

YEAR IN REVIEW

2017

Humboldt-Toiyabe National Forest



Humboldt-Toiyabe National Forest
1200 Franklin Way
Sparks, Nevada 89431

<http://www.fs.usda.gov/htnf/>

SUSTAIN OUR NATIONAL FORESTS AND GRASSLANDS



*Thanks to all our employees, cooperators, partners, and stakeholders.
What you do and how you do it makes a difference every day.*

The mission of the U.S. Forest Service is to sustain the health, diversity, and productivity of the nation's forests and grasslands to meet the needs of present and future generations. To implement this mission, the U.S. Forest Service uses a five-year strategic plan with specific direction for the agency. The plan contains four outcome-oriented goals:

1. Sustain Our National Forests and Grasslands
2. Deliver Benefits to the People
3. Apply Knowledge Globally
4. Excel as a High-Performing Agency

We have worked hard on the Humboldt-Toiyabe National Forest to meet the objectives for each goal since the plan was introduced in 2015. Featured in this "Year In Review" report are the Forest's Fiscal Year (FY) 2017 accomplishments toward those goals. I am very proud of the tremendous efforts our dedicated employees, cooperators, partners, and



stakeholders have made toward achieving many successes in caring for the land and serving people.

So here are a few 2017 highlights:

- We worked closely with the State of Nevada, the Bureau of Land Management (BLM), and the U.S. Fish and Wildlife Service (USFWS) to identify opportunities for developing credits under Nevada's Conservation Credit System on public lands to mitigate impacts to sage-grouse habitat.
- We signed a Good Neighbor Agreement with the Nevada Departments of Agriculture, Wildlife, and Conservation and Natural Resources, enabling enhanced collaboration

on all kinds of public and private land stewardship work across the state.

- With the help of numerous partners, we achieved all of our planned natural resource and public service work for the benefit of the public, including fire management, hazardous fuels reduction, watershed restoration, and fish and wildlife habitat improvement. We also provided for livestock grazing, mineral extraction, forest products, and a variety of outdoor recreation experiences.

We are proud and humbled to be entrusted with the stewardship of our public lands and look forward to another productive year in 2018 on the Humboldt-Toiyabe National Forest.

Sincerely,

Bill Dunkelberger
Forest Supervisor
Humboldt-Toiyabe National Forest

FY 2015-2020 GOALS AND OBJECTIVES

STRATEGIC GOAL

Sustain Our National Forests and Grasslands

Strategic Objectives:

- Foster resilient and adaptive ecosystems
- Mitigate wildfire risk
- Conserve open space

STRATEGIC GOAL

Deliver Benefits to the People

Strategic Objectives:

- Provide abundant clean water
- Strengthen communities
- Connect people to the outdoors

STRATEGIC GOAL

Apply Knowledge Globally

Strategic Objectives:

- Advance knowledge
- Transfer technology and applications
- Exchange natural resource expertise

MANAGEMENT GOAL

Excel as a High-Performing Agency

Management Objectives:

- Recruit a diverse workforce
- Promote an inclusive culture
- Attract and retain top employees

SUSTAIN OUR NATIONAL FORESTS AND GRASSLANDS



Forest and Grassland Ecosystems are Resilient and Adaptive in a Changing Environment.

The Humboldt-Toiyabe National Forest is essential to the ecological, physical, biological, economic, cultural, and social well-being of communities in Nevada and portions of eastern California. Through direct natural resource management; the pursuit and exchange of new knowledge; and partnerships with private, county, state, and other federal landowners, the Forest has the capability to support sustainable stewardship.

Good Neighbor Authority Promotes Collaboration

The State of Nevada, Forest Service, and BLM signed a 10-year Good Neighbor Authority Master Agreement and a Memorandum of Understanding making it easier for state and federal agencies to partner

on forest, rangeland, and watershed restoration projects on more than 53 million acres of federally managed lands in Nevada.

Credits Used in Nevada to Mitigate Sage-Grouse

The State of Nevada released the first credits for sale under its Conservation Credit System to mitigate impacts to sage-grouse habitat. The system was developed through a collaborative effort among the State of Nevada, Forest

Service, BLM, USFWS, scientists, landowners, conservation organizations, and many others.

Project Decision Signed

The Forest issued a decision notice and final environmental assessment on the Currant-Ellison Watershed Restoration Project. The 185,000-acre project area is located on the Ely Ranger District entirely within the White Pine Range about 30 miles southwest of Ely, Nevada. The project

will improve and restore habitats for wildlife species (e.g. sage-grouse, desert bighorn sheep, and mule deer) and important vegetative communities (e.g. sagebrush and riparian areas). In addition, it creates fuel breaks and reduces hazardous fuels to increase the success of managing wildfires within and adjacent to the project area.



