



VOL. 30 NO. 2

LONG AFTER SUMMER 2019

# LOOKOUT NETWORK

THE QUARTERLY PUBLICATION OF THE FOREST FIRE LOOKOUT ASSOCIATION, INC.



- *Restorations Galore!*
- *New Tower in New York*
- *Lightning Strike Burns Historic Yellowstone Lookout*

[www.firelookout.org](http://www.firelookout.org)



# ON THE LOOKOUT

From the  
**National Chairman**  
**Keith A. Argow**  
Vienna, Virginia



## THE DIVISIONS THAT UNITE US

### All Lookouts Are Local

The Board of Directors recently approved a name change from Chapter to Division for six of our largest FFLA chapters which have a one or more local chapters. Two of those local chapters are in the Southern California Chapter, now the Southern California Division. Members of the San Diego-Riverside Chapter (formerly local chapter) have scored some big accomplishments for the mission of FFLA. They have 1) provided three Directors to the FFLA national board: Bill Luedeke—California Sierra-Nevada Division, Bill Ulmer—California Pacific Division and Scott McClintock—California Southern Division. 2) They have provided the leadership for a second “local” chapter which is already the fifth largest FFLA chapter in the U.S. In addition, 3) they are staffing two fire lookouts seven days a week: Boucher Hill in the Palomar Mountain State Park and High Point Lookout nearby on the Cleveland National Forest

Significantly, Boucher Hill appears to be among of the most visited active lookouts in America. In 2019 they recorded 10,673 visits up the tower, with an additional several thousand people who looked at the interpretive displays on the new visitor platform at the base. On busy weekends and holidays, chapter members serve as docents to interpret the historic structure and control the flow of visitors to the top floor cab so as not to distract from the primary purpose of fire detection. Many of these volunteer observers can see their own neighborhoods and sometimes their own homes!

A second reason for the former local chapter’s success is that all of them live in Southern California which is among most fire prone regions in America. These catastrophic wildfires are big news and people are drawn to this opportunity to give back with a contribution to society. As recently as 2003 the Cedar Fire burned 273,246 acres, killing 15 people and burning 2,200 homes to the ground. Just four years later in 2007 the combined Witch-Poomacha-Guejito Fire Complex forced the evacuation of 500,000 people from 346,000 homes in San Diego County and very nearly burned Boucher Hill Lookout which at the time was in the process of being restored. Both of these huge fires were within the seen area.

An additional driving force for the San Diego-Riverside Chapter is restoring historic lookouts, and then staffing them. The recently organized Monterey Chapter in Southern California has focused on the restoration and staffing of Chews Ridge Lookout in the Los Padres National Forest with the goal of maintaining and possibly staffing the remote

and spectacularly located Cone Peak Lookout to the north. Since May 26, Scott McClintock has recruited and trained 56 members of the Monterey Chapter, FFLA’s newest and already our fifth largest chapter. Scott notes that the active members of the local Ventana Wilderness Alliance were “easy pickings” for FFLA membership. An alert marketer, Scott reached out to local newspapers whose stories about Chews Ridge Lookout and the admired Ventana Wilderness in the Los Padres National Forest netted additional members.

In all, six FFLA Chapters with “local chapters” have been designated as Divisions, but remaining with one Director on the Board. These include California South, California Sierra-Nevada, California Pacific, California North, Oregon, and North Idaho-Montana. Both Western and Eastern Washington Chapters have some local representatives and programs, but they may or may not evolve into chapters.

In addition to streamlining our association and giving more visibility to emerging projects, the use of the term Division will alleviate the awkwardness in explaining the difference between chapters and local-chapters in our association’s structure, especially to the news media. When FFLA was organized in Pennsylvania 30 years ago the founders determined that one chapter per state made sense, and it did for 22 years. Now fast forward to 2020 and the majority of our members and the largest number of standing lookouts needing our support are on the West Coast (including Idaho and Montana). At the board meeting at the western conference in October, Shane Harris, chair of the co-host San Diego-Riverside local chapter, suggested the change for the good reasons I have discussed. Since they be the “Big Kahuna” of the FFLA right now, we thought this to be a very reasonable request. And so it came to pass.

Keith A. Argow  
CEO/Chairman of the Board  
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**LOOKOUT NETWORK** (ISSN 2154-4417), is published quarterly by the Forest Fire Lookout Association, Inc., Keith Argow, Publisher, 374 Maple Ave E, Ste 310, Vienna, VA 22180. Subscription: \$15.00 per year, included in annual Forest Fire Lookout Association membership dues. Non-profit postage paid at Canton, OH and at additional mailing offices.

**POSTMASTER:** Please send address changes to Forest Fire Lookout Association, 2590 W Versailles Dr, Coeur d’Alene, ID 83815-8127.

**Subscribers:** Please send us your old address as well as your new address when you move. The Postal Service will not forward your newsletter unless you guarantee forwarding postage with your post office.

**DEADLINE FOR NEXT ISSUE:**  
**March 15, 2020**

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# FFLA News

## 2020 Western Conference

Plans are underway for the 2020 Western Conference to be hosted by Howard Verschoor and the Oregon Chapter at the Klamath Falls Fairgrounds September 25-26. Watch for details as they develop.

## Director Contact Updates

New York Director Laurie Rankin and her husband Tom have moved, following his retirement. Their new postal address is 129 View Rd, Bloomville, NY 13739. Laurie's cell and email contacts are unchanged.

California-Pacific Director Bill Ulmer has been dealing with email issues; his current [wwulmer@gmail.com](mailto:wwulmer@gmail.com) is his only valid email. Others previously used ([wwulmer@yahoo.com](mailto:wwulmer@yahoo.com) and [1941wwu@gmail.com](mailto:1941wwu@gmail.com)) have been abandoned.

## FFLA Restoration Grants

### Skookum Butte Lookout Rehabilitation

The first FFLA Restoration Grant of 2019 has been awarded to the Lolo National Forest for the rehabilitation of Skookum Butte Lookout on the Missoula Ranger District. The \$500 grant will help to purchase a variety of supplies and materials necessary for the project; some of which are: shiplap for shutter reconstruction, subfloor, and roof sheathing, window glass, and maple flooring.

The lookout, built in 1928, is a rare log/frame lookout, one of only three of that design known to remain. Phase I of the multi-year project occurred July 9-18 (see p. 8) with a Passport in Time project, overseen by the Region One Historic Preservation Team and the Lolo NF Heritage Program. Support also came from the Missoula Chapter of the Backcountry Horsemen. The project is partially funded through the Region One Heritage Stewardship Enhancement program.

FFLA SHPO Liaison Kyle Stetler and FFLA member Libby Langston have been instrumental in providing support to initiate the project; the project leader is Lolo NF East Zone Archaeologist (and FFLA Member) Sydney Bacon.

### Grave Peak Lookout Restoration

The second FFLA Restoration Grant of 2019 was awarded to the NezPerce-Clearwater National Forest for the restoration of Grave Peak Lookout on the Powell Ranger District. The \$500 grant was matched by the North Idaho-Montana Chapter and used to purchase cedar shingles for the project. The first phase of the multi-year project took place July 13-23 (see p. 9).

The D-6 cupola lookout, built in 1924, is eligible for nomination to the NRHP. It is the last standing D-6 lookout in Idaho. The lookout has not been staffed since the 1960s and maintenance has not occurred on any regular basis. In 1998, FFLA member Dick Gilman built and installed new window shutters; this helped to protect the structure from the harsh environmental conditions on the 8,282-foot peak. In addition to the roof replacement, planned future preservation work includes repair/replacement of both the main floor and the cupola floor, repair and priming and painting of window frames, replacement of broken window panes, and re-glazing of all windows. The 1998 window shutters will be primed and painted. The existing siding and door will be repaired where necessary, primed and painted.

Flathead NF Lead Lookout (and FFLA Member) Leif Haugen is the project work leader.

## Ossipee Hill Fire Tower Stabilization

The third FFLA Restoration Grant of 2019 was awarded for the stabilization of the Ossipee Hill Fire Tower. The \$500 grant was to be used for materials for effort targeting repairs on the wooden superstructure. There are some braces and cross members that are cracked and/or rotted that will be replaced. Associated hardware, such as large bolts, washers, and nuts will also be replaced. Financial contributors to this effort will be solely FFLA; work was to be done by a small group of FFLA members (see Vol. 30 No. 2 p. 10). This stabilization is important to eliminate weak structural issues that could allow the lookout to sway, tip, or even collapse. FFLA Maine Director Bill Cobb has been involved in the project.

## Boucher Hill Emergency Grant

An FFLA Stabilization Grant was awarded to the San Diego Riverside Chapter to provide emergency repairs at Boucher Hill Lookout for water intrusion repair in the siding and around the windows. The \$300 grant was supplemented by Southern California chapter funds. Director Scott McClintock was involved with the project.

## NEW! FFLA Challenge Coins

### Two Coins Available Soon

The latest addition to the FFLA Store will be challenge coins. Two designs of the 1.5-inch diameter collectible coins will be available; in addition to a traditional FFLA design, a special FFLA 30th Anniversary design will be available for a limited time. The coins were initially expected to be available by early March, but have been delayed. Watch the FFLA website, facebook page, or firelookout group (<https://groups.io/g/firelookout>) for updated availability. When available, the coins will sell for \$10.00 each or \$17.00 for the pair (prices include shipping); discounts will be available for multiple quantities.



# NHLR

## Look Out for Next Quarter!

Only three listings came in during the summer quarter, but watch for the next quarter (next issue) when a record number of lookouts were listed. The new listings are:

**NHLR #1303 TN #43 Smyrna (Evensville) Lookout**

**NHLR #1304 MN #14 Black Bay Lookout Tower**

**NHLR #1305 CA #128 Mount Diablo Lookout**

To nominate a lookout, go to: <http://nhlr.org/nominate/>.

The National Historic Lookout Register is a project of the American Resources Group(R), 374 Maple Avenue East, Suite 310, Vienna, VA 22180, (703) 255-2700, [www.american-resources.org](http://www.american-resources.org)



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# The Spyglass Saga

## Eight Years Later, Ready to Rent

After eight long and sometimes frustrating years, the Spyglass restoration project has been completed and the ground-house lookout is now in the Forest Service Cabin Rental Program. The project was a partnership between Lutherhaven Ministries, the Idaho Panhandle National Forests, and the FFLA. In a bittersweet conclusion, the 1930 gable L-4 ground house has been beautifully restored, but the 1950 53-foot L-4 tower has been relegated to being a skeleton, with only the tower framework remaining.

The ground house began its life as the lookout on McDonald Peak. In 1944, it was skidded up to Spyglass from Magee Ranger Station to replace an earlier log cabin as the living quarters for an L-6 tower. Sometime after the new live-in lookout tower was constructed in 1950, the L-4 ground house was converted to storage by removing the windows and covering the outside with siding and the inside with plywood.

With no success in getting interest in restoration from the agency for over a decade, and several district officials adamant that the tower needed to be removed, cracks began developing to that stance around 2009 and the stars finally aligned in 2011 when Lutherhaven Executive Director Bob Baker and FFLA's Gary Weber met with IPNF Forest Archaeologist Steve Matz and Coeur d'Alene River District Recreation Planner Claire Pitner, who both enthusiastically supported the idea of restoration at Spyglass with the potential of adding the site to the cabin rental program. After Lutherhaven received a \$20,000 grant for the project from the Inland Northwest Community Foundation that year, site assessments, planning, and formalizing the Challenge Cost Share partnership agreement followed.

By the time work actually began in

2012, Matz had left the Forest Service, but was hired as an advisor to provide the heritage services. Lutherhaven Ministries' Idaho Servant Adventures youth crews and district employees, led by Maintenance Specialist Fred Simmet, spent three weeks at the site in July. Their most noticeable accomplishments were the placing of new timbers underneath the ground house and leveling it, the removal of old siding, flooring, and roofing, the removal of trees from under the tower, and general site cleanup. In September of that year, Simmet and FFLA volunteers installed the subflooring, replaced a corner post, added temporary support bracing, removed shiplap and shakes from the roof, and covered the entire roof temporarily with plywood and plastic, buttoning it up for the winter.

An engineering assessment of tower showed that the tower was generally in fair condition and absolutely could be repaired and restored. But, with about half of the horizontal and diagonal bracing needing to be replaced and the southwest cornerpost of the cab appearing to be the only thing supporting part of the roof, forest officials said all access to the cab (and any stabilization work) would be prohibited until the structural work on the tower was done by a licensed contractor (for which there was no current or anticipated future funding). The use of skilled volunteers, following the original plans, was rejected. At least one involved in that decision had previously made no qualms over his goal of reducing the number of facilities on the forest, a nationwide trend at the time within the Forest Service.

Work continued in 2013, coordinated by Claire and led again by Fred, with Lutherhaven's Maintenance Leader from Shoshone Base Camp, Ralph Krueger, new zone Archaeologist Bruce Gibson, and a lot of help provided by Lutherhaven's Camp Director Clint Kunze and their youth crews, FFLA volunteers, district employees, and the Region 1 Historic Preservation Team. At times, it was one step forward and two backward for the project. Given the

history of the building, that it had been skidded on logs to the site, then later converted to a storage facility, it was not totally unexpected that "things" kept popping up - the entire building being "out of square" and original construction not quite matching the plans - requiring frequent stops, head-scratching, and re-examining the original drawings before moving forward.

After everything was buttoned up for the 2013 season, a glance from the outside failed to reflect what had actually been accomplished. Corner and door posts and cripple studs in the lower walls all had to be taken care of before window sill plates could be replaced and windows installed. Three sides were done, while the fourth was awaiting "adjustments". Initial plans were to replace about half of the rafters and ceiling joists, but in the end, all of the rafters had to be replaced, as did all but two ceiling joists. Once the rafters and joists were in place and squared up, the loft, roof sheathing, and interior bracing were replaced, and finally the ice-rain shield put on.



