

ANNUAL REPORT

For Fiscal Year 2001
Shasta-Trinity National Forest

Managing for Sustainable Ecosystem Conditions

Northwest Forest Plan

Forest staff completed watershed analyses in six key watersheds in the Trinity river Basin. The total area analyzed was about 210,000 acres. The Forest implemented its first showcase, thinning project in a late-successional reserve. This demonstrates successful completion of a project that involved a high level of public involvement and interagency collaboration.

The Forest helped design the alternatives for the Survey and Manage FSEIS that was published in November and participated in the rollout briefings in Northern California. The Forest assisted with the development of the draft monitoring and evaluation format at the National monitoring workshop in Chicago. Currently, Forest staff members are participating on an Interagency Northwest Forest Plan task group to advise the RIEC on new research findings pertaining to the development of young stands toward late-successional old growth conditions. The Forest ecosystem staff is directly involved in the review and implementation of the Klamath Province Northern Spotted Owl baseline analysis. The Forest also provided a representative for Region 5 to the five-member, interagency Regional Implementation Monitoring Team.

Lake Britton-Iron Canyon and Upper Sacramento River watershed implementation monitoring was completed by the Forest and Northwest Sacramento PAC members. Stuart's Fork watershed implementation monitoring was completed by the Forest and Klamath PAC.

Aquatic Conservation Strategy

The Forest completed spawning surveys for fall Chinook salmon in the North Fork Trinity River, Canyon Creek, East Fork North Fork Trinity River, Big French Creek, Lewiston Ranch-Upper Main Stem Trinity River, and Rush Creek. Survey data was also collected for several hundred Coho salmon spawning in the Lewiston Reach in an area where an instream gravel project was completed two years ago.

Turbidity monitoring was accomplished for Trinity Lake tributaries. Graves Creek Bridge replacement did not result in increased turbidity levels. However, Ripple Creek Bridge replacement resulted in slightly elevated turbidity levels.



Level I consultation with National Marine Fisheries Service was complete for Pigeon Point Biological Assessment (B.A), the Programmatic Timber Salvage and Thinning B.A., and the Little East Fork Canyon Creek B.A.



Construction of a pond for wildlife habitat enhancement



Clean loader working on riffle construction for fisheries



Low intensity burn to enhance deer browse

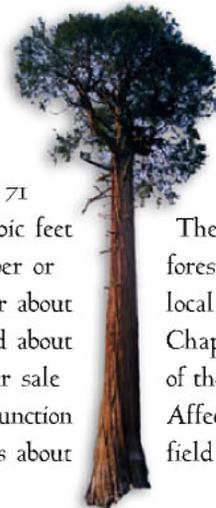
Managing for Sustainable Ecosystem Conditions

Shasta-Trinity National Forest



Timber Sales - NWFP

The Forest offered eighteen timber sales totalling about 71 million board feet (mmbf) or about 158,450 hundred cubic feet (ccf) of estimated volume. Offerings of salvageable timber or primarily dead or dying trees totalled about 9.2 mmbf or about 18,400 ccf of estimated volume. Fuelwood offerings totalled about 4 mmbf or 8,000 ccf of estimated volume. Several timber sale offerings were prepared but not advertised because of an injunction issued by Judge Rothstein. The total volume offered was about 84.2 mmbf or about 184,850 ccf.



Sharing Ecosystem Management concepts with Russian Foresters

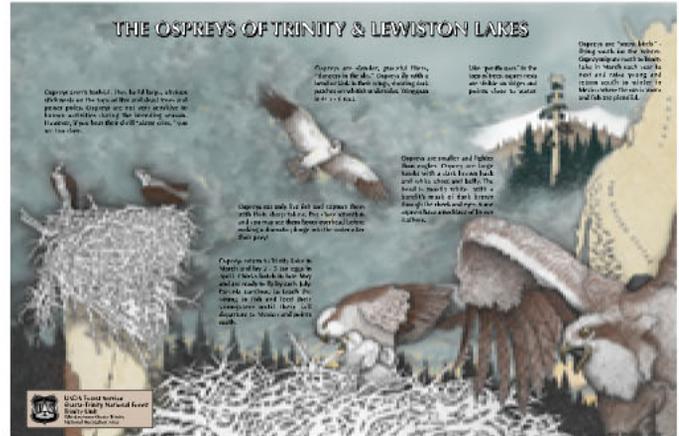
The Shasta-Trinity National Forest hosted thirteen Russian foresters. This effort was a collaboration between the Forest, local business and civic organizations, and the Wyntoon Chapter of the Society of American Foresters. The theme of the visit was "Forestry in Northern California... Regulations Affecting Public and Private Lands." The visit emphasized field tours lead by practicing foresters.