(Top Photo) Nora Rasure, Forest Service Intermountain Regional Forester, signs the Good Neighbor Agreement at an event at the Galena Creek Visitor Center in Reno, Nevada. (Bottom Photo) Other agency participants included (From Left To Right) Nora Rasure; Randy Moore, Forest Service Pacific Southwest Regional Forester; Sheila Anderson, Policy Advisor for the Office of Governor Brian Sandoval; Jim Barbee, Nevada Department of Agriculture Director; Marci L. Todd, BLM Acting State Director; Brad Crowell, Nevada Department of Conservation and Natural Resources Director; and Tony Wasley, Nevada Department of Wildlife Director.

IT TAKES A COMMUNITY TO SAVE AN ECOSYSTEM

Volunteers Remove Conifers in Bi-State Sage-Grouse Habitat

Humboldt-Toiyabe National Forest employees and over 20 volunteers gathered at Sweetwater Flat on the Bridgeport Ranger District to remove pinyon pine and juniper seedlings, and small trees from important Bi-State sage-grouse breeding and nesting habitat. Volunteers were from the Sierra Club, Audubon Society, Eastern Sierra Club, Audubon Society, Eastern Sierra Interpretive Association, Eastern Sierra Land Trust, and surrounding communities. The Bridgeport Ranger District's wilderness and trail crew were also on hand.



"We worked in a unit that had been treated around 10 years ago, and it was a good time to go back to remove new conifer growth," said Monique Nelson, Sage-Grouse Coordinator for the Humboldt-Toiyabe National Forest. "Pinyon and juniper grow above the low sagebrush providing perches for predators like ravens and hawks that watch for sage-grouse moving in the sagebrush. Sage-grouse nestlings and eggs are vulnerable to these predators."

"This project provided a great opportunity for a diverse group of people to come together and spend a day outside making a difference," added Nelson. "There were people from Reno, Carson City, Gardnerville, Yerington, Bridgeport, Lee Vining, and elsewhere."

The Bi-State sage-grouse is a distinct population segment of the greater sage-grouse. Most of its habitat is found in Douglas, Esmeralda, Lyon, and Mineral Counties in Nevada, and Alpine, Inyo, and Mono Counties in California. About 426,000 acres of the bird's sagebrush habitat is found



on lands managed by the Forest Service, with another 280,000 acres of habitat managed by the BLM.

"This project was part of a greater effort to preserve sage-grouse populations and prioritize conservation efforts across the Bi-State sage-grouse range," said Nelson.

"Proactive conservation efforts like this help to keep Bi-State sage-grouse off of the Endangered Species List," said Susanna Danner, Land Conservation Program Director for Eastern Sierra Land Trust.

"Restoring habitat for sage-grouse also helps us learn about our shared public lands and the wildlife that depends on them," said Danner. "When people are connected to the land it is good for communities, and good for the habitat. Ranchers, hunters, and birdwatchers all can embrace the concept of a healthy sage ecosystem."

DELIVER BENEFITS TO THE PEOPLE



Social, Economic, and Environmental Benefits Flow From Forest and Grassland Resources.

Photo: A YCC crew plants willow stakes as a part of the West Fork Carson Watershed Restoration Project in Hope Valley, California.

The Humboldt-Toiyabe National Forest plays a pivotal role in providing a wide range of benefits to the American people. Land management that is sustainable enables the Forest to produce goods and services to meet multiple public demands. Managing complex land uses is a challenge, but working collaboratively helps the Forest be successful.

Watershed Management Team Receives Award

The Forest's Watershed Management Team was awarded the Soil and Water Conservation Society's Merit Award. The team received this award for their work protecting and enhancing watersheds on the Forest. Specific accomplishments include increasing stream function at Hope Valley in eastern California; restoring sage-grouse habitat on the Santa Rosa Ranger District in northern Nevada; improving Columbia spotted frog habitat on the Austin-Tonopah Ranger District in

central Nevada; and working with Natural Resources Conservation Service.

Stream Restoration Work Continues

The Santa Rosa Ranger District continues to restore meadows in the 23,720-acre North Fork Little Humboldt River priority watershed in northern Humboldt County in Nevada. The District restored hydrologic function through multiple treatment methods in seven meadows including stabilizing headcuts and raising grade level. The largest meadow treated was 60 acres. The District also started phase two of the planned restoration work the Holloway Meadow. These meadows are important habitat for sage-grouse and other wildlife.

