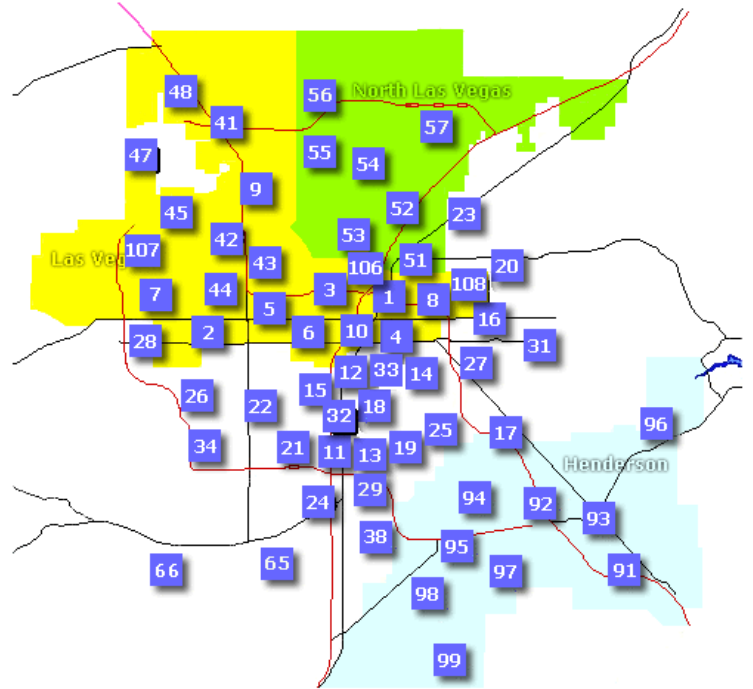


Clark County Fire Stations

Rural Fire Stations



Urban Fire Stations



Station	Rural Fire Station Name	Address
71	Station 71 (Bunkerville Station)	200 W VIRGIN ST, Bunkerville, NV 89007
72	Station 72 (Moapa Station)	22 E SR 168, Moapa, NV 89025
73	Station 73 (Logandale Station)	3570 LYMAN ST, Logandale/Overton, NV 89021
74	Station 74 (Overton Station)	310 N MOAPA VALLEY BLVD, Logandale/Overton, NV 89040
75	Station 75 (Searchlight Station)	255 S NEVADA ST, Searchlight, NV 89046
76	Station 76	50 Laughlin Civic Dr, Laughlin, NV 89029
77	Station 77 (Sandy Valley Station)	650 W QUARTZ AVE, Sandy Valley, NV 89019
78	Station 78 (Goodsprings Station)	375 N BEACON ST, Goodsprings, NV 89019
79	Station 79 (Mtn. Springs Station)	2100 SR 160, Mountain Springs, NV 89161
80	Station 80 (Blue Diamond Station)	28 COTTONWOOD DR, Redrock Basin, NV 89004
81	Station 81 (Mt. Charleston Station)	25 SKI CHALET PL, Mt Charleston, NV 89124
82	Station 82 (Cold Creek Station)	0 CAMP BONANZA RD, Clark County, NV 89124
83	Station 83 (Indian Springs Station)	715 W GRETTA LN, Indian Springs, NV 89018
84	Station 84 (Cal-Nev-Ari Station)	Apache Rd, NV 89039
85	Station 85	3770 S JAMES A BILBRAY PKY, Laughlin, NV 89029
87	Station 87	20400 S LAS VEGAS BLVD, Clark County, NV 89019

Burn Protocol

Policy/Action: The following procedures will be used when Bureau of Land Management (BLM) employees sustain burn injuries, regardless of agency jurisdiction. These procedures will also apply to federal employees, casual, and other personnel covered by the Federal Employee's Compensation Act who are burned during a wildland fire operation within BLM jurisdiction.

After on-site medical response, initial medical stabilization, and evaluation are completed, District/Field Managers will coordinate with the attending physician to ensure that an employee whose injuries meet any of the following burn injury criteria (identified by the American Burn Association as warranting immediate referral to an accredited burn center) is immediately referred to the nearest regional burn center. A list of possible burn care facilities can be found at

<http://www.blm.gov/nifc/st/en/prog/fire/im.html>.

The decision to refer the employee to a regional burn center will be made directly by the attending physician or may be requested of the physician by the Agency Administrator.

Burn Injury Criteria

1. Partial thickness burns (second degree) involving greater than 5% Total Body Surface Area (TBSA).
2. Burns involving the face, hands, feet, genitalia, perineum, or major joints.
3. Third-degree burns of any size are present.
4. Electrical burns, including lightning injury are present.
5. Inhalation injury is suspected.
6. Burns are accompanied by traumatic injury (such as fractures).
7. Individuals are unable to immediately return to full duty.

It is imperative that action is expeditious, as burn injuries are often difficult to evaluate and may take 72 hours to manifest themselves. When there is any doubt as to the severity of the injury transport the employee to a regional burn center.

Medical Emergency Procedures :

1. If a medical emergency occurs, establish an incident commander for the medical incident and utilize pages 1-1, Medical Incident Report, in your IRPG to communicate with LVICC.
2. If cell service is available have on sight personnel contact 911 directly.
3. In form LVICC of any working cell or satellite phone numbers.
4. LVICC will begin medical emergency procedures and notifications as directed
5. LVICC will notify Duty Officer(s).
6. Responding medical personnel will make a patient destination decision based upon medical needs of the patient and local EMS protocols. Communicate the patient's destination to LVICC for documentation and to ensure agency personnel respond to the appropriate hospital.
7. Don't be afraid to disclose medically necessary information if asked such as patient age and vitals but remember to avoid disclosing names of patients/ victims and personally identifiable information (PII) over the radio. Use your words carefully and remember that radio frequencies are monitored by the public and the press. Review agency policies regarding PII and medical information for more information .

Medical Emergency Plan

Southern Nevada District

Nevada On Call BLM Medical Director: 775-800-6134

Nevada Fire & Aviation
Bureau of Land Management
U.S. Department of the Interior



Medical Incident Report

FOR ALL MEDICAL EMERGENCIES: IDENTIFY ON SCENE I.C. BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM DISPATCH.

Use items 1 through 8 to communicate situation to dispatch							
1. CONTACT DISPATCH: Ex: "Dispatch, Div. Alpha. Stand-by for Emergency Traffic"							
2. INCIDENT STATUS: Provide incident summary (including number of patients) and command structure. Ex: "Dispatch, I have a Red priority patient, unconscious, struck by a falling tree. Requesting air ambulance to Forest Road at (Lat./Long.). This will be the Trout Meadow Medical, IC is TFLD Jones. EMT Smith is providing medical care.							
Severity of Emergency / Transport Priority	<div style="display: flex; align-items: flex-start;"> <div style="width: 20px; height: 20px; background-color: red; margin-right: 5px;"></div> <div> <p>RED / PRIORITY 1 Life or limb threatening injury or illness</p> <p>Evacuation need is IMMEDIATE</p> <p><i>Ex: Unconscious, difficulty breathing, bleeding severely, 2°-3° burns more than 4 palm sizes, heat stroke, dsoriented.</i></p> </div> </div>						
	<div style="display: flex; align-items: flex-start;"> <div style="width: 20px; height: 20px; background-color: yellow; margin-right: 5px;"></div> <div> <p>YELLOW / PRIORITY 2 Serious injury or illness</p> <p>Evacuation may be DELAYED if necessary</p> <p><i>Ex: Significant trauma, unable to walk, 2°-3° burns not more than 1-3 palm sizes.</i></p> </div> </div>						
	<div style="display: flex; align-items: flex-start;"> <div style="width: 20px; height: 20px; background-color: green; margin-right: 5px;"></div> <div> <p>GREEN / PRIORITY 3 Minor injury or illness</p> <p>Non-emergency transport</p> <p><i>Ex: Sprains, strains, minor heat-related illness</i></p> </div> </div>						
Nature of Injury or Illness & Mechanism of Injury							Brief Summary of Injury or Illness <i>(Ex: Unconscious, Struck by Falling Tree)</i>
Transport Request							Air Ambulance / Short Haul/Hoist / Ground Ambulance / Other
Patient Location							Descriptive Location & Lat/Long <i>(WGS 84)</i>
Incident Name							Geographic Name + "Medical" <i>(Ex: Trout Meadow Medical)</i>
On-Scene Incident Commander							Name of on-scene IC of incident within an Incident <i>(Ex:TFLD Jones)</i>
Patient Care							Name of Care Provider <i>(Ex: EMT Smith)</i>
3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient as applicable (start with the most severe patient).							
Number of patients:	Male / Female	Age:	Weight:	Conscious? <input type="checkbox"/> YES <input type="checkbox"/> NO = RED / PRIORITY 1!			
				Breathing? <input type="checkbox"/> YES <input type="checkbox"/> NO = RED / PRIORITY 1!			
Initial Vital Signs							
TIME	BP	PULSE	RESP.	PUPILS	SKIN COLOR & TEMP	MEDICATIONS ADMINISTERED	AVPU (mental status/level of conscious) <u>A</u> lert <u>V</u> erbal <u>P</u> ainful <u>U</u> nresponsive
Treatment:							