By 2014, Pitner had taken a new job in Oregon and district coordination fell to her supervisor, Recreation Staff Barb Hansen. Duties of their "regular" jobs pressed Simmet and Krueger for time, but work still progressed nicely; a crew of retired smokejumpers had nearly finished the cedar shake roof, a wall had been rebuilt and squared up, the gable ends nearly completed, and siding installed on three sides. All expectations were that the ground house would be completed by the end of the season.

Meanwhile, up top was a different story; with FFLA and Lutherhaven partners specifically forbidden from being on the tower by forest engineering staff, there was no option for stabilizing the deteriorating cab, basically assuring a future collapse. A July 23 windstorm twisted the cab to the point that that one had to wonder why it hadn't collapsed. An on-site assessment that it was still safe to continue work on the ground house, 90 feet away, was overruled by



engineering and safety staff members in town. Forest Service funding was then found to contract for the cab removal; the site was then closed to entry until this took place in mid-September, putting an end to work on the ground cab, other than a small team buttoning it up for the season later that month.

It was initially thought that lowering the cab to the ground would present an opportunity to restore it and have it lifted back up on the tower, but during a meeting in the spring of 2015, it was announced by the forest that restoration of the tower was “off the table”, for various reasons, but staff was open to other options for the cab. It was still expected that restoration of the ground cab would be completed that season, but an intense fire season changed that; the only activity at the site for the year was the precautionary wrapping of the ground house with fire shelter wrap.

After most of two years effectively wasted, and without the enthusiasm of someone like Claire, the project simply never got going again in 2016. Late in September, Weber and Hansen made a trip to evaluate options for the cab from the tower, at which time it was learned that the district and forest had no real interest in restoring it, clearance had been gotten from SHPO to dispose of it, and engineering had it on their program of work for the following season. Following that, Barb arranged for approval for Gary to salvage parts of the roof and walls of the cab; he began right away that November and finished the following June shortly before a contractor began removing the remains.

As 2017 began, Lutherhaven staff and Hansen led the charge to finish up the project. Simmet was only available to deliver materials and supplies, and Krueger was no longer with Lutherhaven, so there was no real transition to provide continuity for the work that stopped three years prior. But, Lutherhaven staff, youth crews, and skilled volunteers jumped in during



mid-July and ran with the project; Lutherhaven Facilities Manager Steve Meyer finished the roof, and after the first volunteer weekend, the exterior was all but done and a flag was flying above the cabin for probably the first time since the 1950s!



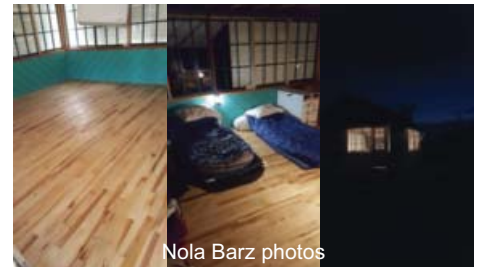
Next was the lightning protection, contracted with FFLA member Mike Kuefler's KLP, Inc. and installed in early August, with Lutherhaven and district crews finishing the trench and burial of the ground leads. Painting and other tasks continued throughout the month.



Lutherhaven volunteers Tim and Nola Barz and a flooring installer pal, Mike, had an extremely productive weekend late in August, getting the flooring in, the shutter brackets up, and sheathing two of the interior walls.



During the weekend, they were visited by 1964 Spyglass lookouts Jim and Frances Irwin, who shared some great stories of their experiences there. Two weeks later, after Baker had put down the first seal coat on the floor, the Barzes returned to finish the interior



Nola Barz photos

walls, apply a second coat to the floor, and likely were the first to have slept in the lookout in 60+ years!

Bob and Steve expected to be the last volunteer crew of the season when they went up in a snowstorm to install the woodstove on October 20th, but Gary bested them with a trip on a gorgeous blue sky day (cover photo) on the 28th to do the final install of the shutter struts, leaving the lookout almost finished, with only miscellaneous minor tasks to be finished and the furniture to be installed. A very good year!

The Barzes returned in August of 2018 for another productive weekend, finishing most of the odds and ends; district crews took care of others. Lutherhaven put together furnishings, including a 1935 homemade kitchen table and chairs dating from 1940s FS ranger stations. Final tweaks were made



in the spring of 2019, and by July 1, the project was considered complete!

Barb Hansen retired from the Forest Service before seeing Spyglass approved for the cabin rental program, but her efforts have paid off and the bureaucratic process has been completed; Spyglass is now available thru [recreation.gov](http://recreation.gov). All that remains is a tree thinning project, to re-establish the historic views from the peak ... and to make repairs to the stove pipe, which keeps getting shorn off by heavy snows and winter winds. There's always something at these historic lookouts!



# One Less Tower in Florida, One More in New York

## Venetia becomes Upper Esopus

The Venetia Fire Tower stood for decades on Florida's West Coast. It is estimated that the 80-foot Aermotor MC-39 tower was built in the mid- to late-1940s, on a remote site south of Venice, with only a few scattered farm houses nearby. This changed over the coming years, until in the 1970s when, becoming surrounded by developments, it was decommissioned. In 2005, the Florida Division of Forestry (now the Florida Forest Service) sold the property, including the tower. When visited in 2009 by the FFLA delegation before the January board meeting in Bradenton, the tower appeared to still be in good condition, standing alongside the very busy State Route 776 and surrounded by residences.



In early 2016, David Vana (Davana LLC, Fire Tower Restoration) responded to an on-line ad for the tower and bought it for \$1,000. It turned out to be in near-perfect condition, other than a cab full of bees! Initially, it was to come down as soon as possible, as a developer had plans for the site, but Dave was able to leave it standing until he found a home for it – three years later.

Over 1,000 miles north, New York Governor Cuomo's Adventure NY initiative to connect New Yorkers with the outdoors led to the decision to add an historic-style fire tower to the amenities at the NYS DEC's Maurice D Hinchey Catskills Visitor Center (CVC) in Mt. Tremper. CVC serves as a gateway for people to learn about the opportunities to enjoy the great outdoors in the 700,000-acre Catskill Park.

In early 2019, DEC awarded a contract for the construction of the tower to Vana's company, which worked well, since he just happened to have a suitable tower available!

Dave and his crew dismantled the Venetia tower in March, 2019 and



hauled it to his base of operations in Bloomingdale, New York, where he reconditioned it, replaced necessary parts, sandblasted the entire structure to remove the original galvanized coating and restore the steel to its original form, and applied a new hot-dip galvanized coating. Even after 70+ years, the original galvanizing still looked great and showed minimal signs of corrosion, but a new hot-dip galvanized coating had been specified since analysis has proven that hot-dip galvanized steel provides decades of maintenance free service as opposed to a paint coating.



welded wire stair screening. In addition, DEC staff constructed a nature trail around the tower and a kiosk at the base of the tower with information about all of the Catskill Fire Towers.



On October 3rd, with less than ideal weather, the dedication and ribbon-cutting ceremony was held for



the Upper Esopus Fire Tower, New York's newest, led by DEC Regional Director Kelly Turturro. The ceremony was followed by the opportunity to climb the tower, where the cab includes a map table and alidade, but there was little view to be seen in the day's weather. The tower normally offers a view of the Upper Esopus Valley and allows visitors to see and experience a fire tower without undertaking a challenging hike.



# Squaw Peak Lookout Ready to Rent

By Cheryl Hill

Oregon's newest lookout rental became available for visitors this past year. The Squaw Peak Lookout is an L-4 ground cabin that was built in 1943 and sits at 4,964' in the Siskiyou, just five air miles from the California border. It is one of five lookouts available to rent in the Rogue River-Siskiyou National Forest, along with Snow Camp Mountain, Lake of the Woods, Bald Knob, and Bolan Mountain.



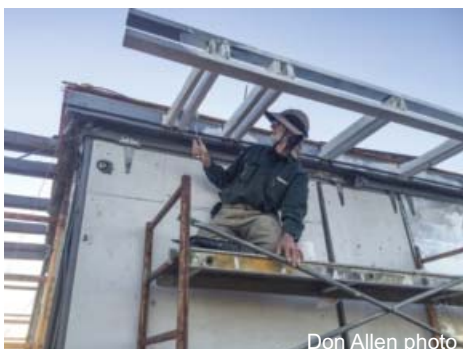
Cheryl Hill photo

Before the lookout could be rented, the roof needed attention, especially the fiberglass insulation that had been ruined by rodents. "We donned respirators, Tyvek suits, rubber gloves, and bagged no less than thirteen 40-gallon garbage bags filled with urine-soaked insulation and mouse droppings," said Don Allen of the Sand Mountain Society, a volunteer-based non-profit that helps to restore lookouts.



Don Allen photo

Don made about 13 trips to the lookout during the summer of 2016, donating close to 500 hours of labor. He and his fellow volunteers also scavenged recycled shiplap siding and replaced bad boards. Bill Joy (pictured above and below) donated 355 hours of



Don Allen photo

expert labor. "Bill Joy is the quietest and most generous volunteer I've ever known," said Allen. "For 30 years he has been my companion on projects like this, and he was 'the man' at Squaw Peak."

"Without the Sand Mountain Society's help it would have taken a lot longer," said Brian Long, Recreation Program Manager for the Siskiyou Mountains and Wild Rivers Ranger Districts. "I can't thank them enough. It was a fantastic partnership."

Future plans may include replacing the shutters, replacing the door, installing a bed or cot, and working on the deck. "With all the rental fees that we are now collecting we'll be able to do more work" Long said.

The lookout is accessed via a steep mile-long gravel road. Unlike most other rentals this one is light on amenities – at least for now – with no bed, stove, or heat source. The firefinder is still in place, and what the lookout lacks in furniture it more than makes up for in



Cheryl Hill photo

views, which stretch out over the Siskiyou in all directions, from the Red Buttes Wilderness to the southwest, to Dutchman Peak to the east (which has its own historic 1927 cupola lookout). Light pollution is minimal and the stargazing is fantastic.

Squaw Peak is available to rent from late May to early September for \$65 a night. Visit [recreation.gov](https://www.recreation.gov) to make your reservation up to six months in advance.

FFLA member Cheryl Hill is the author of [Fire Lookouts of Oregon](#).

## Black Butte Restoration

The Friends of the Metolius and other volunteers have restored the 97-year old D-6 cupola lookout atop Black Butte, near Sisters, Oregon.

Initial efforts to restore the lookout began under the direction of former Sisters Ranger District archeologist Matt Mawhirter. Over the years, cedar shingles, windowpanes, and other

materials were hauled to the top for patching up the old D-6 cupola lookout, but the elements have been hard on it.

Black Butte Lookout was one of many of the design that was meant to become a standard for fire lookouts throughout the Pacific Northwest back in the day. But now it is one of only three unaltered original D-6 lookouts left in the Pacific Northwest at original locations. Two other lookouts followed the D-6 at Black Butte. An 82-foot L-6 tower was constructed in 1934; it was eventually condemned and fell over. The current 65-foot tower was constructed in 1995 and remains an active lookout during fire season.

Retired contractor and volunteer Lanny Schreiner oversaw the work with support from district Archaeologist (and FFLA member) Mike Boero and members the Friends group. He made the almost daily trek to the summit, even rolling a power generator to the summit by wheelbarrow to charge power tools, working through the sometimes hot, sometimes wet, and sometimes cold days of September.

The condition of the building was deteriorated but not beyond repair. Water leakage was the main culprit; siding and flooring were damaged and ground squirrels had chewed their way through interior walls. Years of relentless winds and winter snowdrifts had nearly pushed the entire structure off its foundation. Winds had stripped the cupola of its shingles making it easy for rain and snow melt to seep inside.

Volunteers removed old siding and other deteriorated elements from the building.

New flooring, shingles, siding and trim-work were installed and the building has a fresh paint job to go with it. New footings were also poured to get the lookout back onto a sturdy foundation.



Members of the Friends of the Metolius raised money to fund the restoration; the project wouldn't have been possible without their dedication and the effort from all the volunteers.

Plans are to finish the restoration in phase two of the project in 2020, when the interior will be renovated so that it is ready for public viewing.

For more information and photos, see the Friends of the Metolius website, <https://www.metoliusfriends.org/>.

# Skookum Butte Lookout Restoration

Skookum Butte Lookout is located at the Montana/Idaho Stateline on the Missoula Ranger District of the Lolo National Forest. A \$20,000 in Heritage Stewardship Enhancement (HSE) money was awarded in order to initiate the process of restoring this unique 'Grange Hall', or L-5 style lookout.



Several partners; including Passport in Time (PIT) volunteers, Forest Fire Lookout Association (FFLA), the Missoula Chapter of Backcountry Horsemen (BCH) and the Region One Historic Preservation Team completed the first successful rehabilitation project at the lookout.

Prior to project onset, Missoula RD Recreation staff located several standing lodgepole pine matching the dimensions needed to replace the deteriorated logs forming the lookout's base. The Missoula Helitack Crew delivered the logs to the trailhead/staging area and hauled the logs, two at a time via helicopter, right outside the front door. They also delivered 80 gallons of drinking water to the site.

From July 8-19, 2019, Jack Poppen of the R1 Preservation Team provided project oversight with assistance from recently retired FS employee Doug Hunt while Lolo NF Archaeologist Sydney Bacon assisted in coordination and administration.



PIT volunteers hailed from Oregon, Washington and Colorado and donated a total of 604 hours during the project which, when valued at the standard

Federal rate of \$24.69 per hour, resulted in a labor contribution of \$14,913!