Community Recreation Workshop Held

The Spring Mountains National Recreation Area near Las Vegas hosted a Recreation Planning Workshop with community business leaders, non-profit partners, and

subject matter experts from other local, state, and federal agencies. The goal of the meeting was to generate creative ideas and dialog about how private, non-profit, and government sectors can collectively improve management of the National Recreation Area's recreation opportunities for the benefit of the visiting public.

Big Springs Mine Project Approved by Forest

The Mountain City-Ruby Mountains-Jarbidge Ranger District approved Anova Metals USA LLC to begin mining for gold at the former Big Springs Mine site, which was mined between 1987 and 1993. The mine is located approximately 63 miles northwest of Elko, Nevada. The signed Big Springs Mine Decision Notice summarizes Anova's approved plan of operations. The mining operation is anticipated to have a two year duration, at which time, Anova will begin final reclamation and closure of the facilities.

YOUTH CONSERVATION CREW MEMBERS...

Build Fences, Plant Seeds, and Grow Life Experience

This summer the Humboldt-Toiyabe National Forest's Ely Ranger District employed a Youth Conservation Corps (YCC) crew for 90 days. The YCC is a summer youth employment program that engages young people, ages 15 to 18, in meaningful work experiences on national parks, forests, wildlife refuges, and fish hatcheries.

"YCC crew members Tanner Bohrn, Dakota Campbell, Katie Nicholes, and team leader Schon Kirkland did an exceptional job this year," said District Ranger Jose Noriega. "They went above and beyond what we asked of them and demonstrated real leadership and drive in the work they accomplished. They installed 18,000 sage-grouse fence markers over the entire summer and installed over 4,000 fence markers in just one day."

"We are all comfortable with each other. We are all friends and enjoy working together that just lends itself to getting stuff done," said crew member Tanner Bohrn.

"We take a lot of pride in what we do," added team lead Schon Kirkland. "Producing quality work is important to us, no matter the task."

The YCC experience allows three teens and one team leader the opportunity to work and learn alongside federal employees, in a wide range of natural and environmental projects. For the Ely Ranger District's YCC program, candidates are recruited from the White Pine High School in Ely. Crew members attained unique skills such as map and compass orienteering, first aid, fence construction, leadership, proper tool usage, plant identification, and maintenance skills.

"The program is challenging, educational, and fun. It offers participants opportunities



(From left to right) YCC Team Lead Schon Kirkland with crew member Tanner Bohrn, Dakota Campbell, and Katie Nicholes.

to expand their horizons while building skills and work ethic that will benefit them for a lifetime," explained Noriega. "No previous land management experience is required, but a willingness and ability to work in a physically active outdoor program, get along well with others, and maintain a positive attitude are essential for success."

Some of the crew's summer work projects included: Installing fence markers on fences within sage-grouse habitats; building pipe rail enclosures, removing old defunct fencing that was hazardous for wildlife traveling through the area; maintaining enclosure fences; utilizing hand saws to remove pinyon-juniper encroachment in sage-grouse and mule deer habitats; using slash, rock, and seeding to rehabilitate and close unauthorized roads; and planting riparian vegetation for watershed restoration projects. They also assisted with maintenance of facilities and recreation sites.

"My favorite part of the summer was constructing the Deer Spring fence," said crew member Dakota Campbell. "It was a lot of hard work, but I was proud to see what we could accomplish."

APPLY KNOWLEDGE GLOBALLY



Natural Resource Decision Making is Improved Through the Use of Reliable Information and Applications.

Photo: Historic aspen tree carvings by Basque shepherds.

To increase our understanding of forests and rangelands, the employees on the Humboldt-Toiyabe National Forest are constantly improving their knowledge of complex environmental processes, biological and physical conditions, resource uses, human social dimensions, and the interconnections among all these elements. Sustaining National Forest System (NFS) lands into the future depends on new knowledge, information, and applications.

Land Management Agencies Sponsor Training

More than 80 stakeholders connected to sage-grouse issues in Nevada attended a two and a half day Collaboration Training Workshop in Reno. The workshop was sponsored by the State of Nevada, Forest Service and BLM. Participants were provided with basic tools for engaging in consensus building and facilitating consensus-based processes. Attendees

included federal and state agency staff, conservation district employees, livestock producers, and mining industry representatives. The workshop helped to establish a Nevada Collaborative Network that empowers both stakeholders and land managers to cooperatively resolve conflict and build a collaborative position.

