

Bull Trout Spawning Survey  
N. ~~17~~ Abatanum 9/11/97  
0915-1200 47°F

1

Grey Cr CG to Shellneck Cr.  
Redds Fish Ct/Rs  
Def Prob Pos BLC 25-35  
|||| 1 0 0

Shellneck Cr - 1200 - 1315

2

Redds Fish  
Def Prob Pos BLC Ct/Rs  
0 0 0 0 8-10

ID'ed no BLC. Saw  
trout

J Cummins

1  
9  
9  
7

9/25/97 [1] 1015 Hrs - 1330 Hrs.  
E. Anderson, K. Wolf (WDFW)  
N.F. Antanum Cr. BLC Spawner  
(Redd Count) Survey  
Grey Cr. Trailhead Bridge to  
Shellneck Cr. 1520 Temp 45°F  
Old Def. 11.11

" Prob. 1

" Pos. About a dozen  
cows hanging

New Def out in the stream

" Prob. in the area of

" Pos. the redds - cow pies

Fish  $\phi$  all around redds,  
called DWR office  
about cattle

Shellneck Cr. - mouth to  
log road crossing 1330-1500 Hrs.  
No Old Redds

New Def. 11

Fish  $\phi$

Water Temp. 45°F

Cattle xing in upper index but no  
cows observed - cow sign on banks



OK

Sept. 3, 1997 S.F. Tieton BLC  
Spawning Survey - Redd Count  
Water Temp. 49°F 1020-1220 Hrs.  
Junction Rd 1040 to No Name Bridge  
Rd. (near Spruce Cr.)

Def.  $\phi$

Prob.  $\phi$

Pos.  $\phi$

Fish (Tagged)  $\phi$

(Not Tagged) 1

(Unknown)  $\phi$

Raining - Water clarity ok but  
some turbidity.

E. Anderson

Redds

Sept. 4, 1997

OK

Tim Eichler (CWA Technician)

S.F. Tie for BLC spawning  
(Redd count survey),

Falls to Bear Creek,

Redds

Det.

Prob. 1

Pos. 11 (two)

Fish, 1 Tag, 1 Not Tag.

Bear Creek

Redds

Det. ~~1111~~ 1111

Prob. 1

Pos. 1

Fish 9 Tag, 31 Not Tagged  
6 Unknown

Jim Shannon (CWA Technician)  
(Corral creek to Rd 1040 Junction)

Det. 4

Prob. 0

Pos. 1

Fish Tagged 0

No Tag 6

Unknown 1

Bull Trout Spawning Survey

S. Fork Tieton 9/13/97  
1040

Bear Cr - Bridge to S.F. Tieton  
Redds Fish

Def	Pros	Pos	Tag	Untag	Unknown
None					NONE

Bear Cr to Corral Cr - SF Tieton  
Redds Fish

Def	Pros	Pos	Yellow Tag	No Tag
1111			1111	1
			1	

Eric has additional data.

Rain early - first 45 min.  
turns cloudy. Water slightly  
turbid but good visibility in  
most spawning habitat.

J. Cummins

9/22/97 S.F. Tieton R. OK  
J. Shannon, Tim Eichler  
Bull Trout Spawning Survey  
Redd Count - New Redds.

Def, IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII

Prob, 0

Pos, 0

Fish IIII IIII IIII IIII

Old Redds

Def 113

Prob, 3

Pos, 1

Including Bear Creek  
& Falls to No Name Bridge



10/2/97

OK

J. Shannon + T. Eichler  
(CWN Students/Technicians)  
S.F. Tieton R. - BLC Redd  
Count

Falls down to Corral Creek  
and Bear Creek.\*

Old Def 115 ← includes Bear Cr.

