

1913

United States Department of the Interior
National Park Service

NOV 14 1990

National Register of Historic Places
Registration Form

NATIONAL REGISTER

This form is for use in nominating or requesting determinations of eligibility for individual properties or districts. See instructions in *Guidelines for Completing National Register Forms* (National Register Bulletin 16). Complete each item by marking "x" in the appropriate box or by entering the requested information. If an item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, styles, materials, and areas of significance, enter only the categories and subcategories listed in the instructions. For additional space use continuation sheets (Form 10-900a). Type all entries.

1. Name of Property

historic name Tyee Mountain Lookout
other names/site number _____

2. Location at summit of Tyee Mountain on

street & number Wenatchee National Forest, Entiat R. D. not for publication
city, town Entiat vicinity
state WA code 053 county Chelan code 007 zip code _____

3. Classification

Ownership of Property	Category of Property	Number of Resources within Property	
<input type="checkbox"/> private	<input checked="" type="checkbox"/> building(s)	Contributing	Noncontributing
<input type="checkbox"/> public-local	<input type="checkbox"/> district	<u>1</u>	_____ buildings
<input type="checkbox"/> public-State	<input type="checkbox"/> site	_____	_____ sites
<input checked="" type="checkbox"/> public-Federal	<input type="checkbox"/> structure	_____	_____ structures
	<input type="checkbox"/> object	_____	_____ objects
		<u>1</u>	_____ Total

Name of related multiple property listing:
USDA Forest Service Fire Lookouts on Wenatchee N.F.
Number of contributing resources previously listed in the National Register _____

4. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1966, as amended, I hereby certify that this nomination request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property meets does not meet the National Register criteria. See continuation sheet.
[Signature] 7-17-89
Signature of certifying official Date
Washington State Office of Archaeology and Historic Preservation
State or Federal agency and bureau

In my opinion, the property meets does not meet the National Register criteria. See continuation sheet.
[Signature] 10-25-90
Signature of commenting or other official Date
USDA Forest Service
State or Federal agency and bureau

5. National Park Service Certification

I, hereby, certify that this property is:
 entered in the National Register.
 See continuation sheet. [Signature] 12/27/90
 determined eligible for the National Register. See continuation sheet.
 determined not eligible for the National Register.
 removed from the National Register.
 other, (explain): _____
for Signature of the Keeper Date of Action

6. Function or Use

Historic Functions (enter categories from instructions)

Other: Fire Lookout

Current Functions (enter categories from instructions)

Other: Fire Lookout (emergency)

7. Description

Architectural Classification
(enter categories from instructions)

Other: Standard Plan L-4 (1932)

-Hipped roof vernacular

Materials (enter categories from instructions)

foundation stone - granite

walls plywood

roof cedar shingles

other

Describe present and historic physical appearance.

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Tyee Mountain Lookout is located at an elevation of +6654', on Tyee Ridge, above the Entiat and Mad River drainages, in the Entiat Mountains. The immediate site includes granite outcrops and rock pinnacles, subalpine flora and pine trees. The Lookout is accessed via primitive forest roads, which traverse fir and pine forests including previously burned areas. The Lookout commands a panoramic 360° view beyond the Enchantment Peaks to Mt. Rainier, to the Chelan Mountains and Pyramid Peak and beyond the Columbia River to the arid Waterville plateau.

This standard lookout house is constructed upon an indigenous rock foundation of red-rust colored granite. Of particular note are pieces of granite which are ingeniously cantilevered in order to support a catwalk post. The Lookout was constructed according to the standard Plan L-4 (Revised 1932) and exhibits several typical/original character defining features. These features include; a 14'x14' plan with hipped (pyramidal) roof; 1x6 v-groove rustic siding (currently covered by plywood siding), an expansive glazed wall area composed of two-over-two fixed and pivoting type window sash; panel door with two-over-two window panel; cedar shingle roofing with ornate galvanized metal ridge flashing; five original T&G type built-up shutters remain in place and utilize original 2x2 shutter braces and support hardware. The lookout includes an atypically detailed catwalk that is accessed via standard wood frame stairs on a concrete base which may have been relatively recently constructed. The original lightning protection system remains in place. A modern radio antenna is attached to the lookout in order to operate U.S. Forest Service radio equipment stored inside.