Medical Emergency Plan

Southern Nevada District

Nevada On Call BLM Medical Director: 775-800-6134

Nevada Fire & Aviation
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4. TRANSPORT PLAN:					
<i>Evacuation Location (If different): (Descriptive Location (drop point, intersection, etc.) or Lat./Long.)</i>					
Patient's ETA to Evacuation Location:					
Helispot / Extrication Site Size & Hazards:					
5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:					
<input type="checkbox"/> Paramedic/EMT(s)			<input type="checkbox"/> Crew(s)		
<input type="checkbox"/> Immobilization Devices			<input type="checkbox"/> AED's		
<input type="checkbox"/> Oxygen			<input type="checkbox"/> Trauma Bag		
<input type="checkbox"/> IV/Fluid(s)			<input type="checkbox"/> Splints		
<input type="checkbox"/> Rope Rescue			<input type="checkbox"/> Wheeled Litter		
<input type="checkbox"/> HAZMAT			<input type="checkbox"/> Extrication		
<input type="checkbox"/> Other:					
6. COMMUNICATIONS: <i>Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable</i>					
Function	Channel Name/#	Receive (RX)	Tone/ NAC*	Transmit (TX)	Tone/ NAC
Command					
Air-to-Ground					
Tactical					
7. CONTINGENCY: Considerations: If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead.....					
8. ADDITIONAL INFORMATION: Updates/Changes, etc.					
REMEMBER: Confirm ETA's of resources ordered. Act according to your level of training. Be Alert, Keep Calm. Think Clearly. Act Dec isively					

Vital Signs							
TIME	BP	PULSE	RESP.	PUPILS	SKIN COLOR & TEMP	MEDICATIONS ADMINISTERED	AVPU (mental status/level of conscious) (<u>A</u> LERT <u>V</u> ERBAL <u>P</u> AINFUL <u>U</u> NRESPONSIVE)

Medical Emergency Plan

Southern Nevada District

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Medical Transport Resources

ROTOR WING (see map): 150mi. response area based on one fuel cycle. If injury location is outside of response area helicopter will have to refuel en-route				
Use mutual aid VMED / NEVCORD frequencies for communications with air-ambulance resources				
VMED 28 / NEVCORD 1 (primary):		155.3400 (VHF simplex)		
VMED 29 / NEVCORD 2 (secondary):		155.3475 (VHF simplex)		
Name	Location	Dispatch #	Max Patients	Capabilities
Mercy Air	Henderson, Pahrump, Mesquite, NV	800-222-3456	2	Night Flight
Intermountain Lifeflight	Salt Lake City, St. George, UT	801-321-1234	1	Night Flight
Las Vegas Metro	North Las Vegas, NV	702-828-3567 or 3552	Extraction/SAR Only	SAR, Hoist, Night Flight
*Military	NAS Fallon, NV & Nellis AFB Las Vegas, NV	800-851-3051	Varies	Hoist & Night Flight

* Military does not require pre-approval, call direct.

FIXED WING: Larger response area, fuel is not normally a factor. Consider ordering with a rotor wing if more than 1 patient				
Name	Location	Dispatch #	Max Patients	Aircraft
Life Guard Int.	Las Vegas & Tonopah, NV	888-359-6428	2	King Air C90, B100, B200 & LearJet 35A
MedX AirOne	Ely, NV	844-771-4955	2	Pilatus PC-12 NG

GROUND TRANSPORT:				
Name	Location	Contact #	No. of Units	Life Support Rating
Clark County Dispatch	Multiple locations	702-229-0291	Multiple	Advanced
Nye County	Multiple locations	775-784-1626	Multiple	Advanced
Esmeralda County	Multiple Locations	775-485-6370	Multiple	Intermediate
Lincoln County	Multiple locations	775-962-8080	Multiple	Intermediate

AIRPORTS (see map):							
Airport	Des.	Lat/Lon	Contact #	Elev.	Runway	Surface	Fuel
Beatty	BTY	36° 51' 40"N, 116° 47' 13"W	775-751-6855	3120	5615 x 60 ft.	Asphalt	No Fuel
Boulder City	BVU	35° 56' 51"N, 114° 51' 40"W	702-293-9405	2146	4803 x 75 ft.	Asphalt	100LL & Jet A
Goldfield	OL4	37° 29' 09"N, 117° 11' 27"W	775-485-3406	4682	6100 x 80 ft.	Dirt	No Fuel
McCarran International	LAS	36° 04' 59"N, 115° 09' 13"W	702-261-5605	2110	14512 x 150 ft.	Concrete	100LL & Jet A
Mesquite	67L	36° 49' 60"N, 114° 03' 30"W	702-346-5295	1913	5121 x 75 ft.	Asphalt	100LL & Jet A
North Las Vegas	VGT	36° 12' 36"N, 115° 11' 42"W	702-261-3800	2188	5005 x 75 ft.	Asphalt	100LL & Jet A
Overton-Echo Bay	OL9	36° 18' 40"N, 114° 27' 50"W	702-293-8908	1509	3400 x 50 ft.	Asphalt	No Fuel
Overton-Perkins	U08	36° 34' 05"N, 114° 26' 36"W	702-397-9617	1358	4811 x 75 ft.	Asphalt	100LL Only
Sandy Valley	3L2	35° 47' 43"N, 115° 37' 38"W	702-723-5123	2575	3340 x 45 ft.	Asphalt	No Fuel

Medical Emergency Plan

Southern Nevada District

Nevada On Call BLM Medical Director: 775-800-6134

Nevada Fire & Aviation
Bureau of Land Management
U.S. Department of the Interior



Medical Care Resources

Definitive Care (see map):				
Type	Name	Address	Lat/Lon	Contact #
Medical Trauma Burn	Univ. Med. Center/Lion's Burn Center	1800 Charleston Blvd. Las Vegas, NV	36° 09' 36"N, 115° 09' 59"W	702-383-2575
Medical Trauma	University Medical Center	1800 Charleston Blvd. Las Vegas, NV	36° 09' 36"N, 115° 09' 59"W	702-383-3969
	St. Rose Dominican, Siena Campus	3001 St. Rose Parkway Henderson, NV.	36° 02' 18"N, 114° 59' 06"W	702-616-5600
	Sunrise Hospital & Med. Center	3186 South Maryland Parkway Las Vegas, NV	36° 07' 57"N, 115° 08' 07"W	702-731-8098
Medical	Advanced Medical Center	1501 E Calvada Blvd. Pahrump, NV	36° 11' 29"N, 115° 59' 14"W	775-727-5500
	Boulder City Hospital	901 Adam Blvd. Boulder City, NV	35° 58' 04"N, 114° 50' 34"W	702-294-5751
	Dixie Reg. Med. Center	1380 S Medical Center Dr. St. George, UT	37° 05' 52"N, 113° 33' 13"W	435-251-1059
	Henderson Hospital	1050 W. Galleria Dr. Henderson, NV 89011	36° 04' 22"N, 115° 01' 49"W	Main Line: 702-963-7000 Nurses Station: 702-963-7100
	Mesa View Reg. Hospital	1299 Bertha Howe Mesquite, NV	36° 48' 36"N, 114° 06' 57"W	702-346-2612
	Mountain View Hospital	3100 N. Tenaya Way Las Vegas, NV	36° 12' 58"N, 115° 14' 56"W	702-255-5025
	Summerlin Hospital	657 N. Town Center Dr. Las Vegas, NV	36° 10' 52"N, 115° 19' 02"W	702-233-7033
	Valley Hospital	620 Shadow Lane Las Vegas, NV	36° 09' 47"N, 115° 09' 59"W	702-388-4506
	Westen Arizona Reg. Med. Center	2735 Silver Cr. Rd. Bullhead City, AZ	35° 06' 39"N, 114° 33' 18"W	928-763-0245
Poison Control	American Association of Poison Control Centers	National	Several Locations	800-222-1222
	Nevada Poison Center	Nevada	Several Locations	800-446-6179
	Utah Poison Control Center	Easten Nevada / Utah	Several Locations	801-587-0600