Prob.  $\phi$

Pos.  $\phi$

Fish 5

New Def. 5

Prob.  $\phi$

Pos.  $\phi$

Bear Creek only\*

Def. 32

Prob.  $\phi$

Pos.  $\phi$

Fish  $\phi$

OK

S.F. Tieton R. BLC Spawner  
Survey 10/2/97 E. Anderson  
0945 - 1430 Hrs

Corral Cr. C.G. to Spruce Creek  
(No Name Bridge)

Old Def. ~~|||||~~  
Prob. -  
Pos. -

New Def. |||  
Prob. -  
Pos. -

Fish 1

H<sub>2</sub>O Temp. 46°F

<sup>old</sup> 1 Redd at mouth of Spruce  
Cr. counted into total.

No redds below  
USFS Rd Junction at "Y".  
(West of Blue Slide area).

9/24/97

Bull Trout ~~Spawning Survey~~

Indian Cr. Trap

235 ± BLC

most tagged

Fish spawn below trap.

Few Kokanee (few dozen) in  
Indian Cr.

About 1/2 tagged

S.F. Terton

90 BLC

9/24/97 Kokanee Spawning Survey

N.F. Terton - Kokanee

Spawning Survey.

Few Kokanee

approx 1500 Kok

5/10/91

G.F. Tieton

New Rodds

94 Def

7 Prob

4 Pos

23 Tapped

21 Not Tapped

44 Unknown

Includes (40 Def. in Bear Cr.)

Indian.

94 Def

07 Prob

1 Pos

15 Tapped

16 Not Tapped

6 Unknown

~~Handwritten notes, heavily scribbled out.~~

~~Indian. 10/15/91 New day site  
P. T. Tieton R. 20 E. 1000  
Indian Cr. 10/15~~



# Bull Trout Redd Counts (cumulative Totals)

## ~~Deep Creek~~

	<del>8/29/97</del>	<del>9/11/97</del>	<del>9/12/97</del>	
Def.	<del>38</del>	<del>75</del>	<del>123</del>	> 126
Prob.	<del>3</del>	<del>15</del>	<del>3</del>	
Pos.	<del>0</del>	<del>4</del>	<del>3</del>	

## S.F. Tieton River

	9/3-4/97	9/12/97	9/22/97	10/2/97	
Def.	19	113	169	177	> 177
Prob.	2	9	3	0	
Pos.	4	8	1	0	

## ~~Box Canyon Creek~~

	<del>9/19/97</del>	<del>9/29/97</del>	<del>10/6/97</del>	<del>10/20/97</del>	
Def.	<del>0</del>	<del>2</del>	<del>2</del>	<del>10</del>	> 10
Prob.	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	
Pos.	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	

## American River

	9/11/97	9/15/97	
Def.			177
Prob.			
Pos.			

110  
46  
156  
24  
156  
110  
46  
156

700 p

~~Scott Hooper~~ ~~in American~~

~~653-2205~~

241	283
249	299
192	192

~~260~~

below Union

extreme turbidity  
47°F

American R. 9/11/97

Def. 1  
Prob. 1  
Pos. 1

Fish 1

American R. 9/11/97 48  
29 mile above Hwy 480  
at Ladoppe Co.

Def. 4  
Fish 5

to  
Magatche  
creek  
Tvd  
cro

Union Co. - 1045 hrs.

Def 12 Fish 4

over.

1  
9  
9  
7

American R. 9/15/97 11:30 hrs

Pleasant Valley C.G. (Kettle Cr.) to Hells Crossing  
C.G. Hwy 410 Bridge

1 Fish  
& Redds.

Under Cr. - Pleasant Valley  
(Kettle Cr.)

4

Def 4

Below

Union Cr.

→

Prob. 2

Several  
Hundred  
Yards

~~4~~

22 total Redds

1
9
9
7

10/20/97

Box Canyon Creek BLC Spawner  
Survey (Redd Count).

H<sub>2</sub>O Temp 43°F

Old Redds

Def 2

Prob.  $\phi$

Pos.  $\phi$

New Redds

Def. 8

Prob.  $\phi$

Pos.  $\phi$

6 Fish Observed

Spawning appeared to be near  
complete - fish were very  
scattered & beatup looking.

(4 near redds 2 actively spawning)

Eric Anderson.