Recreation Program Enhancement

Capital Investments

The Forest completed significant accomplishments on two recreation projects.

- ♦ **Minersville Recreation Complex:** Completed design and the contract package for improvements to the utility and road infrastructure. Completed the survey and design for renovation of Bushytail and Minersville Campgrounds and a new boat ramp with support facilities located on Trinity Lake. California Department of Boating and Waterways is our partner.
- ♦ **Stuart's Fork Boat Ramp Repair:** Completed this project which included... demolition and replacement of the storm damaged boat ramp and placement of large rocks to protect the bank from erosion.



Interpretive sign made possible with Fee Retention money

Recreation Fee Demonstration Program

The Shasta-Trinity National Forest was granted Forest-wide fee collection authority. Since then, the National Recreation Area Fee Retention Project, the Mt. Shasta and the Forest developed sites projects were implemented.



In fiscal year 2001, the Forest expanded the Underwater Obstacle Marking Project on the Shasta Unit of the N.R.A. Participants from the Forest Service and six resort marinas cooperatively placed 118 obstacle markers bringing the total number of markers to 217. Other projects include sign replacement and repair, anchors for ten safety-related floating directional signs and boat ramp improvements.

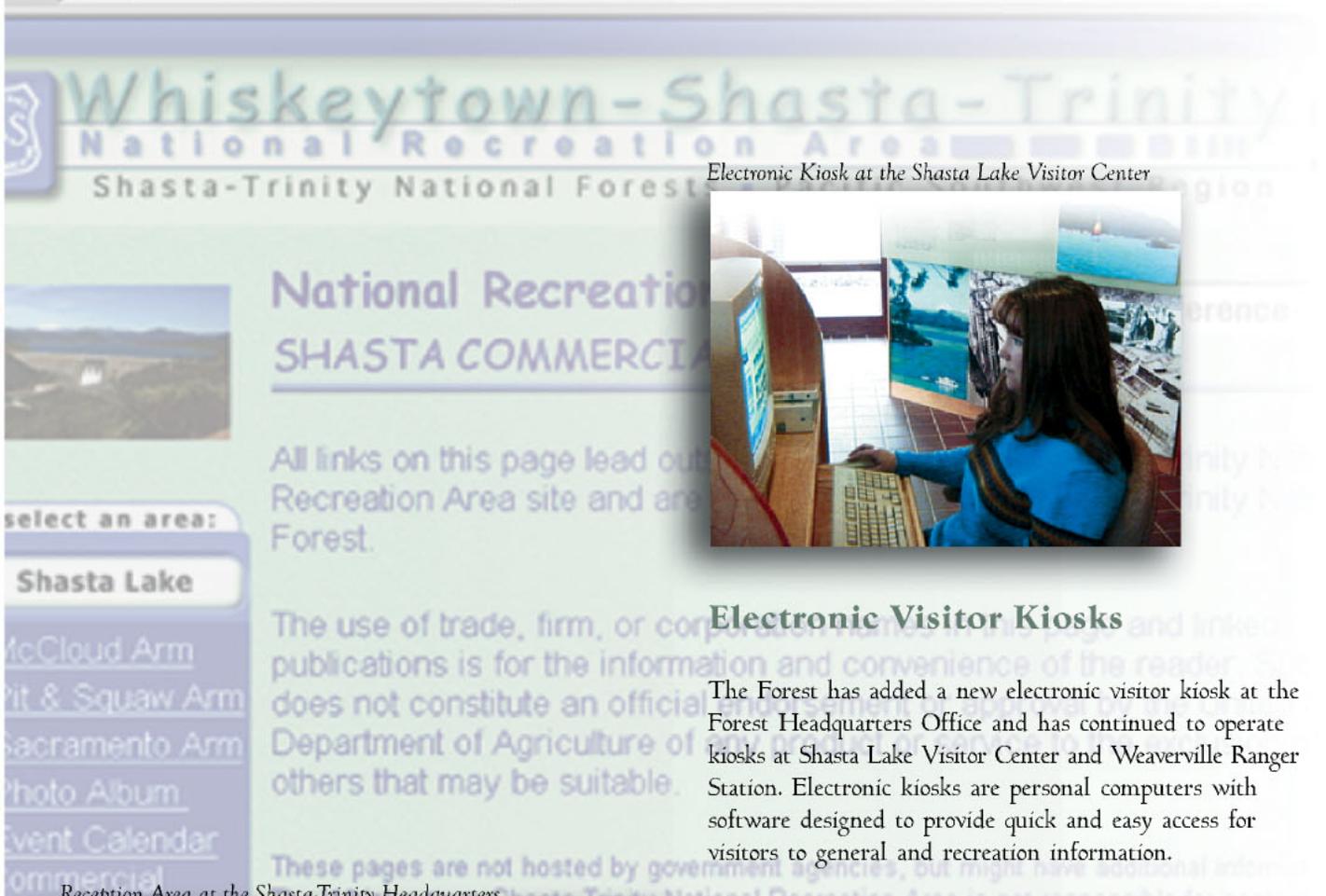
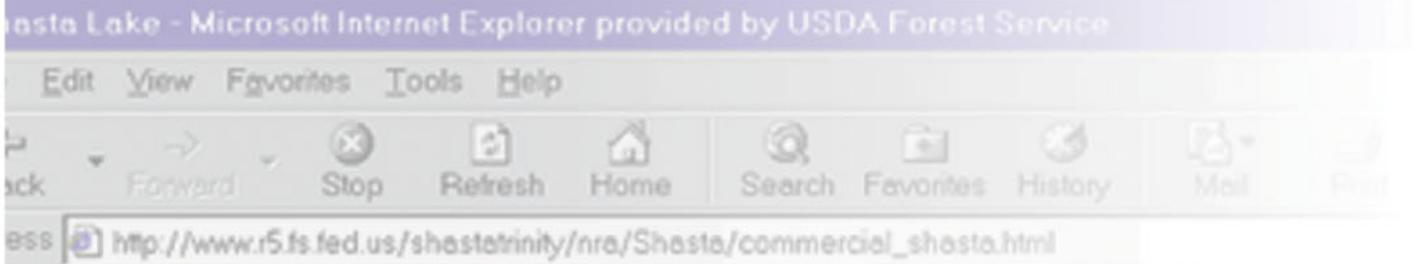
