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**STREAM TEMPERATURE DATA  
AND FISH COUNTS  
COLLECTED AT ROTARY FISH SCREEN  
BYPASS TRAPS THROUGHOUT THE  
JOHN DAY BASIN  
1955 – 1995  
NORTH FORK JOHN DAY SUBBASIN**

**PREPARED BY:**

**ERROL CLAIRE  
KEN DELANO  
PAT HOLLIDAY  
GRETCHEN WILSON**

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**THE GRANT SOIL & WATER CONSERVATION DISTRICT**

**PRESENTS**

**STREAM TEMPERATURE DATA AND FISH COUNTS  
COLLECTED AT ROTARY FISH SCREEN BYPASS  
TRAPS THROUGHOUT THE JOHN DAY BASIN**

**MARCH 1955 THROUGH SEPTEMBER 1995**

**PREPARED BY:**

**ERROL W. CLAIRE  
KEN DELANO  
PAT HOLLIDAY  
GRETCHEN WILSON**

**COOPERATORS:**

**OREGON DEPARTMENT OF FISH AND WILDLIFE  
BUREAU OF RECLAMATION  
GRANT SOIL AND WATER CONSERVATION DISTRICT  
BONNEVILLE POWER ADMINISTRATION  
CONFEDERATED TRIBES OF THE WARM SPRINGS RESERVATION OF OREGON  
BUREAU OF LAND MANAGEMENT - PRINEVILLE DISTRICT  
U.S. FOREST SERVICE - MALHEUR NATIONAL FOREST**



## INTRODUCTION

The data contained in this report is a compilation of actual field measurements and fish counts taken throughout a 40 year period from 1955 to 1995.

The information was collected as part of a major John Day River fish screening program designed to protect juvenile Salmon and Steelhead from perishing in irrigation diversion ditches throughout the John Day Basin. The program was started and funded in 1952 under the Columbia Program Office of the National Marine Fisheries Service. The actual construction, operation and maintenance of the fish screens was done under contract by the then Oregon State Game Commission (OSGC), later to become the Oregon Department of Fish and Wildlife.

These Data were actually collected on site by the screen maintenance technicians hired by OSGC to service and maintain the installed screens and bypass fish traps. At least one or more bypass traps were installed on each major stream with screens throughout the basin and all fish caught in the screen bypass traps throughout the irrigation season were counted to evaluate the effectiveness of the program. These technicians would check the traps and take stream temperatures from one to five times per week throughout the irrigation season which usually ran in the early years from mid March through mid November.

The central maintenance shop for the John Day fish screen program was constructed in 1952-53 near Canyon City, Oregon and operated in that location for over forty years (1953-1994) until a new facility was built west of John Day, Oregon in 1994.



## PURPOSE

The primary purpose of this project was to preserve a long term set of important actual empirical field data for future use that would otherwise have been disposed of. Errol Claire, a long term employee and John Day District fish biologist for ODFW (1959-1996) had the foresight to keep track of these old field reports and prevented their disposal. Mr. Claire had actually worked with each of the screen maintenance technicians that collected these data which still remained on the old original data forms. He has been the primary facilitator in recovering, interpreting and preparing this data for computer storage and analysis.

Ken Delano, manager of the Grant Soil and Water Conservation District has played a major role in providing the computer base for storage and was responsible for writing and serving the contracts for funding.

Gretchen Wilson and Pat Holliday provided invaluable help with the computer key punching and data entry work. Colby Moulton, ODFW John Day Fish Screen Supervisor provided the most recent data from 1990-94.

Mike Crumrine, B.L.M. - Prineville District and Julie Luetzelschwab of the Malheur National Forest, with technical help from Errol Claire were responsible for creating the excellent GIS maps for this project.





## JUSTIFICATION

In 1991, a John Day Basin water quality committee was formed to review water quality data needs, especially temperatures, in the basin. While current stream temperature monitoring was underway it was recognized that we needed any historic data that was available to provide a base or reference point against which to measure the success of various habitat projects being conducted in the basin. We believe these data are one of those historic sources.

This project is valuable and justified for the following reasons:

1. It was an actual empirical historic data source that if not protected would have been lost.
2. It is one of few long term consistent data sources of actual field measurements that has been preserved.
3. The analysis of these data will provide a 40 year baseline to measure against.
4. No other John Day data source possesses the diversity of streams or geographic locations these data do. Data was collected on 62 individual streams in the Basin at 176 different locations on those streams.
5. The compilation of this data was supported by all groups and agencies contacted including: Grant Soil & Water Conservation District, Oregon Department of Fish & Wildlife, Bureau of Reclamation, Oregon State University, Confederated Tribes of the Warm Springs Indian Reservation, and USFS - Malheur National Forest.



## COOPERATORS

The following agencies or groups have indirectly or directly supported this project:

- A. Oregon Department of Fish and Wildlife -Northeast Region  
(Access to data)
- B. Bureau of Reclamation - Boise, office  
(Funding)
- C. The Grant Soil and Water Conservation District  
(Administration, data processing and funding disbursement)
- D. Bonneville Power Administration  
(Funding)
- E. Confederated Tribes of the Warm Springs Indian Reservation  
(Contract for Funding)
- F. Bureau of Land Management  
(Mapping)
- G. U.S. Forest Service - Malheur National Forest  
(Mapping)



DISCLAIMER

The Grant Soil and Water conservation District makes no claims as to the accuracy or reliability of the historic data screened for preservation here. Raw data sheets used to prepare the data base are on file at the District office, 721 S. Canyon Blvd., John Day, OR 97845 (541-575-0135, FAX 541-575-0646). Daily screen monitoring sheets remain in possession of the Oregon Department of Fish and Wildlife at the Screen Shop in John Day, OR.

The highest expectation for the considerable effort expended in compiling and preserving this historic data is that the data will prove to be an invaluable link in understanding past conditions and planning for desired future conditions in the John Day Basin. Then, armed with the best available information, all land managers will be assisted in making the best natural resource management decisions.












Patrick Voigt, Chair  
Phil St. Clair, Vice Chair  
John Morris, Treasurer  
Joanne Keerins, Director  
John Borgerson, Director  
Kenneth Delano, District Manager  
Pat Holliday, Programs Assistant



# North Fork John Day Subbasin

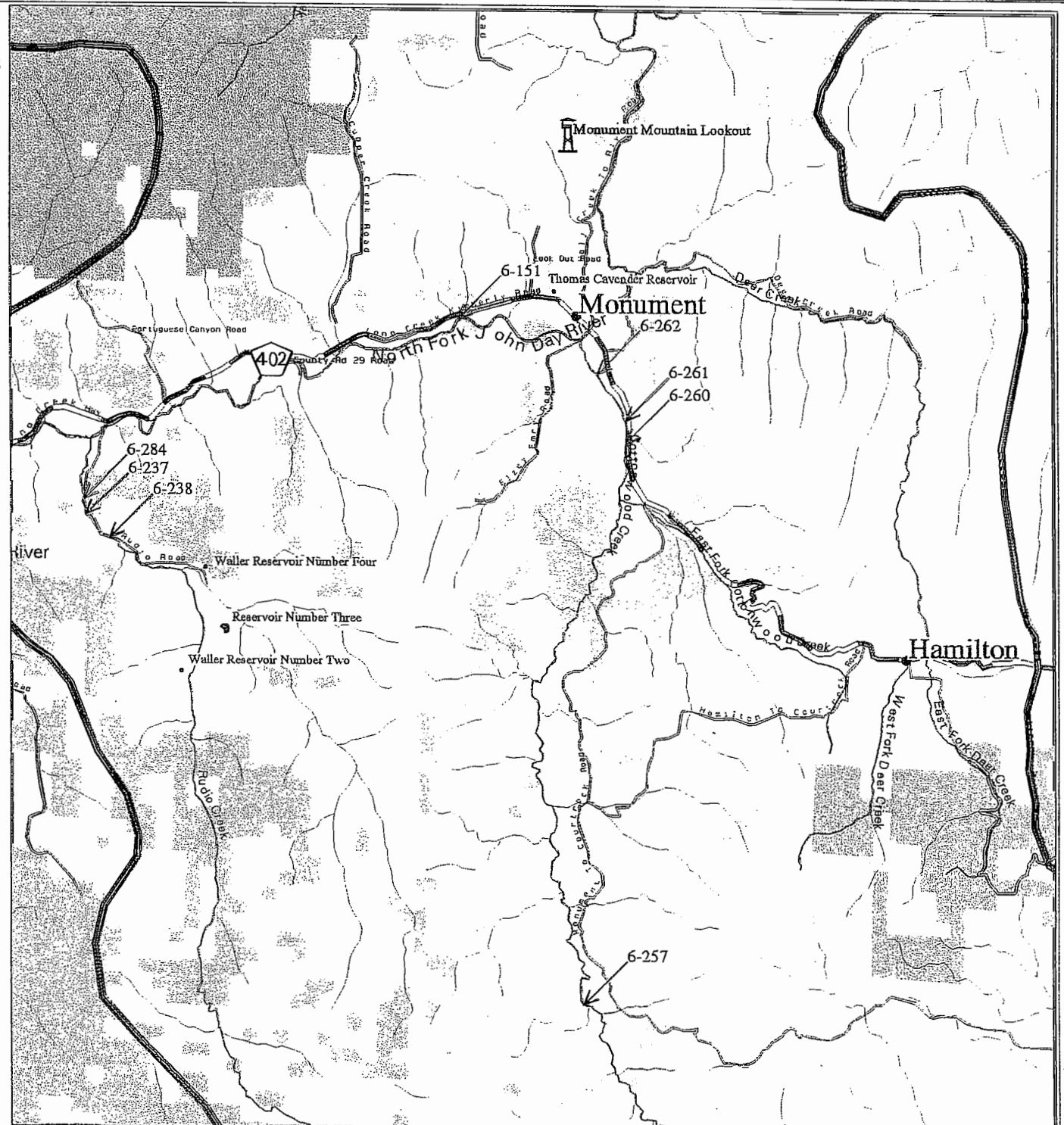
## Temperature & Fish Data Collection Sites