Law Enforcement Resources

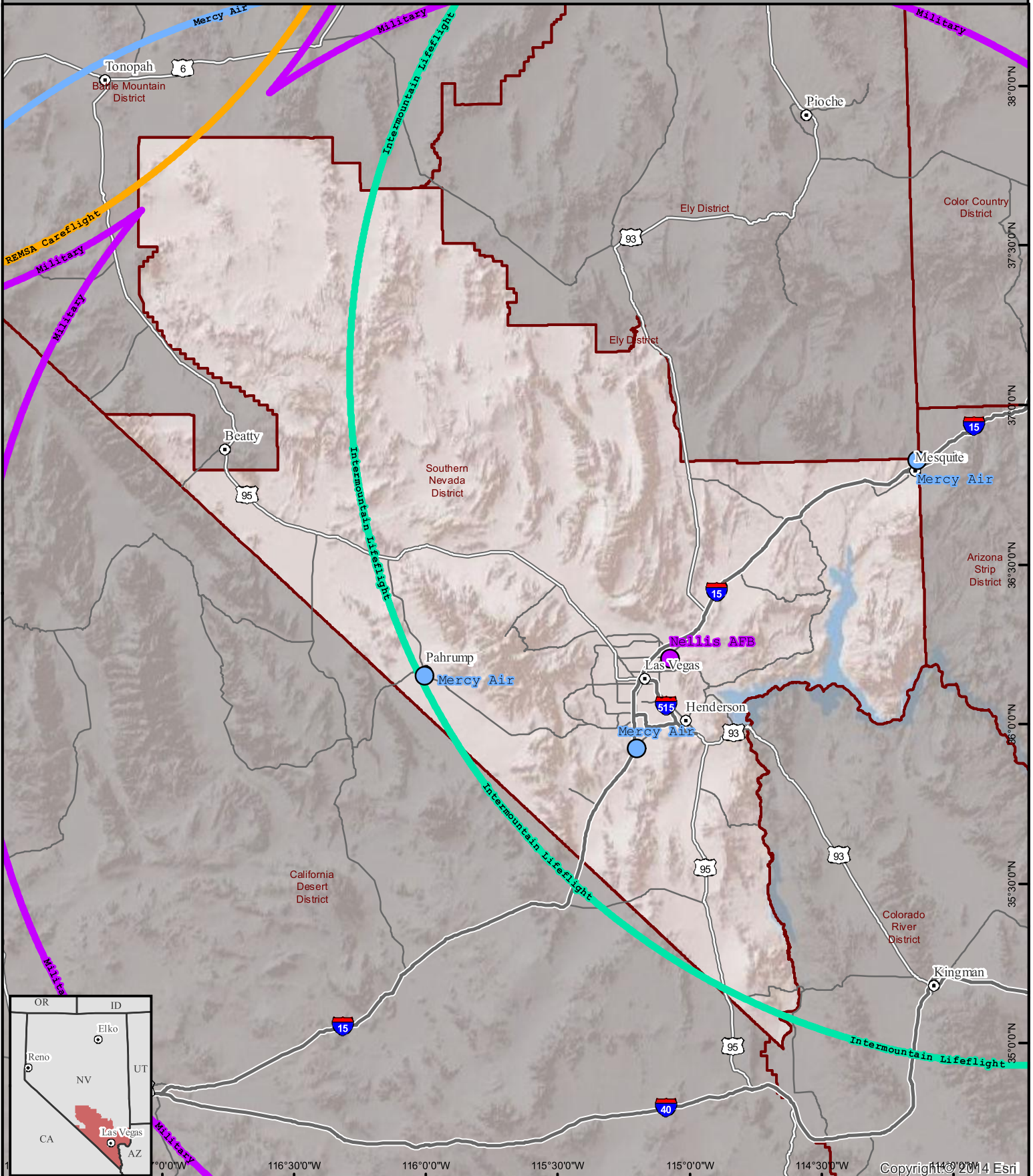
NEVADA HIGHWAY PATROL: 775-687-5300	
Las Vegas (Southern Command) 702-486-4100	
Alamo	775-725-3325
Beatty	775-553-9358
Indian Springs	702-879-3025
Jean	702-874-1284
Laughlin	702-298-7455
Moapa	702-864-2323
Pahrump	775-727-7090

SHERIFF'S OFFICES	
Clark County Sheriff's Office	702-455-0000
Lincoln County Sheriff's Office	775-962-8080
Nye County Sheriff's Office	775-482-8101
SEARCH & RESCUE	
Metro Search & Rescue – Las Vegas	702-828-3567 or 3552
Military Search & Rescue-Blackjack	702-653-4707
Military Search and Rescue Langley	800-851-3051
<small>*Requests can go direct through this number, no additional approval needed</small>	

Rotorwing Coverage - 150mi Radius

Southern Nevada District

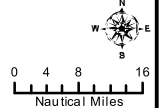
Nevada Fire & Aviation
Bureau of Land Management
U.S. Department of the Interior



Date: 2021-05-12
No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data.

Radio Frequencies:
NEVCORD 1 - 155.3400
NEVCORD 2 - 155.3475

- | | | |
|--------------------------|-------------|-----------------------|
| Air St. Luke's | MedX AirOne | REMSA Careflight |
| Intermountain Lifeflight | Mercy Air | Reach Air Med |
| Life Flight | Military | Univ. of Utah Air Med |

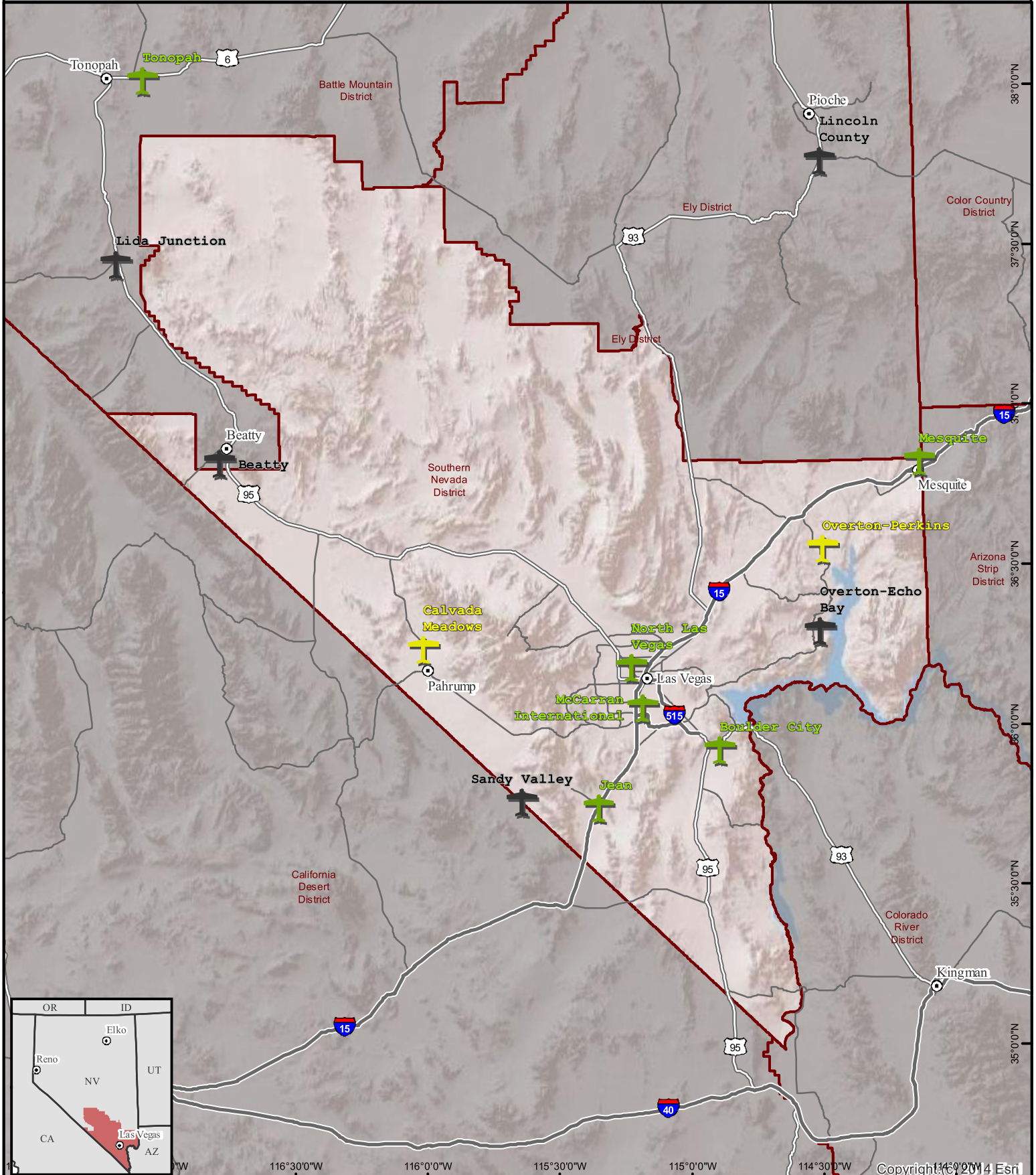


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Nevada Airports & Fuel Availability