Work accomplished during the two weeks focused on replacing nine of the 10 logs on both the south (front) and west sides of the lookout. These two sides had received the brunt of 91 years of weathering and were in the worst shape. A makeshift workspace was set up using the lookout's shutters, creating the only even surface on site. Logs were peeled using drawknives, and the



top and bottoms were trimmed using a single bit axe and broad axe. The occasional power tool was used in a pinch. Although we were thankful the logs were not coped like Big Hole Peak Lookout, considerable time was spent measuring the logs and hand-hewing them to match closely with the logs that were replaced. The logs were attached at either end by mortise and tenons into the corner post, not very common to lookouts; and work had to be thought out from the top log down.

Missoula BCH hauled all 19 windows down on their pack mules as well as brought up all the plywood needed to cover the openings. The windows are scheduled for rehabilitation over the winter at the R1 Preservation Team's shop.



FS Retiree and seasoned cook Byron Williams had plenty of water, cooking space and mosquitoes to keep him company at the Skookum Butte Lookout Trailhead. His meals were a delicious treat at the end of a long work

day and steep hike back down to camp.

Several visitors came during the project including Forest Supervisor Carolyn Upton, Staff Officer Greg Gustina, Missoula District Ranger Jen Hensiek, Public Affairs Officer Kate Jerman, the entire Missoula Ranger District Recreation staff, six Grants and Agreements staff members and a handful of other forest employees. Reporters from the Missoulian Newspaper and online media forum The Missoula Current paid a visit and provided accurate and encouraging stories about the work conducted during the week. A few passionate retirees interested in the restoration work paid a visit, including former Forest Archaeologist Milo McLeod, and former Fire Prevention Officer (and lookout fanatic) Libby Langston.

Aside from the HSE funding and PIT volunteer force, the success in planning and executing this undertaking was due to Jack Poppen and Doug Hunt's expert skills and patience and willingness to pass their knowledge on to the volunteers working on site.



It is likely that the project will take three years to complete. For FY2020, Phase II of the Skookum Butte Lookout Rehabilitation is proposed with continued support from HSE funding, PIT, FFLA, and Missoula BCH.

The lookout restored to its historic appearance may, upon completion, become a candidate for the Lolo NF Cabin Rental Program. **Sydney Bacon**





# Grave Peak Lookout Preservation

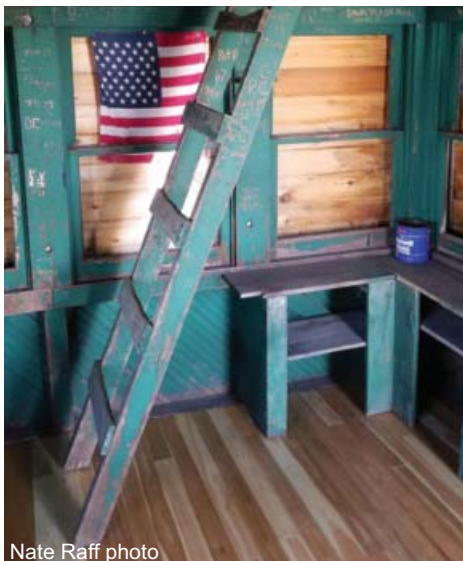
Grave Peak, an awe-inspiring lookout and surrounding high elevation landscape is located around five miles northwest of Elk Summit Guard Station and eight miles south of Powell Ranger Station within the Selway-Bitterroot Wilderness of Idaho.

The only way to access the historic 1924 lookout is by hiking or riding horseback approximately five miles by trail with an almost 2,000' gain in elevation. Last summer, just as the original builders of the lookout had done, a group of volunteers, Forest Service employees, interns and leaders from the Selway-Bitterroot Frank Church Foundation as well as a volunteers and high school students from Iowa made the trek to Grave Peak. Mules were used to pack shingles, flooring and other materials from the trailhead to Friday Pass. There is no place to turn a mule around at the peak, so the materials were taken the remaining distance in backpacks. A whopping thirty-eight loads were packed on the backs of people to the peak.



Emma Froelich, Anna Bengtson, Connor Adams, Kris Mueller (Connor Adams photo)

Leif Haugen, from the Flathead National Forest, specializes in the restoration of historic lookouts and led the preservation work to ensure the historic integrity of the lookout was maintained. All the materials used



Nate Raff photo

replicated the original and all work was completed using hand tools. The wood cedar shingle roof and hardwood flooring were replaced. This along with a reconstructed door will keep out the harsh weather that the structure endures throughout the year. Next summer windows and shutters will be repaired and the lookout will get a new coat of paint.

During the project interesting clues were uncovered as to the original lookout construction. Hand written numbers on roof sheathing boards indicated the order for placement on the roof, from what was presumably a lookout kit. Another discovery was an old shipping-crate board for the Osborne Fire-Finder. It was stamped Leopold, Volpel & Co., Portland, Oregon. Every crate, board, etc. packed to the lookout was needed in its construction.



Nate Raff photo

The Forest Fire Lookout Association (FFLA) donated the wood shingles for the roof. The project would not have been possible without their contributions and the large volunteer partnership effort. A great deal of good old-fashioned hard work and sweat equity went into the project. Thank you to everyone involved for helping to preserve this special and unique historic lookout! **Cindy Schacher, Archaeologist**



Leif Haugen photo

# Mount Harkness Restoration

Lassen Volcanic National Park's active fire lookout received some TLC during two week-long sessions of the HistoriCorps project in September.

The goal of the project was to preserve the lookout. After making the 1.5 mile hike each day from camp at Juniper Lake (in a variety of weather conditions), volunteers worked alongside HistoriCorps expert field staff



learning the skills necessary to accomplish this significant preservation project. Accomplishments included removing and repointing failing mortar, replacing deteriorated catwalk boards, and repairing deteriorated window trim, door frame and door jamb.

# Monument Peak Revitalized

Outdoor outfitter Filson worked with the National Forest Foundation and the Helena-Lewis and Clark NF to restore Monument Peak Lookout. Built in 1936, the lookout was initially perched atop a 50-foot pole tower until lowered to the ground in 1999, restored and placed in the cabin rental program in 2005.



By 2019, the lookout again needed restoration work for continued public use; Filson provided funding for a new roof, as well as employees volunteering their time to work with the NFF on and around the lookout. Monument Peak is Filson's second lookout project, after helping with Heybrook Lookout in Washington in 2017.

# Restoration of Fort Mountain Fire Tower

**Editor's note:** While this project was completed a few years ago, we just learned of it in recent months and deemed it worth sharing.

In Georgia, the Civilian Conservation Corps employed over 75,000 men during its existence in over 120 camps. The CCC legacy is still found in many Georgia state parks and historic sites. The fire tower constructed on Fort Mountain's summit is a great example of CCC craftsmanship.

Fort Mountain State Park is in northwest Georgia, near Chatsworth, at the southwestern end of the Cohutta Mountains. The park officially opened in 1936, and its infrastructure was built by the CCC.

In 1934, CCC Camp 468 (SP-6) worked at Fort Mountain. Using native stone, they

labored to create the stone tower and other park facilities. The tower was completed in 1935; it was used for fire detection until it was replaced by a newer steel tower on an adjacent peak in the 1960's. In 1971 the wooden top of the tower was severely damaged when it was burned by vandals. The stone foundation



stood as a ruin for over forty years.

In 2014, the Georgia Department of Natural Resources Parks, Recreation and Historic Sites Division allocated approximately \$189,000 to restore the tower to its 1930's appearance.

In early 2014, the Georgia DNR Engineering and Construction Division contracted with Freedman Engineering Group of Marietta, Georgia, to prepare the construction documents for the restoration project. The General Contractor was Peachtree Construction Services of Decatur, and interpretive design and fabrication was provided by the State Parks Interpretive Unit and Deem Loureiro, Inc. The project restored the tower to its original

appearance and now allows visitors to experience the architectural distinction and fire-detection purpose of the tower.

The historically accurate restoration was facilitated by historic photographs that showed the upper level wooden structure that had been destroyed. Historic photos allowed



replication of the pyramidal wood shake roof with its gentle curve at the eave and decorative copper element at the peak. The configuration of the original windows and the wood panels were carefully matched. Wood plank doors and casement windows were constructed to fit the original masonry openings. The outside stairs were reconstructed turning the corner of the stone structure and providing an overhang above the lower level door. The ground-floor interior room has its original stone floor; new windows were installed.

Much of the original CCC era interior of the structure had been gutted by fire and was not salvageable. It was decided to use steel beams and steps to provide access to the top of the interior and to provide support for the reconstruction of the cupola.

Original structural ties remained embedded in the stone at the top of the tower showing how the original upper wooden structure was anchored. The new timber design was configured in a similar manner while also being engineered to meet current codes.



Original ties and structural markings on the interior stone walls showed the configuration of the original interior stair. The new stairs are structural steel clad in wood to give the appearance of the original. The stair newel and picket design echoes other CCC fire towers constructed in the region at the same time. The original CCC construction drawings for the Wayah Bald Tower in North Carolina were used as a guide for the interior of

the tower as historic research revealed numerous photos of the interior upper level of fire towers in use.

The site was enhanced with a small circular stone plaza with low wall seating. Stone for the plaza was gathered from the mountain just like the stone for the tower was gathered in the 1930s.

Interpretive panels were developed to tell the story of the area's history, including the importance of the tower and its role in the history of the park, and to explain the details of the tower's restoration. Part of the park's interpretation of the tower also includes the use of a donated Osborne Fire Finder and a lightning stool.

Fully restored, the Fort Mountain Fire Tower again showcases the well-crafted architectural character of a Civilian Conservation Corps structure and contributes to the legacy of twentieth-century efforts to fight forest fires. The tower's reopening was celebrated with a dedication ceremony including DNR officials, the local community, and members of stone mason Arnold Bailey's family. Thanks to the conservation ethic of the Georgia Department of Natural Resources, the Fort Mountain Tower once again stands as a great silent sentinel of the North Georgia Mountains.

## A Legacy of Love Carved in Stone

An interesting side note on the tower construction involves a love story featuring local CCC stone mason Arnold Bailey. Working on February 14th, Valentine's Day, Bailey was moved to do something special for his sweetheart. Above one of the windows he was working on, he placed a heart shaped stone to signify his love for her. The two were later married and had children. For many years before and after Mr. Bailey's death his wife and children would visit the tower to see the tribute of love set in stone.



## Partnership Readies Red Oak Knob for Rental

HistoriCorps and the Appalachian Forest Heritage Area Hands On AmeriCorps team partnered with the Monongahela National Forest to restore the Red Oak Knob Fire Tower for future use as a rental. One of only twenty-some lookouts remaining in West Virginia, Red Oak Knob is located in the western part of the Monongahela National Forest in Webster County. The current 85-foot CL-100 lookout was constructed in 1964, replacing the original 1934 CCC-built tower. It was used into the 1970s before being closed and the all-too-often vandalism of an unused lookout began.



Renovation began in July and August of 2018 when HistoriCorps and AmeriCorps members partnered with Monongahela National Forest staff members to rehab the lookout. Repairs were made to the tower footings, the cab floor and windows were replaced, repairs to the roof were made, and the cab's interior and exterior was painted.

The Preservation Alliance of West Virginia then awarded its 2018 Heritage Tourism Award to the three groups for their work to preserve and reuse the historic tower. Representatives from the Appalachian Forest Heritage Area, HistoriCorps, and the Monongahela National Forest were present to accept the award at the Historic Preservation Awards Banquet in Parkersburg, that September. The project was recognized in part because of being a unique collaboration among partners that will result in enhanced tourism opportunities in West Virginia.

It was hoped to have the tower available for rent in 2019, but like so many others, has been delayed by the bureaucratic process.

## The Cross Shot

Do you have follow-up information, corrections, or comments to a story in *LOOKOUT NETWORK*? "The Cross Shot" was initiated just for that. Send responses to [fflatreas@gmail.com](mailto:fflatreas@gmail.com).

### Secondary Lookouts

96-year old member Don Russell recently wrote the following:

You do great about primary lookouts, but never read anything about secondary lookouts. They were just as vital as the primaries (in a way).

There was one in San Diego County (Cleveland NF), Bottle Peak, just east of Escondido, CA. It was used as an AWS Station during WWII. The cement slab is still on the rock. It was second to Boucher Hill Lookout (Cal/Div. of Forestry) and Cuyamaca Lookout, joint with USFS/CDF.

In those days (before radio), all lookouts were served by phone lines owned and maintained by USFS/CDF, I helped build some lines and maintained a great portion of CDF's "Tecate" line. Tecate was a lookout on the Mexican border. Heliograph was before my time, but my Dad took pictures of one in operation. My Dad was "Carpenter Boss" on the Cleveland N.F. in the '30s to early '50s. In his day when fire camps set up, he was a cook (early day multi-tasking).

I just wanted to say something about the lookouts that looked into the shadows for the smoke that the big boys had not yet seen.



Bottle Peak – Elev. 2136 ft./651 m. This wood 7'x7' ground mounted cab with a hip roof was known to have still been standing in 1950. The final ascent to the lookout was accomplished via a 29 foot ladder mounted to the side of the huge granite summit cap. The structure was funded, designed and constructed in the spring of 1912 by District Ranger, Ed D. Bish. A similar structure was completed on Hot Springs Mountain at the same time. These two lookouts were the first in the newly established Cleveland National Forest fire detection system. (The Forest boundaries have since been redrawn to exclude the area around Bottle Peak.) The lookout was noted as "abandoned" in a 1938 National Geodetic Survey data sheet. The 7x7 concrete foundation exists to this day. Bottle Peak is at the eastern edge of the city of Escondido.