### ODFW Fish Screens Program 1955-1995

- |   |                          |   |                                |
|---|--------------------------|---|--------------------------------|
|  | Malheur NF               |  | Highway                        |
|  | Umatilla NF              |  | FS Arterial Road or Other Road |
|  | BLM                      |  | Fish Data Collection Point     |
|  | State Land               |  | Fire Lookout                   |
|  | Subbasin (HUC4) Boundary |  | Lake/Reservoir                 |
|  | Streams                  |   |                                |



MILES



Data acquired from multiple sources, including the Malheur NFs database, neighboring Forests, Grant County Soil & Water Conservation District, Oregon State Service Center, BLM, ODFW, USGS, and ICBMP. Malheur National Forest SOCIS Arc Info Sept. 1997 /s/files/univso/res/nf.aml L+12.





ROTARY SCREEN BYPASS TRAP LOCATIONS  
1955-95 HISTORIC WATER QUALITY DATA PROJECT

NORTH FORK JOHN DAY SUBBASIN

<u>SCREEN #</u>	<u>STREAM</u>	<u>STREAM MILE ABOVE MOUTH</u>	<u>LOCATION</u>
6-151	N.FK. John Day River	13.5	T9S R27E Sec. 3
6-237	Rudio Creek	1.7	T9S R 26E Sec. 22
6-238	Rudio Creek	2	T9S R26E Sec. 27
6-257	Cottonwood Cr.-N. Fk. JD	13	T10S R27E Sec. 36
6-260	Cottonwood Cr.-N. FK JD	1.5	T9S R28E Sec. 18
6-261	Cottonwood Cr.-N. Fk. JD	1	T9S R28E Sec. 18
6-262	Cottonwood Cr.-N. FK. JD	0.5	T9S R27E Sec.12
6-284	Rudio Creek	1	T9S R26E Sec. 22



**MASTER STREAM LIST  
JOHN DAY RIVER AND SELECT TRIBUTARIES  
1955-95 HISTORIC WATER QUALITY DATA PROJECT**

<u>STREAM</u>	<u>RIVER MILE MOUTH</u>	<u>BASIN LOCATION</u>
Alder Creek	160.0-Mainstem	Lower Mainstem
Bear Cr.-M. Fk. JD R.	45.0-MF. Fk. JD R.	Middle Fork
Bear Cr.-Wheeler Co.	5.5-Bridge Cr./Wheeler Co.	Lower Mainstem
Berry Creek	8.5 Canyon Creek	Upper Mainstem
Beaver Creek	56.0-M. Fk.	Middle Fork
Beech Creek	239-Mainstem	Upper Mainstem
Belshaw Creek	227.5-Mainstem	Upper Mainstem
Big Boulder Creek	53.5-M. Fk. JD R.	Middle Fork
Big Creek	39.0-M. Fk.	Middle Fork
Bologna Creek	182-Mainstem	Upper Mainstem
Bridge Cr.-Wheeler Co.	135.5-Mainstem	Lower Mainstem
Butte Cr.-Grant Co.	57.5-M. Fk. JD R.	Middle Fork
Butte Creek-Wheeler Co.	97.0-Mainstem	Lower Mainstem
Butte Cr.-M. Fk. JD R	57.5 M. Fk. JD R	Middle Fork
Cabin Creek	4.5 Murderers Creek	South Fork
Camp Creek	48.0-M. Fk.	Middle Fork
Canyon Creek	248 John Day River	Upper Mainstem
Clear Creek	66.5-M. Fk.	Middle Fork
Corncob Creek	3.0 Kahler Creek	Lower Mainstem
Cottonwood Cr.-Mainstem	207.0-Mainstem	Upper Mainstem
Cottonwood Cr.-N. Fk. JD R.	15.5-N. Fk.	North Fork
Cummings Creek	224.0-Mainstem	Upper Mainstem
Dads Creek	265- Mainstem	Upper Mainstem
Davis Creek	64.5-M. Fk.	Middle Fork
Deardorff Creek	273-Mainstem	Upper Mainstem
Dixie Creek	262.5-Mainstem	Upper Mainstem



<u>STREAM</u>	<u>RIVER MILE MOUTH</u>	<u>BASIN LOCATION</u>
East Fk Canyon Creek	15-Canyon Creek	Upper Mainstem
Elk Creek	46.5-M. Fk.	Middle Fork
Fields Creek	227.5-Mainstem	Upper Mainstem
Granite Boulder Cr.	56.5-M. Fk.	Middle Fork
Indian Creek-M Fk. JD River	35.0-M. Fk.	Middle Fork
Indian Creek-Mainstem	257.0-Mainstem	Upper Mainstem
Ingle Creek	239-Mainstem	Upper Mainstem
John Day R. (Multiple Sites)	218-Columbia R.	Upper Mainstem
Laycock Creek	243- Mainstem	Upper Mainstem
Little Indian Creek	1.5-Indian Creek	Upper Mainstem
Lonerock Creek	47.0-Rock Cr./Gilliam Co.	Lower Mainstem
Long Creek	5.5-M. Fk.	Middle Fork
M. Fk. John Day River	32.5-N. Fk.	Middle Fork
Moon Creek	232.5-Mainstem	Upper Mainstem
Mountain Creek	4.0-Rock Cr./Grant Co.	Upper Mainstem
Murderers Creek	17.5-S. Fork	South Fork
N. Fk. John Day River	184.5-Mainstem	North Fork
Parrish Creek	170.0-Mainstem	Lower Mainstem
Pine Creek	256.0-Mainstem	Upper Mainstem
Rail Creek	276-Mainstem	Upper Mainstem,
Reynolds Creek	270.5-Mainstem	Upper Mainstem
Riley Creek	237-Mainstem	Upper Mainstem
Roberts Creek	276.0-Mainstem	Upper Mainstem
Rock Creek-Gilliam Co.	21.5-Mainstem	Lower Mainstem
Rock Creek-Wheeler Co.	204.5-Mainstem	Upper Mainstem
Rudio Creek	5.0 N. Fk. JD R.	North Fork
S. Fk. John Day River	211.5-Mainstem	South Fork
S. Fk. Long Creek	25.5-Long Cr.	Middle Fork
Service Creek	157.5-Mainstem	Lower Mainstem



**STREAM****RIVER MILE  
MOUTH****BASIN  
LOCATION**

Squaw Creek

200-Mainstem

Upper Mainstem

Tamarack Creek

6.0-Kahler Creek

Lower Mainstem

Todd Creek

5.0 Murderers Creek

South Fork

Vance Creek

11.0-Canyon Creek

Upper Mainstem

Vincent Creek

64.5-M. Fk. JD R.