Late  
spawning?



10/8/97

Box Canyon Creek  
BLC Spawner Survey

2 old Def Redds  
No Prob. or Pos.

No new Redds

4 Fish observed

E. Anderson

Box Canyon Creek File  
 9/29/97  
 BLC Redd Count

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MEMORANDUM

TO: Eric Anderson  
 SUBJECT: Bull Trout Spawning Survey  
 DATE: 01 October 1997

On 29 September 1997 Walt Larrick and I surveyed Box Canyon Creek for spawning bull trout, walking from the campground upstream to the large waterfall. The water temperature was 8 C (about 47 F). We counted two bull trout redds in the low gradient reach below the large waterfall. We also saw four large bull trout holding in the pool below the first falls we encountered while walking upstream, and we saw two more adults in a pool in the gorge.

While we were having lunch at the large waterfall we talked to an individual who had been camping at the falls three weeks earlier. During his camping trip he thought he observed salmon jumping up the waterfall, but we explained to him they were bull trout. Larrick and I concluded there is a strong possibility bull trout are capable of passing over the waterfall to migrate upstream.

<u>Redds</u>	Def	2	Fish	6
	Prob.	0		
	Pos.	0		

1  
9  
9  
7

Sept. 19, 97

Box Canyon Creek

BLC Spawner Survey (Redd Count)

E. Anderson + Monty Price (WOFW)

No Redds observed - Foot  
bridge to 1st falls.  
(Normal spawning zone).

4 BLC (Fish) observed  
in pools - staging.

9/12/97

OK

Deep Creek

44°F

BLC Redd Count (Old + New)

E. Anderson Paul Hoffarth

above Rd 1800

Def, ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~  
~~||||~~ ~~||||~~ |

Prob. -

Pos. -

1

Fish |

36 redds From bridge thru braids

below Rd 1800

Right Fork

Def ~~||||~~ ~~||||~~ |||

(Looking downstream)

Prob. -

Good Flow to mouth,

Pos. -

Fish -

2



S.F. Tieton R. 9/12/97

OK

Jim Shannon + Tim Eichler

Falls to No Name Bridge

New Redds

Def. IIII IIII IIII IIII IIII IIII IIII IIII  
III III III

Prob. IIII 11

Pos IIII

old Redds  
Def IIII III  
Prob. 1  
Pos III

Bear Creek - New Redds

Def III III III III III III  
III III

Prob. —

Pos. —

Bear old Redds  
Def IIII IIII 1  
Prob. 1  
Pos. 1

Total Fish

Tagged

No Tag

Unknown

III III III III  
III III III

III III III  
1

III III III III  
III III III III

ok

8/29/97 Deep Cr. BLC  
Spawning Survey - Redd Count  
Water Temp. 45°F 1000 Hrs  
Falls to downstream.  
De.F. ~~III~~ ~~III~~ ~~III~~ II

Prob. I Did not survey  
below Rd 1600.

Pos.

Fish (Tagged) IIII  
(No Tag) ~~III~~ II  
(Unknown) III

CWA has tagged 167 fish on this  
date.

Comments: 3 Redds & 5 F observed  
between 2nd Road crossing culvert  
& falls (untagged fish).

Eric Anderson Data

Did not survey below  
Rd 1400 on 4/29/97

ok

Bull Trout Spawning Survey  
Deep Cr. 8/29/97

167 fish have passed upstream  
through trap & have been tagged.  
Tags are blue.

Road culvert upstream to meet Eric  
about halfway up.

Roads			Fish		
Det	Prob	Pbs	Tag	Untag	Unknown
###	##		###		
1			###		
##			###		
##			###		
			###		
(21)	(2)	(0)	1/26	(0)	(0)

Eric/Jim's totals - falls down 2+ miles

17 1 0 4 7 3

Totals above culvert

38 3 0 30 + 7 + 3 = (40)

1997

Jim Cummins Data

OK

CWW Techs.