## Bob Spear Tribute

Dec. 14, 2019

Dear Gary,

I am writing to thank you for the very touching and lovely tribute to my brother Bob Spear in your latest issue of the Lookout Network (Vol 30 #1). I don't know who wrote the article so I am sending this to you. I must tell you it was like listening to Bob himself tell his story of how he became involved with FFLA. He truly loved every moment of his time with the organization and being the Historian of the group was his passion. Bob spent many hours at his computer writing stories and news articles about his adventures at Sterling Tower, which was indeed his "Happy Place". Part of him will always reside on that mountain and in that lookout. I know those were indeed the happiest days of his life.

Please pass my thanks on to all in the FFLA organization and to the person that wrote such a wonderful tribute to his life. It truly captured who he was and how much he enjoyed the company of all of you whenever he was able to join your meetings as well as his love for the FFLA.

Yours truly,  
Lyda Spear

*Editor's note: When Lyda said it sounded like Bob himself telling his story, there was good reason why - much of it was taken directly from Bob's writings.*

## FFLA Brochures Available

The FFLA membership brochures are available to anyone with access to lookouts, groups, or other places to make them available to prospective new members. Contact FFLA Treasurer Gary Weber for a supply.



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[www.firelookout.org](http://www.firelookout.org)

**WHAT IS THE FFLA?**

Over 3000 lookouts across the U.S. lost over 2000 towers. The Forest Fire Lookout Association (FFLA) formed in 1990, is an organization devoted to research and promoting public awareness of current and former forest fire lookouts. Awareness of the FFLA has been instrumental in the restoration of over 100 lookouts. Working with federal and state agencies, the FFLA monitors the National Fire Lookout Register (www.nflr.org), and information about former fire lookouts and towers. The activities of its chapters or affiliated support groups include tourism, research, maintenance and much volunteer staffing.

**JOIN FFLA**

Members receive 6 issues of LOOKOUT NETWORK magazine PLUS members receive in addition 4 issues of NATIONAL WOODLANDS magazine with National Historic Lookout Register SIGNATURE

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# Notes from All Over

## MAINE

Up at **Mount Agamenticus**, the restoration strategy has changed. After much discussion with York town selectmen and leaders in the recreation department, it was decided to re-think



Ken Kennedy photo

the original plan of rebuilding the tower cab on top of the original 1940's steel. There is a new proposal of replacing the entire tower with a modern steel structure, including a publicly

accessible observation deck, and finally a fire watcher cab on top. Town money will be proposed to build it and donated funds used to outfit the fire watcher cab. The budget line item will be put into a 2021 budget request. Although the original plan of retrofitting the original was accepted, the leader's rationale to re-think the strategy surrounded building a new structure rather than retrofit an existing one which may require more maintenance in the short term. Additionally, in the new proposal, an observation deck will add a new recreation attraction to the summit, which is consistent with the Recreation Department's long-term strategy.

Out at **Grand Lake Stream**, the Downeast Lakes Land Trust continues to work the restoration project for the Indian Hill fire tower. Currently, administrative tasks such as historical and structure planning will continue into 2020.

Up in Aroostook County, the **Deboullie Mountain** fire tower lost its cab in early November.

This tower although very remote, is a very popular destination on Maine Public Land. The state of Maine is planning on replacing it at some time in the future.



Red River Camps photo

**Bill Cobb**



## WYOMING

### Mount Holmes Lookout Lost

The historic Mount Holmes Lookout in Yellowstone National Park burned to the ground Tuesday, July 16 after having been struck by lightning from a severe thunderstorm in the area. The fire, spotted and reported immediately by Mount Washburn lookout Ed Stark (FFLA member), also damaged a park radio repeater.

The following morning, three employees including the park fire chief attempted a helicopter flight to the 10,000-foot lookout to assess the damage, but were diverted to a higher priority incident. While en route, the helicopter manager did snap this photo of the burned lookout. Park staff later



investigated the burned lookout, repaired the radio repeater, cleaned up the site, and mitigated all of the hazards.

Mount Holmes is in the northwest part of the park, southwest of Mammoth Hot Springs and north of Madison Junction. Built in 1931, and renovated in 1998, Mount Holmes Lookout maintained its historic-era role as one of Yellowstone National Park's staffed lookout stations until 2007, but had not been staffed since. Listed on the National Historic Lookout Register, it



was eyed for placement on the National Register of Historic Places, as it was eligible both for its significance in early park resource protection efforts and as an outstanding example of the rustic architectural style that typified early park architecture.

At this point, park managers do not have plans to rebuild the lookout.

## IDAHO

### Bear Mountain Gets New Roof

Heavy maintenance on Bear Mountain Lookout (Clearwater NF-Powell RD) was led by Leif Haugen. Work included new shutters and a tune-up of the roof frame/outriggers, but the main task was re-roofing the L-4 cab atop the 53-foot tower. After previously having been modified, the decision was made to return to a cedar shingle roof. With that came the need for the hip roof



ridge caps; the North Idaho-Montana Chapter was able to furnish most of them, salvaged from other sites - primarily Spyglass (p.4-5).

## ALABAMA

### Union Hill now Privately Owned

The entire Union Hill tower site (tower, ground shack, and the land on which they stand) is now privately owned and controlled; ownership was recently transferred from the Alabama Forestry Commission.

The site has been heavily vandalized. The windows have been broken and there are a few bullet holes. A chair was thrown out of the cab and punctured the roof of the ground shack. The new owner started by picking up three five gallon buckets of glass (much of it broken beer bottles). The wooden stair treads, landings, and cab floor all



need to be replaced.

Once the 80-foot Aermotor MC-39 tower has been restored, visitors will be welcome by private invitation. Until then, trespassers will be subject to prosecution.

## CALIFORNIA

### Chews Ridge In Service

On August 25, 2019, volunteers Brendan and Karen Kelly picked up the Los Padres National Forest radio and advised that Chews Ridge Lookout was



in service, as they started the tower's first watch since it's last one 29 years ago. Brendan and Karen are members of the FFLA's newest chapter - the Monterey Chapter - and have helped the new unit in restoring Chews Ridge, which has been vacant, save for some repeater equipment and a colony of rats. The restoration is not fully complete, but volunteers brought it into service in time for California's volatile fall fire season.

## WISCONSIN

### Saving Gordon Tower

A random conversation in a bar in Gordon led to the saving of the town's fire tower. After a Wisconsin DNR employee told Brian Finstad that the tower might not be standing much longer, Finstad, who had grown up near the tower, thought about it for a few months, then contacted the DNR. With perfect timing, he learned that the tower was to go up for auction for removal two days later. He convinced the DNR to put the auction on hold; they gave him a year to come up with a plan. Fortunately, the Aermotor tower is an MC-39 model with stairs, instead of the state's more common ladder models.



The Friends of the Bird Sanctuary, a local non-profit of which Finstad is a

board member, stepped forward to save it. The sanctuary is managed by fire, and the tower could be a birdwatching destination, so the project fit within the group's mission. The initial plan was to acquire the tower and the land around it, paying for it all, including insurance, by renting it out as a camping spot.

In 2018, the Douglas County forestry committee approved the sale of 1.41 acres on which the 100-foot tower stands to the Friends. In December 2018, the group closed on the sale.

The group got some help when a couple donated a small cabin they had on Whitefish Lake; it was moved to the base of the tower in August where it will be used as a vacation rental. It is hoped to have the cabin ready for rent next spring. Renters will have access to the tower, otherwise it will not be open to the public, except during special events.

See the group's Facebook page: [www.facebook.com/GordonFireTower/](http://www.facebook.com/GordonFireTower/) for more on the Gordon Fire Tower and to donate.

## In Memoriam

### Philip Krueger

The Boise physician who restored Butts Creek Point Lookout in the Salmon-Challis National Forest, Philip Krueger, 79, passed away November 2. He worked at the lookout for four summers while a college student, developing a life-long love for the Idaho mountains and wilderness. After it was no longer used by the Forest Service, Krueger negotiated an agreement to leave the lookout standing as long as he maintained the property. He and his family restored it to its 1940s condition and in the summer of 2018, spent a week working at the lookout before it was added to the National Register of Historic Places that December.

Donations to the *Philip Krueger Lookout Legacy* account at D.L. Evans Bank, 890 W. Main St., Boise, ID 83702 will fund continued maintenance and future restoration work at the lookout.

### Jeanne Duhem

Long-time Bald Mountain lookout (Eldorado NF, CA) and FFLA member Jeanne Marie Duhem, 73, sadly was lost in a tragic car accident October 19, 2019. Two others also died and four, including the driver, were injured in the rollover crash on Highway 101 in San Jose.



## Gayle Kaste

Long-time FFLA member Gayle Maxine Kaste, 92, passed away peacefully in Colville, Washington, on December 31, 2019. Born in Grand Forks, North Dakota, her earliest memories were of using a team of horses to plow the fields on the family farm. Those experiences fueled her love of the outdoors and animals.

Gayle, her husband Alton, and children Miles, Robin and Lyn eventually moved to Northport, Washington, where Alton worked for the U.S. Border Patrol. After the children were on their own, Gayle went to work doing something she loved, doing fire watch at the lookout on Flagstaff Mountain near Northport.

Gayle staffed Flagstaff Lookout for around 35 years, reporting many fires



during her time there. Always the quiet and contemplative person she fit well working for the Department of Natural Resources. While working there, she reported the local weather and watched birds. She spent many hours in the tower with her granddaughter, Shana, and could identify birds at a glance.

One of her favorite pastimes was going on drives with Shana. She noticed everything that changed from their previous drives. When her gaze fell upon forested mountains or bountiful farmland, she was filled with joy. Sadly, in 2015 Gayle had to be placed in a care facility.

Gayle is survived by her son, Miles Kaste; two grandchildren, Shana Singletary and Hannah Kaste; and three great-grandchildren.

## Lennie Smith

Lennie M. Smith, 95, passed away September 4 at his home in Victor, MT. Lennie served as a crew foreman for the U.S. Forest Service for many years; he especially loved his time at Powell Ranger Station and Elk Summit, where he formed many lifelong friendships. He was able to reconnect with many of those people the last week of his life.

Lennie was prominently featured in Harold Keller's *Lookout and Trail Adventures in Powell Ranger District*, Idaho in the Winter 2012 and Spring 2013 issues of *LOOKOUT NETWORK*.

## Behind the Book - Bob Frakes and the Missouri Tower Map

Bob Frakes was born in St. Louis mid last century and still has relatives scattered in Missouri. He grew up in Southern Illinois after his father was transferred there. However, he and later with his wife would "keep the road hot" between there and Missouri. Always a big believer in hobbies, he had several that followed him for much of his life. "Towering" was one of them. His interest in towers grew as he collected documents and interviewed "tower people" on his many trips to Missouri. More than just a hobby for over 50 years, it would provide a source of many smiles shared with "tower friends".



Several years ago, FFLA Representative Jim Lyon and other friends urged him to convert his boxes of material into book form; after four years it has been accomplished, designed as a "coffee table book" – good for a few minutes or a few hours, *Remembering Missouri's Lookout Towers - A Place Above the Trees* (see p. 20).

Bob gives his thanks to all who helped him in his "first book journey". But, this is not his last; he has already started gathering information for his second book, on the Battle of Patterson/Fort Benton from the Civil War in Missouri which took place on what later became his grandparents' farm. Bob is asking for comments and criticism; he says he likes feedback!

Frakes, who earned undergraduate and graduate degrees at Southern Illinois and Eastern Illinois universities, taught American history, world history, geography, government, civics, was a yearbook advisor and coached golf over a 34-year career in education. After retiring, he wrote several tower articles for local newspapers and magazines.

### Two Men and a Map

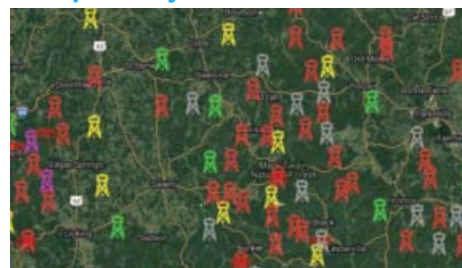
Bob's interest in fire towers caught the attention of Chris Polka, who also shares an interest in fire towers and had started a map of Missouri towers. Working with Bob, Chris created the map of all known fire towers in Missouri, both past and present that is linked on Towers page on the FFLA website.

Chris grew up in suburban St. Louis and says fire towers were

something that he subconsciously saw from a distance, but otherwise didn't pay much attention to. One day several years ago, he saw a tower near the road with a picnic table, and pulled in for a snack. After four attempts to climb the tower, he made it to the top, each time one or two flights more than the last. Climbing towers didn't immediately match up with his extreme fear of heights, but after having a death grip on the railing and descending back to earth, soaked in sweat, he decided to look into these towers further.

He found Jim Lyon's tower list online and took off with it. Despite being employed as a "technology guy", he didn't own either a GPS or a smartphone at the time, so a Saturday hunt began with translating the coordinates from Jim's list, bringing them up on Google Maps, and then hand drawing the navigation onto a MoDOT highway map. Chris still has that original paper map and refers to it often, appreciating the spatial relationships between towers. This finally led him to pinning the towers in a Google map for easier online reference.

About this time, Chris and Bob connected, and they've shared knowledge, photos, and stories ever since. While Chris had an original "finish line" of finding all the standing Missouri towers, Bob's research went further, seeking to fill in the complete history with those towers that have been removed, as well as the mysteries of towers showing on maps where one wouldn't expect. Chris admits that the search for a set of footings deep in the woods is almost as intriguing as walking up to a standing tower, even if the view is rarely as good. As they began filling in more information, they broke the towers into layers – standing climbable, standing not climbable, historic (gone), and mystery – and have linked each icon to photos and other information. In addition to the link on the FFLA Towers page, the map can be accessed directly at <https://tinyurl.com/mofiretowers>



## What's Up With Challenge Coins?

By Scott McClintock, Director  
California-South Division

The FFLA has recently announced souvenir challenge coins available for sale. Some members are not familiar with these items and wonder what they are.

