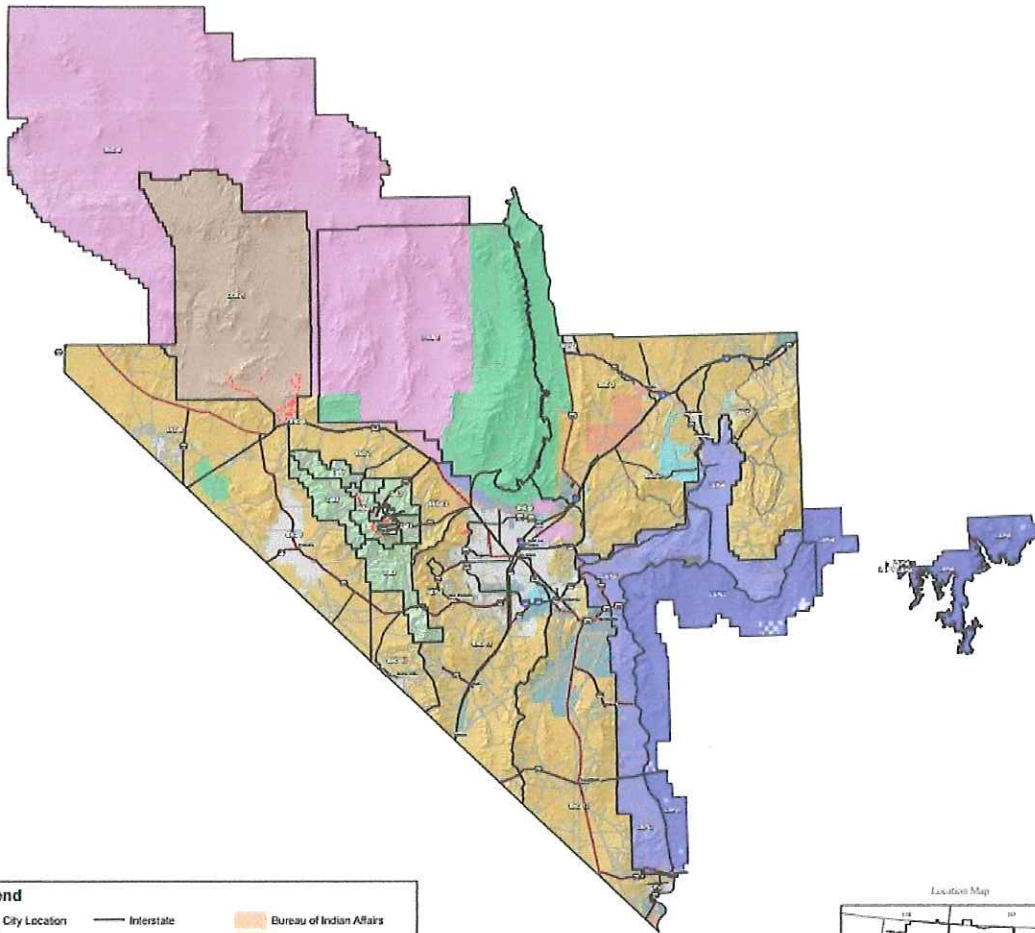


Southern Nevada Interagency 2020 Briefing Guide



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, 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 Department, Pahrump Fire and Rescue, Nye County Emergency Management, Boulder City Fire Department, and DOE Nevada National Security Site Fire Department, and USAF Creech Air Force Base Fire Department. All of 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.

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, 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 by an

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.

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 2020 *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#.



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
- 7 Type 2 Crews w/ Supervision
- 2 Kitchen Unit to feed up to 500 people on a surge
- 3 Type 2 Helicopters (located at Minden Airport)
- Overhead
 - o Fire Management Officer
 - o Resource Management Officer (READ)
 - o Mechanics (Three Lake & Pioche)
 - 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 preseason 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 re-routed 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	Geoff Wallin	702-515-5135	702-250-3955	CH5900
BLM AFMO	Tyler Hecht	702-515-5121	702-715-6224	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	Randy Johnson	775-726-8101	775-296-0814	
BLM Fire Business	Amada Soto Miller	702-515-5106	702-250-4940	
BLM Safety	Charlie Carmichael	702-515-5192	425-274-6215	
USFS FMO	Marty Woods		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
	Doug Clark Detailed (June 21- Sept 19)		775 230-5601	
USFS FUELS AFMO	Josh Thalacker	702-515-5441	725 216-0179	BC-53
USFS Fuels Tech	Detailer pending		702-728-0547	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	702-293-8834	702-378-4136	DV7302
NPS FPMA	Jennifer Fisher	702-293-8830	702-219-8324	
FWS FMO	Ross Wise	702-515-5465	702-556-9695	8200
FWS AFMO	Todd Bates	702-515-5258	702-755-2831	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	Zach Ellinger	702-515-5107	702-239-1927
Patrol Tech 751	Rick Maloy		702-371-5025
Patrol Tech 753	Ray Johnson		702-498-1630
Prevention 754	Nolan Mangham		702-728-0547
Vegas Valley Hand Crew			
Superintendent	Eric Ellison	702-515-5183	702-274-9474
Assistant Supt.	Jason Lanier	702-5218	775-781-7087
Squad Leader	Eric Naumetz	702-515-5217	(805) 551-0221
Squad Leader	Juan Islas	702-515-5217	702-340-1539
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	
Squad Leader	Calum Murray	702-515-5322	702-274-6391
Lead Firefighter	Ray Davalos	702-515-5322	760-445-8150
Lead Firefighter	Vacant	702-515-5322	775-934-2946

Pahrump Station (BLM Engine 5341)			
Captain	Rogilio Galaviz	541-777-0998	775-751-7630
Operator	Vacant		775-751-7630
Red Rock Station (BLM Engine 5343)			
Captain	Truett Anderson	702-515-5212	702-672-2005
Operator	Aaron Reynolds	702-515-5212	760-889-5258
Red Rock Station (BLM Engine 5645)			
Captain	Brian Holmes	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	Brandon Hansen		702-715-7915
Operator	Kenny Freund		702-460-5780
Logandale Station (BLM Engine 4441)			
Captain	Alexander Fonseca		702-219-8074
Operator			
Cold Creek Station (Engine E451)			
Captain	Sean Whalen		702-370-8798
Operator	Colin Gundle		702-308-9039
Kyle Station (FS Engine E452)			
Captain	Shawn Krajewski		702-279-7599
Operator	Jerry Hart		702-286-7282
Kyle Station (FS Engine E453)			
Captain	Justin Bedard		702-540-9789
Operator	Rye Hall		608-469-5039
Mountain Springs Station (FS Engine E454)			
Captain	Josh Thalacker	702-875-4596	702-525-2188
Operator	Matt Hansvick	702-875-4596	702-433-7489

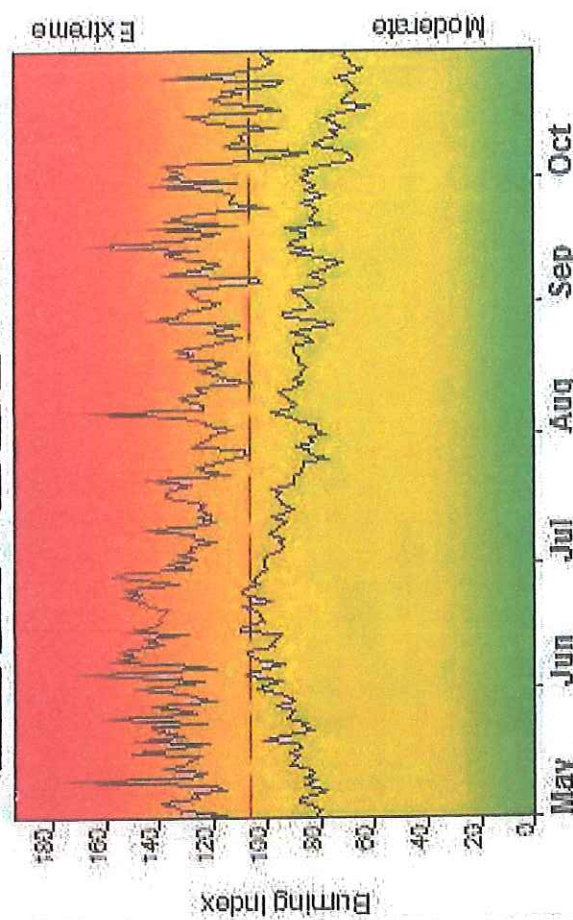
Boulder City Station (NPS Engine 7331)			
Captain	Colin Gundle	702-293-8836	702-378-7674
Operator	Vacant		
Lead Firefighter	Vacant		
Boulder City Station (Super Six Module 7361)			
Module Leader	Vacant		
Asst Module Leader	Vacant		
Squad Leader	Michael Matlock	702-293-8828	702-994-6109
Lead Firefighter			
Corn Creek Station (FWS Engine 8263)			
Captain	Brain German (Acting)	702-515-5494	702-449-2736
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