Jim Shannon + Tim Eichler  
samplers

Deep Cr. Sept. 7+8, 1997

Month to Rd 1400New ReddsOld Redds

Def. 3

Not checked

Prob. 4

Pos.  $\phi$ 

Fish Tagged 3

No Tag 1

Falls to Rd 1400New ReddsOld Redds

Def 34

38

Prob. 8

3

Pos. 4

 $\phi$ 

Fish Tagged 12

No Tag 4

over  $\rightarrow$

## Total New Reels

Def 37

Prob. 12

Pos. 4

Fish Tagged 15

" No Tag 5

	<u>New</u>	+	<u>Old</u>	<u>Total</u>
Def	37		38	75
Prob.	12		3	15
Pos.	4		0	4





Below Rd 1800 Bridge

OK

Left Fork

(Looking downstream)

H<sub>2</sub>O flow goes  
subterranean

For more  
of reach.

Right  
Fork

OK

Eric

Deep Cr 9/12/97 1300

Bolan Culvert

Redd BLC

Def

11 0

Eric has more data

J Cummins

1  
9  
9  
7

Jim Cummins Data



Indian Cr. BLC Spawner Survey  
Oct. 7, '97 E. Anderson

H<sub>2</sub>O Temp 440F 0940-1215 Hrs  
From Indian Cr. C.G. (Trap) to N. Spring

Old Redds

New Redds

Def. ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

|||

Prob. 1

Pos. 111

Fish 1

4 Def. below Hwy 12 Bridge. (Includes)  
N. Spring H<sub>2</sub>O Temp. 430F

Old Redds 1215-1400 Hrs.

Def. ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

Prob. 1111

Pos. 1

New Redds

Def 1111

Fish 111 - (1 large 24" Fish +  
2 smaller 12" Fish  
spanning together)

Total - Indian Cr. 10/7/97			
	Dot	Prob	Total
L. S. Spring	13		13
Trail to U. S. Spring	7		7
U. S. Spring	10	1	17
U. S. Spring to falls	29		29
Trail down to N Sp.	30	4	40
N. Sp to Highway			87
Grand total			193

## Summary Sheet

J Cummins

Indian Cr - 10/7/97

Trail down to confluence  
with North Spring

Old Redds

Dad Pros Pos

### ##

### ##

### 1 ~~2~~

###

###

New Redds

Dad Pros Pos

1

Subtotal

(36)

(4)

J. Cummins

10/7/97

Indian Cr. - Confluence with  
S. Spring to Falls

Old Redds

Dep	Prob	Pos
-----	------	-----

HHH HHH		1
---------	--	---

HHH HHH		
---------	--	--

HHH IIII		
----------	--	--

Delete

2 double flagged | double flagged | doubly flagged

NO NEW

Subtotal

29

0

1

J Cummins

10/2/97

Upper South Spring

Old Redds

Def	Prob	Res
HHH	1	1
HHH		
HHH		

deleted

1 III

1 chose to def

New Redds

~~⊙~~

BLC

~~⊙~~

Subtotals

Ⓣ 16

Ⓣ 1

Ⓣ 1

J Cummins

19/7/97

Trail Crossing to Upper  
South Spring.

Old Redds

Def

Pro's

Los

|||

||

deleted

deleted

||

||

New Redds

Def

Pro's

Los Blc

0/

0

0

0

SubTotals

⑦

②

②

J Cummins

Indian Cr 10/7/97

1050- 44° 15'

Lower - 'South Spring'

Old Redds

Def Prob Pas

III III

II

deleted def

New Redds

Def Prob Pas BLC

I ~~0~~

subtotals

(13)

Note: The lower S. Spring  
& main Indian Cr flow together  
just below the trail cross  
(11501)

J. Cummins



# Student Phone call report

10/1/97 Indian Creek  
BLC Spawner Survey  
J. Shannon + T. Eichler  
(CWR students / Technicians)

Redds.