When I hosted the 2019 FFLA Western Conference, I arranged for the Escondido Fire Chief to come and deliver the keynote speech to kick off the conference. After his talk, I thanked him and walked with him to the parking lot. As he left he put into my hand a beautiful red, blue and gold enamel-covered coin adorned with Escondido Fire Department's logo and the words from his agency's mission statement. I had nothing but an earnest handshake to thank him for the gesture. If I had an FFLA challenge coin in my pocket I could have equitably reciprocated.

Many military, aviation, law enforcement, defense industry and fire units have such coins, which are used as collectable souvenirs, trading pieces, awards and tokens of respect and gratitude. Next time you see the President interviewed in the Oval Office, look on the credenza behind the Resolute Desk and you'll see a display case of challenge coins presented by high-level Washington DC agencies.

Unofficial folklore attributes the origin of challenge coins to World War I flying squadrons, whose pilots carried them as an informal form of identification. The tradition then went to different squadrons asking about each other's coins while in pubs and officers' clubs, and a requirement that a pilot caught without his coin had to buy drinks. The tradition has since morphed into much wider usage, but this 100-year history tells us that challenge coins are far more than a passing fad.

If you are still unsure about them, just google "Challenge coins" and you will see the thousands of individual and appealing coin designs out there that provide a noble degree of esprit de corps and pride in many, many worthy organizations.



# Memories of Number 5 Mountain in 1956

*The following are excerpts in his own words from the watchman logs of Paul Ware of West Gardiner, watchman on Number 5 Mountain.*

A plumber takes a job as watchman for the Maine Forest Service at #5 Mt. Franklin County in the Jackman Area, June 16 1956 at \$50.00 a week. Ike Harris of the Forks arrived to take me up loading on my supplies and away by 8 a.m. Transferred to Charles Lumbert's truck above the Forks. He is Chief Warden for the Moose River District. Reloaded to Jeep of Patrolman Tom Geroux at Spencer road. 18 miles to steel watchman's barrel where supplies were unloaded and Geroux took off. I was alone for a good many days. Made 3 pack loads to camp before dark. The camp is a good log cabin facing the south. Through a



Number 5 watchman's camp (Kenny Wing photo)

wide opening can be seen Rock pond and the Bigelow range, Sugarloaf and other mountains. A small brook runs by the front of the camp which may get dried up some in the summer, although there are trout in it. The trees are large spruce and fir and a good sized clearing is about the camp which is in a level area. A small garden, a spring, woodshed, root cellar, toilet and tin can dump are other features. Big buck deer come out within 60 ft of the camp in day light for salt. Canada Jays are about, a rabbit stays around the clearing at times and a red squirrel comes in the porch to eat. Beside the trail is a beaver pond where one can catch a limited number of nice brook trout 8 to 10 inches. There are also many small trout in Rock Pond brook by my barrel. Several flocks of Partridge are on the upper trail to the tower. Bear and bcat are also around. It is roughly 2 miles from graveled road to camp and 1 ½ miles from camp to tower. It is a good trail wide and clear and not very steep. The tower is a 60 ft. steel tower with stairs and rails and the room is about 7 ft. square equipped

with table, alidade maps, radio, telephone and 6x glasses. #5 Mt. Tower is 3200' above sea level, and on a clear day can see from 80 to 100 miles. Many ponds lakes and mountains as well as Jackman and Moose River village. The mountains in view include Katahdin, Big Spencer, Boundary Bald, Coburn, The Boundary range, Kibby, Tumbledown, Kennebago,



Number 5 fire tower (Paul Ware photo)

Bigelow, Saddleback, Sugarloaf, Mosquito, Moxie Bald, Moxie, Pierce Pond Mt., Sally, Bean Brook Mt., Williams, St. Cecilia, Mt. Sebastin and many others. The ponds include Tobey, Whipple Hall, Chub, Moose, two different Fish ponds, Bog, Attean, Big Wood, Crocker, Holeb, Big Bartley, Barret, Twin Island, McKenna and many others including Baker Pond and upper part of Moosehead Lake. The weather is cool and sometimes gets pretty cold in the tower, even in summer.

**Some notable log entries from the summer:**

**Thursday July 5** - Warm and clear, no wind. Saw a boat on Attean. Reported fire at Jackman dump. A B36 flying north. Reported another Canadian smoke

**Sunday July 29th P.M.** - Caught trout at Rock Pond Brook AM. It's cleared off and cold. Best visibility I've seen. Can see Round Mt. 110 miles away.

**Monday August 13** - Watched the airplane drop supplies on Kibby Mt. 4 chutes 3 of which came very close to the tower. Reported smoke 1.21 PM 112:75 degrees. Coburn quickly verified it. They got a plane from Greenville and spotted it. The Warden from Caratunk went in as it was two miles out of our district. He could not find it and he called me at 6 p.m. to find out if I still saw it. It had died out about 5.30. That night it rained hard but a crew went in. Today they reported they could not find it at 2 p.m. It apparently is out cold. As I saw nothing of it today. (Lightning fire)

**Friday September 7** - A large hawk owl flew up to the tower to look it over and nearly crashed through the glass. They are magnificent in flight, so graceful and effortless. Bill Connor on Kibby saw a bobcat from the tower. Cold in the tower about 58 all day but clear. Went to the barrel for mail, saw the beaver.



Paul Ware looking out for smoke (Paul Ware photo)

To sum up the summer spent. I have read the Bible from cover to cover, also a small dictionary besides many books and other reading materials I would not have otherwise had time for. It has been a good rest from dirty work, automobiles, TV and all worldly troubles. Physically, I quickly lost 20 lbs. and came to my natural 178 lbs. Feeling fine and lively due no doubt to lack of beer, but plain food, all kinds of fresh air and mountain water and daily exercise. Most important however is the sense of ability in being able to take care of yourself many miles from help and many weeks all soul alone. Never again will I feel absolutely dependent on anyone except God. Time for reflection is a good thing. Letting the world rush along from a ringside seat so to speak. Of course, I did discover and report 2 fires which is the whole purpose of being up there.

## Coming Soon! FFLA 30-Year Anniversary Patches and Decals

In addition to the challenge coins (p.3), special decals and embroidered patches will soon be available! Watch the FFLA website, facebook page, or io.firelookout group for availability.





# All That Glitters is Not Gold

by Chad Kinzel

Some fire lookouts are an easy visit. Just hop on a motorcycle or drive a favorite pickup truck then navigate a somewhat maintained US Forest Service logging road to that lookout. No sweat. No strain. No gain — except maybe in elevation. However, other fire lookouts require a bit more effort.

Consider, for example, the Copper Mountain lookout at 6,260 feet and situated near the northern boundary of the North Cascades National Park in Washington State. Build in 1932 when the park was known as the Mount Baker National Forest, this lookout offers views to the south of the Chilliwack River valley and the Northern Picket Range resplendent with such edifices as Mount Challenger, Mount Fury, Whatcom Peak, and Mount Redoubt — all stretching skyward at over 8,000 feet.

To visit Copper Mountain lookout on foot requires effort — plenty of it. Two options are available for getting there — both of which commence at the trailhead to Hannegan Pass. Once there, the trail divides — the shorter one-way trek is only 10 miles; the more rigorous one involves a 34-mile roundtrip hike. We selected the longer route because, after all, how does one expect to break-in a



Ruth Mountain

neophyte backpacker? In this case, my 17-year old nephew who had never traveled west of the Mississippi River, let alone been in mountains or on top of one. He was hankering for a young man's adventure. It was not my job to disappoint him.

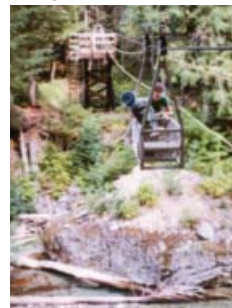
The drive from Everett, Washington, to the Hannegan Pass trailhead is 107 miles — at least a 2.5 hour trip. We departed Everett around 10 AM arriving at the trailhead about 1 PM and were energized for the 4-mile hike to the pass at 5,100 feet where we would setup camp in a stand of pine trees enhanced by a smattering of huckleberry bushes which offered an open invitation to bears needing to satisfy their craving for sweets. Fortunately no such visitors arrived. Under the watchful eye of Ruth Mountain, we slept well that night. Best of all, unlike several years later, we didn't need to make a reservation to use the campsite and we didn't need a permit to hike in the park. We could be free-range sojourners.

The morning of day two brought mist and a visit from the backcountry



Chilliwack River Valley

Park Ranger. While she declined our offer of a freshly brewed cup of coffee, she wished us well and provided current information on trail conditions — no serious blow-down to navigate, but plenty of thick, wet brush to try our patience on our way to the cable-car crossing of the Chilliwack River

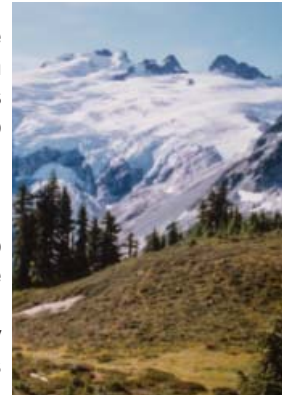


seven miles east and a drop in elevation of 2,700 feet. Then it would be another 8 miles to the campsite (5,000') just below Whatcom Pass (5,755') — a 15-mile day, complete with all the aches and pains accompanying such a feat. My nephew never complained as he was too engaged in gawking at the scenery. We established camp in a comfy stand of tree, ate a leisurely dinner while watching the alpine glow illuminate the pass.

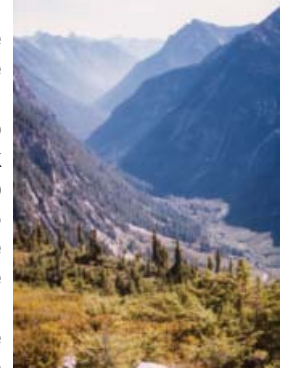
Day three was spectacularly uneventful except for the views from Whatcom Pass looking onto Whatcom Peak,

Challenger Glacier, Tapto Lakes, and the Beaver Valley. The scenery swallowed us and reminded us of our insignificance. For that entire day, we lollygagged.

Took a side-trip on a boot-kick trail up to Tapto Lakes at 5,753 feet — some 753 feet above our campsite. And because by the time we arrived at the lake and the day's heat was at its maximum, my nephew decided to skinny-dip in the lake. His surprised yelps echoed off the mountain peaks when he emerged from Tapto's ice



Challenger Glacier



Beaver Valley



water. And then we had to return to camp — by the shortest route via the musical rockslide. A xylophone crossing. Every footstep struck a different note. Every footstep a potential tumble. Our traverse was a delicate ballet of balance as we picked our way across the slide as the sound of waters from the outlet streams of the Tapto Lakes rumbled beneath us. After eating dinner that night, we stargazed and were seemingly enveloped by the Milky Way thanks to a cold, clear sky. We could have spent hours viewing the night sky, but eventually we climbed into the tent, tucked ourselves into our sleeping bags knowing we faced a long haul in the morning.



Tapto Lake & Whatcom Peak

Day four brought us through forest and always near water, Bush Creek to be exact — twelve miles down hill and a bouncy ride across the suspension bridge over Indian Creek. A hot slog in spite of the loss in elevation. No breezes to cool the knees. By late afternoon, we arrived at the old trail shelter a short distance from where we would have to ford the Chilliwack River in the morning. No setting up tent needed, we just put our air mattresses and sleeping bags on the shelter's bunk shelves. After that and with time on our hands, we took advantage of the river's cool water — stripped naked and jumped in. So nice to smell better. So nice to be slightly chilled — sort of like being a water melon cooling in an ice-filled washtub. Ahhh!

Day five took us from Indian Creek Camp to Copper Lake. Not fun. All up



hill. Switchback after switchback. At least mostly in the shade, but nevertheless, hot and buggy. Eight miles of hiking with an elevation gain of 3,000 feet which calculates as almost 13 feet of vertical

elevation gain for every 1 mile of horizontal distance. And with full packs, too. My aching back. Our aching backs. Took a lot of rest breaks. Consumed plenty of water. Gobbled lots of trail snacks. Finally, at about 5,100 feet and 2 miles east of Copper Lake, we exited the forest and began hiking through open meadows. At the first place in a cirque meadow where we found a small



Copper Ridge trail

snow-fed stream, we stopped for lunch — and a long, much needed rest. At this elevation, we had views all the way to Whatcom Pass about 5 miles line-of-sight distance to the south. When we



finally reached the campsite at Copper Lake, it was late afternoon. We were tired and hungry. So far we had not encountered any other hikers on our journey. The largest critters we'd seen were marmots. We set up our tent — hastily. Reason: with the sunset fast approaching and the sky beginning to fill with haze, we suspected a change in weather. We would not be disappointed.



Copper Lake

We awoke in the morning to wind song. Better to call it a harangue. Not a friendly tune, but a heavy, wet one. A snow blown down. Poking my head out of the tent, I could see that the trail to the lookout — a mile away and 1,000 feet higher than our campsite — would soon vanish beneath this white stuff.

Time to get moving. Pack now. Breakfast later — at the lookout. Not fun taking down a wet tent in the wind. Not fun packing wet gear into backpacks. Not fun being pelted by heavy, wet snow. The good nephew did not mutter oaths, but the good uncle did. With not so much as “thank-you” to the lake, we march-stepped up the trail to the lookout. When we arrived, the building was closed for the season — shutters down, door locked. Not an obstacle for me — I had an old US Forest Service key which opened the lock. Nice to be in a dry room. Nice to be out of the inclement weather. Nice to be about to prepare a hot sumptuous breakfast. We took our time eating — dawdled a bit, reluctant to brave the elements. But we had no choice in the matter. Copper Mountain lookout to Hannegan Pass trailhead and the car was 10 miles away; mostly downhill in snow changing to rain. Our non-stop hike out was a cloud-wrapped misery.