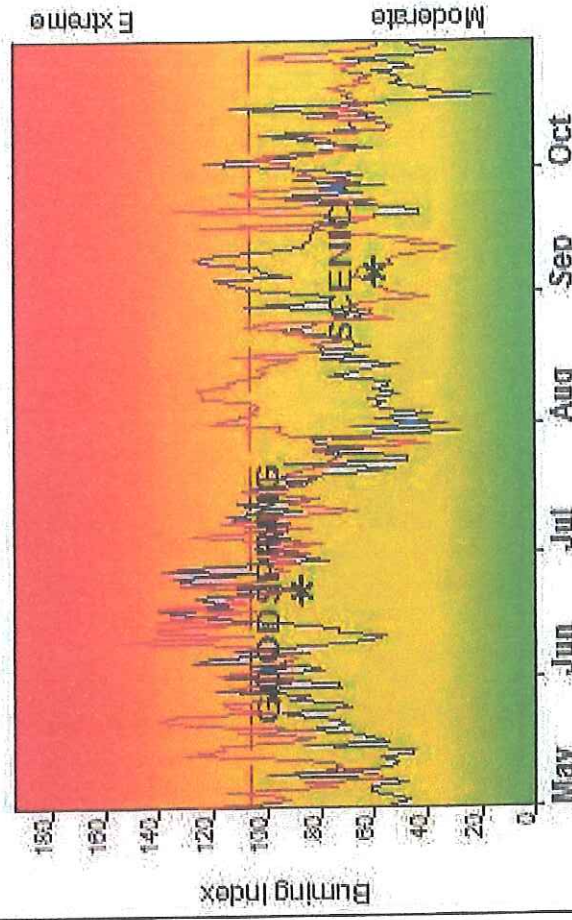
Las Vegas Interagency Dispatch	702-515-5300	Color Country Dispatch	435-865-4600
Central NV Dispatch	775-623-1555	Lake Mead Dispatch	702-293-8998
San Bernardino Dispatch	909-383-5652	Ely Dispatch	775-289-1925

FIRE DANGER – DESERT

Maximum, Average, and 30th Percentile, based on 18 years data



Years to Remember: 2005 2013



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

Fire Danger Area:

- ◆ Desert FDRA
- ◆ RWZ 462, 466, 468
- ◆ 020105 251404-408-706
- ◆ Meets NWCG WX Station Standards

Fire Danger Interpretation:

- EXTREME – Use extreme caution
- 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)

30th Percentile – 20% of the 3310 days from 2001 - 2018 had an Burning Index above 105

Local Thresholds - Watch out: Combinations

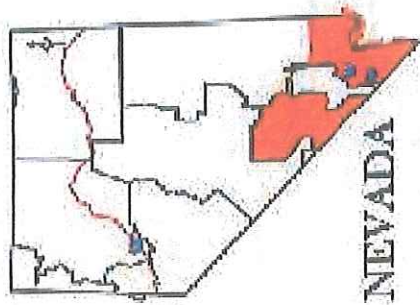
- of any of these factors can greatly increase fire behavior:
- 20' Wind Speed over 13 mph, RH less than 10%, Temperature over 90, Energy Release Component over 102

Remember what Fire Danger tells you:

- ✓ Burning Index gives day-to-day fluctuations calculated from 2 pm temperature, humidity, wind, daily temperature & 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 fire 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.



NEVADA

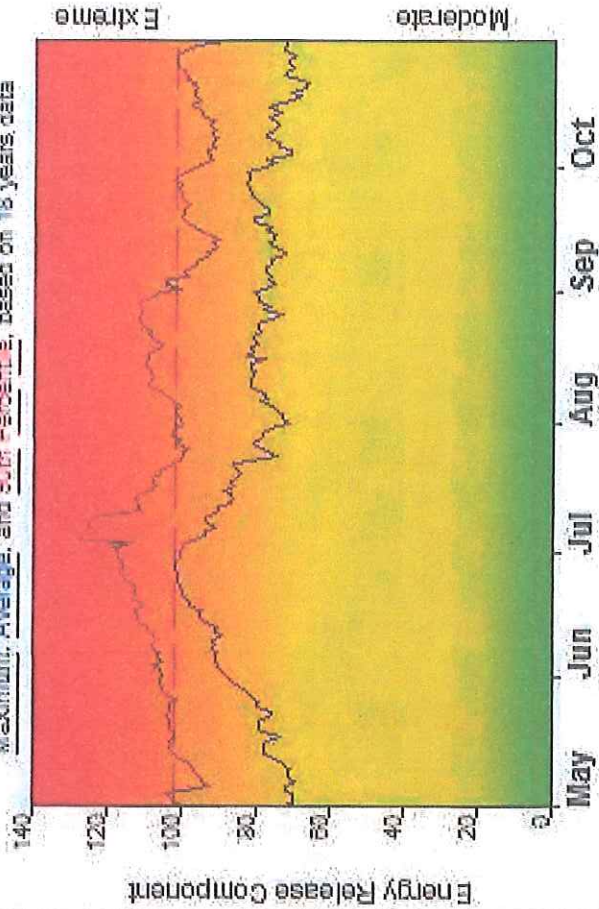
Responsible Agency: ELM

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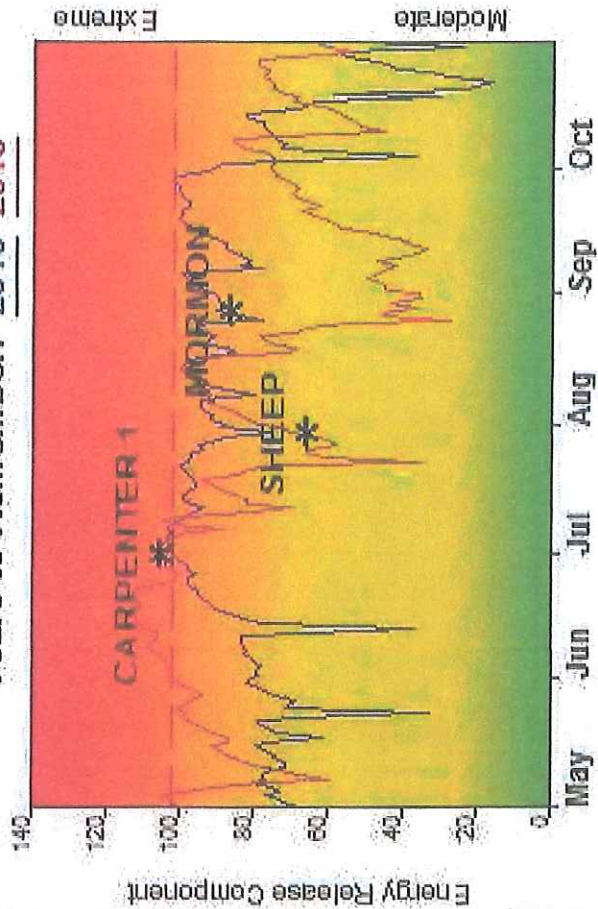
Design by NWCG Fire-Danger Working Team

FIRE DANGER – MOUNTAIN

Maximum, Average, and 50th Percentile, based on 18 years data



Years to Remember: 2010 2013



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

Fire Danger Area:

- Mountain FDRA
- FMZ 483, 484
- 261702, 261706
- 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)
 50th 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 88

Remember what Fire Danger tells you:

- Energy Release Component gives seasonal trends calculated from 2 pm temperature, humidity, daily temperature & 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.

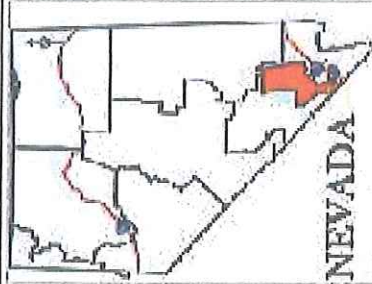
Past Experience:

- 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 affect 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