Forest Staff Participates in Grazing Workshops

Forest and Nevada BLM State Office staff participated in public workshops hosted by the Nevada Cattlemen's Association. The workshops, were held in the following Nevada cities: Austin, Battle Mountain, Elko, Ely, Fallon and Winnemucca. The purpose of these workshops was to provide grazing permittees and other interested individuals with updates about the implementation of the Forest Service and BLM Greater Sage-Grouse Land Use Plan Amendments in regards to the livestock grazing programs in Nevada and northeastern California.

Prevention Team Takes Message on the Road

A BLM and Forest Service Fire Prevention Team traveled across Nevada with the purpose of establishing a coordinated approach and consistent messaging campaign to reach communities state-wide. The campaign informed the public of the risks of human-caused wildfires.

Heritage Project Documents Historic Tree Carvings

Heritage Program archeologists on the Carson Ranger District's Heritage Program worked with the Eastern Sierra Interpretive Association to fund and organize the documentation of historic aspen carvings in the Monitor Pass area of the Sierra Nevada Mountains in California. These carvings are associated with herding sheep during the first part of the 20th century. The carvings are largely the work of Basque shepherds and include names and initials, dates, phrases in several languages, and even human and animal figures.

FOREST HOSTS MINING FELLOW

International Fellowship Seeks Local Solutions to Global Issues

The Humboldt-Toiyabe National Forest, in conjunction with Forest Service's International Visitor Program and IREX Community Solutions Program (CSP), recently sponsored a minerals and geology fellow from Guinea in West Africa. Joseph Dopavogui worked for a month with the Forest's Mineral Program staff on the Mountain City-Ruby Mountains-Jarbidge Ranger District in Elko.



Joseph Dopavogui, Minerals and Geology Fellow from Guinea in West Africa

Dopavogui is the executive director of a non-governmental organization (NGO) called Association for Mining Without Poverty. The NGO was formed to promote sustainable mining in Dopavogui's home country. He has a Bachelor's in Geological Engineering and a Master's in Exploration Geology. The CSP Fellowship is helping Dopavogui gain experience in minerals management, environmental permitting, and the community engagement process.

The CSP is a professional leadership development program for community leaders worldwide. The CSP fellows complete a four-month fellowship from August to December with a U.S. nonprofit organization or local government agency. Fellows return home to apply their new skills through a community action project.

Dopavogui started his fellowship working with the Forest Service's Minerals and Geology Management staff in Denver, Colorado, before coming to the Humboldt-Toiyabe

National Forest, which has the largest locatable minerals (such as gold, silver, barite, and lithium) program and hosts the largest gold mine on NFS lands. Dopavogui also participated in the International Mining Seminar in Tucson, Arizona, and spent time at the Coronado National Forest in southern Arizona and Tonto National Forest in central Arizona.

While working on the Humboldt-Toiyabe National Forest, he worked on reviewing mining and proposed groundwater regulations and inspecting exploration plans. He also worked closely with the minerals team to gain knowledge about locatable minerals and environmental compliance by attending meetings, reviewing documents, inspecting mine sites, and assisting in the field with a reclamation project.

"This program has helped me gain valuable experience and knowledge, which I can take back to Guinea and implement them for the benefit of our communities," said Dopavogui.

When he returns home, Dopavogui plans to implement a project that will train and employ youth community leaders. The youth will learn about specific mining projects and will go into local communities, sharing the projects' effects, and educating and engaging community members to better participate in the planning process.



Joseph Dopavogui being interviewed by Reporter Lori Gilbert at the local NBC affiliate KENV station in Elko.

EXCEL AS A HIGH-PERFORMING AGENCY



Exemplary Public Service Realizes Customer-Focused Results.

Photo: Crucial Conversation Training held for all employees in Reno.

Striving for outstanding public service is part of the Humboldt-Toiyabe National Forest's culture. The Forest has traditionally attracted employees with genuine interests in natural resources, land management, and who are also dedicated to serving the American people.

Forest Employees Come Together to Learn

The Forest hosted its Biennial All Employee Meeting. This week-long meeting provided an opportunity for staff from the Forest's seven ranger districts and Supervisor's Office to come together and learn. The theme of the meeting was "Communication and Leadership: Coming Together - Like Pieces of a Puzzle It Takes All of Us to Complete the Picture." The agenda included two days of Crucial Conversations training taught by a cadre of Pacific Northwest Region employees. Dr. Rich Whitney, an expert in organizational leadership, also spoke about "Adaptive Leadership."

Joe Meade, Director of Recreation, Heritage and Volunteer Resources from the

Washington Office, also was a guest speaker and provided a national perspective.