The interior of the lookout exhibits atypical Plan L-4 floor and ceiling finishes, plywood with battens, which appear to be laid over original 1 x 4 T&G paneling. Vinyl asbestos tile flooring has also been installed. Original standard wooden furnishings include: standard firefinder stand (firefinder has been removed and is stored at the Entiat Ranger District Headquarters); desk/table; two low storage cabinets, and the lightning stool.

The site also includes an old wooden flagpole, an imbedded USGS marker and path systems line with native stone. With the exception of partial shutter removal and cladding added over original exterior building fabric the Tyee Mountain Lookout remains relatively unaltered and is in generally good condition.

8. Statement of Significance

Certifying official has considered the significance of this property in relation to other properties:

nationally statewide locally

Applicable National Register Criteria A B C D

Criteria Considerations (Exceptions) A B C D E F G

Areas of Significance (enter categories from instructions)

Architecture
Conservation
Politics/government

Period of Significance

c1930 - present

Significant Dates

1933

Cultural Affiliation

N/A

Significant Person

N/A

Architect/Builder

Clyde P. Fickes / J. B. Helm
Civilian Conservation Corps

State significance of property, and justify criteria, criteria considerations, and areas and periods of significance noted above.

See continuation sheet

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Tyee Mountain Lookout is significant for its historic association with the development of the USDA Forest Service and the stewardship and conservation of our National Forests, as part of a comprehensive forest fire surveillance and detection system. The Lookout is also significant as it embodies the distinctive characteristics of a uniquely functional property type designed for and constructed in challenging mountain terrain. The Lookout also possesses significance as it reflects the accomplishments of the Civilian Conservation Corps and their significant contribution to the development, improvement and conservation of National Forests in the Pacific Northwest.

Historic Background:

Concern for the protection of America's natural resources led to the enactment of the Forest Reserve (Creative) Act of 1891 and establishment of Forest Reserves administered by the general Land Office within the Department of the Interior. In 1905, the Forest Service within the Department of Agriculture (USDA) was established and assumed responsibility for the Reserves, which then became known as National Forests. Thus, the Forest Service began to develop a comprehensive system for the administration of the forests which included the construction of Ranger and Guard Stations, forest trails and roads and the establishment of fire lookout stations. Fire crews were then formally recruited and paid. The creation of this Federal agency, however poorly equipped and meagerly financed, was a tremendously important historic advance in public attitude and recognition of natural resource conservation and the need to anticipate and rapidly respond to the threat of forest fires.

The earliest recorded lookout sites on Wenatchee National Forest were "camps" at Sugarloaf Peak, Icicle Ridge, Dirtyface Peak and Tiptop which were formally established c.1914. Typical of lookout stations of this era, the lookout personnel camped in a tent or "rag house" below the selected peak and climbed daily to the lookout point which was equipped with a phone, maps and fire finding instrument. Between 1916 and 1919 permanent lookout houses, of specialized design and most often the standard D-6 (cupola style) design, were constructed on several lookout points throughout the Forest.

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By 1922, a well developed road and trail system extended well into the Forest and included a horse trail to Tyee Mountain. Forest Service Organization and Fire Atlas records dated 1932 indicate the initial use of Tyee Mountain for fire surveillance and detection purposes. No permanent lookout house was noted although it appears to have been a primary lookout point equipped with a firefinding instrument. By 1934, it was noted, on similar Fire Atlas records, as an existing "permanent" lookout station. It was during this era that enrollers of the Civilian Conservation Corps helped to construct 30+ lookout houses on the Forest, vastly expanding the lookout network as well as improving and extending forest roads and trails. The Lookout appears to have been constructed early on in the C.C.C. era, and according to the standard Plan L-4 specifications which were utilized primarily during the mid-1930's. Specific records related to the actual construction appear to have been destroyed although Forest maps and extent historic building fabric clearly reflect the assumed construction date and historic associations. Haven Stanaway, a former Fire Control Officer on Wenatchee N.F. reported that lumber for the catwalk was packed into the Lookout c.1938 and that the road was completed sometime thereafter. Although the C.C.C. was involved in the construction of most new forest roads during this era, the last two miles of road to Tyee Mountain Lookout was apparently completed by a logging company. Mr. Stanaway reported that it was a common practice for private logging companies to also build new access roads in lieu of removing "slash", left from logging operations, which would otherwise create an additional fire hazard.