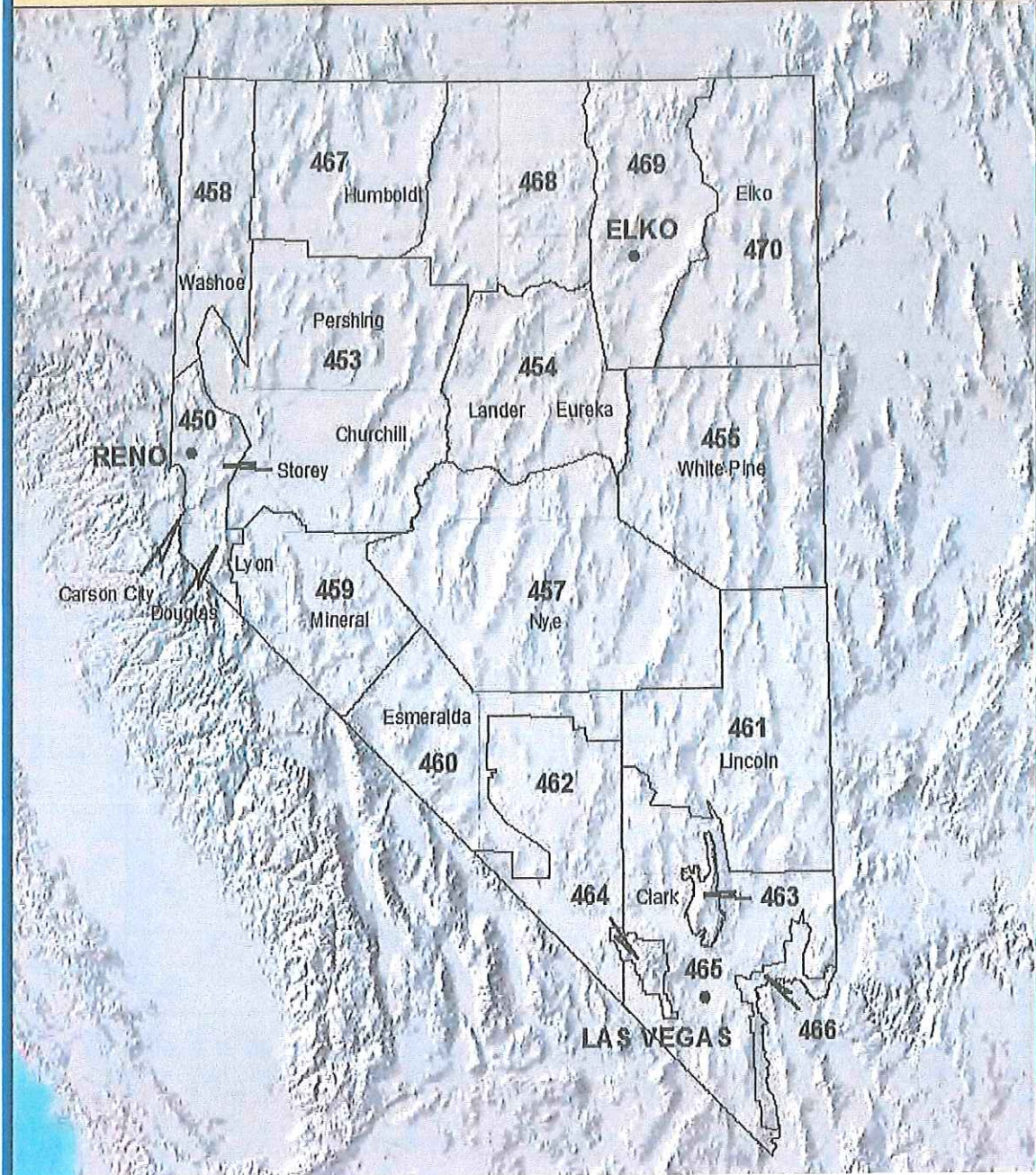
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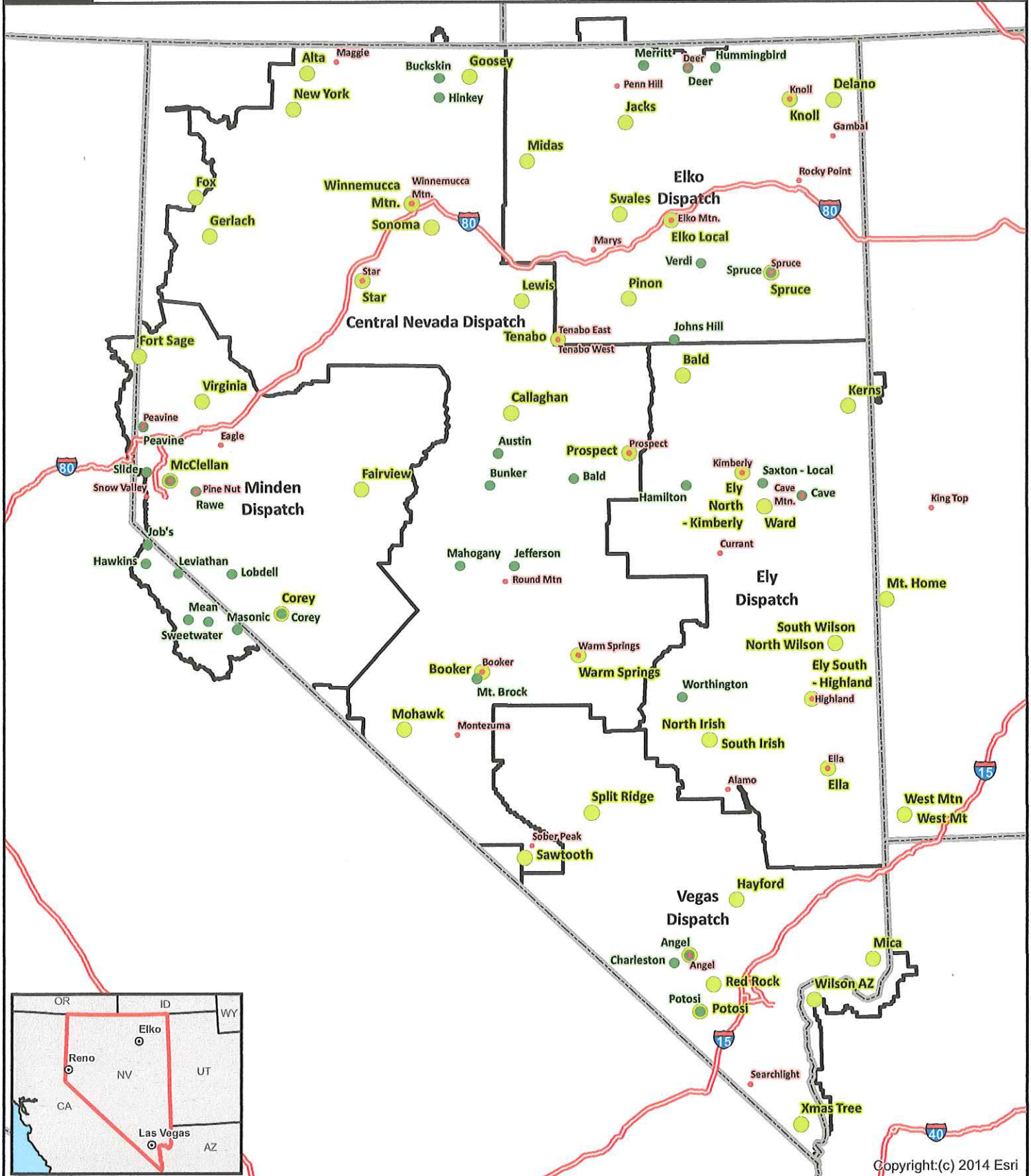
Design by NWCG Fire Danger Working Team



NEVADA

FIRE WEATHER ZONE BOUNDARIES





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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

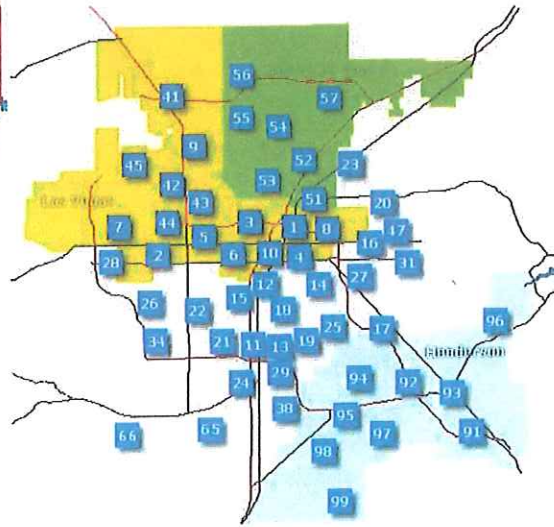
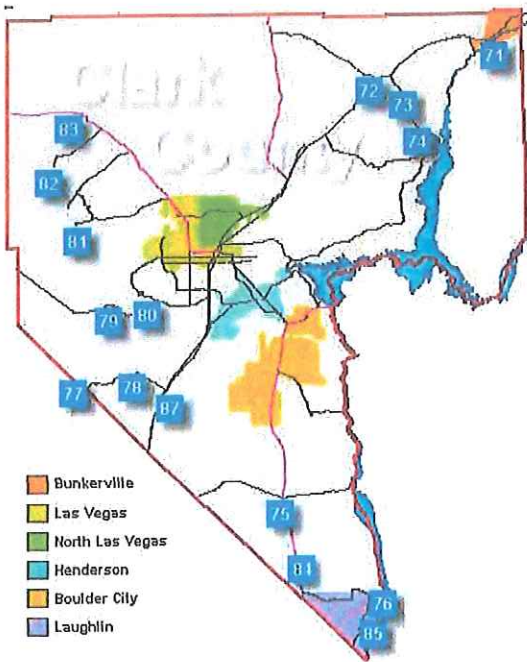


CCFD Rural Volunteer Stations

- | | |
|---------------------------|-----------------------------|
| Station 72 (Moapa) | Station 80 (Blue Diamond) |
| Station 73 (Logandale) | Station 81 (Mt. Charleston) |
| Station 74 (Overton) | Station 82 (Cold Creek) |
| Station 75 (Searchlight) | Station 83 (Indian Springs) |
| Station 77 (Sandy Valley) | Station 84 (Cal-Nev-Ari) |
| Station 78 (Goodsprings) | |

Station 71 (Bunkerville)

Station 79 (Mountain Springs)



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, casuals, 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, the required action is to immediately refer and transport the employee to a regional burn center.