Middle Fork

Vinegar Creek

65.0-M. Fk. JD R.

Middle Fork

West Branch Creek

13.0-Bridge Creek

Lower Mainstem

Widows Creek

224-Mainstem

Upper Mainstem

Wind Creek

21-S. Fk. JD R.

South Fork





DATA SUMMARY FORM 1956  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)				REMARKS/OBSERVATIONS	
						StS	ChS	Lam	Other	H2O	AIR	TIME	FLOW		
Rudio Creek	6-238	1956	07/01-07												
Rudio Creek	6-238	1956	07/08-15												
Rudio Creek	6-238	1956	07/23-30												
Rudio Creek	6-238	1956	08/01-07												
Rudio Creek	6-238	1956	08/08-15												
Rudio Creek	6-238	1956	08/16-23												
Rudio Creek	6-238	1956	08/24-31												
Rudio Creek	6-238	1956	09/01-07												
Cotnwd Cr-N Fk JD R	6-260	1956	07/23-30												
Cotnwd Cr-N Fk JD R	6-261	1956	05/22-31												
Cotnwd Cr-N Fk JD R	6-261	1956	06/16-22												streams-high/turbid
Cotnwd Cr-N Fk JD R	6-261	1956	07/01-07												
Cotnwd Cr-N Fk JD R	6-261	1956	08/01-07												
Cotnwd Cr-N Fk JD R	6-261	1956	08/16-23												
Cotnwd Cr-N Fk JD R	6-261	1956	08/24-31												
Cotnwd Cr-N Fk JD R	6-261	1956	09/01-07												
Cotnwd Cr-N Fk JD R	6-261	1956	09/08-15												
Cotnwd Cr-N Fk JD R	6-262	1956	06/22-30												

**DATA SUMMARY FORM 1957**  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS				
						StS	ChS	Lam	Other	H2O	AIR	TIME						
Rudio Creek	6-238	1957	06/23-30															

DATA SUMMARY FORM 1958  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS
						StS	ChS	Lam	Other	H2O	AIR	TIME		
N Fk John Day River	6-151	1958	06/16-23			4					71			
N Fk John Day River	6-151	1958	06/16-23								69			
N Fk John Day River	6-151	1958	06/24-30								62			
N Fk John Day River	6-151	1958	06/24-30			3					60			
N Fk John Day River	6-151	1958	07/01-07			5			3 wf		70			
N Fk John Day River	6-151	1958	07/01-07								75			
N Fk John Day River	6-151	1958	07/01-07								76			
N Fk John Day River	6-151	1958	07/01-07			4					60			
N Fk John Day River	6-151	1958	07/01-07								61			
N Fk John Day River	6-151	1958	07/15-23								76			
N Fk John Day River	6-151	1958	07/15-23			2					74			
N Fk John Day River	6-151	1958	07/23-31			1			2 wf		78			
N Fk John Day River	6-151	1958	07/23-31								76			
N Fk John Day River	6-151	1958	07/23-31								78			
N Fk John Day River	6-151	1958	08/01-07			0					76			
N Fk John Day River	6-151	1958	08/08-15								74			
N Fk John Day River	6-151	1958	08/08-15			0					80			
N Fk John Day River	6-151	1958	08/08-15								72			
N Fk John Day River	6-151	1958	08/15-23								73			
N Fk John Day River	6-151	1958	08/15-23			0					72			
N Fk John Day River	6-151	1958	08/23-31			1					78			
N Fk John Day River	6-151	1958	08/23-31								72			
N Fk John Day River	6-151	1958	09/01-07								74			
N Fk John Day River	6-151	1958	09/08-15								67			
N Fk John Day River	6-151	1958	09/08-15			0					73			
Rudio Creek	6-238	1958	05/08-15			67					46			
Rudio Creek	6-238	1958	05/15-23								54			
Rudio Creek	6-238	1958	05/15-23			94					59			
Rudio Creek	6-238	1958	06/01-07			0								
Rudio Creek	6-238	1958	06/08-15			0								dry
Rudio Creek	6-238	1958	06/24-30								62			
Rudio Creek	6-238	1958	06/24-30			0					62			
Rudio Creek	6-238	1958	07/01-07			13			1 wf		71			
Rudio Creek	6-238	1958	07/01-07								69			
Rudio Creek	6-238	1958	07/01-07			18					70			
Rudio Creek	6-238	1958	07/01-07								68			
Rudio Creek	6-238	1958	07/01-07								74			
Rudio Creek	6-238	1958	07/15-23								70			
Rudio Creek	6-238	1958	07/15-23								68			
Rudio Creek	6-238	1958	07/15-23			5			10 wf		69			
Rudio Creek	6-238	1958	07/23-31								73			
Rudio Creek	6-238	1958	07/23-31			7			1 wf		74			

**DATA SUMMARY FORM 1958**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS		
				BuT	CT	StS	ChS	Lam	Other	H2O			AIR	TIME
Rudio Creek	6-238	1958	07/23-31									69		
Rudio Creek	6-238	1958	08/01-07			2						78		
Rudio Creek	6-238	1958	08/08-15			1			1 wf			79		
Rudio Creek	6-238	1958	08/08-15									66		
Rudio Creek	6-238	1958	08/08-15									71		
Rudio Creek	6-238	1958	08/15-23									68		
Rudio Creek	6-238	1958	08/15-23			2						64		
Rudio Creek	6-238	1958	08/23-31									69		
Rudio Creek	6-238	1958	08/23-31			8						65		
Rudio Creek	6-238	1958	08/23-31			0						71		
Rudio Creek	6-238	1958	09/16-23									58		
Rudio Creek	6-238	1958	09/16-23									56		
Rudio Creek	6-238	1958	09/16-23			44						52		
Rudio Creek	6-238	1958	09/24-30									56		
Rudio Creek	6-238	1958	09/24-30			47						58		
Cotnwd Cr-N Fk JD R	6-260	1958	07/01-07			2						61		
Cotnwd Cr-N Fk JD R	6-260	1958	07/01-07			0						72		
Cotnwd Cr-N Fk JD R	6-260	1958	07/01-07									78		
Cotnwd Cr-N Fk JD R	6-260	1958	07/01-07									64		
Cotnwd Cr-N Fk JD R	6-260	1958	07/15-23									83		
Cotnwd Cr-N Fk JD R	6-260	1958	07/15-23			0						74		
Cotnwd Cr-N Fk JD R	6-260	1958	07/23-31			0			2 wf			79		
Cotnwd Cr-N Fk JD R	6-260	1958	07/23-31									81		
Cotnwd Cr-N Fk JD R	6-260	1958	07/23-31									83		
Cotnwd Cr-N Fk JD R	6-260	1958	08/08-15			1			4 wf			81		
Cotnwd Cr-N Fk JD R	6-260	1958	08/08-15									78		
Cotnwd Cr-N Fk JD R	6-260	1958	08/08-15									79		
Cotnwd Cr-N Fk JD R	6-260	1958	08/15-23			0			2 wf			83		
Cotnwd Cr-N Fk JD R	6-260	1958	08/15-23									83		
Cotnwd Cr-N Fk JD R	6-260	1958	08/23-31			0						77		
Cotnwd Cr-N Fk JD R	6-260	1958	08/23-31									73		
Cotnwd Cr-N Fk JD R	6-260	1958	09/01-07									76		
Cotnwd Cr-N Fk JD R	6-260	1958	09/08-15			0						71		
Cotnwd Cr-N Fk JD R	6-260	1958	09/08-15									66		