Other accomplishments are increased lake patrols, regular cleaning and maintenance of floating restrooms, additional portable restrooms and dumpsters at shoreline campgrounds, purchase of 100 bear-resistant food lockers, and expanded Visitor Center staffing and hours of operation have been made possible by the fees collected.

Collections total approximately \$883,000. Expenditures in FY 2001 total approximately \$518,000. Funds collected but not spent will be carried over for future projects.

Construction of a log stringer bridge on the South Fork of the Trinity River National Recreation Trail



Recreation Program Enhancement



Electronic Kiosk at the Shasta Lake Visitor Center



Electronic Visitor Kiosks

The Forest has added a new electronic visitor kiosk at the Forest Headquarters Office and has continued to operate kiosks at Shasta Lake Visitor Center and Weaverville Ranger Station. Electronic kiosks are personal computers with software designed to provide quick and easy access for visitors to general and recreation information.

Forest Headquarters Front Office

The lobby of the Forest Headquarters Office was constructed and furnished in the mid 1970s. It had not been remodeled in 25 years.

The remodeling objective was to improve delivery of service to the public. The major improvements include a re-designed Forest map and information center, a public access electronic kiosk, a comfortable waiting area for visitors, and a new work station. The new lobby also meets standards for access for persons with disabilities and provides a higher standard of employee and public safety and security.