1,500 Miles in Five Days

REGIONAL TEAM TOURS FOREST



Since a lot of ground needed to be covered in a short period of time, the Forest Review Team split into three groups in order to more effectively cover the Forest's 6.3 million acres over 7 noncontiguous districts.

The Forest was the subject of an Intermountain Regional Forester's Forest Review, which allowed the Regional Forester, directors, and staff an opportunity to meet with Forest employees and partners, and learn about their successes, issues, and concerns. The process will help the Forest continue to work towards meeting the Forest Service's strategic goals.



Some of the Forest Review Team participated in a sage-grouse lek survey in Austin, Nevada.



Employees at the Mountain City-Ruby Mountains-Jarbridge Ranger District' Wells Office in Wells, Nevada, met with Forest Review Team members.

FOREST EMPLOYEES RECEIVE RECOGNITION

Local Individuals and Groups Significantly Contribute to Mission

Employees on the Humboldt-Toiyabe National Forest recently received recognition for their exceptional efforts to sustain the health, diversity, and productivity of NFS lands.



Fire Prevention Award

Ray Johnson, Fire Prevention Technician on the Spring Mountains National Recreation Area,

was awarded the 2017 Bronze Smokey Bear Award. Johnson received this award for the work accomplished during his 24-year career educating the public about the dangers, causes, and prevention measures associated with wildland fire.



Inspiring Women Award

Carol Carlock received an Inspiring Women Award honorable mention in the Outstanding Mentor/Coach Category. This award, sponsored by the Forest

Service Intermountain Region, recognized the contributions and commitment of outstanding women in the Forest Service, whose work and service inspire women and others in the workplace or community. Carlock is the Central Zone Fuels Specialist on the Ely Ranger District in Ely, Nevada. Throughout her 38-year career with the Forest Service, Carlock has held numerous leadership roles where she worked to empower and motivate employees, improve communications, build a sense of community, and achieve the Forest's restoration objectives.



Eastern Sierra Trails Coalition Summit Award

Dan Morris, Recreation Officer on the Carson Ranger

District in Carson City, Nevada, was awarded the 2017 Individual Volunteer or Agency Professional Champion Award at the Eastern Sierra Trails Coalition Summit. This award is given to an individual or agency staff person who has made a significant contribution in support of trails in the Sierra Front area. Morris was honored for his high level of commitment of providing the public with safe and sustainable Forest trails; obtaining grant funding to maintain and build trails; bringing project ideas to implementation; and developing partnerships with federal, state, local agencies and non-profit organizations.

Regional Forester's Honor Award

The Forest's Sage-Grouse Program was recognized by the Forest Service Intermountain Regional Leadership, with a 2017 Regional Forester's Honor Award in the Sustaining Forests and Grasslands Group Category, for their sage-grouse conservation efforts. Accomplishments include removing conifers from 10,000 acres of NFS lands; inventorying and treating invasive species; collecting native seed for restoration work; protecting springs and riparian areas; restoring sage-grouse brood-rearing habitat; and hosting youth work crews. The breadth and impact of the Forest's Sage-Grouse Program has gone far beyond the objectives in the Forest's plan amendments and will have lasting impacts in creating more resilient ecosystems for sage-grouse in Nevada and a portion of eastern California.

FOREST VOLUNTEERS REGIONALLY RECOGNIZED

Local Individuals and Groups Significantly Contribute to Mission

Several Humboldt-Toiyabe National Forest individual and group volunteers were honored by the Forest Service Intermountain Regional Office.

"We have a number of engaged citizens and community groups whose efforts help us to fulfill our mission," said Forest Supervisor Bill Dunkelberger. "These volunteers have given selflessly of their time and performed an astonishing variety of tasks, which enhanced both Forest operations and the visitor experience."

AWARD WINNERS INCLUDE:



Bob Grozenski - Enduring Service Volunteers & Service Award

For six years, Bob Grozenski has been a Spring Mountains National Recreation Area Volunteer. He has been a

valuable asset to the "Go Mt Charleston" Volunteer Program as a trail host. While hiking trails, Grozenski provides information to visitors, picks up trash, performs light trail maintenance, and renders first aid assistance if necessary. Additionally, Grozenski staffs the Spring Mountains Visitor Gateway and regularly assists with educational programs, such as "Science Safaris," and guided hikes. Grozenski has volunteered over 300 hours.



Brad Phelps - Enduring Service Volunteers & Service Award Recipient

For four years, Brad Phelps has volunteered at the Galena Creek Visitor Center on the Carson Ranger District during the months of January through May. Phelps does an excellent job of engaging visitors through his welcoming, friendly approach to sharing his

extensive knowledge of the District and local area. In addition to interpretive services, he also arranges for volunteer presenters to speak to the local community on a variety of topics related to science, outdoor recreation, and local history and culture. Phelps has volunteered over 1,200 hours.