Incident Response Procedure:

1. If a medical emergency occurs, establish an incident commander for the medical incident and utilize pages 1 -1 , Medical Incident Report, in your I P to communicate with L ICC.
2. If cell service is available have on sight personnel contact 11 directly.
3. Inform L ICC of any working cell or satellite phone numbers.
4. L ICC will begin medical emergency procedures and notifications as directed
5. L ICC 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 L ICC 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	■	RED / PRIORITY 1 Life or limb threatening injury or illness Evacuation need is IMMEDIATE Ex: Unconscious, difficulty breathing, bleeding severely, 2"-3" burns more than 4 palm sizes, heat stroke, disoriented.					
	■	YELLOW / PRIORITY 2 Serious injury or illness Evacuation may be DELAYED if necessary Ex: Significant trauma, unable to walk, 2"-3" burns not more than 1-3 palm sizes.					
	■	GREEN / PRIORITY 3 Minor injury or illness Non-emergency transport Ex: Sprains, strains, minor heat-related illness					
Nature of Injury or Illness & Mechanism of Injury							Brief Summary of Injury or Illness (Ex: Unconscious, Struck by Falling Tree)
Transport Request							Air Ambulance / Short Haul/Hoist / Ground Ambulance / Other
Patient Location							Descriptive Location & Lat/Long (WGS 84)
Incident Name							Geographic Name + "Medical" (Ex: Trout Meadow Medical)
On-Scene Incident Commander							Name of on-scene IC of incident within an Incident (Ex:TFLD Jones)
Patient Care							Name of Care Provider (Ex: EMT Smith)
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) (Alert Verbal Painful Unresponsive)
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:					
Hellspot / 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 Decisively					

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 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	0L4	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	0L9	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° 28' 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
	Western 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	Eastern Nevada / Utah	Several Locations	801-587-0600

Law Enforcement Resources

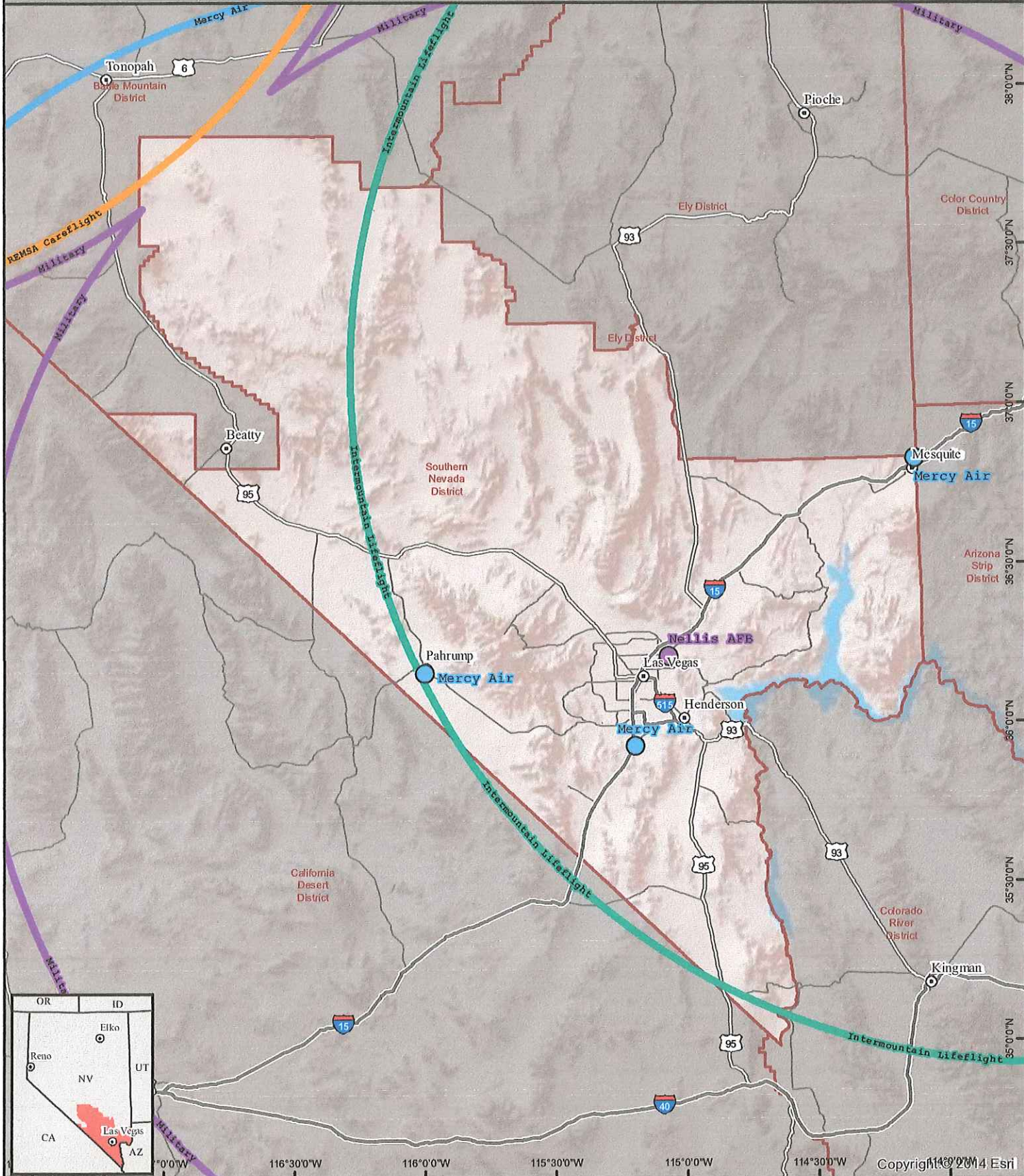
NEVADA HIGHWAY PATROL: 775-687-5300	
Las Vegas (Southern Command) 702-486-4100	
Alamo	775-725-3325
Beatty	775-553-9358
Indian Springs	702-879-3025
Jean	702-874-1284
Laughlin	702-298-7455
Moapa	702-864-2323
Pahrump	775-727-7090

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

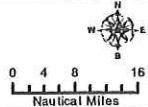
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Radio Frequencies:
NEVCORD 1 - 155.3400
NEVCORD 2 - 155.3475

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

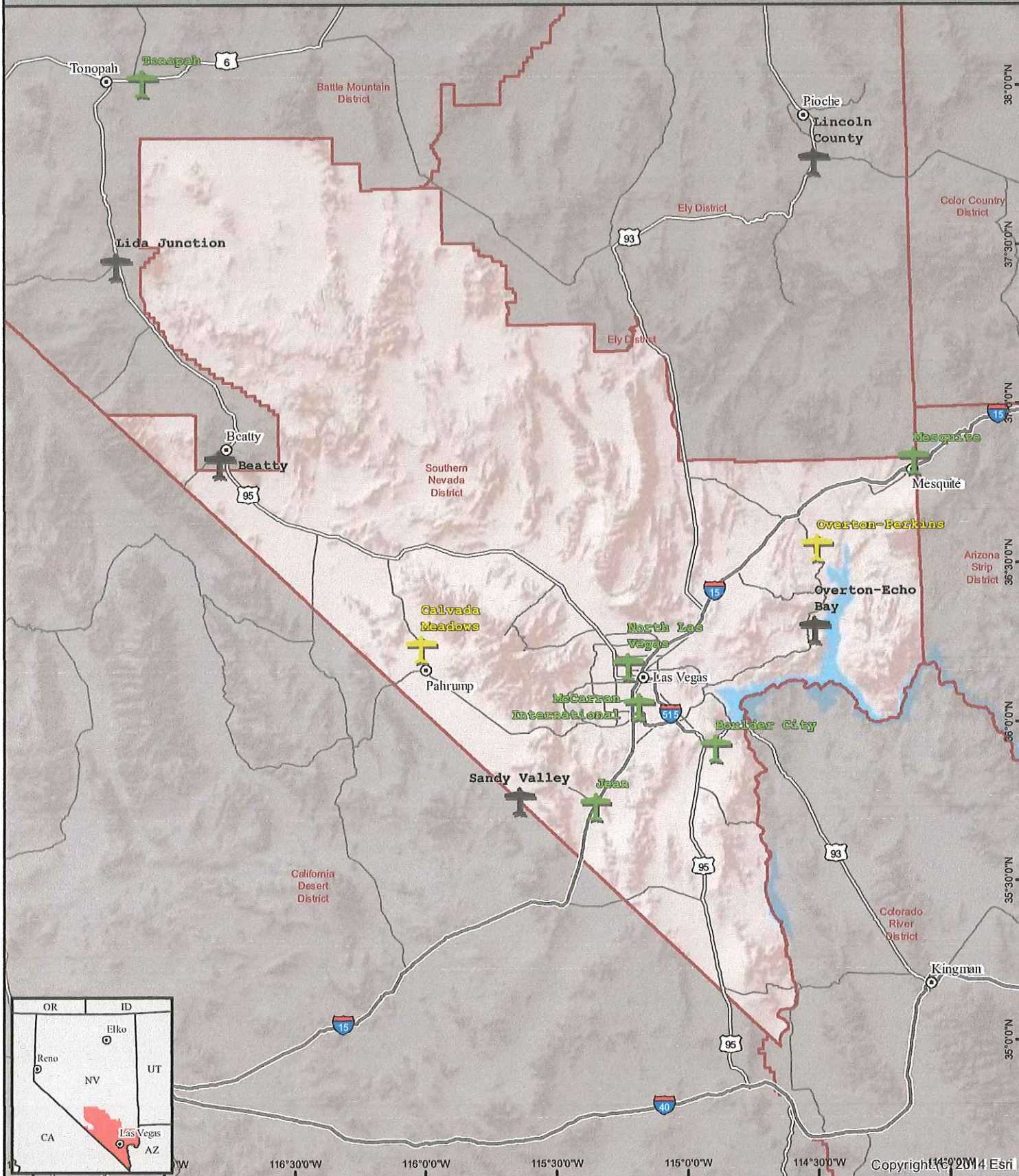


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Nevada Airports & Fuel Availability