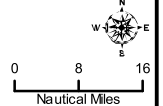
Southern Nevada District

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Bureau of Land Management
U.S. Department of the Interior



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- 100LL & Jet A Fuel
- 100LL Only
- No Fuel

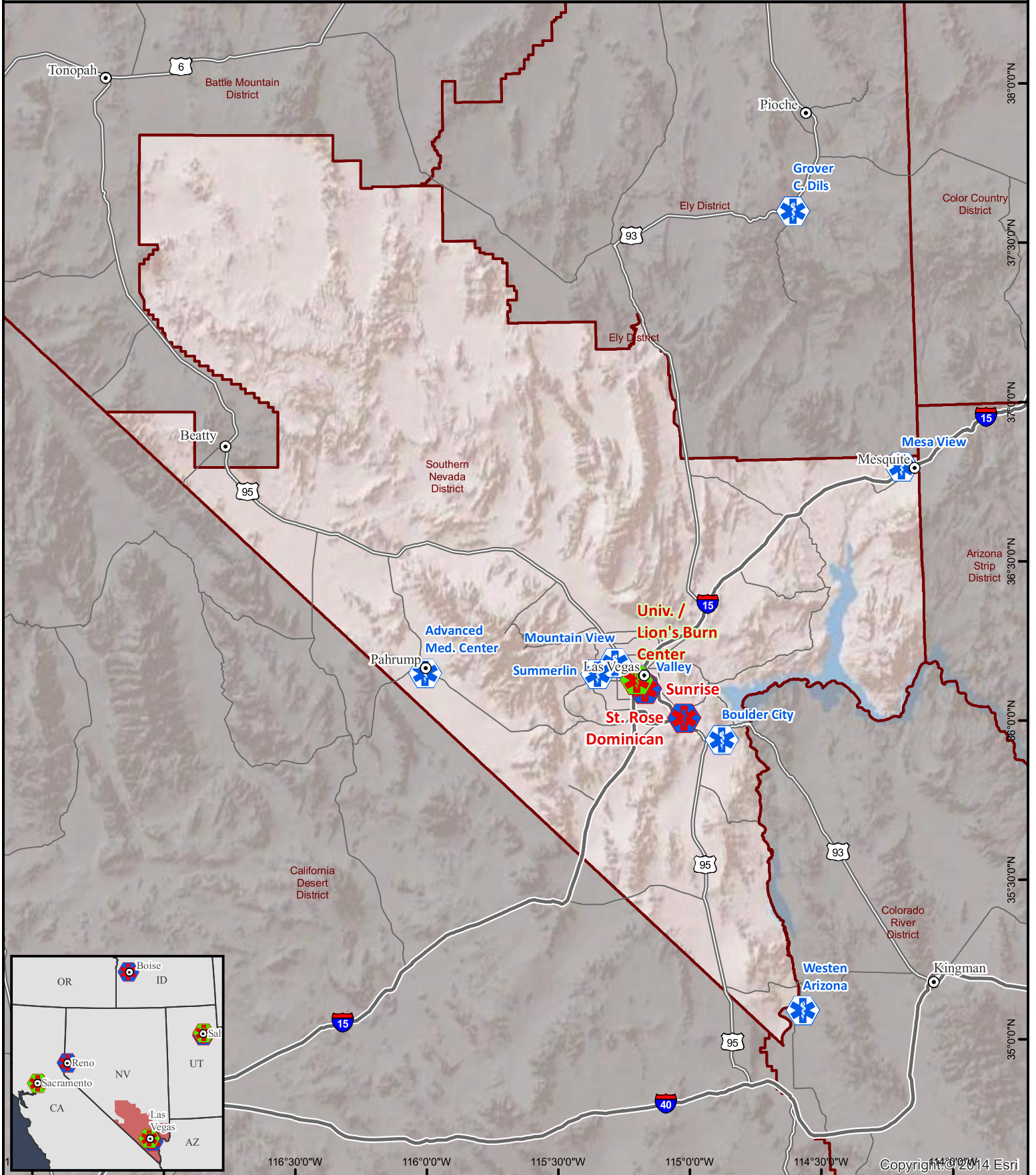


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Regional Medical/Trauma/Burn Centers

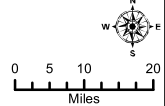
Southern Nevada District

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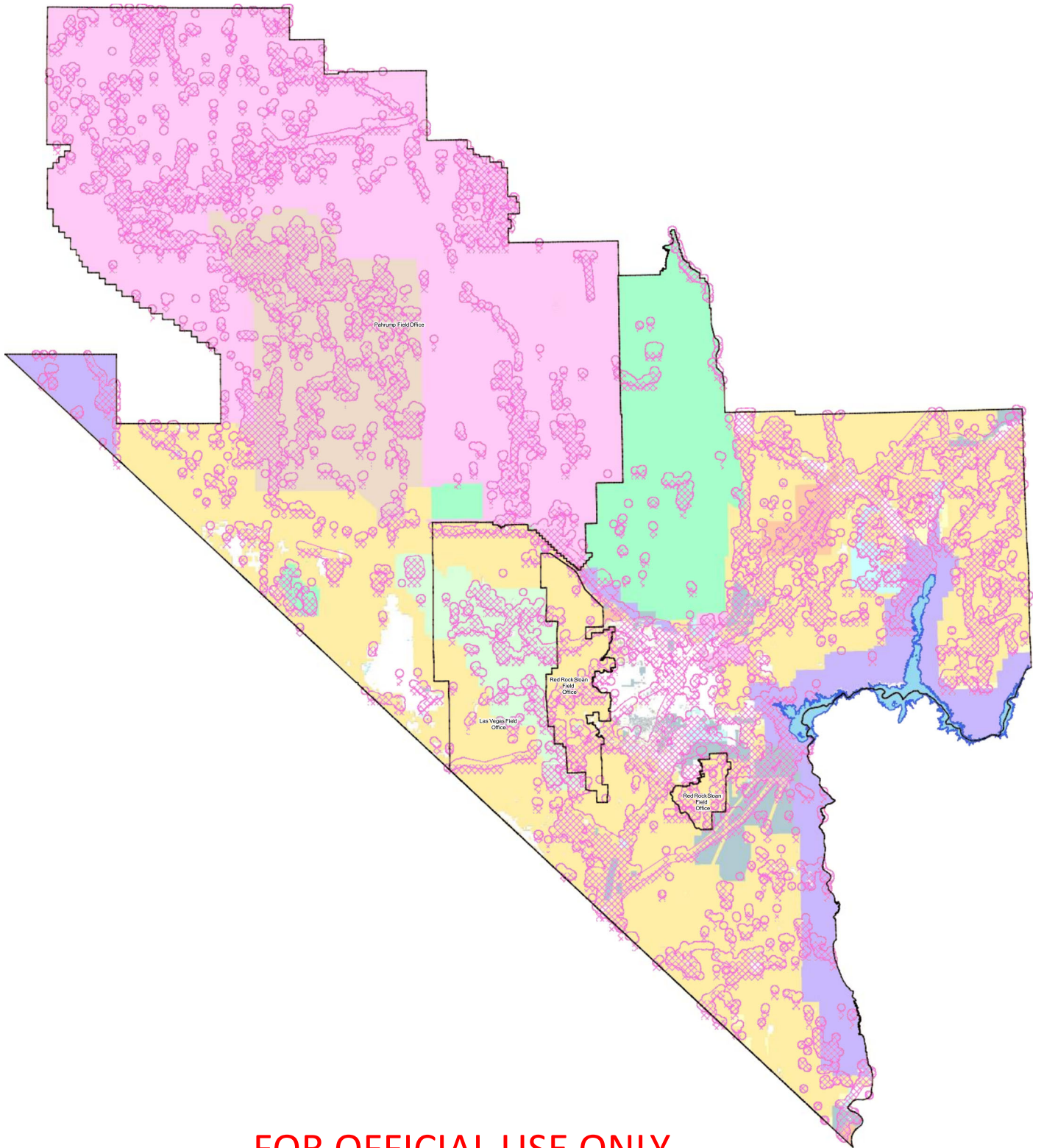
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-  Medical/Trauma/Burn
-  Medical/Trauma
-  Medical



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Southern Nevada District Office