New Def. 33

Old + New

Prob.  $\phi$

Pos.  $\phi$

Fish

Hwy 12 (Trap) to N. Spring



Waptus R. (Upper) 10/15/97  
From Waptus R. Crest Trail Bridge  
crossing to Shovel Cr.  
1000 Hrs - 1100 Hrs. E. Anderson  
Hook-n-line w spinner 3.  
Clear-Sunny No BLC Redds observed  
H<sub>2</sub>O Temp. 43°F 12" CT  
1 ~~fish~~<sup>CT</sup> Fish caught - None observed.  
Crystal Clear H<sub>2</sub>O - H<sub>2</sub>O levels  
Moderate → High

---

Shovel Creek - mouth to 10/15/97  
1st Falls (cascade like falls  
with 3 to 12' drop) w .5 mile  
1100 - 1200 Hrs. E. Anderson  
Hook-n-line w spinners.  
H<sub>2</sub>O Temp 43°F  
CT - 18, 20.5, 19.4, 19 cm  
All Fish caught at base of  
cascade pool.  
Fully near a five ring campsite  
on right bank (trail to shovel Cr.)

Waptus R. (Upper) 10/15/97  
From mouth of Shovel Creek  
upstream approx 1/2 mile -  
steep gradient. No good  
BLC spawning gravel, mostly  
larger cobbles / boulders.

H<sub>2</sub>O Temp 43°F

No Fish caught - None  
observed. 1230-1330 Hrs  
E. Anderson

Chief Creek 10/15/97

E. Anderson H<sub>2</sub>O Temp. 43°F

Hook-n-line w spinners

CT 21.5, 14, 20.6, 22 cm

1430-1500 Hrs.

No BLC observed - no redds.

Spotty spawning habitat

30' Falls - stop.

Spinosa Creek Oct. 16, 1997

3 RB

24 cm ~~9 1/2"~~ - 9"  
m  $5 \frac{1}{2}$ "

mature

Fut.

↓

Ants, midges

Grub.

Miscel.

Spectable CR 4-27  
EB 9 1/2" M. mature

Art Lake - Not Planted

Green Lake - OK

Need Notes, data on <sup>miney cabin to upstream</sup> <sup>several</sup> <sup>sculpture</sup>

123 RIVE  
Use Elum <sup>snorkel</sup> <sup>survey</sup>  
2300 m. RB-100 - less than 8" EB-10 < 8"  
est. a few over 8" fewer 10"

Gold Cr. Tredds

~~Box Canyon 6 Fish observed  
No Redds  
BLC Kuchess R. Survey 440  
with ~~ladder~~ ~~part~~  
Box Canyon Cr~~

~~Mon Sep 29 H<sub>2</sub>O Temp. 9°C  
Good passage conditions at  
mouth. 6 BLC  
2 Det. Redds  
Report of fish trying to  
jump lower falls.~~

Mince.

6/23/97

Jim Cummins  
E. Anderson  
M. Divons  
K. Divins

Wapiti Lk. RB 17.5 in

BLC 470 mm released DNA sample  
1630-1900

splint fishing - Panther motor

9/6/97

Dave Bowers

N.F. Teamanway above  
DeRoux Creek

530 mm Male

Probable Fluvial Fish  
from Yuk. R.

1

No Redds  
observed all  
season.

\*



## Bull Trout Survey.

Wapitus River above Wapitus  
LK from Wapitus R Trail  
bridge down to Lake.

10/15/97 1050 - 1430

Hook + line + BLC spawning  
survey.

Fished approx 2 hours +  
caught no fish. Saw  
No redds + NO BLC.

Saw 10-15 trout fm +  
2 8-10" EB.

walked 80-90% of stream.  
Did not walk main channel  
of Wapitus from LK upstream  
about 1/4 miles, Wapitus R  
enters LK in a least 3  
channels.

J Cummins

10/15/97

Checked lower end of unnamed Cr that enters Lk 5. of Waptus River. Slow flowing, beaver pond area, observed no fish.

Fished Waptus Lk 1 hour + caught no fish.

A few large fish were surface feeding.