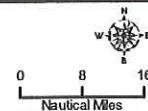
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Date: 2020-05-06
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100LL & Jet A Fuel 100LL Only No Fuel

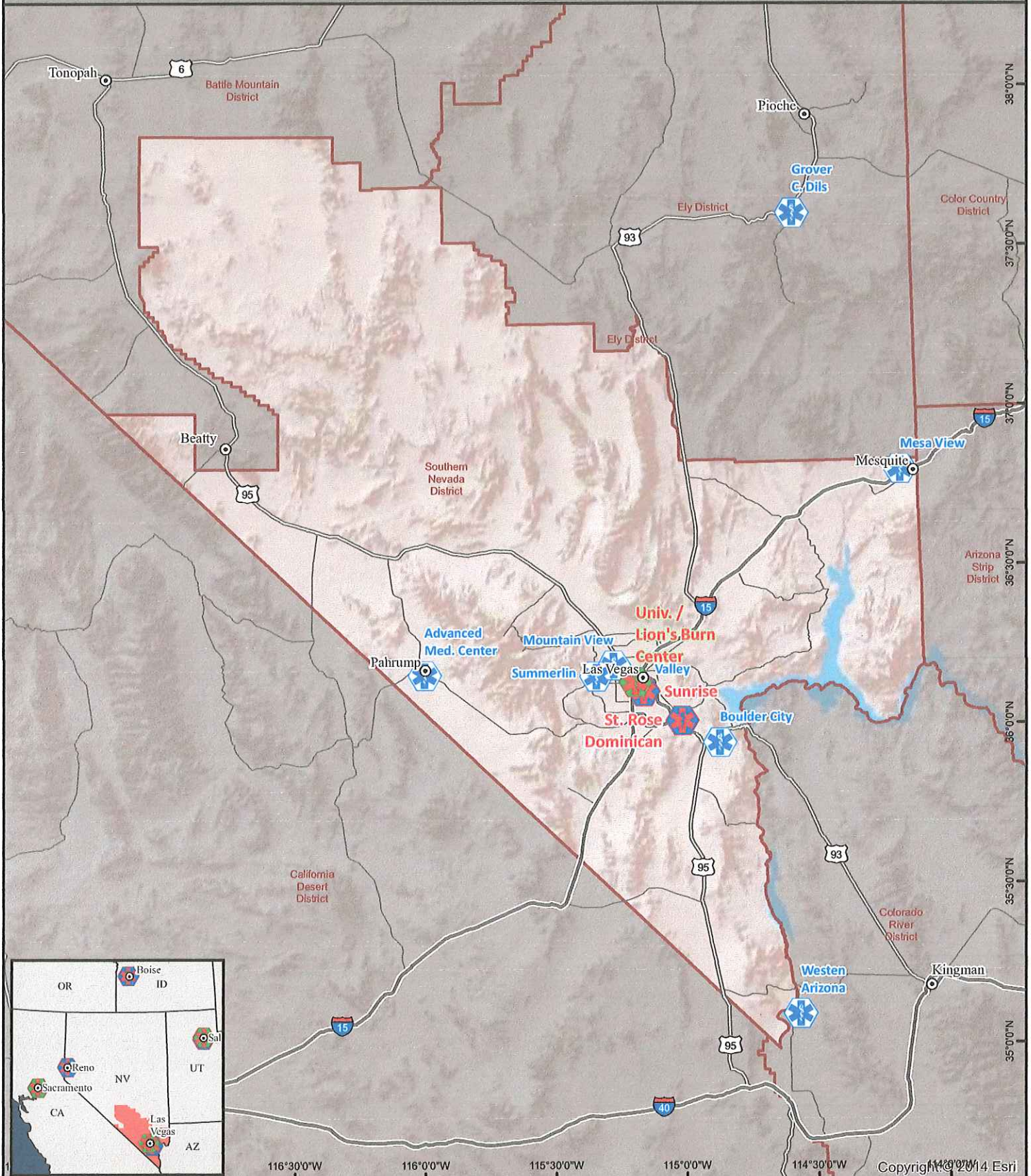


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Regional Medical/Trauma/Burn Centers

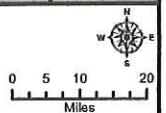
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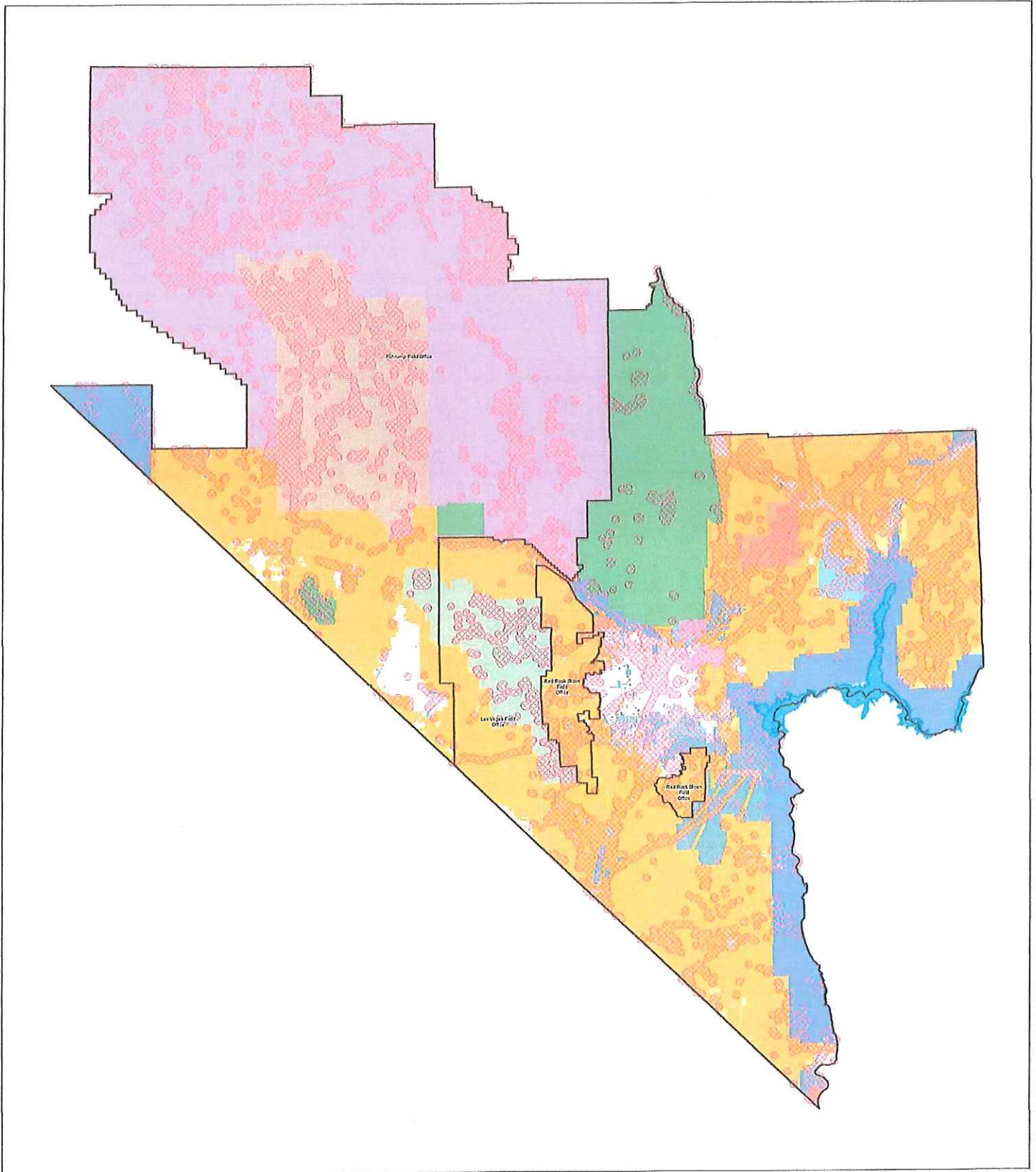


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 Medical/Trauma/Burn
  Medical/Trauma
  Medical