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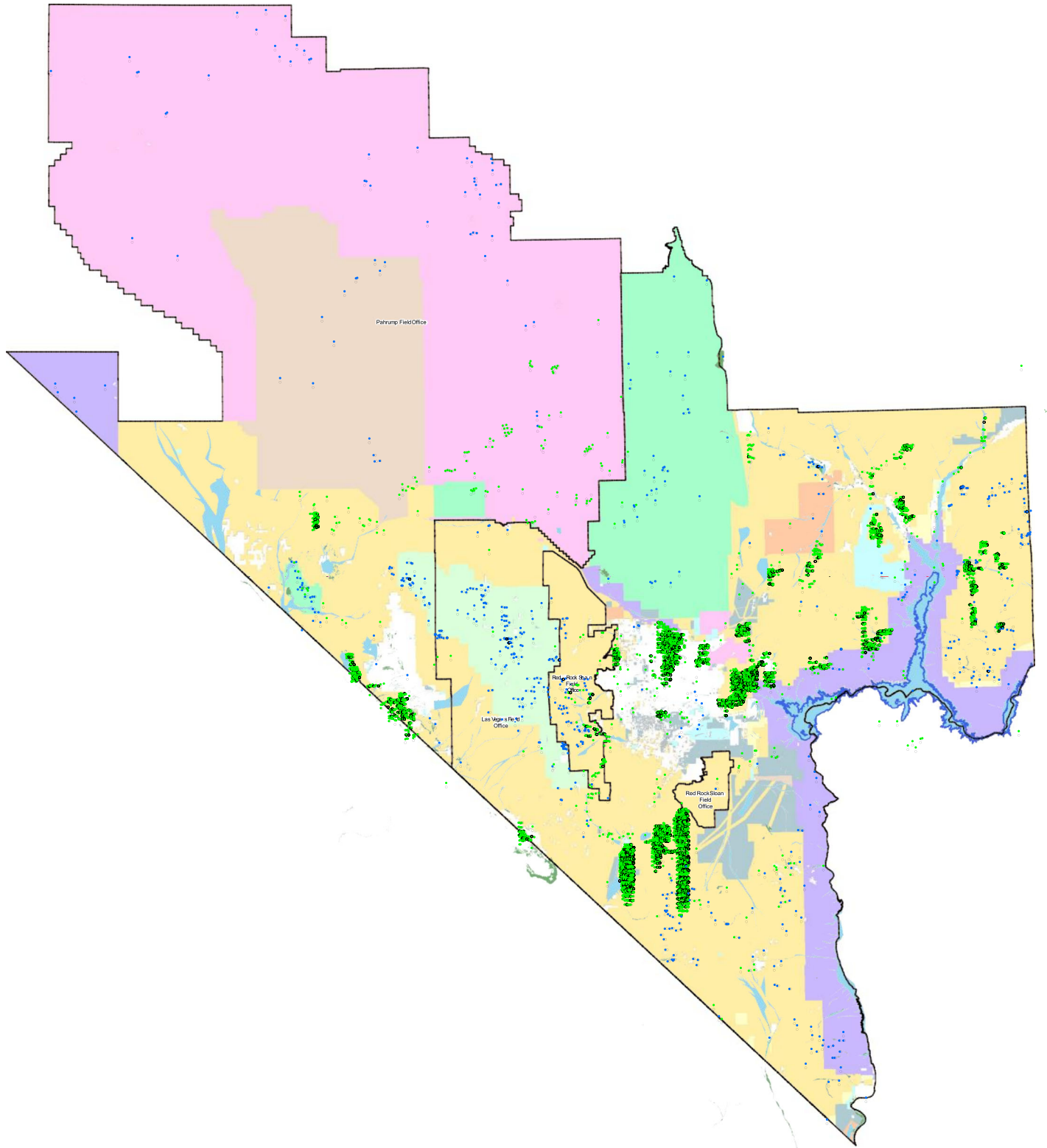


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Legend			
	SNDO Field Office		Fish and Wildlife Service
	Lake Mead		Bureau of Indian Affairs
	Cultural Resource Protection Area		Bureau of Land Management
			Bureau of Reclamation
			Department of Defense
			Department of Energy
			Forest Service
			National Park Service
			Nevada State
			Local Government
			Private



Southern Nevada District Office



Legend

SNDO Field Office	Bureau of Indian Affairs	Fish and Wildlife Service
BLM Sensitive Plant	Bureau of Land Management	Forest Service
Spring Location	Bureau of Reclamation	National Park Service
Lake Mead	Department of Defense	Nevada State
FEMA Flood Zone A	Department of Energy	Local Government
Mesquite Acacia Habitat		Private

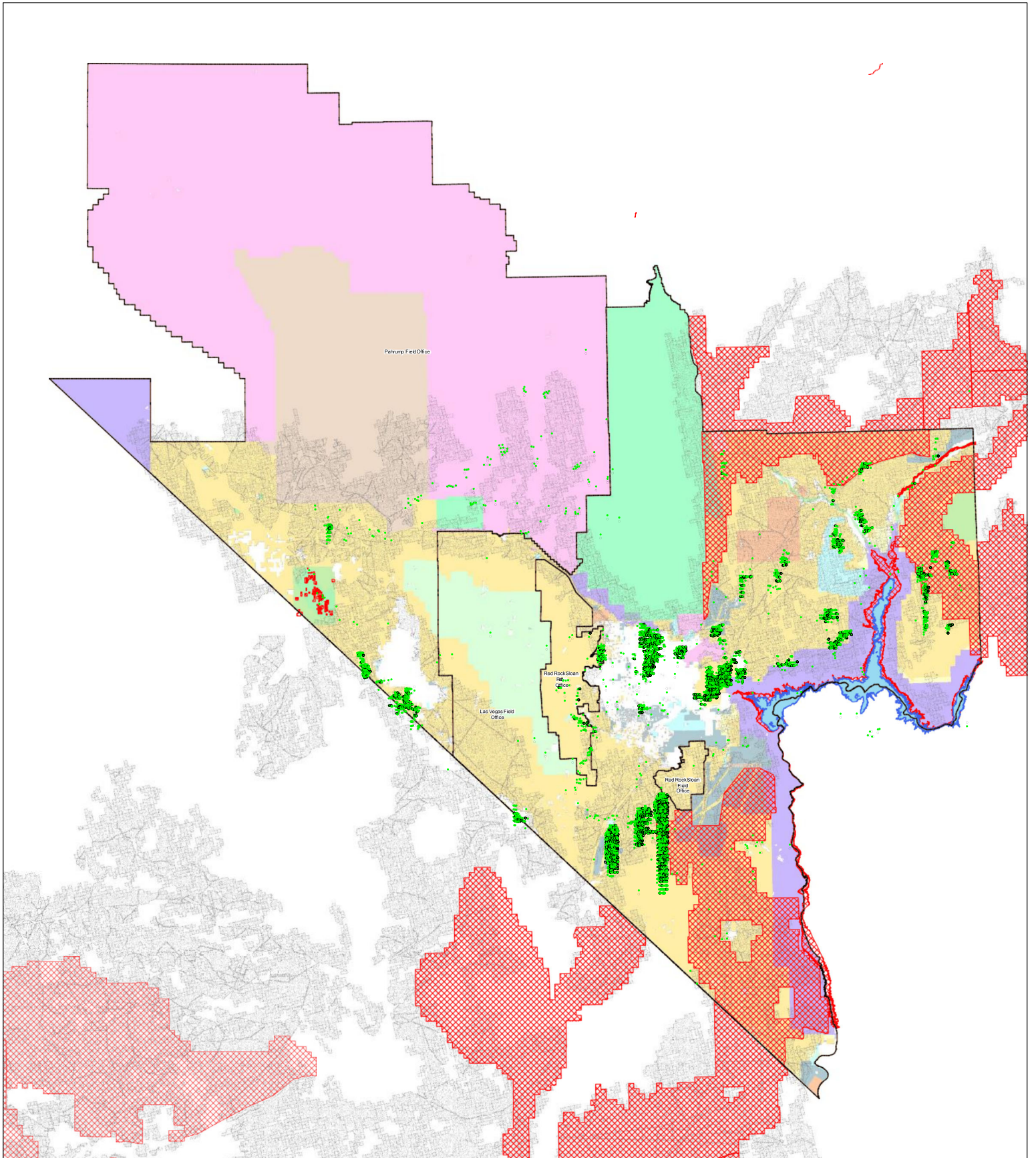


No Warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual, site, or aggregate use with other data.



