



HUMBOLDT-TOIYABE NATIONAL FOREST

FISCAL YEAR 2018 STATISTICAL INFORMATION

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 2017 through September 2018, which is the federal government's fiscal year.

Budget

Forest Budget	
Humboldt-Toiyabe National Forest Appropriated Funds	\$18,608,246
Humboldt-Toiyabe National Forest Southern Nevada Public Land Management Act (SNPLMA) Funds Received	\$4,066,720

Revenues to Federal Government

Programs	Receipts
Forest Product Permits	\$105,843
Forest Service Maps	\$20,041
Grazing Fees	\$265,275
Recreation Fees	\$449,016
Recreation Passes	\$23,461
Recreation Special Use Permits	\$81,835
Total Receipts	\$945,471

*Payments to Counties with National Forest System Lands

County	*Payments	County	*Payments
Carson	\$115,857	Alpine	\$163,435
Clark	\$3,634,555	Lassen	\$2,628,300
Douglas	\$694,254	Mono	\$1,318,592
Elko	\$3,533,219	Nevada	\$534,656
Eureka	\$349,478	Sierra	\$435,825
Humboldt	\$1,802,609		
Lander	\$1,024,407		
Lincoln	\$911,526		
Lyon	\$2,313,628		
Mineral	\$781,024		
Nye	\$3,326,751		
Washoe	\$3,629,747		
White Pine	\$1,275,787		
Nevada Total	\$23,392,842	California Total	\$5,080,808
		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	\$175,186
Services	\$3,363,153
Non-Contractual Purchases	\$742,657
Total	\$4,280,996

**As reported by the Intermountain Regional Contracting Office*

Partnership Funding Received thru Grants and Agreements (including fire)

Data	Total
Funding Received	\$3,073,401
Funding Match by Partners	\$1,856,240

Personnel

Workforce	Positions
*Permanent Employees	230
Temporary Employees	100
Total Number of Employees	330

Volunteers

Number of Volunteers	Total Hours	Value
2,546	131,057	\$3,235,798

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		205
• Recreation Residences	97	
• Ski Areas	2	
• Organization Camps	5	
• Resorts/Pack Stations	7	
Total Number of Lands Special Use Permits		742
• Communication Sites (40)	131	
• Linear rights of way (power, telephone, fiber, roads, water transmission)	314 authorizations = 575 miles	
• Military Training Area	2	
Total Number of Special Use Permits		947

**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-Jarbridge 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	246	15,130	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	20
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
Proposed Threatened Species (1 bird) <ul style="list-style-type: none"> Greater Sage-grouse, Bi-state Distinct Population Segment 	1
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	447
Mineral Material Permits for Small Quantities of Personal-Use Rock	22
Closure of Abandoned Mines Posing a Public Safety Hazard	54

Noxious Weed Management Program

Activity	Acreage
Treatments	4,839
Inventories	40,662

Range Program

Unit	Permits	Active Allotments	*Authorized Livestock Use	Acreage
Austin-Tonopah Ranger District	15	35	28,141 AUM	1,515,939
Bridgeport Ranger District	19	47	17,199 AUM	838,343
Carson Ranger District	8	15	4,117 AUM	185,365
Ely Ranger District	17	30	25,151 AUM	907,346
Mountain City-Ruby Mountains-Jarbidge RD	67	121	121,250 AUM	1,020,600
Santa Rosa Ranger District	17	12	34,451 AUM	271,599
Totals	143	260	230,309 AUM	4,739,192

*AUM = Animal Unit Month

*Number of permits varies year to year due to permit waivers. Authorized Livestock Use also varies each year primarily due to full or partial non-use by permittees for personal convenience or in response to wildfire, drought, or excessive wild horse and burro use.

Timber/Forest Products Program

Activity	*Measurement
Christmas Tree Permits	8,731 permits sold
Personal Use Firewood Permits	4,339 cords sold
Posts, Poles, etc. Permits	6 ccf* sold
Commercial Timber Sales	0 acres
Commercial Pine Nut Sales	6 tons sold

*ccf = hundred cubic feet

Fuels Treatment

Activity	Acreage
Hazardous Fuels Reduction	14,010 acres of fuels treatments accomplished.

Prescribed Burning

Unit	Acreage
Bridgeport Ranger District	40
Carson Ranger District	201
Ely Ranger District	630
Mountain City-Ruby Mountains-Jarbidge Ranger District	100
Spring Mountains National Recreation Area	64
Total	1,035

***Forest Wildfires**

Cause	Number	Acreage
Lightning	38	147,360
Human	72	22,281
Total	110	169,641

*Data from Jan. 1, 2018 to Dec. 31, 2018

*Originated on National Forest System lands

***Interagency Fire Dispatch Incident Response**

Interagency Dispatch Center	Wildfires	Prescribed Burn	Smoke Check/FA	Search and Rescue	Law Enforcement
Sierra Front	133	5	67	0	25
Central Nevada	153	4	79	23	3
Elko	138	3	59	0	0
Ely	142	3	30	0	0
Las Vegas	97	10	63	5	40
Total	663	25	298	28	68

* Data from Jan. 1, 2018 to Dec. 31, 2018

***Fire Resources**

Resources	Quantity
Permanent Personnel	26
Permanent Seasonal Personnel	76
Seasonal Personnel	50
Fire Stations	13
**Type 2 Fire Use Module	1
**Type 3, 4, and 6 Engines	15
Patrol Units	12

*Data from Jan. 1, 2018 to Dec. 31, 2018

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

***Bridgeport Helitack**

Helicopter	Hours Flown
Type III (14 Hotel X-Ray – Main Aircraft)	272
Type III (6 Golf Mike)	134
Type II (22 Zulu)	24
Type II (3 Papa Alpha)	48
Type III (5 Charlie Lima)	21
Total	499

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

* Data from Jan. 1, 2018 to Dec. 31, 2018

***Black Mountain Interagency Hotshot Crew Activity**

Wildfire	Days on Incidents	Training Days	Project Days
22	109	20	18

*Data from Jan. 1, 2018 to Dec. 31, 2018

Historical Fire Overview Since 2011

Data	Quantity		Total	
*Number of Fires			841	
• Lightning Caused	532			
• Human Caused	309			
**Incident Management Teams on Forest	2018	Total Since 2011	33	
• Type 1 Fires	2	5		
• Type 2 Fires	3	8		
• Type 3 Fires	10	20		
Sage-Grouse Habitat Burned in Wildfires			173,825	
	Data	Bi-State	Greater	Quantity
	2011-2017			5,000
	2018	7,037	161,788	168,825

*Originated on National Forest System lands

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