Southern Nevada District Office



Legend

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

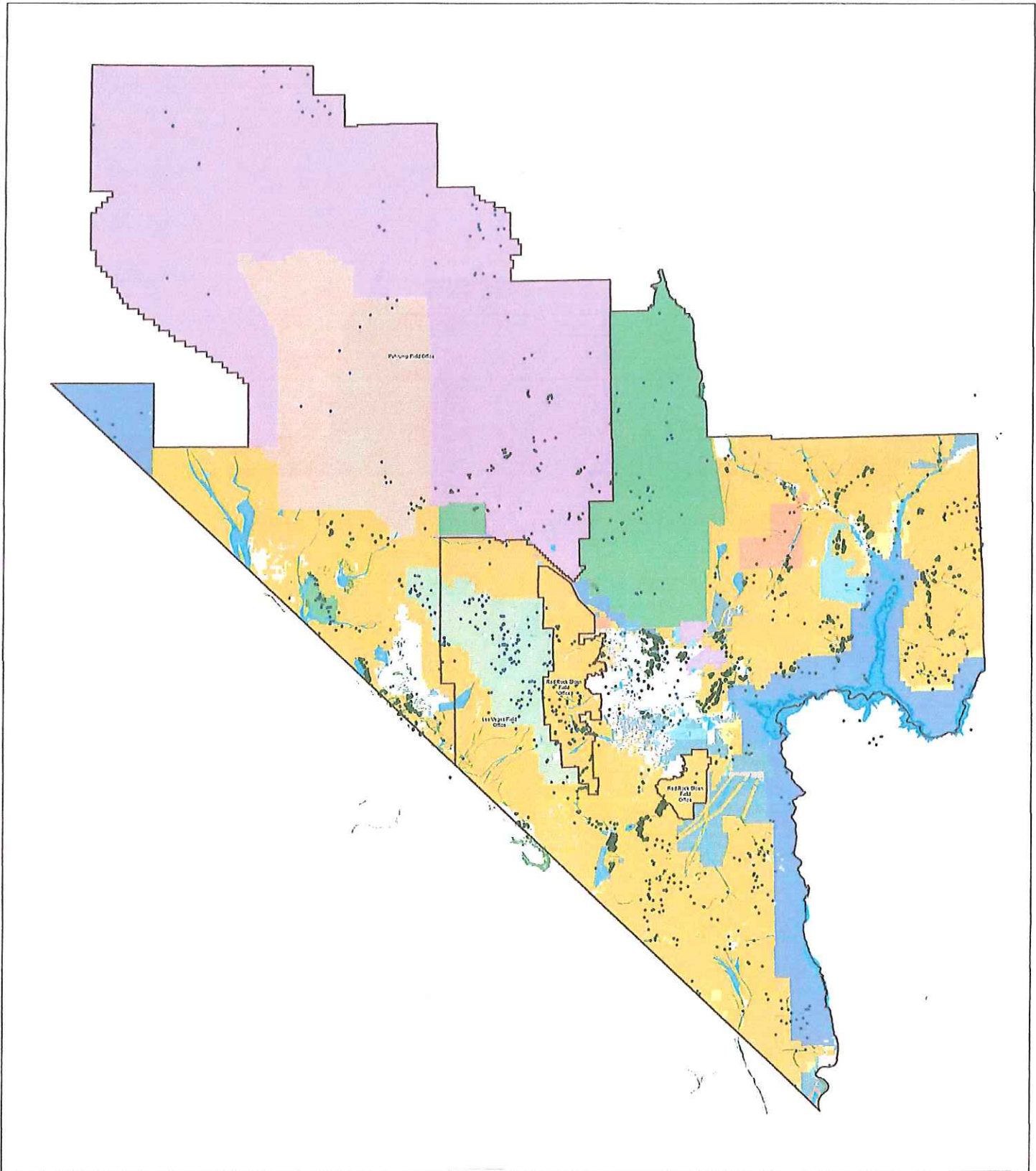


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BUREAU OF LAND MANAGEMENT
1996

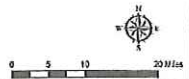


0 5 10 20 Miles

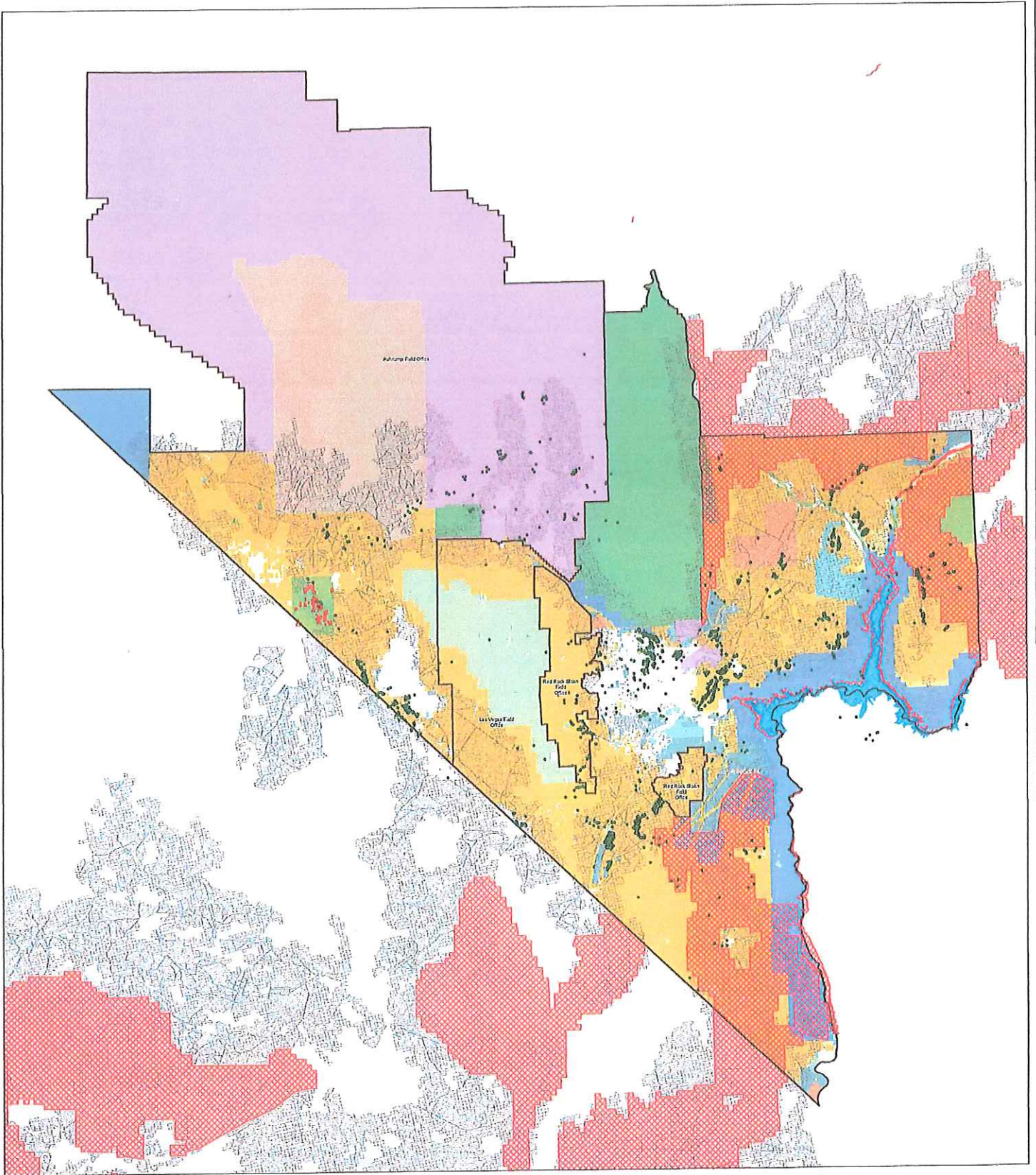
Southern Nevada District Office



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



Southern Nevada District Office



Legend

• BLM Sensitive Plant	SHDO Land Status	Fish and Wildlife Service
◻ SHDO Field Office	Bureau of Indian Affairs	Forest Service
◻ Lake Head	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
◻ SHDO Special Status Species	Department of Energy	Private