0 5 10 20 Miles

Southern Nevada District Office



Legend

BLM Sensitive Plant	SNDO Land Status	Fish and Wildlife Service
SNDO Field Office	Bureau of Indian Affairs	Forest Service
Lake Mead	Bureau of Land Management	National Park Service
UFWS Critical Habitat	Bureau of Reclamation	Nevada State
Desert Tortoise High Value Contiguous Habitat	Department of Defense	Local Government
SNDO Special Status Species	Department of Energy	Private

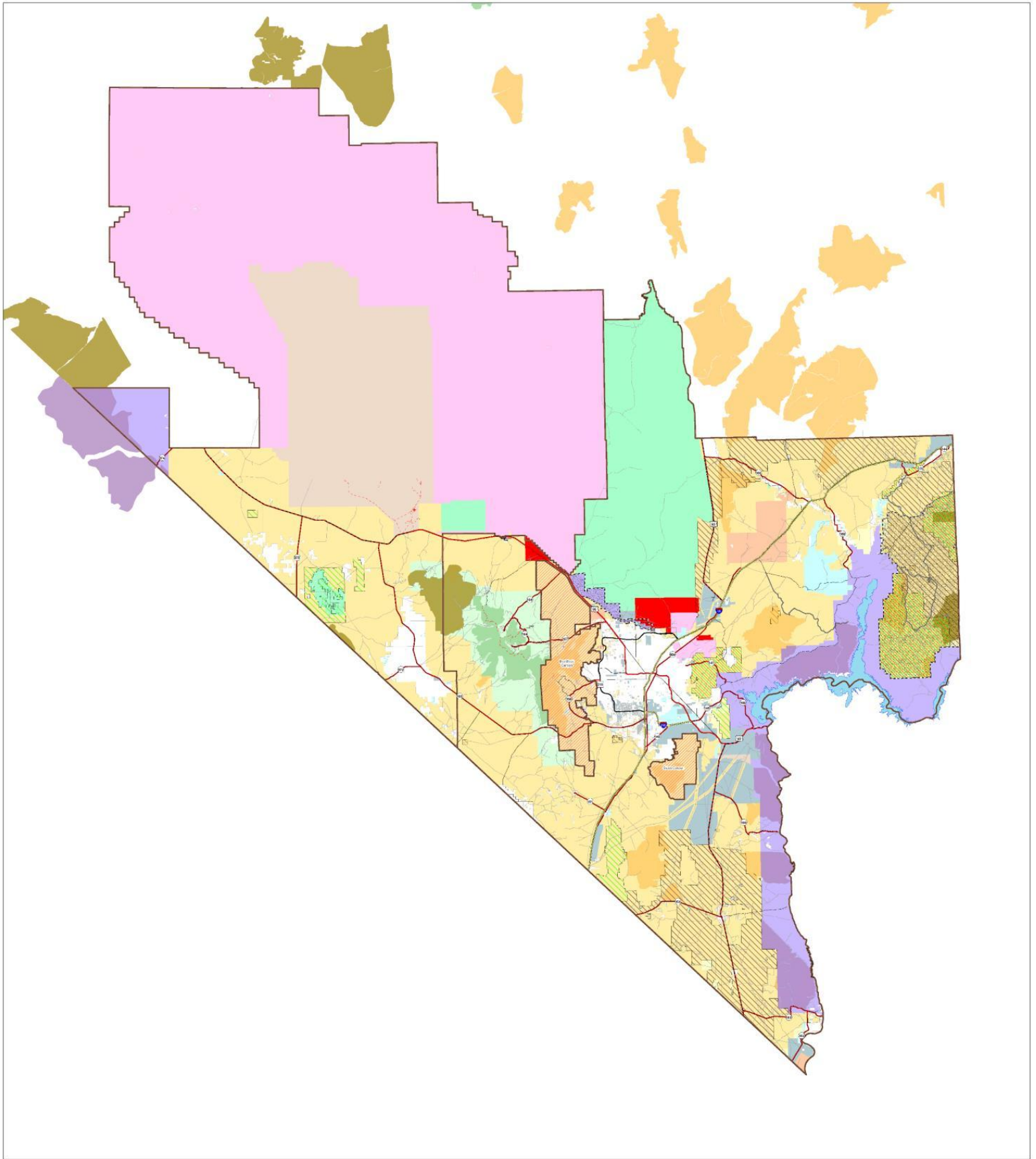


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0 5 10 Miles

Southern Nevada District Office



Legend

SNDO Field Office	ACEC Biological	SNDO Land Status Bureau of Indian Affairs	Fish and Wildlife Service
Lake Mead	Cultural	Bureau of Land Management	Forest Service
SNDO National Conservation Area	Cultural/Biological	Bureau of Reclamation	National Park Service
BLM Wilderness	Desert Tortoise	Department of Defense	Nevada State
Formerly Used Defense Site	Geologic	Department of Energy	Local Government
BLM Wilderness Study Area			Private
Forest Service Wilderness			
National Park Wilderness			

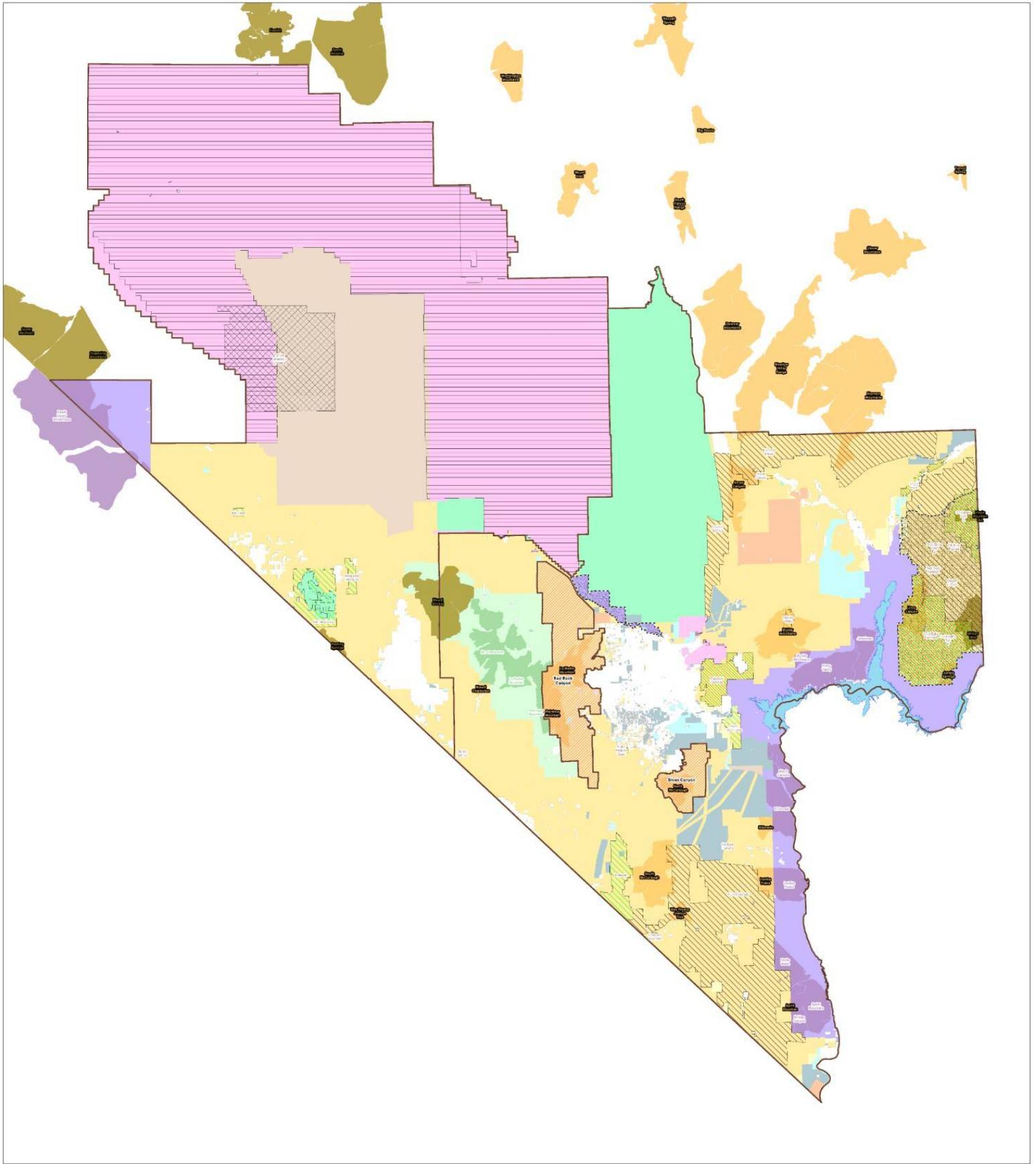


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0 5 10 20 Miles

Southern Nevada District Office



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Legend			
SNGO Field Office	Nellis Test and Training Range (Withdrawal)	SNGO Land Status	Fish and Wildlife Service
Lake Mead	SNGO National Monument	Bureau of Indian Affairs	Forest Service
ACEC	National Conservation Area	Bureau of Land Management	National Park Service
Unknown	BLM Wilderness Study Area	Bureau of Reclamation	Nevada State
Biological	BLM Wilderness Study Area	Department of Defense	Local Government
Cultural	Forest Service Wilderness	Department of Energy	Private
Cultural/Biological	National Park Wilderness		
Desert Tortoise			
Geologic			



Table 1. Required Authorizations for Suppression Activities in Southern Nevada Wilderness.