Nevada Site Stewards - Citizen Stewardship & Partnerships Volunteers & Service Award

The Nevada Site Stewards have been working with the Forest since their program began in 2005. Every year since 2005, the Nevada Site Stewards volunteers log thousands of miles driving their own vehicles to monitor and complete condition assessments of the important archaeological sites across the Forest. Between 2013 and 2017, 95 volunteers have made 557 survey visits and monitored 72 sites, totaling 3,981 hours.



Bristlecone Chapter Back Country Horsemen of Nevada - Citizen Stewardship & Partnerships Volunteers & Service Award

The Bristlecone Chapter of Back Country Horsemen of Nevada has supported numerous projects on the Spring Mountains National Recreation Area, including rebuilding the south loop of the National Recreation Trail in the Mt. Charleston Wilderness Area, which was destroyed by the Carpenter 1 Fire. During a six month period, Back Country Horsemen volunteers provided the stock needed to carry equipment and supplies on 13 different trips. Because most of the trail is in a wilderness area, the efforts of this organization were critical and enabled an early completion of the trail restoration, while maintaining the wilderness character of the area.



Humboldt-Toiyabe National Forest

The Forest's spectacular 6.3 million acres make it the largest national forest in the lower 48 states. This report provides facts and financials from October 2016 through September 2017, which is the federal government's fiscal year.

FISCAL YEAR 2017 STATISTICAL INFORMATION

Budget

Forest Budget	
Humboldt-Toiyabe National Forest Appropriated Funds	\$24,085,525
Humboldt-Toiyabe National Forest Southern Nevada Public Land Management Act (SNPLMA) Funds Received	\$2,801,266

Revenues to Federal Government

Programs	Receipts
Forest Product Permits	\$91,390
Forest Service Maps	\$16,339
Grazing Fees	\$339,226
Recreation Fees	\$171,856
Recreation Passes	\$32,470
Recreation Special Use Permits	\$109,011
Total Receipts	\$760,292

*Payments to Counties with National Forest System Lands

County	*Payments	County	*Payments
Carson	\$109,045	Alpine	\$158,988
Clark	\$3,457,840	Lassen	\$1,822,798
Douglas	\$671,200	Mono	\$1,250,413
Elko	\$3,559,616	Nevada	\$394,732
Eureka	\$360,133	Sierra	\$159,632
Humboldt	\$1,766,335		
Lander	\$1,003,801		
Lincoln	\$893,189		
Lyon	\$2,148,161		
Mineral	\$714,477		
Nye	\$3,153,811		
Washoe	\$3,547,161		
White Pine	\$1,250,115		
Nevada Total	\$22,634,884	California Total	\$3,786,563
		Grand Total NV & CA	\$26,421,447

*Payments in Lieu of Taxes (<https://www.doi.gov/pilt>) plus Secure Rural Schools Payments (<http://www.fs.usda.gov/main/pts/securepayments/projectedpayments>)

Federal Contracts Awarded to Private Sector *(excluding fire)*

Type	Value
Goods	\$471,732
Services	\$3,190,240
Non-Contractual Purchases	\$781,478
Total	\$4,443,450

Partnership Funding Received thru Grants and Agreements *(including fire)*

Data	Total
Funding Received	\$5,955,487
Funding Match by Partners	\$2,804,989

Personnel

Workforce	Positions
*Permanent Employees	224
*Term Employees	1
Temporary Employees	100
Total Number of Employees	325

**As of November 2017*

Volunteers

Number of Volunteers	Total Hours	Value
1,904	62,548	\$1,509,908.72

Number of Congressional Districts

Nevada	California	Total
4	3	7

Acreage

Nevada	California	Total Acreage
5,608,515 acres	645,981 acres	6,254,496

Acreage by Ranger District

Unit	Nevada	California	Total Acreage
Austin-Tonopah Ranger District	2,116,499		2,116,499
Bridgeport Ranger District	637,694	375,721	1,013,415
Carson Ranger District	136,032	270,260	406,292
Ely Ranger District	1,007,438		1,007,438
Mountain City-Ruby Mountains-Jarbidge Ranger District	1,104,099		1,104,099
Santa Rosa Ranger District	289,564		289,564
Spring Mountains National Recreation Area	317,189		317,189