DATA SUMMARY FORM 1959  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP (F°)			REMARKS/OBSERVATIONS			
				BuT	CT	StS	ChS	Lam.	Other	H2O		AIR	TIME	FLOW
N Fk John Day River	6-151	1959	06-26				5					67		
N Fk John Day River	6-151	1959	06-30									67		
N Fk John Day River	6-151	1959	07-03				8					62		
N Fk John Day River	6-151	1959	07-06									70		
N Fk John Day River	6-151	1959	07-08				13					66		
N Fk John Day River	6-151	1959	07-10									67		
N Fk John Day River	6-151	1959	07-13									67		
N Fk John Day River	6-151	1959	07-16				9					67.4		
N Fk John Day River	6-151	1959	07-20									75		
N Fk John Day River	6-151	1959	07-23									76		
N Fk John Day River	6-151	1959	07-27				4					62		
N Fk John Day River	6-151	1959	07-31									70		
N Fk John Day River	6-151	1959	08-03				3					76		
N Fk John Day River	6-151	1959	08-05									74		
N Fk John Day River	6-151	1959	08-07									74		
N Fk John Day River	6-151	1959	08-10				0					74		
N Fk John Day River	6-151	1959	08-12									71		
N Fk John Day River	6-151	1959	08-14									64		
N Fk John Day River	6-151	1959	08-18				0					62		
N Fk John Day River	6-151	1959	08-19									60		
N Fk John Day River	6-151	1959	08-21									63		
N Fk John Day River	6-151	1959	08-24				2					62		
N Fk John Day River	6-151	1959	08-26									67		
N Fk John Day River	6-151	1959	08-28									64		
N Fk John Day River	6-151	1959	08-31									66		
N Fk John Day River	6-151	1959	09-02				0					63		
N Fk John Day River	6-151	1959	09-04									63		
N Fk John Day River	6-151	1959	09-10				0			9 wf		64		
N Fk John Day River	6-151	1959	09-11									68		
N Fk John Day River	6-151	1959	09-15									64		
N Fk John Day River	6-151	1959	09-17				0					60		
N Fk John Day River	6-151	1959	09-23									66		
N Fk John Day River	6-151	1959	09-25									61		
N Fk John Day River	6-151	1959	09-28									56		
Rudio Creek	6-238	1959	05-12				291					53		
Rudio Creek	6-238	1959	05-15									48		
Rudio Creek	6-238	1959	05-18				306					54		
Rudio Creek	6-238	1959	05-19									52		
Rudio Creek	6-238	1959	05-21									56		
Rudio Creek	6-238	1959	05-24				140					68		
Rudio Creek	6-238	1959	05-26									57		
Rudio Creek	6-238	1959	05-29									56		
Rudio Creek	6-238	1959	05-31									57		

**DATA SUMMARY FORM 1959**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS	
				BuT	CT	StS	ChS	Lam	Other	H2O			AIR
Rudio Creek	6-238	1959	06-02				134				54		
Rudio Creek	6-238	1959	06-04								63		
Rudio Creek	6-238	1959	06-07								59		
Rudio Creek	6-238	1959	06-09				7				65		
Rudio Creek	6-238	1959	06-11								67		
Rudio Creek	6-238	1959	06-17				0						
Rudio Creek	6-238	1959	06-24				2						
Rudio Creek	6-238	1959	06-30								65		
Rudio Creek	6-238	1959	07-03				6				62		
Rudio Creek	6-238	1959	07-06								64		
Rudio Creek	6-238	1959	07-16				0						
Rudio Creek	6-238	1959	07-20										
Rudio Creek	6-238	1959	08-21				0				59		
Rudio Creek	6-238	1959	08-24				6				60		
Rudio Creek	6-238	1959	08-26								65		
Rudio Creek	6-238	1959	08-28								63		
Rudio Creek	6-238	1959	08-31								64		
Rudio Creek	6-238	1959	09-01				0				61		
Rudio Creek	6-238	1959	09-04								58		
Rudio Creek	6-238	1959	09-08				6				59		
Rudio Creek	6-238	1959	09-11								68		
Rudio Creek	6-238	1959	09-15								63		
Rudio Creek	6-238	1959	09-17				3				60		
Rudio Creek	6-238	1959	09-23				65				64		
Rudio Creek	6-238	1959	09-25								61		
Rudio Creek	6-238	1959	09-28								54		
Rudio Creek	6-238	1959	09-30								56		
Cotnwd Cr-N Fk JD R	6-257	1959	06-16				55				57		
Cotnwd Cr-N Fk JD R	6-257	1959	06-18								69		
Cotnwd Cr-N Fk JD R	6-257	1959	06-22								69		
Cotnwd Cr-N Fk JD R	6-257	1959	06-24				51				68		
Cotnwd Cr-N Fk JD R	6-257	1959	06-26								63		
Cotnwd Cr-N Fk JD R	6-257	1959	06-30										
Cotnwd Cr-N Fk JD R	6-257	1959	07-03				12			2 wf	64		
Cotnwd Cr-N Fk JD R	6-257	1959	07-06								63		
Cotnwd Cr-N Fk JD R	6-257	1959	07-08				16			3 wf	64		
Cotnwd Cr-N Fk JD R	6-257	1959	07-10								64		
Cotnwd Cr-N Fk JD R	6-257	1959	07-13								66		
Cotnwd Cr-N Fk JD R	6-257	1959	07-16				18			2wf	73		
Cotnwd Cr-N Fk JD R	6-257	1959	07-20								74		
Cotnwd Cr-N Fk JD R	6-257	1959	07-23								71		
Cotnwd Cr-N Fk JD R	6-257	1959	07-27				5			2 wf	61		
Cotnwd Cr-N Fk JD R	6-257	1959	07-31								69		

DATA SUMMARY FORM 1959  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS
						StS	ChS	Lam	Other	H2O	AIR	TIME		
Cotnwd Cr-N Fk JD R	6-257	1959	08-03				8				1 wf	74		
Cotnwd Cr-N Fk JD R	6-257	1959	08-05									73		
Cotnwd Cr-N Fk JD R	6-257	1959	08-07									72		
Cotnwd Cr-N Fk JD R	6-257	1959	08-10				4				2 wf	73		
Cotnwd Cr-N Fk JD R	6-257	1959	08-12									71		
Cotnwd Cr-N Fk JD R	6-257	1959	08-14									60		
Cotnwd Cr-N Fk JD R	6-257	1959	08-18				5					65		
Cotnwd Cr-N Fk JD R	6-257	1959	08-21									61		
Cotnwd Cr-N Dk JD R	6-257	1959	08-24				38					62		
Cotnwd Cr-N Dk JD R	6-257	1959	08-26									59		
Cotnwd Cr-N Dk JD R	6-257	1959	08-28									61		
Cotnwd Cr-N Dk JD R	6-257	1959	08-31									62		
Cotnwd Cr-N Fk JD R	6-257	1959	09-02				16					61		
Cotnwd Cr-N Fk JD R	6-257	1959	09-04									54		
Cotnwd Cr-N Fk JD R	6-257	1959	09-08				30					60		
Cotnwd Cr-N Fk JD R	6-257	1959	09-11									64		
Cotnwd Cr-N Fk JD R	6-257	1959	09-15									62		
Cotnwd Cr-N Fk JD R	6-257	1959	09-17				7					58		
Cotnwd Cr-N Fk JD R	6-257	1959	09-23				23					64		
Cotnwd Cr-N Fk JD R	6-257	1959	09-25									59		
Cotnwd Cr-N Fk JD R	6-257	1959	09-28									54		
Rudio Creek	6-284	1959	09-02				0							