Copper Mountain Lookout

While Copper Mountain lookout was not gold (just white painted wood and a cedar shake roof), it certainly glittered in the aura of the Northern Picket Range, under the watchful eye of the Milky Way, and from the effort it took make that 34-mile round trip hike. After all, anyone can drive to a lookout, and no doubt some of those lookouts have wonderful views. But to make the effort, to expend the energy to gain and lose 6,000 feet of elevation, to spend a few nights in the wild backcountry, and to face the challenges of hiking in the rain and through a snowstorm, makes the journey all the more rewarding if only because you can say to yourself — “I endured the hardships, I met the challenges, and I know I can do this again.”

### Wanted - Osborne Firefinder

Cast iron upright with map surface, partial or complete.

Mel Brethauer

PO Box 711

Dillsboro, NC, 28725

[brethauer3@gmail.com](mailto:brethauer3@gmail.com)

## New Mexico Lookout Visits

FFLA member Phil Boettcher and his wife Rita Jane are retired and live in the mountains of Montana but spend their winters in New Mexico, and visit lookouts when they can. Rita decided to do write ups and keep them for fun.

### Fox Mountain Lookout

Gila National Forest, Elevation 9383  
CL-100, Height 10 feet, Built 1959

As we travel visiting our 93 fire tower lookouts, this one has been the most impressive lookout tower that we have visited so far.

Off of Hwy 12, we went to Apache Junction, and turned west on Hwy 32, we turned on forest road 770 from there. The entry onto Forest Road #770, showed us many, many places where people camp, or hunters camp, or good places where motor homes and campers can get in. There were beautiful trees, Ponderosa Pine, White Pine, Douglas Fir to view as the sun shone through the trees.

The road was, long, winding, some snow on the road, up and down, around, some areas where we removed the rock, but in general this was a decent road. We drove in about an hour before we saw the tower in the distance. It sits upon a hill nestled in the trees. One big tree on the road, we were able to swerve around it and continue on. It opened up into beautiful meadows, and we were now at least at an elevation of 9,000 feet.

We stopped at a closed, locked, gate, full of snow in places that face the north where the snow doesn't melt fast. There wasn't any foot traffic or tire tracks. We walked about two city blocks, winding around the top of the mountain.

As we passed it from below, we could see it nestled in the trees above us, and as we came around the last corner, there it sat, perched on the top with towers, a two-story structure.



The tower is in good condition; the base is all cement block, with the lookout perched on the second story. A metal stairway brought us up and we weren't prepared for the spectacular views as we climbed through the open metal walkway door that was above us.



There was a sink, bed, stove, windows all the way around and neat and clean as can be. I was able to take pictures through the window, including a visitors signup sheet.



As we scanned the horizon, looked at the open fields, saw a road, saw another hill next to us, Phil spotted movement about 3/4 of a mile. We couldn't make out what they were, we didn't bring our binoculars up, but I took some pictures with my point-and-shoot camera to look at later.

After a pleasant hour of walking around, looking, chatting about what we were seeing, we went back to the car and drove over to the next little hill, a short distance away, where there were several large towers. The road continued and we followed it for about a half a block where it opened up into a roundabout, where someone had camped. It was beautiful, a perfect place to stop and eat our lunch.

As we ate lunch, we looked out over the plains, over the mountain ranges and commented on the beauty that we were seeing. We had chairs along, sat in the sunshine and enjoyed our moment at Fox Tower Mountain Lookout.

On the way back down, Phil attached a cable to the downed tree, with the help of Bonnie, and pulled it to the side of the road.

A perfect day, a perfect lookout tower and another one knocked off our list.

The next day viewing my pictures, the black spot my husband saw in the distance turned out to be a bull elk and two cows.

Rita and Phil

## FFLA Chapters and Affiliates

Local chapters and affiliates continue to be a source for "getting things done."

FFLA local chapters, parent chapters/divisions, and leaders are:

- San Diego-Riverside Chapter (California-South), Shane Harris [training@ffla-sandiego.org](mailto:training@ffla-sandiego.org)
  - Monterey Chapter (California-South), Scott McClintock [palomartowers@gmail.com](mailto:palomartowers@gmail.com)
  - Yosemite-High Sierra Chapter (Calif - Sierra Nevada), Barbara Thomann [bt045@cvip.net](mailto:bt045@cvip.net)
  - Konocti Chapter (California - Pacific), Bill Ulmer [1941www@gmail.com](mailto:1941www@gmail.com)
  - Northwest Montana Chapter (North Idaho-Montana), Chuck Manning [chuck.manning@gmail.com](mailto:chuck.manning@gmail.com)
  - Friends of Blue Mountain Lookouts (Oregon), Bob Bonstead [fbml@bonstead.com](mailto:fbml@bonstead.com)
  - Medicine Bow (Wyoming), Pat Lynch [pat@westernheritage.com](mailto:pat@westernheritage.com)
  - Pacific Cascade (Western Washington), Forrest Clark text [425-478-3426](tel:425-478-3426)
  - Colville (Eastern Washington), Rod Fosback [rodfosback@centurylink.net](mailto:rodfosback@centurylink.net)
  - Southern Cascades (Western Washington), Dick Morrison [dickmorrison@peoplepc.com](mailto:dickmorrison@peoplepc.com)
- FFLA affiliates are:
- Southern California Mountains Foundation (California-South), Pam Morey [pmorey@mountainsfoundation.org](mailto:pmorey@mountainsfoundation.org)
  - Angeles National Forest Fire Lookout Assn. (California-South), George Morey
  - Hi Mountain Condor Lookout (California-South)
  - Buck Rock Foundation (Calif - Sierra Nevada), Kathy Allison [kvab@inreach.com](mailto:kvab@inreach.com)
  - Sand Mountain Society (Oregon), Don Allen [dallen@dcs-inc.net](mailto:dallen@dcs-inc.net)
  - Kent Conservation Foundation (New York)
  - Friends of Grafton Lake State Park (New York)

## Electronic Copy of LOOKOUT NETWORK

LOOKOUT NETWORK is available electronically, in pdf format. If you would like to receive the pdf version by email, either in place of, or in addition to the printed copy, please notify Editor Gary Weber at [fflatreas@gmail.com](mailto:fflatreas@gmail.com).

## Lookout Photo Collage

Craftsman, author, and photographer Glen Boulier has used rental lookouts since 2000, and has taken hundreds of photos while enjoying the great program. He has compiled two 16" x 20" collages (computer screen examples below), each with 30 pictures, all rental related. He is asking \$23.00 for each one or \$40.00 for the pair, plus shipping, payable with US money order or Paypal. For more information or to order, email [glen.boulier@shaw.ca](mailto:glen.boulier@shaw.ca). \$5.00 from each collage sale will be donated to the FFLA. Glen has also authored the book, *Witnessing Bigfoot*, listed in the Books section (p. 20).



## Lookout Items on Zazzle

Oregon FFLA member Elaine Broskie has a wide variety of products featuring Oregon lookouts available on [zazzle.com](http://zazzle.com), including posters, note cards, calendars, shirts, towels, magnets, envelopes, postcards, and more. Visit her zazzle store at [www.zazzle.com/ebroskie1234/](http://www.zazzle.com/ebroskie1234/) and navigate to "Fire Lookouts and occasional guard station". This Acker Rock Night image is available on several products.



## Kresek Firefinders Available

Kresek Firefinders are available, with improvements - better sight mechanism, laser-etched azimuth numbers, better fit on the 3-rail track, more professional looking design. See [www.firelookout.org/kresek-ff.html](http://www.firelookout.org/kresek-ff.html) or just google "kresek-ff" for details. Cost is \$395. (\$295 without the 3-rail base).



## Osborne Fire Finder Featured on Smokey Buckle

This limited edition, numbered, pewter 2011 Smokey buckle from Dawn Fazio's **Woodland Enterprises** includes this inscription on the reverse: "*The Osborne Fire Finder was invented 100 years ago by William Osborne, a Forest Service employee in Portland, Oregon. It has been serving in lookout towers nationwide since 1915.*"



\$23.50 plus shipping and handling from [www.smokeybeargifts.com](http://www.smokeybeargifts.com) or call 208-882-4767. Dawn and Jim Fazio are long-time FFLA members.

## Osborne Fire Finder Case

A Mariposa, California, cabinetmaker is now making transport and storage cases for the Osborne Fire Finder. FFLA member Jeff May reports that the cases are of excellent quality and craftsmanship. Call for price: Martella Cabinet Company, David Martella, 1-866-966-3441 (toll-free) or 209-617-5471 (cell).

## FFLA Registered for Donations

The FFLA is enrolled in **PayPal Giving Fund**; donors can make donations on the Donate with PayPal Giving Fund site, <https://www.paypal.com/us/webapps/mpp/search-cause>.

The FFLA is also enrolled in the **AmazonSmile** program; for those who have designated the Forest Fire Lookout Association, Amazon donates 0.5% of eligible purchase prices to the FFLA.

## Western Heritage - FFLA Items



FFLA logo available on any **GEAR, WOOD, or APPAREL item**  
 Apparel: Outerwear, Shirts, Caps  
 Gear: Bags & Duffels, Lights & Lenses  
 Wood: Wall Clocks, Desk Accessories, Nametags  
<http://westernheritagestore.com/>

## Also from Western Heritage

Lookout Tower pin  
 Code: WF234  
 Price: \$4.95  
 1" tall enamel pin, clutch back



<http://westernheritagestore.com/>

## FFLA Lookout Calendar And Other Zazzle Items

The FFLA Photo Contest 2020 Calendar is now available from Zazzle! With photos from the 2018 FFLA Facebook photo contest, the two-page layout calendar is available in three sizes.



Several other custom FFLA items are also available through Zazzle! A trailer hitch cover with the FFLA logo fits 2-inch receivers. Sticky notes are available with the FFLA logo; the 4" x 3" Post-it® Notes come in pads of 50. New items include a license plate frame, a night light, a refrigerator magnet, a lighter, and a canvas journal, all with the FFLA logo. In addition, a lookout blanket with your photo surrounded by FFLA logos is available in three sizes.



Zazzle has stopped producing custom made postage stamps due to a dispute over USPS guidelines

To order Zazzle items, go to [https://www.zazzle.com/store/forest\\_fire\\_lookout?rf=238559555564891690](https://www.zazzle.com/store/forest_fire_lookout?rf=238559555564891690) or to the FFLA website, [www.ffla.org](http://www.ffla.org), and click on the links there.

# Books

## New Books

### REMEMBERING MISSOURI'S LOOKOUT TOWERS

#### *A Place above the Trees*

by Bob Frakes (FFLA Member)

Words Matter Publishing, November 15, 2019, hardcover, 8-1/2 x 11", 278 pp., ISBN: 1949809528

For half a century Bob Frakes pursued his "Forest Lookout Tower" hobby. It all started near his grandparents' farm with Mudlick Tower while he was very young. It continued on over the years coincidental with his canoeing hobby and really picked up following his retirement from 34 years of teaching History. All the time he collected papers, pictures, stories and friends. He was urged to put his memories down in a book and not let them be forgotten. Four years ago he began; his book is now finished.

It contains history. What preceded and created a need for the towers? It has stories. What is the goat doing on the top steps? It has technical information. What is the difference between an LS-40 and a MC-39? It has interviews. Those who worked the towers remember. It has submissions. Individuals who lived the life share their thoughts on themselves, what it was like and relatives. Others share their technical knowledge on fire finders, dispatch maps, the forest today, map projects, dozers, etc.

And of course, there are the pictures. The book contains over 300 images. Some are archival and one of a kind and many are in color. You can take a tower trip and never leave your living room.

You will also find tower names, towers moved, Bucksnot Foodstand, tower mysteries, Smokey Bear, the Royal Order of Squirrels, wood towers, steel towers, lookouts not towers, drone shots, and much more.

Available at [wordsmatterpublishing.com](http://wordsmatterpublishing.com), [www.Amazon.com](http://www.Amazon.com), and other booksellers.

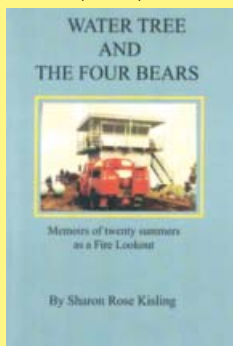
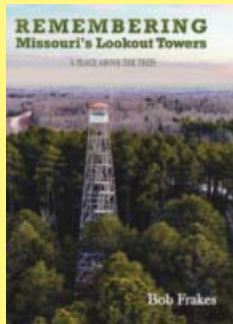
### WATER TREE AND THE FOUR BEARS

#### *Memoirs of twenty summers as a California Fire Lookout*

by Sharon Kisling

Independently published, June 26, 2019, paperback, 6" x 9", 197 pp., ISBN: 1073528456

Kisling notes, "This is an honest account of life as a Fire Lookout. Some things are a pleasure to share and recall, but other experiences are more difficult. I felt that being open and honest was the best way to show our



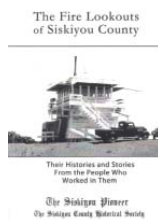
human experience. The good, the bad, the ugly and the awe-inspiring. If the writing becomes repetitive, just know this shows the nature of working on a Lookout tower. I tried not to change much of my Journal entries as this makes it more authentic. I let it flow as a hurried thought, or just the contemplations of the day. There are many wildlife and wildfire stories and poems as well as what life is like living on a mountain top." Available from [www.Amazon.com](http://www.Amazon.com).