Suppression Activity	Wilderness Being Affected								
	Arrow Canyon	Eldorado / Iretaba Peaks / Mt. Charleston / Spirit Mountain*	Jumbo Springs / Lime Canyon,	La Madre Mountain / Rainbow Mountain / WSA's (Mount Sterling, Resting Springs, Milton Hills) Virgin Mountain ISA	Meadow Valley Range / Mormon Mountains	Muddy Mountains	North McCullough	South McCullough	Wee Thump Joshua Tree
Motor Vehicles (Terrestrial) ¹	DM ^{1.a}	DM ^{1.b} , AM ^{1.c}	DM	DM, AM ^{1.c}	DM	DM, PSUP	DM	DM	DM
Helicopters ²	DM ^{2.a}	DM ^{2.a} , AM ^{1.c}	DM	DM, AM	DM	READ	DM ^{2.a}	DM ^{2.a}	DM ^{2.a}
Motorized Equipment ³	DM	DM, AM ^{1.c}	DM	DM, AM ^{1.c}	DM	DM	DM	DM	DM
Chainsaws ⁴	READ	DM, PSUP, AM	READ	DM, AM	DM	READ	READ	READ	READ
Helibases and helispots ⁵	DM	DM, PSUP, AM	DM	DM ^{5.a} , AM ¹	DM ^{5.a}	DM, PSUP	DM	DM	DM
Staging areas and fire camps ⁶	DM	DM, PSUP, AM	DM	DM, AM	READ ^{6.a} , DM ^{6.b}	DM, PSUP	DM	DM	DM
Water ⁷	IC	IC	IC	IC	IC	IC	IC	IC	IC
Retardant ⁸	DM	DM, AM	DM	DM, AM	DM	IC	DM	DM	IC

Approvers

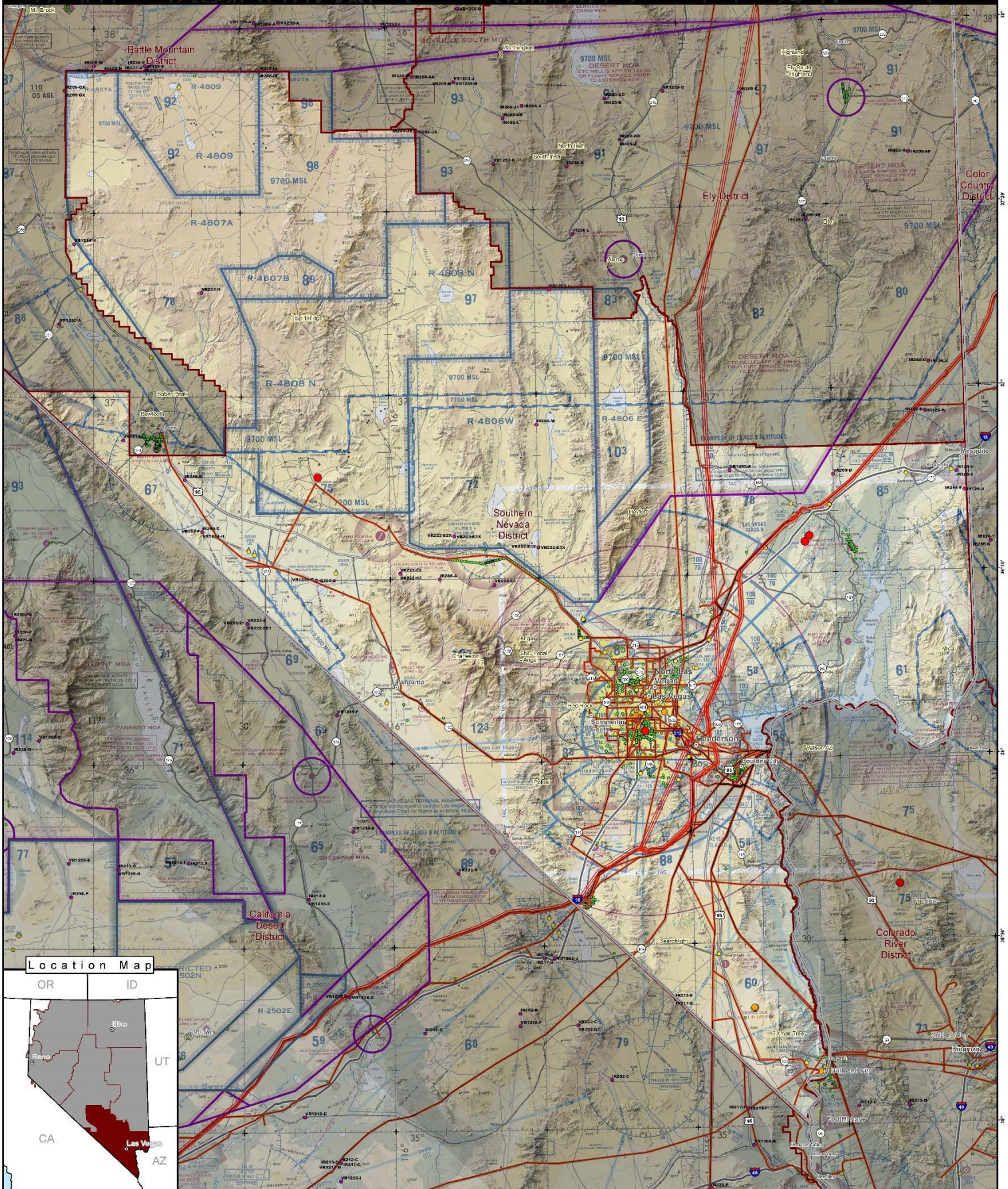
- DM – District Manager (delegated per BLM Nevada IM)
- IC – Incident Commander
- AM – SMNRA Area Manager
- PSUP – National Park Service Superintendent (for fire located in Lake Mead NRA jurisdiction)
- READ – Resource Advisor (should consult with Wilderness Specialist)

References

1. Motor Vehicles – in fire suppression it is specific to terrestrial transportation across land that is powered by a motor, engine, or other non-living power source. Includes rubber-tired (e.g., atv, utv, trucks, etc.) and tracked/heavy equipment (e.g., bobcat, bulldozer, etc.). All motor vehicles should only be used if fire is threatening human life, property, or wilderness characteristics (e.g. desert tortoise)
 - a. Arrow Canyon Wilderness – vehicles would remain on closed vehicle routes unless fire is threatening life, property, or wilderness character.
 - b. Motorized vehicles can be used without additional authorization; however they must remain on cherry roads of preexisting ways. Heavy equipment (bulldozers, etc.) must be approved by DM.
 - c. Mt. Charleston, La Madre, and Rainbow Wilderness - Heavy Equipment and Dozer use must be approved at the Regional Office
2. Helicopters – includes any activity that brings down to the surface of the earth the helicopter or anything attached to or carried by during or after a flight (e.g., dropping or picking up any material, supplies or person by means of helicopter); it does not include overflights. Keep use to a minimum.
 - a. Must utilize existing openings (no additional manual clearing)
3. Motorized Equipment – defined as “any machine that applies force by transferring energy from a motor, engine, or other non-living power source.” Includes power drills, suction dredges, generators, etc.; in fire suppression, chainsaws are considered separately. Prohibited power sources include internal combustion engines, batteries, wind, solar, hydropower, etc. Conventional hand tools (e.g., cross-cut saws, McCleod, Pulaski, etc.) do not require any approvals.
4. Chainsaws – use conservatively.
5. Helibases and Helispots – locate outside of wilderness first.
 - a. Allow minimal clearing of natural vegetation.
6. Staging, areas, fire camps – locate outside of Wilderness first
 - a. Meadow Valley Range / Mormon Mountains – Staging areas and fire camps that only require non-motorized access authorized by READ
 - b. Meadow Valley Range / Mormon Mountains – Staging areas and fire camps requiring motorized access authorized by DM.
7. Use of Water – this is first option and if retardant is not approved.
8. Use of Retardant – considered second.