**DATA SUMMARY FORM 1960**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS
						StS	ChS	Lam	Other	H2O	AIR	TIME		
N. Fk. John Day River	6-151	1960	06-27			0					74			
N. Fk. John Day River	6-151	1960	06-29								78			
N. Fk. John Day River	6-151	1960	07-01			2					70			
N. Fk. John Day River	6-151	1960	07-05								73			
N. Fk. John Day River	6-151	1960	07-07								79			
N. Fk. John Day River	6-151	1960	07-11			9					79			
N. Fk. John Day River	6-151	1960	07-13								80			
N. Fk. John Day River	6-151	1960	07-15								80			
N. Fk. John Day River	6-151	1960	07-18			3					80			
N. Fk. John Day River	6-151	1960	07-20								81			
N. Fk. John Day River	6-151	1960	07-22			6					79			
N. Fk. John Day River	6-151	1960	07-25								75			
N. Fk. John Day River	6-151	1960	07-28								78			
N. Fk. John Day River	6-151	1960	08-01			0					77			
N. Fk. John Day River	6-151	1960	08-04								76			
N. Fk. John Day River	6-151	1960	08-08			0					77			
N. Fk. John Day River	6-151	1960	08-11								77			
N. Fk. John Day River	6-151	1960	08-15								67			
N. Fk. John Day River	6-151	1960	08-17			0					68			
N. Fk. John Day River	6-151	1960	08-19								69			
N. Fk. John Day River	6-151	1960	08-22								65			
N. Fk. John Day River	6-151	1960	08-24			0					57			
N. Fk. John Day River	6-151	1960	08-26								56			
N. Fk. John Day River	6-151	1960	08-29								56			
N. Fk. John Day River	6-151	1960	09-02			0					60			
N. Fk. John Day River	6-151	1960	09-06								56			
N. Fk. John Day River	6-151	1960	09-12			0					61			
N. Fk. John Day River	6-151	1960	09-14								62			
N. Fk. John Day River	6-151	1960	09-16			2					62			
N. Fk. John Day River	6-151	1960	09-19								59			
N. Fk. John Day River	6-151	1960	09-19			2					48			
N. Fk. John Day River	6-151	1960	09-25								54			
N. Fk. John Day River	6-151	1960	09-26								56			
N. Fk. John Day River	6-151	1960	09-28								57			
N. Fk. John Day River	6-151	1960	09-30											
Rudio Creek	6-238	1960	05-02			297					54			
Rudio Creek	6-238	1960	05-04								57			
Rudio Creek	6-238	1960	05-06								58			
Rudio Creek	6-238	1960	05-09			562					61			
Rudio Creek	6-238	1960	05-11								63			
Rudio Creek	6-238	1960	05-13								58			
Rudio Creek	6-238	1960	05-19			102								
Rudio Creek	6-238	1960	05-21								59			

23-May-97

721 S. Canyon Blvd., John Day, OR 97845



**DATA SUMMARY FORM 1960**  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS		
				BuT	CT	StS	ChS	Lam	Other	H2O			AIR	TIME
Rudio Creek	6-238	1960	05-23									61		
Rudio Creek	6-238	1960	06-16			18						66		
Rudio Creek	6-238	1960	06-20									68		
Rudio Creek	6-238	1960	06-23											
Rudio Creek	6-238	1960	06-27			13						72		
Rudio Creek	6-238	1960	06-29									73		
Rudio Creek	6-238	1960	07-01			24						66		
Rudio Creek	6-238	1960	07-05									73		
Rudio Creek	6-238	1960	07-07									76		
Rudio Creek	6-238	1960	07-11			28						77		
Rudio Creek	6-238	1960	07-13									79		
Rudio Creek	6-238	1960	07-15									80		
Rudio Creek	6-238	1960	08-24			11						56		
Rudio Creek	6-238	1960	08-26									54		
Rudio Creek	6-238	1960	08-29									54		
Rudio Creek	6-238	1960	09-02			14						58		
Rudio Creek	6-238	1960	09-06									56		
Rudio Creek	6-238	1960	09-12			9						61		
Rudio Creek	6-238	1960	09-14									62		
Rudio Creek	6-238	1960	09-16			9						60		
Rudio Creek	6-238	1960	09-19									57		
Rudio Creek	6-238	1960	09-19			19						48		
Rudio Creek	6-238	1960	09-20									54		
Rudio Creek	6-238	1960	09-26									56		
Rudio Creek	6-238	1960	09-28									54		
Rudio Creek	6-238	1960	09-30									53		
Rudio Creek	6-238	1960	10-03			4						54		
Rudio Creek	6-238	1960	10-05											
Cotnwd Cr-N Fk JD R	6-257	1960	05-12			10						61		
Cotnwd Cr-N Fk JD R	6-257	1960	05-25			24						56		
Cotnwd Cr-N Fk JD R	6-257	1960	05-27									61		
Cotnwd Cr-N Fk JD R	6-257	1960	05-29									58		
Cotnwd Cr-N Fk JD R	6-257	1960	05-31									55		
Cotnwd Cr-N Fk JD R	6-257	1960	06-02			4						61		
Cotnwd Cr-N Fk JD R	6-257	1960	06-06									68		
Cotnwd Cr-N Fk JD R	6-257	1960	06-08			20						65		
Cotnwd Cr-N Fk JD R	6-257	1960	06-10									69		
Cotnwd Cr-N Fk JD R	6-257	1960	06-14									68		
Cotnwd Cr-N Fk JD R	6-257	1960	06-16			13						66		
Cotnwd Cr-N Fk JD R	6-257	1960	06-20									65		
Cotnwd Cr-N Fk JD R	6-257	1960	06-23									69		
Cotnwd Cr-N Fk JD R	6-257	1960	06-27			10						68		
Cotnwd Cr-N Fk JD R	6-257	1960	06-29									72		

**DATA SUMMARY FORM 1960**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP (F°)				REMARKS/OBSERVATIONS		
				BuT	CT	StS	ChS	Lam	Other	H2O	AIR		TIME	FLOW
Cotnwd Cr-N Fk JD R	6-257	1960	07-01			21					67			
Cotnwd Cr-N Fk JD R	6-257	1960	07-05								71			
Cotnwd Cr-N Fk JD R	6-257	1960	07-07								74			
Cotnwd Cr-N Fk JD R	6-257	1960	07-11			16					77			
Cotnwd Cr-N Fk JD R	6-257	1960	07-13								79			
Cotnwd Cr-N Fk JD R	6-257	1960	07-15								76			
Cotnwd Cr-N Fk JD R	6-257	1960	07-18			17					80			
Cotnwd Cr-N Fk JD R	6-257	1960	07-20								79			
Cotnwd Cr-N Fk JD R	6-257	1960	07-22			17			3 wf		78			
Cotnwd Cr-N Fk JD R	6-257	1960	07-25								76			
Cotnwd Cr-N Fk JD R	6-257	1960	07-28								78			
Cotnwd Cr-N Fk JD R	6-257	1960	08-01			4					72			
Cotnwd Cr-N Fk JD R	6-257	1960	08-04								70			
Cotnwd Cr-N FK JD R	6-257	1960	08-08			12					70			
Cotnwd Cr-N FK JD R	6-257	1960	08-11								70			
Cotnwd Cr-N FK JD R	6-257	1960	08-15								65			
Cotnwd Cr-N Fk JD R	6-257	1960	08-17			43					66			
Cotnwd Cr-N Fk JD R	6-257	1960	08-19								69			
Cotnwd Cr-N Fk JD R	6-257	1960	08-22								63			
Cotnwd Cr-N Fk JD R	6-257	1960	08-24			38					56			
Cotnwd Cr-N Fk JD R	6-257	1960	08-26								54			
Cotnwd Cr-N Fk JD R	6-257	1960	08-29								54			
Cotnwd Cr-N Fk JD R	6-257	1960	09-02			26					58			
Cotnwd Cr-N Fk JD R	6-257	1960	09-06								54			
Cotnwd Cr-N Fk JD R	6-257	1960	09-12			46					62			
Cotnwd Cr-N Fk JD R	6-257	1960	09-14								59			
Cotnwd Cr-N Fk JD R	6-257	1960	09-16			38					60			
Cotnwd Cr-N Fk JD R	6-257	1960	09-19								56			
Cotnwd Cr-N Fk JD R	6-257	1960	09-19			68					54			
Cotnwd Cr-N Fk JD R	6-257	1960	09-20								56			
Cotnwd Cr-N Fk JD R	6-257	1960	09-26								57			
Cotnwd Cr-N Fk JD R	6-257	1960	09-28								56			
Cotnwd Cr-N Fk JD R	6-257	1960	09-30								50			
Cotnwd Cr-N Fk JD R	6-257	1960	10-03			16					51			
Cotnwd Cr-N Fk JD R	6-257	1960	10-05								53			
Cotnwd Cr-N Fk JD R	6-257	1960	10-07								52			