Tyee Mountain Lookout continued to be used by the Forest Service for fire surveillance and detection purposes through the 1960's as the great majority of fire lookouts on the Forest were being disposed of. In 1967, the District Ranger reported that the Lookout was in "very good condition" and that "maintenance costs should be low for quite sometime." Despite modern aerial surveillance techniques, this Lookout continues to be retained by the Forest Service for emergency use and communication purposes due to the particular vulnerability of the Wenatchee National Forest during the fire season.

9. Major Bibliographical References

Kresek, Ray. Fire Lookouts of the Northwest. Ye Galleon Press, Fairfield, WA. 1984.

Spring, Ira. Lookouts: Firewatchers of the Cascades and Olympics. The Mountaineers. Seattle, Wa, 1981.

Stanaway, Haven. Entiat, WA. Telephone interview, 10/12/88.

Miscellaneous Administrative records and documents on file at Forest Fupervisor's Office, Wenatchee National Forest, Wenatchee, WA.

Miscellaneous Historic Maps - 1908-1936, Wenatchee National Forest, Forest Supervisor's Office, Wenatchee, WA.

See continuation sheet

Previous documentation on file (NPS):

- preliminary determination of individual listing (36 CFR 67) has been requested
- previously listed in the National Register
- previously determined eligible by the National Register
- designated a National Historic Landmark
- recorded by Historic American Buildings Survey # _____
- recorded by Historic American Engineering Record # _____

Primary location of additional data:

- State historic preservation office
- Other State agency
- Federal agency
- Local government
- University
- Other

Specify repository: USDA Forest Service, Wenatchee N.F., Forest Supervisor's Office, Wenatchee, WA

10. Geographical Data

Acreage of property less than one

UTM References

A

1	0	6	8	9	2	2	0	5	3	0	4	1	0	0
Zone			Easting					Northing						

C

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

B

Zone			Easting					Northing						

D

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

See continuation sheet

Verbal Boundary Description

TYEE Mountain Lookout is located in a portion of SE $\frac{1}{4}$ of SE $\frac{1}{4}$, Section 5 T. 27N R19E, Willamette Meridian. Proposed nomination to include lookout house, any related rock foundation and guy anchorage system and immediate access trail or associated site features within a 50 foot radius of the center of the Lookout per USGS map - Tyee Mountain Quandrangle.

See continuation sheet

Boundary Justification

The boundary includes the identified resource and all associated immediate site features.

See continuation sheet

11. Form Prepared By

name/title Katheryn H. Krafft

organization Krafft & Krafft date November 1988

street & number 85 So. Washington telephone (206) 587-0413

city or town Seattle state WA zip code 98104

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USDA Forest Service Fire Lookouts on Wenatchee NF MPS

WASHINGTON

	Date Listed
COVER	
1. Badger Mountain Lookout	Substantive Review <u>12/26/90</u>
2. Chelan Butte Lookout	Substantive Review <u>12/27/90</u>
3. Sugarloaf Peak Lookout	Substantive Review <u>12/27/90</u>
4. Tyee Mountain Lookout	Substantive Review <u>12/27/90</u>
	Substantive Review <u>12/27/90</u>

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SUPPLEMENTARY LISTING RECORD

NRIS Reference Number: 90001913 Date Listed: 12/27/90

Tye Mountain Lookout Chelan WA
Property Name County State

USDA Forest Service Fire Lookouts on Wenatchee NF MPS
Multiple Name

This property is listed in the National Register of Historic Places in accordance with the attached nomination documentation subject to the following exceptions, exclusions, or amendments, notwithstanding the National Park Service certification included in the nomination documentation.

for Antoinette J. Clee
Signature of the Keeper

1/7/91
Date of Action

=====

Amended Items in Nomination:

Statement of Significance: The Period of Significance should be amended to read c1933-1940.

This information was confirmed with Evan I. DeBloois of the U.S. Forest Service.