Weather great - mostly sun + blue sky. Few high clouds. No wind.

Waptus R. Crystal clear, but flows relatively high  $\approx$  50 cfs?

Eric has data. J Cummins

10/16/97

Wapetus Lk - South

Shore - lower end

Water Temp  $49^{\circ}\text{F}$  @ 0940

Fished 0940 - 1110

Caught 1 17" Rb.

Very heavy, fat fish

Fished 1115 - 1155: No fish

Fished 1305 - 1330 No fish

Caught the Rb on silver  
flatfish.

Eric has additional data.

J Cummins

10/16/97 Wapetus R from  
Lk down stream to  
Footbridge

Fished 1345 - 1445. No BHC Redds  
No fish caught or seen

walked up Spinola. CK - No  
BHC redds or fish - spot  
check from mouth to foot  
bridge.

J. Cummins

Wapitus Lake 8/23/97

Fished 1 hr in evening - also  
Mark / Karen Divens fished

I caught 18.5" B&C N  
Karen caught 17.5" RB.

First large adult B&C  
documented from Wapitus  
Lake.

8/24/97

Rami - linked to vehicle  
& traveled home. Developed  
sore knee that slowed  
me down.

Additional Data - Eric Anderson

Jim Cummins

American R 9/11/97  
25 mi above Hwy 410  
Lodgepole CG Bridge to

DEF  
1111

Fish  
1111

480F

Union Cr.  
~~American R.~~

1045 Hrs  
9/11/97

470 F

III Det

IIII F

1

Eric Shannon  
Jim Shannon

American R.  
Mainstem below Union Cr.

II Probe  
I Pgs

1 Fish

2

Union Cr.  
Below

mainstem extreme turbidity  
could not see reds,



9-15-97

American R. BLC Spawner Survey  
E. Anderson 1130 Hrs.

Pleasant Valley C.G. (Kettle Cr.) to  
Hell's Crossing C.G. Hwy 450 Bridge

Sp. Chinook Redd H11

1 Blue Flag (8-26-97)

111 Pink " (-8-12-97)

11 Orange (8-19-97)

BLC Redds

Def  $\phi$

Prob  $\phi$

Pos  $\phi$

Fish 1 (16")

1 Sp. Chinook carcass

Bull Trout Survey.

American R 9/13/97

1130.

46°F

Union Cr - Pleasant Valley  
CG.

def

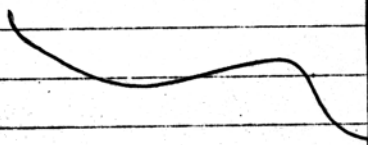
Pros

BLC

1/11

11

Eric covered Pleasant Valley  
down river to



→ Hells  
Crossing  
CG.

Eric

J Cummins

Does not count  
2 probs + 1 pos  
I marked.

1  
9  
9  
7

9/16/97 1330 Hrs. - 1430 Hrs  
Rattlesnake BLC Spawner Survey  
E. Anderson P. Hoffarth Temp 43 F

Shell Cr. to Little Wildcat Cr.

Def. ~~III~~ III

Prob.

Pos.

Fish II

Little Wildcat Cr. 1430 Hrs

Def. IIII

- 1530 Hrs.

Prob.

Pos

Fish

43°F

9/17/97 1000 - 1300 Hrs.  
Rattlesnake BLC Spawner Survey  
E. Anderson, Pt. Harborth 44°F

Shell Cr. to MJB Tr. Crossing

Def. ~~NI~~

Prob.

Pos.

Fish

9/16/97 1330 Hrs. - 1430 Hrs  
Rattlesnake BLC Spawner Survey  
E. Anderson P. Hoffarth Temp 43 F

Shell Cr. to Little Wildcat Cr.

Def. ~~III~~ III

Prob.

Pos.

Fish II

Little Wildcat Cr. 1430 Hrs.

Def. III

- 1530 Hrs.

Prob.