**DATA SUMMARY FORM 1961**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP (F°)			REMARKS/OBSERVATIONS			
				BuT	CT	StS	ChS	Lam	Other	H2O		AIR	TIME	FLOW
N. Fk. John Day River	6-151	1961	04-24			10					49			
N. Fk. John Day River	6-151	1961	04-26								45			
N. Fk. John Day River	6-151	1961	04-28								46			
N. Fk. John Day River	6-151	1961	05-02			11					48			
N. Fk. John Day River	6-151	1961	05-04								44			
N. Fk. John Day River	6-151	1961	05-08			32					50			
N. Fk. John Day River	6-151	1961	05-10								56			
N. Fk. John Day River	6-151	1961	05-12								47			
N. Fk. John Day River	6-151	1961	05-16			14					50			
N. Fk. John Day River	6-151	1961	05-18								52			
N. Fk. John Day River	6-151	1961	05-22								56			
N. Fk. John Day River	6-151	1961	05-24			4					50			
N. Fk. John Day River	6-151	1961	05-26								58			
N. Fk. John Day River	6-151	1961	05-31								62			
N. Fk. John Day River	6-151	1961	06-02			5			23 wf		60			
N. Fk. John Day River	6-151	1961	06-06								62			
N. Fk. John Day River	6-151	1961	06-08			8			42 wf		62			
N. Fk. John Day River	6-151	1961	06-12								58			
N. Fk. John Day River	6-151	1961	06-14								58			
N. Fk. John Day River	6-151	1961	06-16			19			86 wf		67			
N. Fk. John Day River	6-151	1961	06-21								72			
N. Fk. John Day River	6-151	1961	06-23								70			
N. Fk. John Day River	6-151	1961	06-26			5			56 wf		68			
N. Fk. John Day River	6-151	1961	06-28								64			
N. Fk. John Day River	6-151	1961	06-30								54			
N. Fk. John Day River	6-151	1961	07-05			0			49 wf		66			
N. Fk. John Day River	6-151	1961	07-07								64			
N. Fk. John Day River	6-151	1961	07-11			0			43 wf		69			
N. Fk. John Day River	6-151	1961	07-13								70			
N. Fk. John Day River	6-151	1961	07-17			0			64 wf		68			
N. Fk. John Day River	6-151	1961	07-20								70			
N. Fk. John Day River	6-151	1961	07-24			2			68 wf		70			
N. Fk. John Day River	6-151	1961	07-27								68			
N. Fk. John Day River	6-151	1961	07-31								66			
N. Fk. John Day River	6-151	1961	08-03			0			85 wf		70			
N. Fk. John Day River	6-151	1961	08-07								65			
N. Fk. John Day River	6-151	1961	08-10			0			88 wf		70			
N. Fk. John Day River	6-151	1961	08-14								78			
N. Fk. John Day River	6-151	1961	08-17			0			23 wf		74			
N. Fk. John Day River	6-151	1961	08-21								76			
N. Fk. John Day River	6-151	1961	08-24			0			20 wf		72			
N. Fk. John Day River	6-151	1961	08-28								65			
N. Fk. John Day River	6-151	1961	08-30								65			

DATA SUMMARY FORM 1961  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES					TEMP (F°)			FLOW	REMARKS/OBSERVATIONS	
				BuT	CT	StS	ChS	Lam	Other	H2O	AIR			TIME
N. Fk. John Day River	6-151	1961	09-01			0				23 wf	62			
N. Fk. John Day River	6-151	1961	09-06								58			
N. Fk. John Day River	6-151	1961	09-08			0				12 wf	60			
N. Fk. John Day River	6-151	1961	09-13								64			
N. Fk. John Day River	6-151	1961	09-15								65			
N. Fk. John Day River	6-151	1961	09-18			2				5 wf	55			
N. Fk. John Day River	6-151	1961	09-20											
N. Fk. John Day River	6-151	1961	09-22								48			
N. Fk. John Day River	6-151	1961	10-03			0					54			
N. Fk. John Day River	6-151	1961	10-06								56			
N. Fk. John Day River	6-151	1961	10-10			0					50			
N. Fk. John Day River	6-151	1961	10-13								50			
N. Fk. John Day River	6-151	1961	10-16			1					56			
N. Fk. John Day River	6-151	1961	10-19								58			
N. Fk. John Day River	6-151	1961	10-23								45			
N. Fk. John Day River	6-151	1961	10-27			0					45			
N. Fk. John Day River	6-151	1961	10-30								40			
Rudio Creek	6-238	1961	04-18			208					45			
Rudio Creek	6-238	1961	04-20								43			
Rudio Creek	6-238	1961	04-24			193					48			
Rudio Creek	6-238	1961	04-26								57			
Rudio Creek	6-238	1961	04-28								54			
Rudio Creek	6-238	1961	05-02			751					56			
Rudio Creek	6-238	1961	05-04								44			
Rudio Creek	6-238	1961	05-08			172					54			
Rudio Creek	6-238	1961	05-10								52			
Rudio Creek	6-238	1961	05-12								50			
Rudio Creek	6-238	1961	05-16			360				5 wf	58			
Rudio Creek	6-238	1961	05-18								62			
Rudio Creek	6-238	1961	05-22								62			
Rudio Creek	6-238	1961	05-24			1					50			
Rudio Creek	6-238	1961	05-26								54			
Rudio Creek	6-238	1961	05-31								65			
Cotnwd Cr-N Fk JD R	6-257	1961	05-04			1					42			
Cotnwd Cr-N Fk JD R	6-257	1961	05-08			22					50			
Cotnwd Cr-N Fk JD R	6-257	1961	05-10								50			
Cotnwd Cr-N Fk JD R	6-257	1961	05-12								46			
Cotnwd Cr-N Fk JD R	6-257	1961	05-16			4	7				52			
Cotnwd Cr-N Fk JD R	6-257	1961	05-18								52			
Cotnwd Cr-N Fk JD R	6-257	1961	05-22								62			
Cotnwd Cr-N Fk JD R	6-257	1961	05-24			13				8 wf	50			
Cotnwd Cr-N Fk JD R	6-257	1961	05-26								58			
Cotnwd Cr-N Fk JD R	6-257	1961	05-31								62			

**DATA SUMMARY FORM 1961**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES						TEMP (F°)				REMARKS/OBSERVATIONS
				BuT	CT	StS	ChS	Lam	Other	H2O	AIR	TIME	FLOW	
Cotnwd Cr-N Fk JD R	6-257	1961	06-02			14			19 wf	60				
Cotnwd Cr-N Fk JD R	6-257	1961	06-06							66				
Cotnwd Cr-N Fk JD R	6-257	1961	06-08			15				60				
Cotnwd Cr-N Fk JD R	6-257	1961	06-12							60				
Cotnwd Cr-N Fk JD R	6-257	1961	06-14							60				
Cotnwd Cr-N Fk JD R	6-257	1961	06-16			75			43 wf	68				
Cotnwd Cr-N Fk JD R	6-257	1961	06-21							72				
Cotnwd Cr-N Fk JD R	6-257	1961	06-23							68				
Cotnwd Cr-N Fk JD R	6-257	1961	06-26			1			13 wf	68				
Cotnwd Cr-N Fk JD R	6-257	1961	06-28							58				
Cotnwd Cr-N Fk JD R	6-257	1961	06-30							54				
Cotnwd Cr-N Fk JD R	6-257	1961	07-05			3			11 wf	66				
Cotnwd Cr-N Fk JD R	6-257	1961	07-07							64				
Cotnwd Cr-N Fk JD R	6-257	1961	07-11			4				64				
Cotnwd Cr-N Fk JD R	6-257	1961	07-13							68				
Cotnwd Cr-N Fk JD R	6-257	1961	07-17			3				64				
Cotnwd Cr-N Fk JD R	6-257	1961	07-20							62				
Cotnwd Cr-N Fk JD R	6-257	1961	07-24			4				64				
Cotnwd Cr-N Fk JD R	6-257	1961	07-27							68				
Cotnwd Cr-N Fk JD R	6-257	1961	07-31							62				
Cotnwd Cr-N Fk JD R	6-257	1961	08-03			0				67				
Cotnwd Cr-N Fk JD R	6-257	1961	08-07							62				
Cotnwd Cr-N Fk JD R	6-257	1961	08-10			0				64				
Cotnwd Cr-N Fk JD R	6-257	1961	08-14							66				
Cotnwd Cr-N Fk JD R	6-257	1961	08-17			3				68				
Cotnwd Cr-N Fk JD R	6-257	1961	08-21							64				
Cotnwd Cr-N Fk JD R	6-257	1961	08-24			2				68				
Cotnwd Cr-N Fk JD R	6-257	1961	08-28							63				
Cotnwd Cr-N Fk JD R	6-257	1961	08-30							62				
Cotnwd Cr-N Fk JD R	6-257	1961	09-01			0								
Cotnwd Cr-N Fk JD R	6-257	1961	09-06											
Cotnwd Cr-N Fk JD R	6-257	1961	09-08			1								
Cotnwd Cr-N Fk JD R	6-257	1961	09-13							63				
Cotnwd Cr-N Fk JD R	6-257	1961	09-15							64				
Cotnwd Cr-N Fk JD R	6-257	1961	09-18			5				52				
Cotnwd Cr-N Fk JD R	6-257	1961	09-20							52				
Cotnwd Cr-N Fk JD R	6-257	1961	09-22							48				
Cotnwd Cr-N Fk JD R	6-257	1961	09-28			1				54				
Cotnwd Cr-N Fk JD R	6-257	1961	10-03			3				55				
Cotnwd Cr-N Fk JD R	6-257	1961	10-06							52				
Cotnwd Cr-N Fk JD R	6-257	1961	10-10			1				48				