Acreage by County

County	Nevada	County	California
Carson	11,347	Alpine	237,235
Clark	279,743	Lassen	1,254
Douglas	63,806	Mono	375,747
Elko	1,067,794	Nevada	3,427
Eureka	144,091	Sierra	28,318
Humboldt	289,564		
Lander	296,557		
Lincoln	29,467		
Lyon	276,411		
Mineral	323,908		
Nye	1,963,154		
Washoe	98,254		
White Pine	764,419		
Nevada Total	5,608,515 acres	California Total	645,981 acres
		Grand Total NV & CA	6,254,496 acres

Wilderness Areas

Wilderness	Managing Unit	Acreage
Alta Toquima Wilderness	Austin-Tonopah Ranger District	35,581
Arc Dome Wilderness	Austin-Tonopah Ranger District	120,555
Bald Mountain Wilderness	Ely Ranger District	22,374
Carson-Iceberg Wilderness	Carson Ranger District	77,862
Currant Mountain Wilderness	Ely Ranger District	47,311
East Humboldt Wilderness	Mountain City-Ruby Mountains-Jarbidge Ranger District	32,364
Grant Range Wilderness	Ely Ranger District	52,451
High Schells Wilderness	Ely Ranger District	121,467
Hoover Wilderness	Bridgeport Ranger District	99,538
Jarbidge Wilderness	Mountain City-Ruby Mountains-Jarbidge Ranger District	110,471
La Madre Mountain Wilderness	Spring Mountains National Recreation Area	19,047
Mokelumne Wilderness	Carson Ranger District	20,027
Mt. Charleston Wilderness	Spring Mountains National Recreation Area	54,641
Mt. Moriah Wilderness	Ely Ranger District	79,963
Mt. Rose Wilderness	Carson Ranger District	28,631
Quinn Canyon Wilderness	Ely Ranger District	26,310
Rainbow Mountain Wilderness	Spring Mountains National Recreation Area	4,599
Red Mountains Wilderness	Ely Ranger District	20,521
Ruby Mountains Wilderness	Mountain City-Ruby Mountains-Jarbidge Ranger District	92,652
Santa Rosa-Paradise Peak Wilderness	Santa Rosa Ranger District	32,072
Schellback Wilderness	Ely Ranger District	36,151
Table Mountain Wilderness	Austin-Tonopah Ranger District	92,627
White Pine Range Wilderness	Ely Ranger District	40,041
Wovoka Wilderness	Bridgeport Ranger District	49,125
	Total	1,316,381

Special Designation Areas

Areas	Acreage
Bridgeport Winter Recreation Area	7,250
National Recreation Area	317,189
Research Natural Areas	36,175
Roadless Areas	3,383,791
Wild Horse and Burro Territories	1,670,720
Wilderness Study Areas	155,186
Total	5,570,311

*Special Use Permits

Type	Quantity	Total
Total Number of Recreation Special Use Permits		215
• Recreation Residences	97	
• Ski Areas	2	
• Organization Camps	5	
• Resorts	7	
Total Number of Lands Special Use Permits		756
• Communication Sites (40)	128	
• Linear rights of way/water related	139	
• Linear rights of way/power, telephone, roads	298	
• Military Training Area	1	
Total Number of Special Use Permits		971

**Only a portion of the total number/and type of permits are highlighted in chart.*

Recreation Program

Recreation	Numbers
Annual Visitors	4 million
Recreation Sites	138
• Boating Sites	2
• Campgrounds	60
• Day Use Areas	14
• Interpretive Sites	3
• Ski Area	2
• Sno-Parks	1
• Trailheads	53
• Visitor Center/Gateway	2
• Winter Recreation Area	1
Trails	3,528 miles
• Motorized Trails	1,716 miles
• Non-Motorized Trails	1,812 miles
Special Designated Trails	4
• National Recreation Trails	2
• National Scenic Trails	1
• Pony Express Trail	1

Road System Mileage by Ranger District

Unit	Designated Road Miles
Austin-Tonopah Ranger District	1,394
Bridgeport Ranger District	1,053
Carson Ranger District	589
Ely Ranger District	665
Mountain City-Ruby Mountains-Jarbidge RD	1,125
Santa Rosa Ranger District	471
Spring Mountains National Recreation Area	298
Total	5,595

Cultural Resource Activity

Resources	Sites Recorded FY 2017	Sites Recorded to Date	Sites Listed on National Register	Percent of Forest Surveyed
Prehistoric and Historic Sites	241	14,884	18	8%