Pos

Fish

43°F

9/29/97

Gold Cr. BLC Spawning Survey  
0915 - 1600 Hrs

E. Anderson + K. Wolf

H<sub>2</sub>O Temp. 46°F

Old Def ~~||||~~

Prob.

Pos.

(1 Old prob. changed  
to Def.)

New Def. ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

Prob.

Pos. 1

Fish ~~||||~~

---

2 Redds, above cascades  
(1 Old + 1 New)

4 new Redds in Right channel trib.  
above Silver Creek.

1 new redd in beaver side channel

1078197 Gold Creek

Water 38° F at Falls - 1230

Old Redds - Above Trail

Def IIII IIII IIII

Pros

Pos 1

No New

Old Redds - Below Trail

Def IIII IIII

Pros

New Redds

Def IIII

(29) + 2

Missed 2 old  
redds

(31)

J CUMMINS

Bull Trout Spawning Survey.

Gold Creek - 9/19/97

0930 - 1500

Redds			Fish	
Def	Prob	Pos	BLC	
III	I		III	III
I				

1 redd between Cascades  
& falls. No fish between  
Cascades & Falls

Water flowing all the way to lake-  
high, but clear - At least  
200 cfs where normal dry.

Jim Cummins



Bull Trout Spawning Survey 9/18/97  
Hindoo + Dog Cr -

No Redds

Flows above normal  
but water clear

J. Cummins

Ra Hlesname Cr - L. Wildcat

to Menny C 1430-

9/14/97

Def	Prob	Pos	BLC
HA	11	1	0
<u>HTT</u>			

10      2      1

Old Redds

Def	Prob	Pos
HTT	1 change to def	7 change to <del>or</del>
<del>HTT</del>		1
11		

12

71

13

Totals

23

3

9/17/97

1100-1215

Rattlesnake C - MATB

Trail down to 1114 to crossway

Redds

Def

NO

III

BLC

Fished 2.0 hrs.

Fish Sampled by Hook &  
line

WGT

RSXCT

RS

205

280

255

265

240

200

220

205

320

230

190

**1997 BULL TROUT REDD SURVEY  
RATTLESNAKE CREEK**

Total Season Count

<u>Segment of Stream</u>	<u>Definite</u>	<u>Probable</u>	<u>Possible</u>	<u>Temp/Time</u>	<u>Date</u>	<u>Fish</u>
MJB Trail x-ing to Shell Cr.	5	—	—	44 / 1000	9/17	—
Shell Cr. To Lit. Wildcat Cr.	8	—	—	43 / 1330	9/16	2
Lit. Wildcat Creek	4	—	—	43 / 1430	9/16	—
Lit. Wildcat Cr to McNeil Cr.	23	3	1	- / 1430	9/16	—
Hindoo Creek-mouth to falls	—	—	—	- / 1400	9/18	—
Dog Creek-mouth to confine	—	—	—	- / 1400	9/18	—
MJB Trail to Tr. 1114 x-ing	3	—	—	- / 1100	9/17	—
Tr. 1114 x-ing to Dog Cr.	—	—	—	44 / 1200	9/18	—
McNeil Cr. to Upstream approx. 1 mile (see note below)	—	—	—	43 / 1700	9/17	—
<b>Total</b>	<b>43</b>	<b>3</b>	<b>1</b>			

Total Season Count = Def 43 + Prob 3 = 46 Redds (1 Pos. Not counted in season total)

Note: Stream dry above McNeil Creek for approx. .5 mile then encountered H2O flow but no redds or bulls observed.