The total cost of the project was about \$30,000.

Reception Area at the Shasta-Trinity Headquarters



Workforce in Transition

Overview

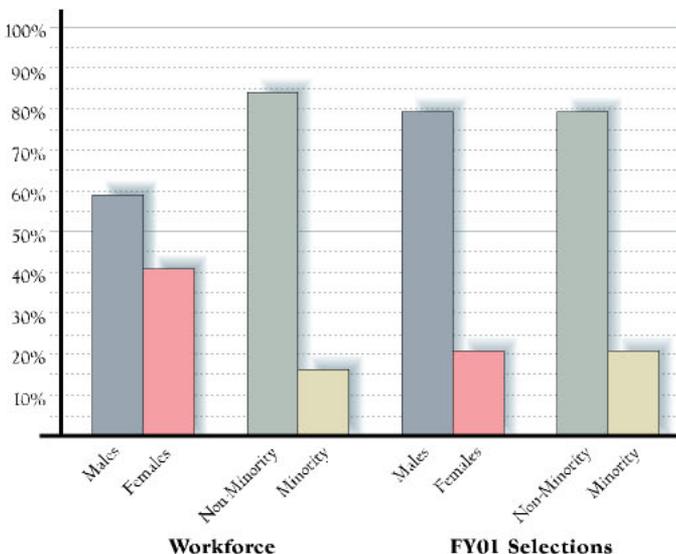
The employees of the Shasta-Trinity National Forest and zoned or shared-service employees who contribute to the accomplishments of the Forest achieved the assigned goals this year while responding to off-Forest wildfires, rehabilitation projects, land and resource planning efforts, and special teams and task forces with a wide variety of objectives.



The Forest implemented a Workforce Management Plan that reflects changes in Forest program emphasis. A Workforce Reduction and Placement System plan (W.R.A.P.S.), designed to implement the new plan was completed by the Forest, approved by the Regional, and Washington Offices, and initiated.

At the same time, an increased national emphasis on fire suppression staffing prompted significant effort in fire hiring. Fifty one positions were filled and required training and physical fitness testing completed. A larger temporary workforce was hired to support this most-efficient level (M.E.L.) of fire staffing and resource readiness.

Shasta-Trinity Workforce Statistics



Safety and Health

The safety and health of Forest visitors and employees is the most important objective of any activity on the Shasta-Trinity. Visitor safety and health has been addressed by the following actions in fiscal year 2001:

- Monitoring / testing of drinking water sources
- Increased garbage collection at Forest sites
- Public restrooms provided and maintained
- Three climbing rangers on Mt. Shasta
- Remodeled the customer service area at the Headquarters Office in Redding
- Forest roads maintained for public access
- Bear resistant food lockers added at public campgrounds
- Federal law enforcement officers and Forest Service officials assigned to patrol the forest and respond to public needs
- Eradication of marijuana planted on the Forest

The Forest Supervisor established a new Forest Safety Program designed to involve all employees in safety projects and accomplishments.

The personal injury frequency rate in safety year 2001 improved from the previous year, and the rate is below the Regional average. The motor vehicle accident frequency rate increased slightly over the previous year, and the rate is at the level of the Regional Average.

On-The-Job Personal Injuries



To improve safe driving practices, the Forest is emphasizing job hazard analysis for driving, safety stand-down to review driving practices, and implementation of a Forest policy on driver authorization and orientation. Training was also provided in defensive driving, winter driving, boat operation, and radio use.

Workforce in Transition

Civil Rights Accomplishments

A Forest Access Plan was completed that lists priority projects to improve access to visitor facilities. Projects completed this year are:

- Trinity River float trip for terminally ill and severely handicapped children
- Initiated installation of handicapped accessible restrooms at campgrounds
- Forest Headquarters reception area and one Ranger Station entrance area were renovated to improve visitor access
- Provided Americans With Disabilities Act training to special-use permit holders
- Added tables at campgrounds that are designed for easier use by mobility-restricted visitors
- Shasta Lake fishing trip for economically disadvantaged youth
- Collaborated with a local community group on boat ramp design and construction for accessible pre-boarding and boat ramp platforms

Forest Service employees maintained an active and collaborative relationship with eight local Indian tribes. These tribal communities are the Pit River, Redding Rancheria, Shasta Nation, Wintu, Nor-Rel-Muk Nation, Tsungwe, Hoopa, and Karuk Tribes. The focus of relationships this year included consultation on resource projects, management of Mt. Shasta with awareness of sacred sites, support and involvement in the collection and transplanting of specific native plants for medicinal use and for protection of the plants within traditional use of sacred areas, and continuing objectives of memoranda of understanding or agreement with several tribes. The Forest initiated a visitor center proposal grant application that includes a Native American traditions room.