**DATA SUMMARY FORM 1962**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS
						StS	ChS	Lam	Other	H2O	AIR	TIME		
N. Fk. John Day River	6-151	1962	04-18			0					42			
N. Fk. John Day River	6-151	1962	04-20											
N. Fk. John Day River	6-151	1962	05-09			10					52			
N. Fk. John Day River	6-151	1962	05-11								48			
N. Fk. John Day River	6-151	1962	05-15								50			
N. Fk. John Day River	6-151	1962	05-17			4			2 wf		50			
N. Fk. John Day River	6-151	1962	05-22								52			
N. Fk. John Day River	6-151	1962	05-24			2					50			
N. Fk. John Day River	6-151	1962	05-28								54			
N. Fk. John Day River	6-151	1962	05-31								54			
N. Fk. John Day River	6-151	1962	06-04			4			1 wf		48			
N. Fk. John Day River	6-151	1962	06-06								48			
N. Fk. John Day River	6-151	1962	06-08			11					50			
N. Fk. John Day River	6-151	1962	06-12								56			
N. Fk. John Day River	6-151	1962	06-14								58			
N. Fk. John Day River	6-151	1962	06-18			8					60			
N. Fk. John Day River	6-151	1962	06-20								62			
N. Fk. John Day River	6-151	1962	06-23								60			
N. Fk. John Day River	6-151	1962	06-26			3					64			
N. Fk. John Day River	6-151	1962	06-28								66			
N. Fk. John Day River	6-151	1962	07-02			0					56			
N. Fk. John Day River	6-151	1962	07-05								60			
N. Fk. John Day River	6-151	1962	07-09			1								
N. Fk. John Day River	6-151	1962	07-11											
N. Fk. John Day River	6-151	1962	07-13								62			
N. Fk. John Day River	6-151	1962	07-17			0					60			
N. Fk. John Day River	6-151	1962	07-20								62			
N. Fk. John Day River	6-151	1962	07-24			0			15 wf		76			
N. Fk. John Day River	6-151	1962	07-26								68			
N. Fk. John Day River	6-151	1962	07-30								66			
N. Fk. John Day River	6-151	1962	08-01			0			2 wf		68			
N. Fk. John Day River	6-151	1962	08-03											
N. Fk. John Day River	6-151	1962	08-09			1			9 wf		60			
N. Fk. John Day River	6-151	1962	08-13								60			
N. Fk. John Day River	6-151	1962	08-16			0			10 wf		70			
N. Fk. John Day River	6-151	1962	08-18								62			
N. Fk. John Day River	6-151	1962	08-21											
N. Fk. John Day River	6-151	1962	08-23								68			
N. Fk. John Day River	6-151	1962	09-10			0			5 wf		56			
N. Fk. John Day River	6-151	1962	09-12											
N. Fk. John Day River	6-151	1962	09-14								56			
N. Fk. John Day River	6-151	1962	09-18			0			10 wf		58			
N. Fk. John Day River	6-151	1962	09-20								58			

DATA SUMMARY FORM 1962  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES					TEMP (F°)			REMARKS/OBSERVATIONS		
				BuT	CT	StS	ChS	Lam	Other	H2O	AIR		TIME	
Rudio Creek	6-238	1962	05-17			109								
Rudio Creek	6-238	1962	05-22							58				
Rudio Creek	6-238	1962	05-24			76				48				
Rudio Creek	6-238	1962	05-28							56				
Rudio Creek	6-238	1962	05-31							58				
Rudio Creek	6-238	1962	07-02			4				60				
Rudio Creek	6-238	1962	07-05							62				
Rudio Creek	6-238	1962	07-09			1				62				
Rudio Creek	6-238	1962	07-11							60				
Rudio Creek	6-238	1962	07-13											
Rudio Creek	6-238	1962	07-17			1				58				
Rudio Creek	6-238	1962	07-20							60				
Rudio Creek	6-238	1962	07-24			10				76				
Rudio Creek	6-238	1962	07-26							66				
Rudio Creek	6-238	1962	07-30							66				
Rudio Creek	6-238	1962	08-01			1				66				
Rudio Creek	6-238	1962	08-03							62				
Rudio Creek	6-238	1962	08-07							65				
Rudio Creek	6-238	1962	08-09			1								
Rudio Creek	6-238	1962	08-13											
Rudio Creek	6-238	1962	08-16			0								
Rudio Creek	6-238	1962	08-18											water turned off
Rudio Creek	6-238	1962	08-21											water turned off
Rudio Creek	6-238	1962	08-23											water turned off
Rudio Creek	6-238	1962	09-10			2				56				water turned off
Rudio Creek	6-238	1962	09-12											
Rudio Creek	6-238	1962	09-18			1				56				
Rudio Creek	6-238	1962	09-20							58				
Cotnwd Cr.-N Fk JD R	6-257	1962	04-26			0				43				
Cotnwd Cr.-N Fk JD R	6-257	1962	05-09			1				50				
Cotnwd Cr.-N Fk JD R	6-257	1962	05-11							50				
Cotnwd Cr.-N Fk JD R	6-257	1962	06-08			1								
Cotnwd Cr.-N Fk JD R	6-257	1962	06-12											
Cotnwd Cr.-N Fk JD R	6-257	1962	06-14							54				
Cotnwd Cr.-N Fk JD R	6-257	1962	06-18			0				60				
Cotnwd Cr.-N Fk JD R	6-257	1962	06-20							62				
Cotnwd Cr.-N Fk JD R	6-257	1962	06-23							60				
Cotnwd Cr.-N Fk JD R	6-257	1962	06-26							60				
Cotnwd Cr.-N Fk JD R	6-257	1962	06-28			30				60				
Cotnwd Cr.-N Fk JD R	6-257	1962	07-02							60				
Cotnwd Cr.-N Fk JD R	6-257	1962	07-05			2				60				
Cotnwd Cr.-N Fk JD R	6-257	1962	07-09							60				
Cotnwd Cr.-N Fk JD R	6-257	1962	07-11			11				60				
Cotnwd Cr.-N Fk JD R	6-257	1962	07-11							58				

**DATA SUMMARY FORM 1962**  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS
						StS	ChS	Lam	Other	H2O	AIR	TIME		
Cotnwd Cr.-N Fk JD R 6-257		1962	07-13											
Cotnwd Cr.-N Fk JD R 6-257		1962	07-17			6					58			
Cotnwd Cr.-N Fk JD R 6-257		1962	07-20								62			
Cotnwd Cr.-N Fk JD R 6-257		1962	07-24			8					72			
Cotnwd Cr.-N Fk JD R 6-257		1962	07-26								62			
Cotnwd Cr.-N Fk JD R 6-257		1962	07-30								64			
Cotnwd Cr.-N Fk JD R 6-257		1962	08-01			5					62			
Cotnwd Cr.-N Fk JD R 6-257		1962	08-03								60			
Cotnwd Cr.-N Fk JD R 6-257		1962	08-07								63			
Cotnwd Cr.-N Fk JD R 6-257		1962	08-09			5					58			
Cotnwd Cr.-N Fk JD R 6-257		1962	08-13								58			
Cotnwd Cr.-N Fk JD R 6-257		1962	08-16			5					68			
Cotnwd Cr.-N Fk JD R 6-257		1962	08-18								60			
Cotnwd Cr.-N Fk JD R 6-257		1962	08-21								70			
Cotnwd Cr.-N Fk JD R 6-257		1962	08-23											
Cotnwd Cr.-N Fk JD R 6-257		1962	09-10			11					54			
Cotnwd Cr.-N Fk JD R 6-257		1962	09-12								54			
Cotnwd Cr.-N Fk JD R 6-257		1962	09-14								56			
Cotnwd Cr.-N Fk JD R 6-257		1962	09-18			8					56			
Cotnwd Cr.-N Fk JD R 6-257		1962	09-20								58			
Cotnwd Cr.-N Fk JD R 6-257		1962	09-24			0								
Cotnwd Cr.-N Fk JD R 6-257		1962	09-27											