### THE FIRE LOOKOUTS OF SISKIYOU COUNTY

#### *Their Histories and Stories From the People Who Worked in Them*

SCHS, 2017, paperback, 6" x 9", 184 pp

The Siskiyou County Historical Society's annual *The Siskiyou Pioneer* publication for 2017 featured the county's lookouts. The impetus came from FFLA member Nancy Hood, who retired at the end of 2016 after 58 years as a lookout. She has been collecting photos and documenting fire lookout history for some time. The book is built around a lookout history document written by Klamath NF retiree Lee Morford in 1978. \$25.00 (plus s/h), online at <https://sisqhistory.org/product-category/pioneer/>.



### CLOUD WATCHER

#### *A Fire Lookout's Book of Days*

by Wayne Pease (FFLA Member)

Independently published, September 11, 2018, paperback, 235 pp., 6" x 9", ISBN: 1720242720

This autobiographical novel is the result of FFLA member Wayne Pease's 55 years as a fire lookout in the Sierra Nevada Mountains of California. He combines the events of several fire seasons into one, making it an ideal diary and parable. The lookout-poet lives through storms, fires, and tourists, during which time he struggles over the future course of his life as budget cuts and internal strife change the Forest Service. All the events happened, but not in the order given. Names have been changed, time revamped, and places altered to protect the innocent (and the guilty), and to give his story the air of a fairytale. Available from [www.Amazon.com](http://www.Amazon.com).

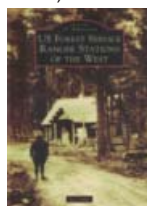


### U.S. FOREST SERVICE RANGER STATIONS OF THE WEST (Images of America)

by Les Joslin (FFLA Member)

Arcadia Publishing, April 8, 2019, paperback, 6" x 9", 128 pp., ISBN: 1467103152

This volume pictures and profiles 92 historic U.S. Forest Service ranger stations and guard stations on national forests throughout the



American West in 128 pages packed with 189 mostly historic images and something over 17,000 words. Available from [www.arcadiapublishing.com](http://www.arcadiapublishing.com) or from [www.Amazon.com](http://www.Amazon.com). A limited number of copies is available from the author for \$20.00 including s/h. Les Joslin, 2356 NW Great Place, Bend, OR 97703.)

### FFLA Member Les Joslin's Other Books Now Available Again: TOIYABE PATROL: Five U.S. Forest Service Summers East of the High Sierra in the 1960s (Third Edition)

by Les Joslin. The author shares his 1962-1966 experiences on a remote Toiyabe National Forest ranger district (which had not one fire lookout) in this 130-page paperback illustrated by 70 photographs and a map revised and published in 2018. ISBN-13: 978-0-9647167-5-9. Available from the author for \$10.00 including shipping and handling. Les Joslin, 2356 NW Great Place, Bend, OR 97703. Phone 541-330-0331.



**DESCHUTES NATIONAL FOREST (Images of America)** by Les Joslin. Deschutes NF's scenery and recreational resources are still protected by lookouts. Available from [www.arcadiapublishing.com](http://www.arcadiapublishing.com) or from [www.Amazon.com](http://www.Amazon.com). ISBN: 1467124664

**RANGER TRAILS: The Life and Times of a Pioneer U.S. Forest Service Ranger in the West on the La Sal, Santa Barbara, Cache, and Deschutes National Forests, 1907-1913** by John Riis, prologue/ epilogue by Les Joslin, \$15.00 (s/h included). Order from Les Joslin, address above.

**UNCLE SAM'S CABINS, A Visitor's Guide to Historic U.S. Forest Service Ranger Stations of the West**, Out of Print.

1995 edition: ISBN 0964716712

2012 edition: ISBN 096471678X

### Marty Podskoch Books

**ADIRONDACK FIRE TOWERS, Their History and Lore, The Southern Districts (new edition)** Hard cover format, an eight-page index, and a Restoration Chapter. \$24.95 + s/h and NY local tax, from Marty Podskoch, 43 O'Neill Lane, East Hampton, CT 06424. ISBN: 0997101903

**ADIRONDACK FIRE TOWERS, Their History and Lore, The Northern Districts** \$20.00, **FIRE TOWERS OF THE CATSKILLS, Their History and Lore** (reprint with new cover design) \$20.00, **ADIRONDACK CIVILIAN CONSERVATION CORPS CAMPS: Their History, Memories and Legacy**, \$20.00, **ADIRONDACK STORIES, Historical Sketches** \$18.95, **ADIRONDACK STORIES II, 101 More Historical Sketches** \$18.95, **IRONDAK 102 CLUB, Your Passport & Guide to the North Country** \$20.00. Add \$3.00 s/h (for 1 or more books). Send check or money order to above address, 860-267-2442. For more info, go to [www.adirondackstories.com/](http://www.adirondackstories.com/) or [www.adirondack102club.com](http://www.adirondack102club.com).

**WHAT A GIFT I HAVE BEEN GIVEN: Ronalee 1940-2014** by Ronalee A. Leckenby This anthology was compiled by late FFLA member Ronalee's husband Donavin from her own writings on her career as a fire lookout in eastern Oregon. In her words, "I can't imagine a life more fortunate than mine that it should be as rich as ever a life was." Available from [www.Amazon.com](http://www.Amazon.com). ISBN: 1544990308

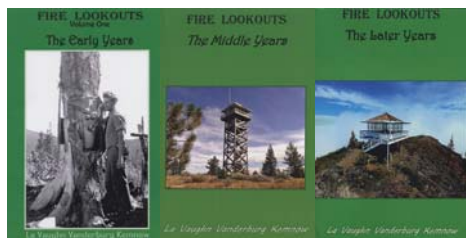
# Kemnow Series

## FIRE LOOKOUTS

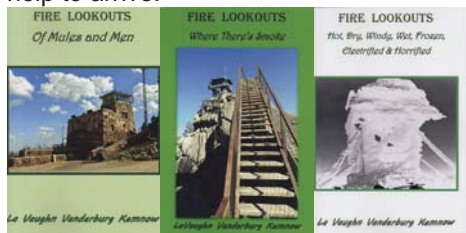
by La Vaughn Vanderburg Kemnow  
MountAinsWest Publishing, paperback, 6" x 9"

Thirteen books in a series capturing FFLA member Ron Kemnow's extensive research have now been released. The series is not intended to be a complete history of fire lookouts, but rather a glimpse, or overview, of what it was like to build, occupy, and maintain the lookout system. The historical information in these volumes is the culmination of many years of Ron's research for his website, [ronkemnow.weebly.com](http://ronkemnow.weebly.com). These books are not in narrative form, but are a collection of official reports, letters, news articles, etc., presented as they were originally written (raw data, as presented on Ron's website.) Also included are many historical photographs, some of which are very old and of very poor quality, but are included for their significance.

Available from the author, [mtswest36@gmail.com](mailto:mtswest36@gmail.com), or from [www.Amazon.com](http://www.Amazon.com).



The earlier years in the development of the fire lookout system were fraught with difficult decisions, hard work, and danger. Conditions improved considerably in later years, but there were still elements of danger, loneliness, and the ever-present need to be alert. Building materials, bedding, groceries, and other essentials were packed on the backs of mules, horses, and men; and later via a 'Cat,' truck, airplane, or helicopter. Forest fires sometimes are a threat to the lives of the people on lonely peaks whose job it is to detect and report those fires. Fire lookouts deal with extremes in weather: heat and cold, gale-force winds, rain and snow, electric storms, with courage and ingenuity. When a sudden illness or accident happens, the afflicted lookout, alone on a mountain top, must deal with the situation and sometimes wait hours for help to arrive.



Although there are now many women serving as fire lookouts, in earlier days many people thought it was definitely not "women's work." Some of the early (though not the earliest) female lookouts were hired during World War One because of the shortage of men available for the jobs. Many women were employed for the same reason during the Second World War. When a smoke was detected by the lookout, it was not enough for that person to know; the information had to be conveyed to the person in charge of the fire fighters. Over the years, and in different locations, this could involve a horseback ride, heliograph, carrier pigeon, megaphone, flying a flag; or a lantern, telephone, short wave radio, and other methods.

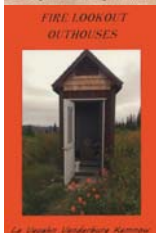
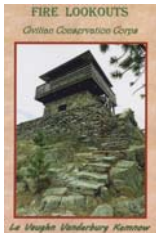
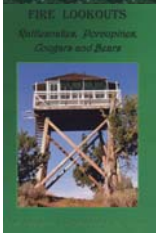
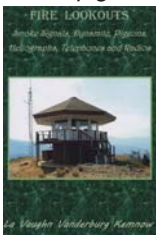
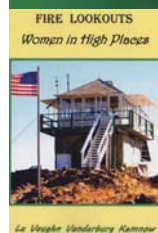
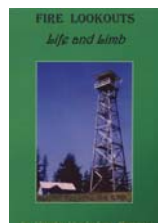
The life of a lookout on a lonely peak often includes encounters with wildlife, large and small. Usually these encounters are of the friendly kind, and add measurably to the enjoyment of spending time in the out-of-doors. Some of those encounters, however, present a clear danger. In these pages are accounts of human interactions with porcupines, squirrels, birds, cougars, bears, deer, yellow jackets, rattlesnakes, and other creatures of the wild.

Some lookouts were able to be constructed because of fundraising efforts or by private donation. Some were placed on existing structures: Hotels, banks, barns, water towers, etc. Some were of very unusual design. When no longer needed, some were destroyed, abandoned, sold to the highest bidder; or sometimes reconstructed at a different site. Most lookouts are in somewhat remote locations, and are susceptible to vandalism and theft. Lookouts have been shot full of holes; broken into; personal and government property stolen, destroyed, or left for rats and weather to destroy. These acts greatly increase the cost

and frustration of maintaining a viable lookout system.

The Civilian Conservation Corps was activated in the early 1930s to provide jobs for unemployed young men. Their many accomplishments included the construction of many lookouts, roads, trails and telephone lines.

The "Necessary House," otherwise known as an outhouse or toilet, is an essential part of fire lookout accommodations. They must be neither too close to nor too far from the lookout. While most are of wood construction, some are of stone, concrete, or man-made molded materials.



- (Vol. 1) The Early Years**  
August 19, 2017, 200 pp, ISBN: 0984616438
- (Vol. 2) The Middle Years**  
August 27, 2017 200 pp, ISBN: 0984616470
- (Vol. 3) The Later Years**  
October 26, 2017, 200 pp, ISBN: 0984616489
- (Vol. 4) Of Mules and Men**  
November 14, 2017, 184 pp, ISBN: 0984616497
- (Vol. 5) Where There's Smoke**  
November 14, 2017, 140 pp, ISBN: 098461642X
- (Vol. 6) Hot, Dry, Windy, Wet, Frozen, Electrified and Horrified**  
November 14, 2017, 104 pp, ISBN: 0984616411
- (Vol. 7) Life and Limb**  
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- (Vol. 11) Endings and Oddities**  
April 29, 2018, 84 pp, ISBN: 0999606743
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April 29, 2018, 54 pp, ISBN: 0999606751
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June 15, 2018, 130 pp, ISBN: 099960676X

Available from [mtswest36@gmail.com](mailto:mtswest36@gmail.com), or from [www.Amazon.com](http://www.Amazon.com).

## Books (continued)

**FIRE LOOKOUT HISTORY OF THE SANTA FE NATIONAL FOREST** by Barbara Zinn (FFLA Member) USFS Santa Fe National Forest Report No. R2017031000012. Download from [https://www.fs.usda.gov/Internet/FSE\\_DOCUMENTS/fseprd542352.pdf](https://www.fs.usda.gov/Internet/FSE_DOCUMENTS/fseprd542352.pdf).

**THE STORY OF LINDA LOOKOUT (50th Anniversary Edition)** by Keith Lundy Hoofnagle (FFLA Member). A history of lookouts through cartoons and humor. Available from [www.Amazon.com](http://www.Amazon.com). ISBN: 0879612835

**FIRE LOOKOUTS OF OREGON (Images of America Series)** by Cheryl Hill (FFLA Member). Anecdotes, trivia, and over 200 photos. Available from [www.Amazon.com](http://www.Amazon.com). ISBN: 1467134864 Cheryl previously authored another title in the Images of America series, **MOUNT HOOD NATIONAL FOREST**. Visit her website, [cherylhill.net/firelookouts/](http://cherylhill.net/firelookouts/).

**FIRE LOOKOUTS OF GLACIER NATIONAL PARK (Images of America Series)** by David R. Butler (FFLA Member). The story Glacier National Park's lookouts, including those still operating today. ISBN: 1467131148 Available from [www.Amazon.com](http://www.Amazon.com).

**WITNESSING BIGFOOT** by Glen S. Boulter Personal encounters with Bigfoot include a visitation by strange visitors at Montana's Webb Mountain rental lookout. Available from [www.Amazon.com](http://www.Amazon.com). ISBN: 093766328X

**BAKER BUTTE JOURNAL 2010: Plus Some Pretty Good Recipes** by Shirley Payne (FFLA Member). Journal of the 2010 summer on lookout in Arizona's Coconino NF, with 99 recipes. Available from [www.berryqueenpress.com/](http://www.berryqueenpress.com/).

**HIKING NORTH CAROLINA'S LOOKOUT TOWERS** by Peter Barr. Guidebook to the lookout towers in western North Carolina. [peterontheat.com/hiking-north-carolinas-lookout-towers/](http://peterontheat.com/hiking-north-carolinas-lookout-towers/), \$15.00 (includes s/h), or email Peter at [pjbarr@gmail.com](mailto:pjbarr@gmail.com). ISBN: 0895873567

**SMOKECHASER (Third Edition)** by Warren Yahr (FFLA Member). The story of a Wisconsin teenager's lookout experiences during the 1940s on the remote Bungalow District of Idaho's Clearwater NF. Check [www.Amazon.com](http://www.Amazon.com) or other used book stores. ISBN: 1467595225

**FIRE LOOKOUTS OF THE NORTHWEST** by Ray Kresek, **OUT OF PRINT** Check for Availability on eBay or from used book stores.