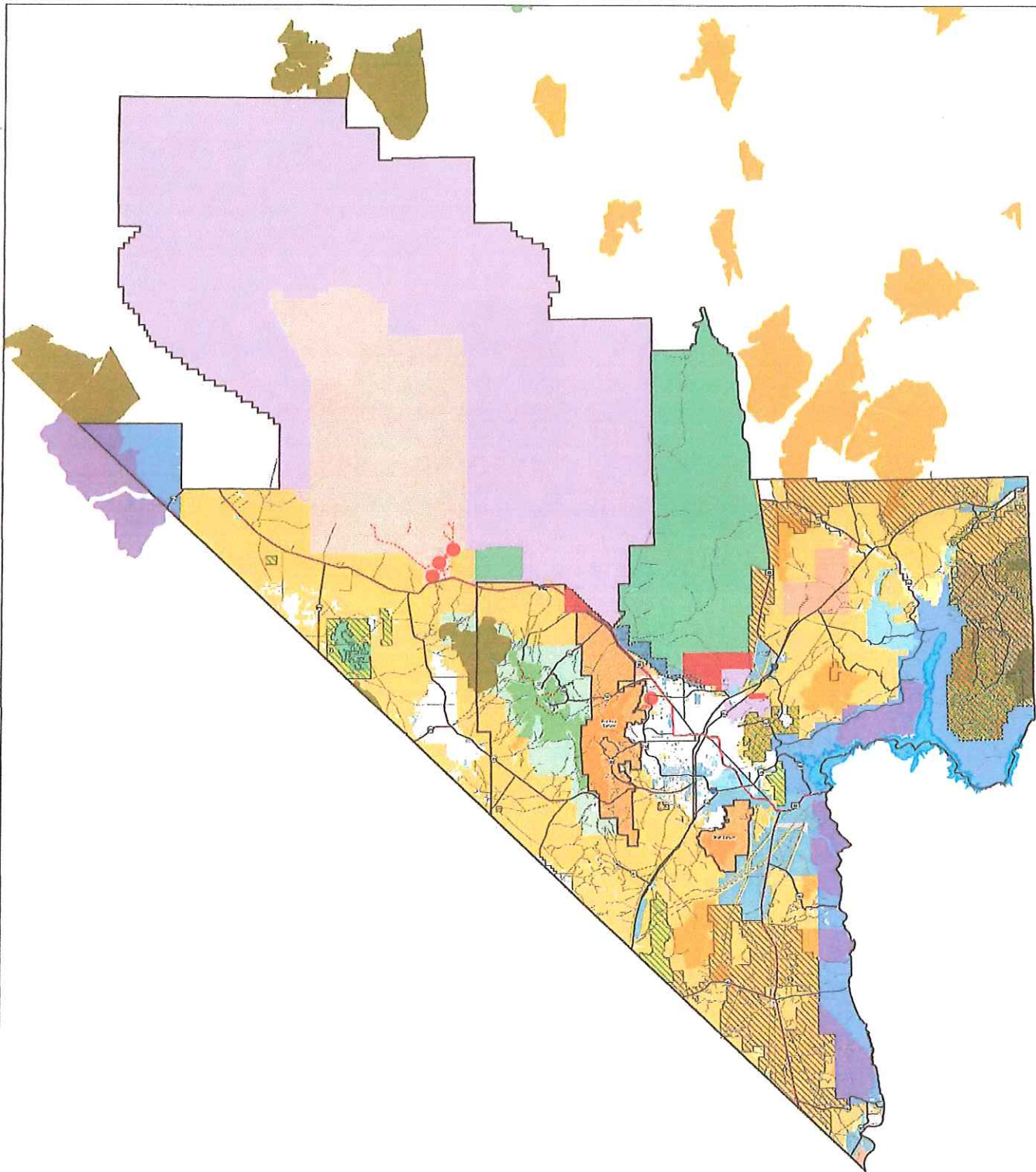


Department of the Interior
Bureau of Land Management
441 North Central Expressway, Suite 100
Reno, Nevada 89503
www.blm.gov



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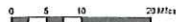
Southern Nevada District Office



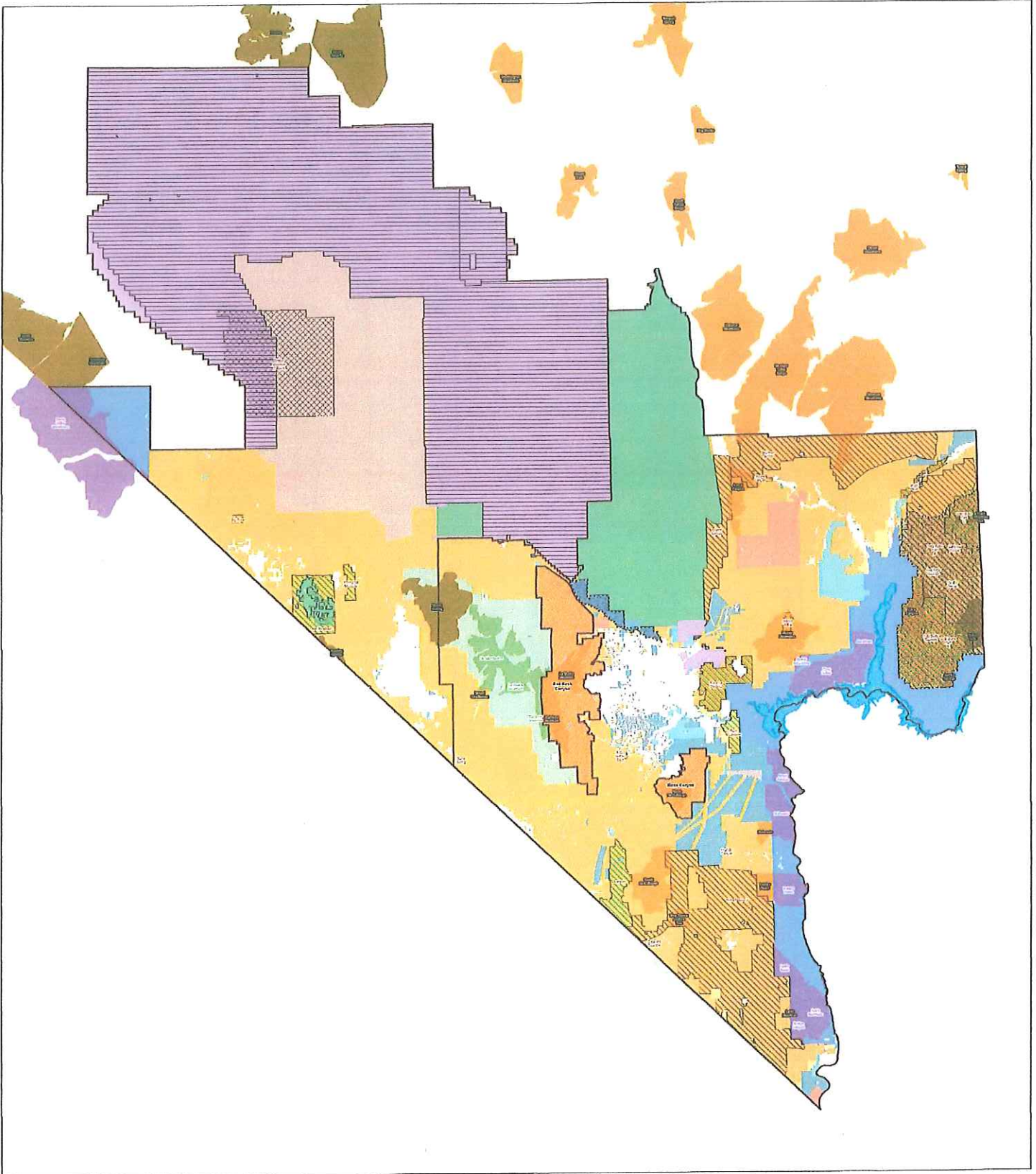
Legend			
	SNDO Field Office		Biological
	Lake Mead		Cultural
	SNDO National Monument		Cultural/Biological
	SNDO National Conservation Area		Disturbance
	ELM Wilderness		Geologic
	Formerly Used Defense Site		Department of Energy
	ELM Wilderness Study Area		Department of Defense
	Forest Service Wilderness		Fish and Wildlife Service
	National Park Wilderness		Forest Service
			Director of Public Affairs
			Bureau of Land Management
			Bureau of Reclamation
			National Park Service
			Nevada State
			Local Government
			Private



For more information, contact the Southern Nevada District Office at 2215 E. Flamingo Avenue, Las Vegas, NV 89119. Phone: 702/733-1000. Fax: 702/733-1001. Website: www.blm.gov



Southern Nevada District Office



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

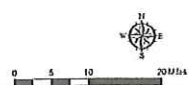


Table 1. Required Authorizations for Suppression Activities in Southern Nevada Wilderness.