The Forest provided economic development, fuels reduction, work, and training opportunities in rural communities through an active grants and agreements program.

- National Fire Plan grants within rural and underserved communities... 11 grants totalling \$632,000
- Rural Community Assistance grants... 7 grants totalling \$654,000
- Rural Community Assistance agreements... 3 projects totalling \$55,240
- California Conservation Corps training program... 6 project agreements totalling \$147,000
- Youth Conservation Corps and learning-disabled Regional Occupational Program Youth... 30 enrollees



Bear Grass is an important plant in Native American culture

National Fire Plan Implementation

National Fire Plan

The focus of the National Fire Plan is managing the impacts of wildfires on communities and the environment. The National Fire Plan includes four key areas:

- sufficient firefighting resources for the future
- restoration of ecosystems damaged by fires
- reduction of future fire risk through fuels reduction
- community assistance

Firefighting Resources

Fifty-one permanent firefighter positions were filled during the hiring effort. This total includes ten entry-level employees that were recruited and selected for the fire apprentice training academy. About 60 temporary firefighters were hired to complete the staffing of wildland fire engines, hand crews, helitack crews, bulldozer operators, fire lookouts, prevention officers, and chief officers.

There was a successful, coordinated effort to provide appropriate equipment, facilities, orientation, and training for all firefighters and the "militia" of employees who assist during wild-fire incidents. The most important objective was to provide direction, example, and training in safety.

Construction of the new Trinity Helitack Base is nearly complete. Design and award of the construction contract was completed for the Burnt Ranch Station. Construction will begin in FY 2002.

Hazardous Fuels Reduction

A total of 3710 acres were treated to reduce hazardous fuel in 27 different projects located across the Forest. Treatment methods included underburns, handpile and burn, mechanical pile and burn, mechanical removal, and hand pruning. These projects were accomplished through a coordinated planning and implementation effort involving Forest employees and by consultation with local citizens, U.S. Fish and Wildlife Service, National Marine Fisheries Service, the State Historic Preservation Office, and several Indian tribes.

Restoration of Ecosystems

Funding of \$529,735 was allocated to the Forest for restoration projects. The Del Norte Civilian Conservation Corps, NWYouth Corps, and Forest Service Employees repaired 38.3 miles of trail in the Trinity Alps Wilderness that were damaged during the Megram Fire in 1999. The Slate Creek, New Dog, and Fender Ferry Roads were damaged during the High Complex Fires in 1999. A contract was awarded to complete 10 miles of road reshaping, rocking, and culvert replacement.

Accountability

Reporting of expenditures and accomplishments were completed on time for all aspects of the National Fire Plan.

Fuels reduction at Shasta lake



National Fire Plan Implementation

Community Assistance

An important part of the National Fire Plan is assistance to communities to ensure adequate protection. During fiscal year 2001, more than \$632,000 was awarded as grants for projects in communities within and adjacent to the Forest. Projects include development of hazardous fuel reduction plans for communities at risk, development of methods to deliver biomass products to market, demonstration projects, technology transfer, market assessment and feasibility studies for biomass utilization, and development of fire safe councils.



J. Sharon Heywood presents a grant check to the California Economic Development District



Secretary of Agriculture, Ann Veneman speaks on a recent visit to Redding

Wildfire Incidents

Oregon Wildfire Incident

A vehicle sparked a wildfire while traveling along Highway 299 west of Weaverville on August 28. Protection of Weaverville and suppression of the rapidly moving fire was led by fire personnel from the California Department of Forestry and Fire Protection. The Forest Service, local counties, Office of Emergency Services and private contractors supplied personnel and equipment for the successful effort.