**LOOKING OUT FOR OUR FORESTS, the Evolution of a Plan to Protect New Hampshire's Woodlands from Fire** by Iris W. Baird, \$10.00 + \$4.00 shipping from: Chris Haartz, PO Box 162, Campton NH 03223

**A FIELD GUIDE TO NEW HAMPSHIRE FIRE TOWERS, second revised edition** by Chris Haartz and Iris W. Baird, \$5.00 + \$3.00 shipping (same address as above).

**FOUR-ELEVEN! Pulaskis, Planes & Forest Fires** by Rich Falletto. Four summers on Washington's Wenatchee NF in the early 1960s. Available from bookstores. ISBN: 1452892903

**A VIEW FROM THE TOP: Maryland's Fire Towers** by Barbara M. Garner. Descriptions of all of Maryland's fire towers - 46 locations. Check used book stores. ISBN: 0982298560

**BETWEEN FOREST AND SKY: A Fire Tower Journal** by Sharon Stratton. A fire tower journal of several seasons in northern Alberta. Available from bookstores. ISBN: 1894974166

**STANDING WATCH: The Fire Towers of Arizona** by Eileen Moore. Features the state's eighty-one fire towers and cabins and includes 115 photos. [www.mortenmoorepublishing.com](http://www.mortenmoorepublishing.com).

**CLIMBING THE LADDER LESS TRAVELED, Adventures, Insights and Life Journeys** by Joe Bill. Check used book stores. ISBN: 0971778108

**HIKING WASHINGTON'S FIRE LOOKOUTS** by Amber Casali. This guide features hikes to 44 fire lookouts in the Cascades and Olympics and includes history, anecdotes, photos, and more. Available from [www.Amazon.com](http://www.Amazon.com). ISBN: 1680510606

**BUCKSKIN LARCH AND BEDROCK** by Mike Hiler. Collection of poems and passages from the Central Washington Cascades. Available from bookstores. ISBN: 1453844074

**HIGH-MOUNTAIN TWO-MANNER** by Frank Fowler - A Montana smokejumper's memoir based on letters home to his mother. Available from bookstores. ISBN: 1599269570

**FINDING FIRE: A Personal History of Fire Lookouts in Lane County, Oregon** by Doug Newman. From bookstores - ISBN: 0964843439 or [www.lanecountyhistoricalsociety.org/](http://www.lanecountyhistoricalsociety.org/)

**FIRE LOOKOUT HIKES IN THE CANADIAN ROCKIES, Second Edition** by Mike Potter. Available from bookstores or e-mail: [luminouscompositions@shaw.ca](mailto:luminouscompositions@shaw.ca). ISBN: 0969443854

**WALKING ON TREES: Views from the Back Country** by Russell Drew Hanbey. Fire lookout, smokechaser and wilderness ranger in the North Cascades. Available from [www.Amazon.com](http://www.Amazon.com). ISBN: 0991494008

**EYES OF THE FOREST** by Vivian Demuth Novel set in the boreal forests of Canada. ISBN: 9780968562352. Available from bookstores.

**FIRE WATCHER** by Vivian Demuth Collection of poems written at a Canadian fire tower. Available from bookstores. ISBN: 1550716964

**BLUE RIDGE FIRE TOWERS** by Robert Sorrell. Available from [www.Amazon.com](http://www.Amazon.com). ISBN: 1626198179

**LOOKOUTS IN THE SOUTHWESTERN REGION** is available online: <http://ir.library.oregonstate.edu/jspui/handle/1957/9577>.

**FROM YORK TO THE ALLAGASH, Forest Fire Lookouts of Maine** by David N. Hilton. Limited number of copies available on eBay, or check used book stores. ISBN: 1890454044

**FIRE TOWER** by Jack Kestner (republished in 2007) online at [www.clinchmountainpress.net](http://www.clinchmountainpress.net)

**FIRE LOOKOUTS & MOUNTAIN CLIMBING IN OREGON 1920-1948: A Collection of Stories and Pictures** by Curtis E. Gould with Tim Gould. Pictures, notes, poems and accounts from a lookout in the Mt. Hood NF during the 1920's, 1930's and 1940's. Available from [www.Amazon.com](http://www.Amazon.com). ISBN: 1545205167

**NORTHWEST MONTANA FIRE LOOKOUTS: A Hiking Guide (Volume One) and NORTHWEST MONTANA FIRE LOOKOUTS: Volume Two** by Steve Rains. Two volumes of Northwest Montana Fire Lookouts Hiking Guides, each has 30 lookouts and includes trailhead directions, route statistics, and photos. Available from [www.nwmt-ffla.org/store-guide-books](http://www.nwmt-ffla.org/store-guide-books) or [www.Amazon.com](http://www.Amazon.com). ISBN: 0988948001 (vol. 1), ISBN: 0988948028 (vol. 2).

**SQUAW PEAK DIARIES** by Lewis J. Faber and Brenda G. Faber. Humorous account of a 17-year old serving as a lookout during World War II. A return trip seventy years later includes twists and turns never imagined. Available from [www.Amazon.com](http://www.Amazon.com). ISBN: 1518605974

**HIKES, FLIGHTS & LOOKOUT STORIES: Life Lessons from High Places** by G. Roger Schoenhals. Includes tales from the author's life as a fire lookout, including the night a fire broke out inside a lookout. Available from [www.redemption-press.com/shop/product/102461](http://www.redemption-press.com/shop/product/102461) or [www.Amazon.com](http://www.Amazon.com). ISBN: 1683140583

**RAMBLIN' BOY: The Letters of Steve Hoyt** by Daniel Leen. Includes descriptions of four seasons spent on lookouts during the late 60s and early 70s. Available from [www.Amazon.com](http://www.Amazon.com). ISBN: 0963291297

**FIRE SEASON: Field Notes from a Wilderness Lookout** by Philip Connors. Available from bookstores. ISBN: 0061859362

**I REMEMBER WHEN: The Untold Story of Helen Ellett** by Randy Kneer (FFLA Member). The story of the courageous Dickinson Hill Observer in Grafton, New York. \$9.95 + \$2.00 shipping/handling from: Podskoch Press, 43 O'Neill Lane, East Hampton, CT 06424, 860-267-2442.

**BLACK HILLS NATIONAL FOREST, Harney Peak and the Historic Fire Lookout Towers (Images of America Series)**

by Jan Cerney and Roberta Sago. Over 200 images of Black Hills lookouts. Available from bookstores. ISBN: 0738583707

**THIS IS OUR FOREST: A Collection of Stories from a Lookout-Smokechaser Who Worked in the Bitterroot Mountains of Montana and Idaho** by Harold E. Coffman. Out of print, check used book stores. ISBN: 0971554005

**GUARDING DINOSAUR** by Jean Burt Polhamus. The 1953 adventures of a young couple serving as fire lookouts in Dinosaur National Monument. Available at [www.lulu.com](http://www.lulu.com).

**MOUNTAINS OF MEMORY: A Fire Lookout's Life in the River of No Return Wilderness** by Don Scheese. Available from [www.uiowapress.org/](http://www.uiowapress.org/) or from bookstores. ISBN: 0877457840

**LONELY ON THE MOUNTAIN: A Skier's Memoir** by George M. Henderson, Memoir of growing up in Montana and Idaho logging camps, as an Oregon lookout and smokechaser, and as a pioneer in the development of skiing on Mount Hood. \$23.00 + \$3.00 s/h, from Donna Henderson, PO Box 352, Maupin, OR 97037, [dnnhndrsn@gmail.com](mailto:dnnhndrsn@gmail.com). Also available at the Government Camp (OR) General Store, or bookstores. ISBN: 1412082331

**HOW TO RENT A FIRE LOOKOUT IN THE PACIFIC NORTHWEST (2nd Edition, 2005)** by Tish McFadden and Tom Foley. Available in bookstores. ISBN: 0899973841

**FISH CREEK: A Western Adventure** by Robert Lodder - Working on Fish Creek Lookout, near Grangeville, Idaho in 1960 and 1961. Available from bookstores. ISBN: 1420861301

**FIRE IN THE FOREST: Forest Service Fire Fighters** by Philip G. Smith. Life on a fire crew in the early 1970's. Available from [www.Amazon.com](http://www.Amazon.com). ISBN: 1492887013

**MORTON PEAK** by Jack Dietz. Novel set at Morton Peak Lookout in the San Bernardino NF. Available from bookstores. ISBN: 1441511938

**Vicky MacLean Books**

**A HOME IN THE WOODS, Montana's Westside Ranger Stations**, ISBN: 1503164454, and **HOME ON THE RANGE, Montana's Eastside Ranger Stations**, ISBN: 1494367041, both available from bookstores. **The HELENA NATIONAL FOREST, The Early Days**, Helena NF History includes a chapter on lookouts. \$16.95 from the Montana Discovery Foundation, 406-495-3711.

**Dixie Boyle Books**

**BETWEEN LAND & SKY: A Fire Lookout Story**, Former FFLA director's experiences from twenty years as a fire lookout. ISBN: 1432704397

**TRUE STORIES OF FRONTIER WOMEN: 1860 to Present**, History of women making up America's frontier, including fire lookouts. ISBN: 1432704397. **THE ENCHANTMENT OF NEW MEXICO: Local Stories of the Land & People**, Local stories about the state's history, including a section on Cibola NF lookouts. ISBN: 1432704397. Available from [www.Amazon.com](http://www.Amazon.com).

**North Carolina National Forests Histories NANTAHALA NATIONAL FOREST: A History** (ISBN: 1467136379) came out in 2017 and **PISGAH NATIONAL FOREST: A History** (ISBN: 9781626196346) in 2014. Both books are by Marci Spencer, available from [www.Amazon.com](http://www.Amazon.com).

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## FFLA CAPS

Embroidered FFLA logo caps are now in stock, available in two styles, both adjustable to fit. The shaped, structured caps are available in charcoal gray or forest green. The soft, low-profile unstructured caps come in charcoal gray, forest green, or a "washed" hunter green. Specify color and structured (left) or unstructured (right) style.

\$20.00 each (includes shipping/handling)



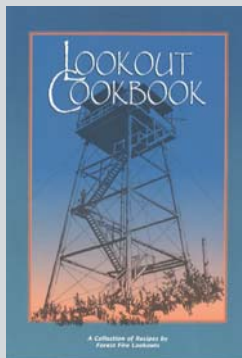
## LOOKOUT COOKBOOK

*A Collection of Recipes by Forest Fire Lookouts*

by Libby Langston

*Lookout Cookbook* is a blend of recipes, history, personal stories, and over 100 photographs bringing together the lookout staffers, their stations, and their creativity. *Lookout Cookbook* is a cooperative venture between the North Idaho/Montana Chapter of the Forest Fire Lookout Association, the Lolo National Forest and the Museum of North Idaho.

\$14.95 each + \$4.00 s/h for first book, \$1.00 s/h for each additional book to same address.



## FFLA SHIRTS!

**Most prices include shipping**  
(Additional shipping for non-U.S.A. orders)

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Multi-colored embroidered FFLA logo patches, 2-1/2 inches per side (3-1/2" across) continue to be available.

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**Keep your drinks colder longer while displaying the FFLA logo!**

The crisp white FFLA logo outline stands out on two sides of the royal blue foam can cooler. The coolers are made of polyurethane foam with a no-slip grip.

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Full-color FFLA logo vinyl decals with rear adhesive. Three sizes are available, the large is 5" across (3-3/4" per side), the medium is 3-1/2" across (2-1/2" per side), and the small is 2-1/2" across (1-3/4" per side). The small decal is ideal for hardhat applications, the medium is the same size as the popular FFLA multi-colored patch.

Large (5") decals, \$1.50 each, Medium (3-1/2") \$1.00 each, Small (2-1/2") \$0.75 each. Shipping: \$.50 per order

### New York Centennial Patch

With the recent centennials of several New York Fire Towers, the Centennial patch is now available again! The 3" x 3" patches are **on sale for \$5.00 each**

(includes s/h). The patches are also available in person from New York State Director Laurie Rankin.



Black/white full-front design w/4-color FFLA logo on Ash color shirts

**Wide range of sizes available!**

T-shirts (short-sleeve)

S, M, L, XL, 2X, 3X

\$20.00 each (includes shipping/handling)

T-shirts (long-sleeve)

S, M, L, XL, 2X

\$22.00 each (includes shipping/handling)

Sweatshirts (long-sleeve)

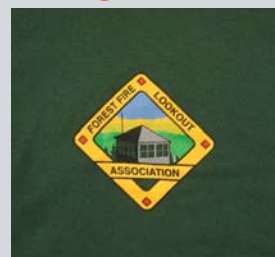
S, M, L, XL, 2X, 3X

\$30.00 each (includes shipping/handling)

### GREEN T-SHIRT

**Small Logo**

FFLA Logo on Left Chest short-sleeve Forest Green S, M, L, XL, 2X \$20.00 each (includes s/h)



### LOOKOUT NETWORK CD

The entire collection of LOOKOUT NETWORK issues is now available on CD. Each issue, beginning with Vol.1, No.1, has been scanned and saved as a .pdf file. An index is also included to easily search for past articles. As a bonus, a variety of local/regional editions produced prior to the advent of central printing/mailling are also included!

\$20.00 each (includes shipping/handling)

### Cornell Hill Tower Patch

The patch commemorating New York's Cornell Hill Fire Tower and Camp Saratoga (Spring 2011 issue) is still available. The 3-1/2" x 4" patch may be ordered from "FFLA-Gary Weber", \$10.00 each (includes s/h).





# FOREST FIRE LOOKOUT ASSOCIATION DIRECTORY

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