DISTRIBUTION:

- National Register property file
- Nominating Authority (without nomination attachment)

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

REQUESTED ACTION: NOMINATION

PROPERTY Tyee Mountain Lookout
NAME:

MULTIPLE USDA Forest Service Fire Lookouts on Wenatchee NF MPS
NAME:

STATE & COUNTY: WASHINGTON, Chelan

DATE RECEIVED: 11/14/90 DATE OF PENDING LIST: 11/30/90
DATE OF 16TH DAY: 12/16/90 DATE OF 45TH DAY: 12/29/90
DATE OF WEEKLY LIST:

REFERENCE NUMBER: 90001913

NOMINATOR: STATE

REASONS FOR REVIEW:

APPEAL: N DATA PROBLEM: N LANDSCAPE: N LESS THAN 50 YEARS: Y
OTHER: N PDIL: N PERIOD: Y PROGRAM UNAPPROVED: N
REQUEST: N SAMPLE: Y SLR DRAFT: Y NATIONAL: N

COMMENT WAIVER: N

ACCEPT RETURN REJECT 12/27/90 DATE SLR 1/7/91

ABSTRACT/SUMMARY COMMENTS:

The Tyee Mountain Lookout is significant for its association with the development of a comprehensive forest fire surveillance and detection system in the part of the Forest Service. In addition, the lookout is significant for its embodiment of a functional property type assembled in a remote mountain location.

RECOM./CRITERIA Accept 1A+c
REVIEWER Antoinette Blue
DISCIPLINE History
DATE 12/27/90

DOCUMENTATION see attached comments Y/N see attached SLR Y N

CLASSIFICATION

count resource type

STATE/FEDERAL AGENCY CERTIFICATION

FUNCTION

historic current

DESCRIPTION

architectural classification
 materials
 descriptive text

SIGNIFICANCE

Period Areas of Significance--Check and justify below

Specific dates Builder/Architect
Statement of Significance (in one paragraph)

summary paragraph
 completeness
 clarity
 applicable criteria
 justification of areas checked
 relating significance to the resource
 context
 relationship of integrity to significance
 justification of exception
 other

BIBLIOGRAPHY

GEOGRAPHICAL DATA

acreage verbal boundary description
 UTM's boundary justification

ACCOMPANYING DOCUMENTATION/PRESENTATION

sketch maps USGS maps photographs presentation

OTHER COMMENTS

Questions concerning this nomination may be directed to

_____ Phone _____

Signed _____ Date _____



Tyee Mountain Lookout
Nr. Entiat, WA.

Chapin K. Kraftt
August 1988

Kraftt & Kraftt, Seattle, WA.

View NW of south & east elevations
2 of 5



Tye Mountain Lookout



Tyee Mountain Lookout



Tye Mountain Lookout

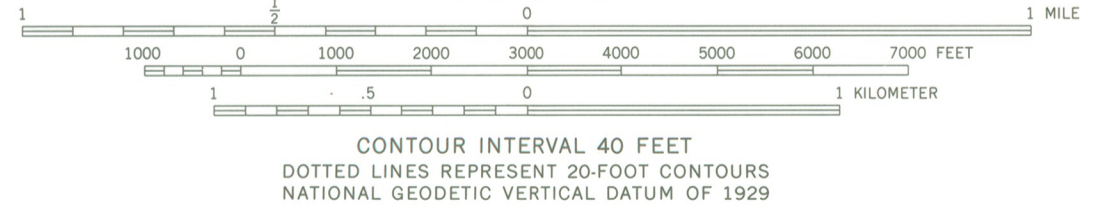
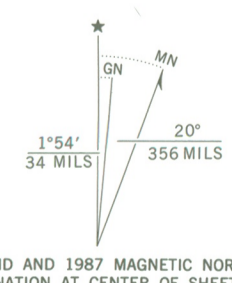


Tyce Mountain Lookout

Tyee Mtn. Lookout
nr. Entiat, WA.
Zone 10
Easting 689220
Northing 5304100



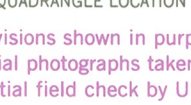
Mapped, edited, and published by the Geological Survey
Control by USGS and NOS/NOAA
Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1968
Polyconic projection, 1927 North American Datum
10,000-foot grid based on Washington coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue
To place on the predicted North American Datum 1983 move the projection lines 20 meters north and 88 meters east as shown by dashed corner ticks
There may be private inholdings within the boundaries of the National or State reservations shown on this map



ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U.S. Route
	State Route

QUADRANGLE LOCATION



TYEE MTN., WASH.
47120-G4-TF-024

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple and woodland compiled from aerial photographs taken 1983 and other source data
Partial field check by U. S. Forest Service. Map edited 1987
1968
PHOTOREVISED 1987
DMA 1879 IV SW-SERIES V891