Nearly 1000 fire personnel, 119 engines, 27 bulldozers, 5 water tankers, 8 helicopters, 8 air tankers, and an air attack plane contained the blaze at 1680 acres. A total of 12 buildings were burned in the fire. The total cost of fire suppression is about \$750,000.

The Oregon Fire erupts west of Weaverville



The Oregon Fire approaches Weaverville



Big Wildfire Incident

A vehicle driving on Highway 299 with a flat tire sparked a wildfire at Skunk Point near the community of Big Flat on June 2. Initial attack was mounted by the Trinity River Management Unit. Northern California Type II Incident Management Team was activated and assumed responsibility for fire suppression.

The strategy selected by Forest Officers and the Incident Team was a combination of direct and indirect fire suppression methods including use of aircraft to provide support to tactical operations and for reconnaissance and slinging supplies and equipment to support mop-up efforts. The final burned area was 800 acres.

The duration of the wildfire incident was four days from ignition until control and turn back of the area to the Forest. The final total cost, including aircraft expense, is about \$1 million. The maximum number of fire personnel assigned was 679 on June 3.



Wildfire Incidents

Helicopter water drop on the Hyampom Incident

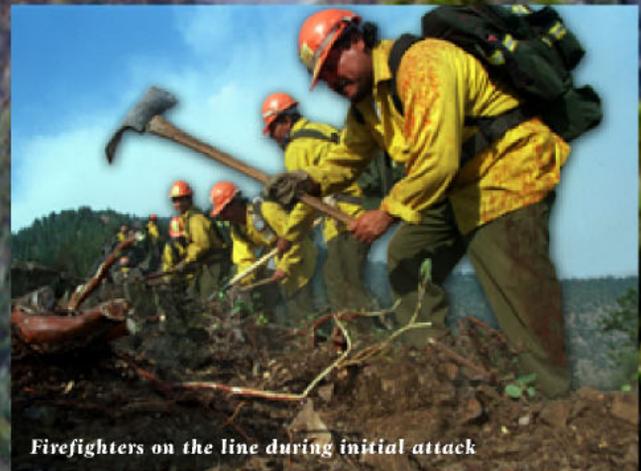
Hyampom Wildfire Incident

An arsonist set a fire about 2.5 miles northwest of Hayfork near the Hyampom Road August 31. Initial attack was mounted by the South Fork Management Unit. Northern California Type II Incident Management Team was activated and assumed responsibility for control of the incident.

The fire was in close proximity to the community of Hayfork in Trinity County. Residential areas on the west and north edges of the community were evacuated by the Trinity County Sheriff's Department. The Red Cross operated an evacuation center at the high school. Community interest in suppression activities was intense because of the potential threat to the community. No structures or improvements were damaged during this fire.

The strategy selected by Forest Officers and documented in the wildfire situation analysis was a combination of direct and indirect fire suppression methods with a projected size of 1000 acres. The final burned area was 1065 acres. The additional acres were relatively small areas where the fire escaped or "slopped over" from the established fire perimeter.

The duration of the wildfire incident was seven days from ignition until control and turn back of the area to the Forest. The final total cost including aircraft expense is about \$4 million. Approximately 150,000 gallons of fire retardant were used in suppression of the fire. Maximum fire personnel assigned was 1736 on September 3.



Firefighters on the line during initial attack

State, Local and Tribal Relationships

National Public Lands Day

The public was invited to participate in National Public Lands Day in September. The Forest hosted two separate activities. The Trinity River Corridor Cleanup involved more than 100 people who participated in river and roadside trash removal and celebrated at the end of the day with a barbeque. The Panther Meadows Adaptations Program included more than 50 people who participated in educational activities focused on plant, animal, and land adaptations.



Arbor Day

Forest employees were directly involved in Arbor Day activities in Shasta County. These activities included educational programs at Turtle Bay Exploration Park, a poster contest, and a millennium tree planting ceremony with elected officials and agency representatives.