Suppression Activity	Wilderness Being Affected								
	Arrow Canyon	Eldorado / 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 ^{2,c}	DM	DM, AM ^{2,c}	DM	DM, PSUP	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 ⁵	DM ^{5,a}	DM, PSUP	DM	DM	DM
Staging areas and fire camps ⁶	DM	DM, PSUP, AM	DM	DM, AM	DM, PSUP, DM ^{6,a}	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 – S/MNRA Area Manager

PSUP – National Park Service Superintendent (for fire located in Lake Mead NRA jurisdiction)

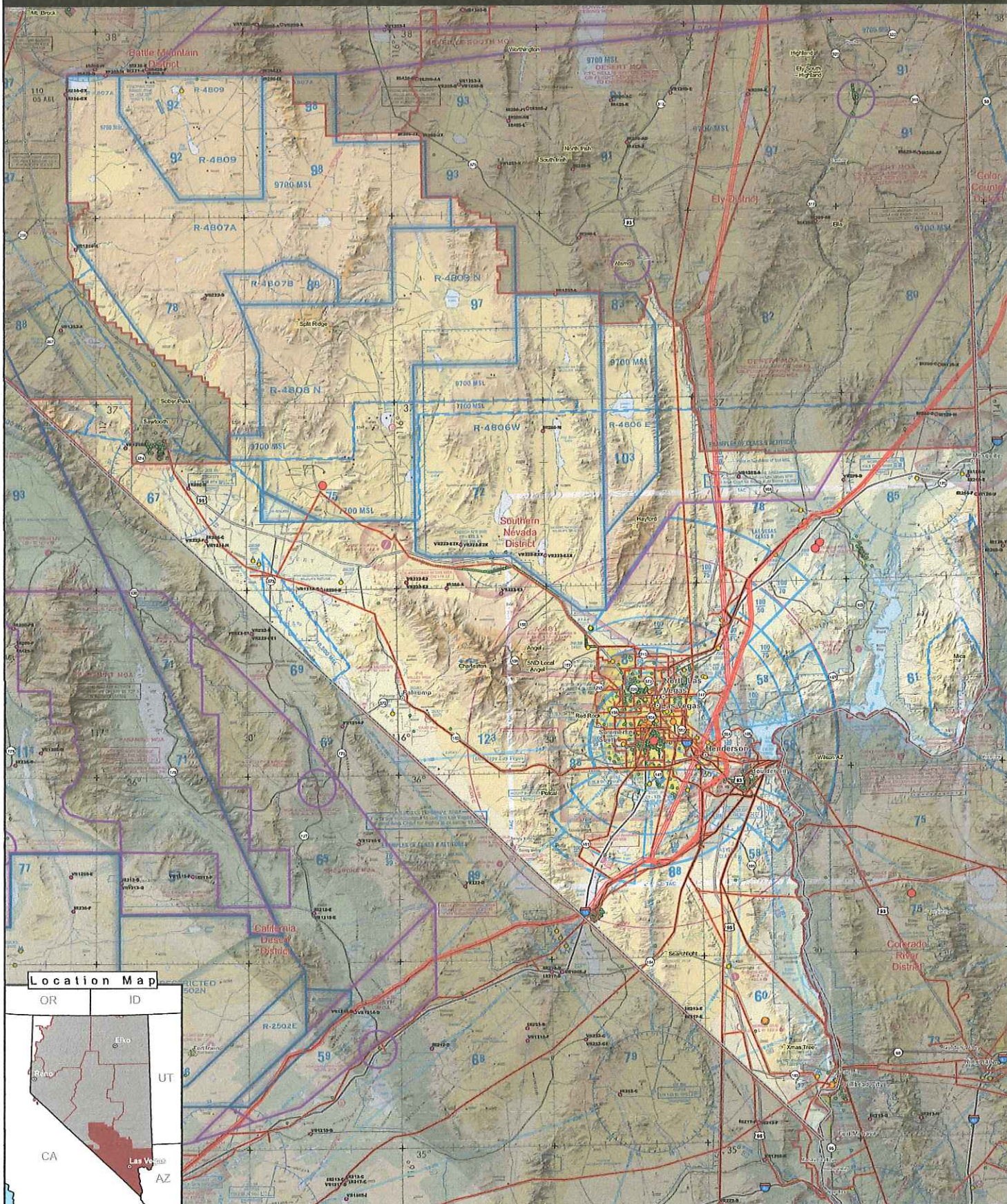
READ – Resource Advisor (should consult with Wilderness Specialist)

References

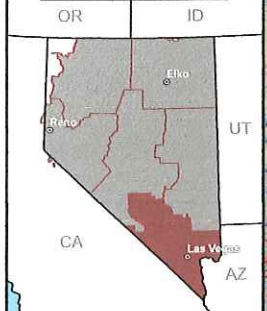
1. Motor Vehicles – in fire suppression it is specific to terrestrial transportation across land that is powered by a motor, engine, or other non-living power source. Includes rubber-tired (e.g., atv, truck, etc.) and tracked/heavy equipment (e.g., bobcat, bulldozer, etc.). All motor vehicles should 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-stem 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



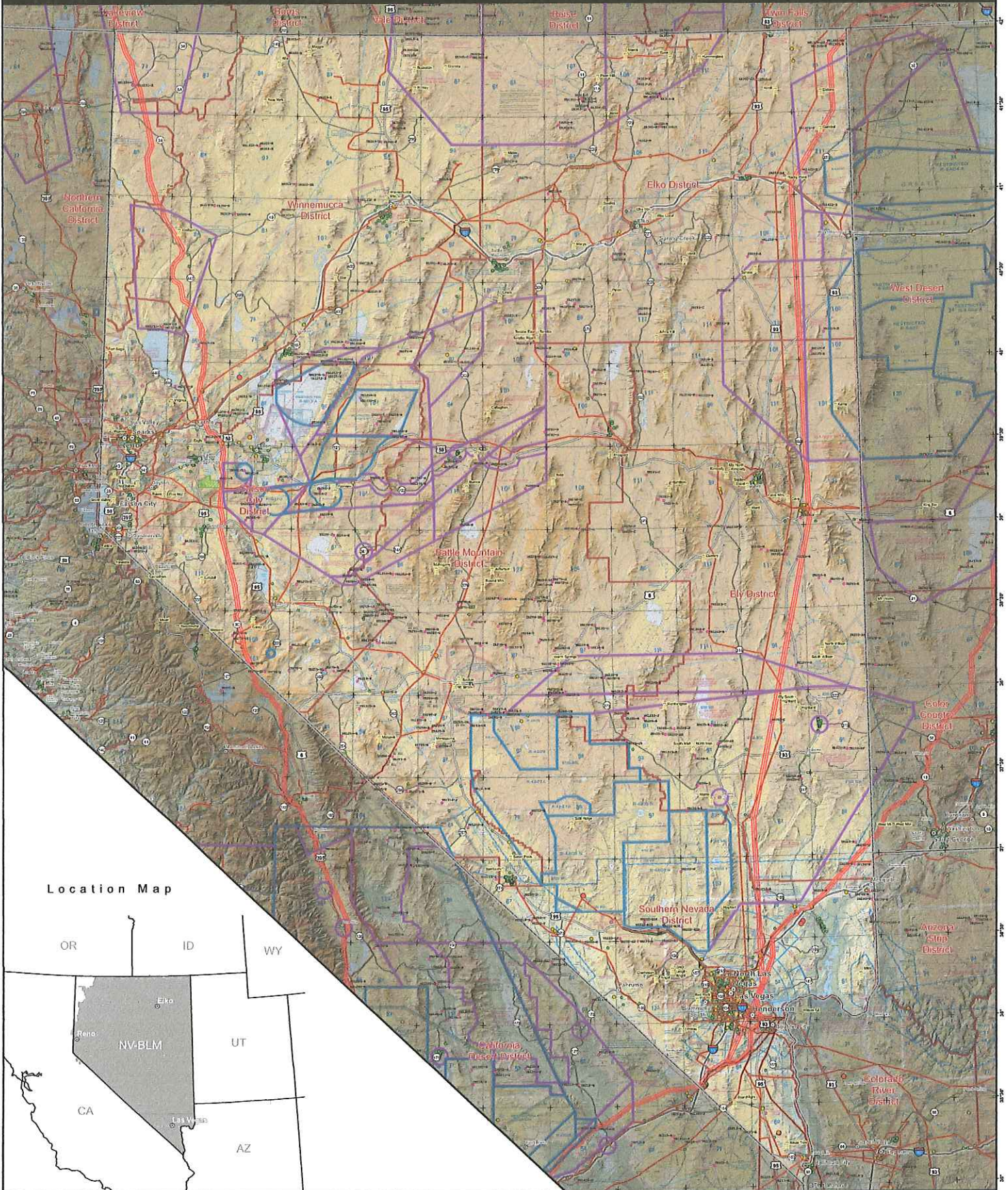
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- | | | | | |
|--|---|---|--|---|
| FAA Vertical Obstructions
<ul style="list-style-type: none"> ● > 1000' AGL ● 501' - 1000' AGL ● 201' - 500' AGL ● < 200' AGL | Airspace Special Use Areas
<ul style="list-style-type: none"> ■ Restricted ■ Military Operating Area ● MTR Turning Point | Transmission Lines
<ul style="list-style-type: none"> ■ DC Transmission Line ■ AC Transmission Line | <ul style="list-style-type: none"> ○ City/Town ○ Repeater □ State Boundary □ BLM District Boundary | <ul style="list-style-type: none"> ~ Interstate Hwy ~ US Route ~ State Route |
|--|---|---|--|---|

NORTH
1:348,050
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

2019 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:

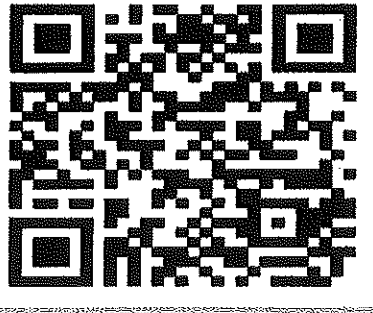
- 1.) Be sure to have Avenza Maps installed on device
- 2.) Scan QR code using Avenza Maps' QR reader
- 3.) Tap **INSTALL** then **INSTALL NOW**
- 4.) Your map(s) will now download and process
- 5.) Do not close Avenza or turn off screen while processing
- 6.) Turn folder into a Map Collection (if applicable)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



Humboldt Toiyabe NF Spring Mountain Recreation	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)
	



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