Tribal Relations

Federally Recognized Tribes	Non-Federally Recognized Tribes	Total
30	3	33

Natural Resources Program

Resources	Quantity
Threatened, Endangered, and Sensitive Botanical Species	92
Threatened, Endangered, and Sensitive Terrestrial Species	21
Threatened, Endangered, and Sensitive Aquatic Species	8
Endangered Species (1 mammal, 1 amphibian, and 1 insect) <ul style="list-style-type: none"> • Sierra Nevada Bighorn Sheep • Sierra Nevada Yellow-Legged Frog • Mt Charleston Blue Butterfly 	3
Threatened Species (4 fish, 1 amphibian, and 1 plant) <ul style="list-style-type: none"> • Yosemite Toad • Lahontan Cutthroat Trout • Bull Trout • Paiute Cutthroat Trout • Railroad Valley Springfish • Webbers Ivesia 	6
Candidate Species (1 mammal, 1 plant) <ul style="list-style-type: none"> • Sierra Nevada Red Fox • Whitebark Pine 	2
Greater Sage-Grouse Habitat	2,403,900 acres
Bi-State Sage-Grouse Habitat	425,354 acres
Perennial Streams	4,418 miles
Intermittent Streams	19,745 miles
Lakes, reservoirs, and other water bodies	7,228 acres

Minerals Program

Project	Quantity
Active Hard-Rock Mining Operations Plans and Notices	448
Mineral Material Permits for Small Quantities of Personal-Use Rock	15
Closure of Abandoned Mines Posing a Public Safety Hazard	57

Noxious Weed Management Program

Activity	Acreage
Treatments	7,819
Inventories	33,002

Range Program

Unit	Permits	Active Allotments	*Authorized Livestock Use	Acreage
Austin-Tonopah Ranger District	17	35	28,246 AUM	1,515,939
Bridgeport Ranger District	20	47	19,125 AUM	838,343
Carson Ranger District	7	15	3,097 AUM	185,365
Ely Ranger District	18	30	25,725 AUM	907,346
Mountain City-Ruby Mountains-Jarbidge RD	76	121	124,944 AUM	1,020,600
Santa Rosa Ranger District	17	12	34,686 AUM	271,599
Totals	155	260	235,823 AUM	4,739,192

*AUM = Animal Unit Month

Timber Program

Activity	*Measurement
Christmas Tree Permits	5,731 permits sold
Personal Use Firewood Permits	2,800 cords sold
Posts, Poles, etc. Permits	9 ccf* sold
Commercial Timber Sales	77 acres

*ccf = hundred cubic feet

Fuels Treatment

Activity	Acreage
Hazardous Fuels Reduction	9,925 acres (includes 7,700 acres of pinyon pine and juniper removal to enhance sagebrush communities and sage-grouse habitat.)

Prescribed Burning

Unit	Quantity	Acreage
Carson Ranger District	9	205
Bridgeport Ranger District	2	75
Spring Mountains National Recreation Area	4	30
Ely Ranger District	1	20
Total	16	330

Wildfires

Cause	Number	Acreage
Lightning	56	4,365
Human	27	3,235
Total	83	7,600

Interagency Fire Dispatch Incident Response

Interagency Dispatch Center	Wildfires	Prescribed Burn	Smoke Check/FA	Search and Rescue	Law Enforcement
Sierra Front	276	4	94	1	5
Central Nevada	179	0	58	0	4
Elko	158	1	1	0	1
Ely	110	3	44	2	0
Las Vegas	121	10	19	2	19
Total	844	18	216	5	29

Fire Resources

Resources	Quantity
Permanent Personnel	156
Seasonal Personnel	45
Fire Stations	13
*Type 2 Fire Use Module	1
*Type 3, 4, and 6 Engines	15
Patrol Units	12

*Incident Command System Levels: Type 5 least complex, while Type 1 is the most complex.

*Bridgeport Helitack

Helicopter	Hours Flown
Type III (6 Golf Mike)	112
Type III (14 Hotel Echo)	209
Total	321

*Incident Command System Levels: Type 5 least complex, while Type 1 is the most complex.

Black Mountain Interagency Hotshot Crew Activity

Wildfires	Days on Incidents	Training Days	Project Days
20	112	10	0

**Historical Fire Overview

Data	Quantity	Total
Number of Fires Over the Past 11 Years		3,349
• Lightning Caused	2,293	
• Human Caused	1,056	
*Incident Management Teams on Forest for Past Six Years		18
• Type 1 Fires	3	
• Type 2 Fires	5	
• Type 3 Fires	10	
Sage-Grouse Habitat Burned in Wildfires		5,000
Average Acreage Burned Per Year		18,468

*Incident Command System Levels: Type 5 least complex, while Type 1 is the most complex.

**Include 2017 fire data.