Combined Federal Campaign

Shasta-Trinity employees exceeded their own goal to raise a total of \$9,574 in cash and pledges for the Combined Federal Campaign. This represents 106% of the goal and participation by a large number of Forest employees.

Employees are active participants in community organizations and local governments

- 4-H Clubs
- American Cancer Society
- American Legion
- American Red Cross
- Blood Centers of the Pacific
- Boy Scouts of America
- Business and Professional Women
- California Native Plants Society
- City of Redding Planning Commission
- Combined Federal Campaign
- Foothill High School Girl's Soccer
- Girl Scouts of America
- Kiwanis Club
- Lions Club
- Martin Luther King Center
- National Audubon Society
- New Library Now!
- North State Blood Center
- North Valley Catholic Social Service
- Rocky Mountain Elk Foundation
- Rotary International
- Shasta County Board of Supervisors
- Shasta-Trinity Employee Association
- Sierra Club
- Society of American Foresters
- Soroptomist International
- Trinity County Fair
- Turtle Bay Exploration Park
- United Way of Northern California
- Wilderness Society



State, Local and Tribal Relationships

Native Plants Program

The Forest and the Pit River Tribe continued a successful native plant propagation program for the Upper McCloud Falls area. Cuttings of forest carpet, Klamath plum, chokecherry, and Oregon boxwood were collected, potted, and cultivated in the greenhouse at Mt. Shasta Ranger Station. The plants will be outplanted at the best time for long-term survival.



Elected Officials Town Hall Meeting

The Forest presented a successful town hall style meeting with the Shasta County Board of Supervisors; City Council Members from Redding, Anderson, and Shasta Lake; and interested citizens. The focus topic was wildfire recovery and implementation of the National Fire Plan.

Panther Meadows Restoration

National Forest, Upper Sacramento River Exchange, and the Mt. Shasta Bioregional Ecology Center cooperated on restoration projects in Panther Meadows on the flank of Mt. Shasta. Thirty volunteers participated in the project. A member of the Winnemem Wintu Tribe was a featured speaker.

Tribal Consultation

Proactive and extensive consultation was held with tribal representative. Larger project consultation included:

- Modoc Volcanic Scenic Byway
- Ironside Mountain Electronic Site
- Access to Forest archival records
- Mt. Shasta Scenic Byway Discovery Center
- Megram Wildfire Recovery
- Protection for Natural Bridge



Wintu woman grinding acorns

Achieving Fiscal Integrity and Accountability

Financial Oversight

Fiscal integrity and accountability is a high priority. Financial record keeping after conversion to FFIS required a significant cleanup effort the past two years. Work has been focused on accounts payable, accounts receivable, obligations, reimbursement accounts, real and personal property including fleet and computers, and timber sale accounting. The Forest and Northern Province Operation staffs have worked closely to resolve problems during the cleanup effort.

The Forest Financial Management Team and Northern Province Fiscal Team worked with the Special Uses Team to develop a flow chart and adjustment tracking forms to resolve SUDS issues.

A review schedule for external reviews of partner organizations holding agreements with the Forest Service was developed. The first of these reviews was initiated on the agreement between the Shasta-Trinity National Forest and the Watershed Research and Training Center in Hayfork.

Quarterly and monthly financial reviews have been completed and adjustments made in the financial plan and program of work as allocations have been modified during the year.

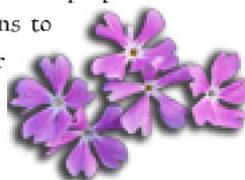
Property Management

An inventory of quarters was started. The inventory includes current occupancy and attributes of Forest residences and barracks. A condition survey will be completed concurrently with the inventory.

Personal property records are current. Real property record keeping meets direction for FY 2001 and the latest Infra Software has been successfully installed. Real property inventories required to be completed in FY 2001 have been completed.

Facility Leasing

The RFP for leased space for the Forest Headquarters Office was issued and proposals have been received. After the terrorist attack on September 11, the security requirements for the facility were reviewed and modified. Amended proposals are expected in late fall 2001. The Forest plans to co-locate with a USDA Service Center for Farm Services Agencies and the PSW Laboratory.