1  
9  
9  
7

**Bull Trout Redd Survey  
RATTLESNAKE CREEK**

<u>Segment of Stream</u>	<u>Definite</u>	<u>Probable</u>	<u>Possible</u>	<u>Temp/Time</u>	<u>Date</u>	<u># Bull Trout seen</u>
<b>1996</b>						
MJB Trail x-ing to Shell Cr.	6	1	--	43 /1630	9/19/96	--
Shell Cr. to Lit. Wildcat Cr	6	2	--	43 /0830	9/19/96	--
Lit. Wildcat Cr to McNeil Cr	14	1	1	44 /1410	9/18/96	--
Little Wildcat Creek	6	2	--	43 /0945	9/19/96	--
Hindoo Creek-mouth to falls	--	--	--	45 /1100	9/20/96	--
Dog Creek-mouth to confine	1	--	--	45 /1100	9/20/96	--
<b>TOTAL</b>	<b>33</b>	<b>6</b>	<b>1</b>			<b>--</b>
<b>1997</b>						
MJB Trail x-ing to Shell Cr.	2	--	--	46/1545	9/03/97	--
Shell Cr. to Lit. Wildcat Cr	2	4	--	45/1045	9/03/97	2
Lit. Wildcat Cr to McNeil Cr	16	2	2	42/1320	9/03/97	12
Little Wildcat Creek	--	--	2	47/1215	9/03/97	7
Hindoo Creek-mouth to falls	--	--	--	48/1100	9/04/97	--
Dog Creek-mouth to confine	--	--	--	48/1100	9/04/97	--
Dog Cr to MJB Trail x-ing	--	--	--	44/0830	9/04/97	--
<b>TOTAL</b>	<b>20</b>	<b>6</b>	<b>4</b>			<b>21</b>

→ 1997  
 From survey conducted by  
 Scott Hoefler + Ken McDonald  
 USFS - Wenatchee Nat. For.

6:56 No.001 P.02

SEP 10'97

ID:

NACHES R.D.

10/16/97 Wapiti R from  
LK down stream to  
Footbridge

1

Fished 1345 - 1445. No BHC Redds  
No fish caught or seen

---

walked up Spinola CK - No  
BHC redds or fish - spot  
check from mouth to foot  
bridge.

2

Waptus River above Waptus  
Lk from Waptus R Trail  
bridge down to Lake.  
10/15/97 1050 - 1430

Hook + line + BLC spawning  
survey.

Fished approx 2 hours +  
caught no fish. Saw  
No redds + NO BLC.

Saw 10-15 trout fry +  
2 8-10" EB.

walked 80-90% of stream.  
Did not walk main channel  
of Waptus from Lk upstream  
about 1/4 miles. Waptus R  
enters Lk in at least 3  
channels.

10/8/97 Gold Creek

Water 38°F at Falls - 1230

Old Redds - Above Trail

D-F IIII IIII IIII

Prab

Pos 1

No New

Old Redds - Below Trail

D-F IIII IIII

Prab

New Redds

D-F IIII

(29) + 2

Missed 2 old  
redds

(31)



9/18/97

Hindoo + Dog Cr -

No Redds

Flows above normal  
but water clear

9/25/97

W. F. Antkowiak

Drove to Sec 25/26 boundary.  
Checked Creek - very small 2-3 cfs  
flow? - decided not to survey  
for BLC. - This is about 2 miles  
above Three Pines CG.

---

1.2 road miles downstream to  
Three Pines CG bridge

1040 - 1215 44° F

T12 R14 S29+30

No BLC redds. Saw trout  
Lower 1/2 of section is poor  
spawning habitat - No gravel.  
Upper 1/2 is fair to excellent  
spawning habitat.

J Cummins

9/25/97 W. F. Ahtanvum  
1940 . 50°F

from long parking area on  
A2400 (about 1/2 mile upriver  
from Ahtanvum Ck - upstream .7  
miles. (small unnamed Creek) in  
Sec 25 - ended up .2 mile  
upstream above this point is .9 mile  
No Redds

J Cummins

9/25/97 M. F. Altatum  
1300 - 1350

1.8 miles down from + up to  
S. 27/28 marker. Most of Sec 28.

Redds

Dif	Pos	Pos	BLC
	1		

Mostly soulders / cobble  
stream channel, little  
gravel - Redd about mid-point.

Saw trout + trout fry.

This + upstream section  
very dark - difficult  
to see. Little sun  
hitting water even with  
clear, warm, sunny  
weather.

J. Cummins