Aviation Hazards Southern Nevada District

Nevada Fire & Aviation
Bureau of Land Management
U.S. Department of the Interior



Location Map



FAA Vertical Obstructions

- > 1000' AGL
- 501' - 1000' AGL
- 201' - 500' AGL
- < 200' AGL

Airspace Special Use Areas

- ▭ Restricted
- ▭ Military Operating Area
- MTR Turning Point

Transmission Lines

- ▬ DC Transmission Line
- ▬ AC Transmission Line

- ⊙ City/Town
- ⊙ Repeater
- ▭ State Boundary
- ▭ BLM District Boundary

- ▬ Interstate Hwy
- ▬ US Route
- ▬ State Route

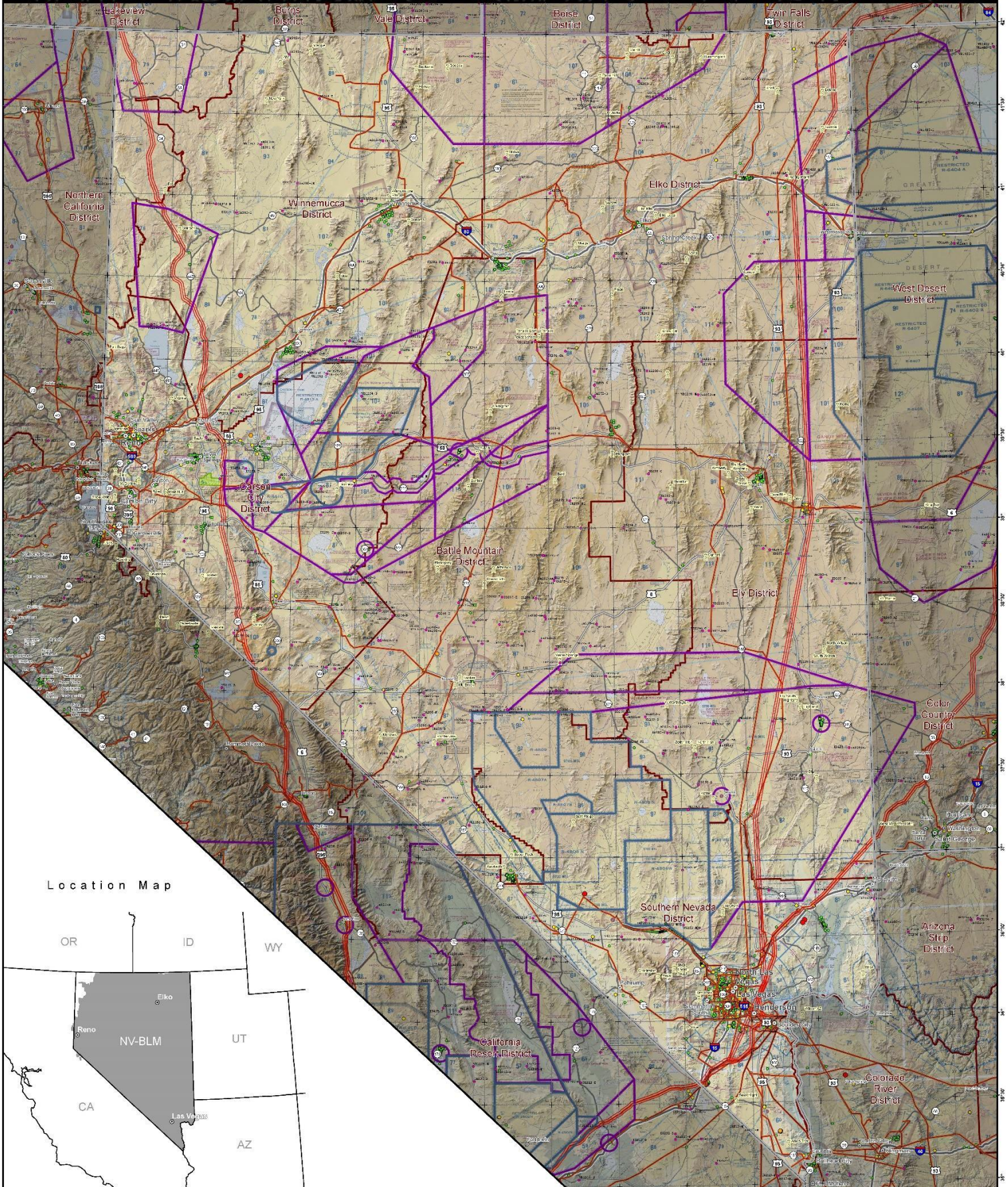
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1 in = 5 nautical miles

Aviation Hazards Nevada

Nevada Fire & Aviation
Bureau of Land Management
U.S. Department of the Interior



Location Map



Date: 2020-05-12

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FAA Vertical Obstructions

- > 1000' AGL
- 501' - 1000' AGL
- 201' - 500' AGL
- < 200' AGL

Airspace Special Use Areas

- ▭ Restricted
- ▭ Military Operating Area
- ▭ Lyon City UAV Land Use Permit
- MTR Turning Point

Transmission Lines

- ▭ DC Transmission Line
- ▭ AC Transmission Line

- ▭ Interstate Hwy
- ▭ US Route
- ▭ State Route

- ▭ BLM District Boundary
- ▭ State Boundary
- ▭ Repeater



1 in = 11 nautical miles

Southern Nevada Tools

- ✓ Radio Frequency Guide
- ✓ Resource Management Guide
- ✓ Incident Organizer
- ✓ Interagency Phone List
- ✓ Medical Plan
- ✓ Southern Nevada Interagency Briefing Guide



<http://lvinteragency.org/publications.shtml>

Southern Nevada Electronic Fire Report





https://docs.google.com/a/blm.gov/forms/d/e/1FAIpQLSdoqdz9WoWeT9bUT6K5L5S3tSEA_FKT6L-zB05ysMh_MwoJ-A/viewform

2021 Geo Referenced PDF Maps

GEOSPATIAL PDF MAPS AVAILABLE FOR USE IN AVENZA MAPS

Below is a menu of maps that are available for use in Avenza Maps
and may also be downloaded from Google Drive as a pdf















ADDING A MAP TO AVENZA MAPS USING AN IPHONE/IPAD:










- 1.) Be sure to have Avenza Maps installed on device
- 2.) Scan QR code using Avenza Maps' QR reader
- 3.) Tap  then 
- 4.) Your map(s) will now download and process
- 5.) Do not close Avenza or turn off screen while processing
- 6.) Turn folder into a Map Collection (if applicable)
[click for instructions](#)

D O W N L O A D T H E A V E N Z A M A P S A P P H E R E



Southern Nevada BLM Maps

V-BLM 1:100K Quads Reference Nevada	Fire & Aviation Atlas Nevada
	
Surface Management Agency (landowner)	Fire Facilities/Resources & Repeaters Nevada
	
Medical Plan Spatial Data Nevada	State Repeater Map Nevada
	
Southern Nevada Frequency Map	Great Basin Aviation Frequency Map
	
Nevada Aviation Hazard Map	Southern Nevada Aviation Hazard Map
	
LVICC Dispatch Wall Map	Clark County Wetland Park Map
	
Southern Nevada Boundry Map	Southern Nevada Cultural Map
	

Southern Nevada Land Status Map	Southern Nevada Riparian Map
	
Southern Nevada Wildlife Habitat Map	Southern Nevada FUDS (Formaly Used Defense Sites)
	
LVICC Wall Response Map	Cold Creek Shooting Hazard Area
	
Frozen Toe Shooting Hazard Area	Mule Springs Shooting Hazard Area
	
Sloan Shooting Hazard Area	
	

Humboldt/Toiyabe NF QR Codes



Humboldt Jarbidge - Mountain City.jpg



Humboldt Santa Rosa.jpg



Humboldt Toiyabe NF Spring Mountain Recreation



Humboldt-Toiyabe NF Austin RD West Half.jpg



Humboldt-Toiyabe NF Austin RD East Half.jpg



Humboldt-Toiyabe NF Bridgeport RD Back.jpg



Humboldt-Toiyabe NF Bridgeport RD Frontside.jpg



Humboldt-Toiyabe NF Ely RD NE Quarter.jpg



Humboldt-Toiyabe NF Ely RD NW Quarter.jpg



Humboldt-Toiyabe NF Ely RD SE Quarter.jpg



Humboldt-Toiyabe NF Ely RD SW Quarter.jpg



Humboldt-Toiyabe NF Tonopah RD East Half.jpg



Humboldt-Toiyabe NF Tonopah RD West Half.jpg



Humboldt-Toiyabe NF Ruby Mtn RD.jpg



Humboldt-Toiyabe NF Spring Mountain National Recreation Area

Southern Nevada Off District Resource Dispatch Check-in Form



<http://lvinteragency.org/visinfo.shtml>