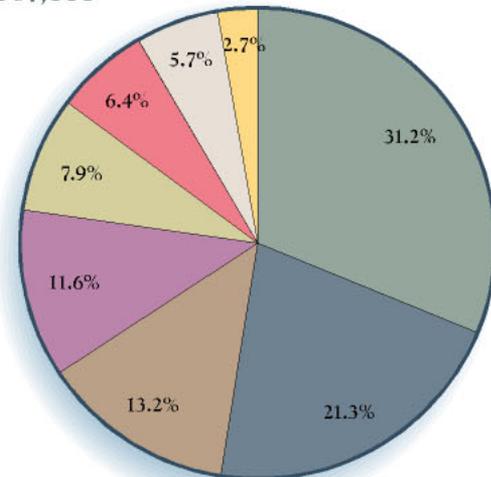
Financial Planning

The Shasta-Trinity is the Region 5 pilot forest for implementation of the new Budget Formulation and Execution System (B.F.E.S.). In addition, the Forest's Financial Management Team worked with the W.O. and R.O. in field testing the system software for B.F.E.S.



The Forest financial planning process successfully links the development, implementation, and monitoring of the annual budget with the Forest Service accounting system (F.F.I.S.) and budget structure. The program of work was developed using a framework that included specific strategic emphasis items and tactical priorities derived from the Forest Land Management Plan and the Forest Service Strategic Plan. The budget and program of work were developed together during the planning process, and monthly progress is evaluated with reference to actual performance reflected in accounting system reports.

Total Available Funds FY 2001
\$49,567,000



Key

- National Forest System
- Fire Protection and Suppression
- Capital Improvement & Maintenance
- Working Capital Funds & Other Appropriations
- Transfer & Reimbursable Programs
- Permanent Appropriations
- Trust Funds
- State & Private Forestry

Government Performance and Results Act Accomplishment Indicators - FY 2001

Project Type	MAR Code	Number	Unit of measure
Healthy and Diverse Aquatic Ecosystems			
Soil and water resource improvements	SW-RES-IMP	114	Acres
Roads decommissioned	RD-DECOMM	23	Miles
Abandoned sites reclaimed	MG-ABAN-SI-R	8	Sites
Healthy Forest and Rangeland Ecosystems			
Hazardous fuels reduction	FP-FUELS-APP	3710	Acres
Forestlands maintained or improved by TSI	SILVA	3476	Acres
Forestlands reforestation	SILVA	709	Acres
Noxious weeds treated	RG-NOX-WD-TR	13	Acres
Non-structural range improvements	RG-N-STR-IMP	2	Acres
Increase Habitat Support Native Species			
Streams restored or enhanced	WL-AF/IF-STR-RE	16	Miles
	WL-TE-AQ-SRE	84	Miles
Lakes restored or enhanced	WL-AF/IF-LAK-RE	350	Acres
	WL-TE-AQ-LRE	250	Acres
Terrestrial wildlife habitat restored/enhanced	WL-THAB-RES	698	Acres
	WL-TE-S-HAB	8035	Acres
T & E Species recovery actions	WL-CON-TE	1	Actions
Sensitive Species conservation actions	WL-CON-S	2	Actions
Improved Urban Environments and Healthy Rural Communities			
Roads reconstructed	CR-RD-RECONS	7.9	Miles

Forest Leadership

Forest Supervisor.....	J. Sharon Heywood
Deputy Forest Supervisor.....	Jim Peña
Forest Staff Officer, Administration.....	Kathleen Jordan
Forest Staff Officer, Ecosystem Management.....	Jim Harvey
Forest Staff Officer, Public Uses and Fire.....	Ken Showalter
Forest Staff Officer, Engineering.....	John Heibel
District Ranger, Trinity River.....	Joyce Andersen
District Ranger, South Fork.....	Donna Harmon
District Ranger, Shasta-McCloud.....	Bob Hammond
District Ranger, National Recreation Area.....	Kristy Cottini

Report Editor: Kathleen Jordan
Report Design: Ken DeCamp



Shasta-Trinity National Forest
2400 Washington Avenue
Redding, California, 96001
(530) 244-2978 (voice)
(530) 242-2237 (TDD)
www.r5.fs.fed.us/shastatrinity