DATA SUMMARY FORM 1963  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP. (F°)			FLOW	REMARKS/OBSERVATIONS
						StS	ChS	Lam	Other	H2O	AIR	TIME		
N. Fk. John Day River	6-151	1963	05-27			0					62			
N. Fk. John Day River	6-151	1963	05-29								64			
N. Fk. John Day River	6-151	1963	06-04			3					56			
N. Fk. John Day River	6-151	1963	06-06								58			
N. Fk. John Day River	6-151	1963	06-11			2					60			
N. Fk. John Day River	6-151	1963	06-13								68			
N. Fk. John Day River	6-151	1963	06-17			0					72			
N. Fk. John Day River	6-151	1963	06-20								70			
N. Fk. John Day River	6-151	1963	06-24			0					64			
N. Fk. John Day River	6-151	1963	06-26								72			
N. Fk. John Day River	6-151	1963	06-28								68			
N. Fk. John Day River	6-151	1963	07-02			0					84			
N. Fk. John Day River	6-151	1963	07-05								72			
N. Fk. John Day River	6-151	1963	07-09			0					70			
N. Fk. John Day River	6-151	1963	07-12								66			
N. Fk. John Day River	6-151	1963	07-16			1					68			
N. Fk. John Day River	6-151	1963	07-19								74			
N. Fk. John Day River	6-151	1963	07-23								78			
Rudio Creek	6-238	1963	05-21				298				72			
Rudio Creek	6-238	1963	05-23				565				62			
Rudio Creek	6-238	1963	05-27								70			
Rudio Creek	6-238	1963	05-29								74			
Rudio Creek	6-238	1963	06-04			9			1 Bt		54		1-13 mch Eastern Brook Trout	
Rudio Creek	6-238	1963	06-06								58			
Rudio Creek	6-238	1963	06-11			4					62			
Rudio Creek	6-238	1963	06-13								68			
Rudio Creek	6-238	1963	06-17			0					68			
Rudio Creek	6-238	1963	06-20								70			
Rudio Creek	6-238	1963	06-24			2					58			
Rudio Creek	6-238	1963	06-26								64			
Rudio Creek	6-238	1963	06-28								60			
Rudio Creek	6-238	1963	07-02			3					66			
Rudio Creek	6-238	1963	07-05								66			
Rudio Creek	6-238	1963	07-09			5					64			
Rudio Creek	6-238	1963	07-12								74			
Rudio Creek	6-238	1963	07-16			3					66			
Rudio Creek	6-238	1963	07-19								78			
Rudio Creek	6-238	1963	07-25			1					74			
Rudio Creek	6-238	1963	07-29								76			
Rudio Creek	6-238	1963	08-01			0					72			
Rudio Creek	6-238	1963	08-05								70			
Rudio Creek	6-238	1963	08-08			0					78			
Rudio Creek	6-238	1963	08-12								82			

**DATA SUMMARY FORM 1963**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES					TEMP (F°)			REMARKS/OBSERVATIONS		
				BuT	CT	StS	CHS	Lam	Other	H2O	AIR		TIME	FLOW
Rudio Creek	6-238	1963	08-26			0					70			
Rudio Creek	6-238	1963	09-04			0					76			
Cotnwd Cr.- N. FK. JD R.6-257		1963	05-29			0					62			
Cotnwd Cr.- N. FK. JD R.6-257		1963	06-04			1					54			
Cotnwd Cr.- N. FK. JD R.6-257		1963	06-06								56			
Cotnwd Cr.- N. FK. JD R.6-257		1963	06-11			3					68			
Cotnwd Cr.- N. FK. JD R.6-257		1963	06-13								72			
Cotnwd Cr.- N. FK. JD R.6-257		1963	06-17			0					80			
Cotnwd Cr.- N. FK. JD R.6-257		1963	06-17			0					68			
Cotnwd Cr.- N. FK. JD R.6-257		1963	06-20								74			
Cotnwd Cr.- N. FK. JD R.6-257		1963	06-20								70			
Cotnwd Cr.- N. FK. JD R.6-257		1963	06-24			0					64			
Cotnwd Cr.- N. FK. JD R.6-257		1963	06-26								72			
Cotnwd Cr.- N. FK. JD R.6-257		1963	06-28								70			
Cotnwd Cr.- N. FK. JD R.6-257		1963	07-02			0					64			
Cotnwd Cr.- N. FK. JD R.6-257		1963	07-05								66			
Cotnwd Cr.- N. FK. JD R.6-257		1963	07-09			1					68			
Cotnwd Cr.- N. FK. JD R.6-257		1963	07-12								60			
Cotnwd Cr.- N. FK. JD R.6-257		1963	07-16			1					70			
Cotnwd Cr.- N. FK. JD R.6-257		1963	07-19								74			
Cotnwd Cr.- N. FK. JD R.6-257		1963	07-23								76			
Cotnwd Cr.- N. FK. JD R.6-257		1963	07-25			2					72			
Cotnwd Cr.- N. FK. JD R.6-257		1963	07-29								70			
Cotnwd Cr.- N. FK. JD R.6-257		1963	08-01			1					72			
Cotnwd Cr.- N. FK. JD R.6-257		1963	08-05								72			
Cotnwd Cr.- N. FK. JD R.6-257		1963	08-08			0					70			
Cotnwd Cr.- N. FK. JD R.6-257		1963	08-12								72			
Cotnwd Cr.- N. FK. JD R.6-257		1963	08-15								70			
Cotnwd Cr.- N. FK. JD R.6-257		1963	08-26			0					70			
Cotnwd Cr.- N. FK. JD R.6-257		1963	08-29								72			
Cotnwd Cr.- N. FK. JD R.6-257		1963	09-04			0					74			
Cotnwd Cr.- N. FK. JD R.6-257		1963	09-06								76			
Cotnwd Cr.- N. FK. JD R.6-257		1963	09-10			0					70			
Cotnwd Cr.- N. FK. JD R.6-257		1963	09-13								74			
Cotnwd Cr.- N. FK. JD R.6-257		1963	09-18			0					66			
Cotnwd Cr.- N. FK. JD R.6-257		1963	09-20								64			
Cotnwd Cr.- N. FK. JD R.6-257		1963	09-23			0					60			

DATA SUMMARY FORM 1964  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS
						StS	ChS	Lam	Other	H2O	AIR	TIME		
N. Fk John Day River	6-151	1964	05-04			2			2 wf	43				
N. Fk John Day River	6-151	1964	05-07							49				
N. Fk John Day River	6-151	1964	05-11			0			18 wf	49				
N. Fk John Day River	6-151	1964	05-14							50				
N. Fk John Day River	6-151	1964	05-18			11			1 wf	54				
N. Fk John Day River	6-151	1964	05-21							51				
N. Fk John Day River	6-151	1964	05-25			5				49				
N. Fk John Day River	6-151	1964	05-28							47				
N. Fk John Day River	6-151	1964	06-01			1				58				
N. Fk John Day River	6-151	1964	06-04							57				
N. Fk John Day River	6-151	1964	06-08			6				54				
N. Fk John Day River	6-151	1964	06-11							54				
N. Fk John Day River	6-151	1964	06-15							58				
N. Fk John Day River	6-151	1964	06-18			3				52				
N. Fk John Day River	6-151	1964	06-22							56				
N. Fk John Day River	6-151	1964	06-25			0				69				
N. Fk John Day River	6-151	1964	06-29							68				
N. Fk John Day River	6-151	1964	07-02			0				67				
N. Fk John Day River	6-151	1964	07-06							65				
N. Fk John Day River	6-151	1964	07-09			0				68				
N. Fk John Day River	6-151	1964	07-13							74				
N. Fk John Day River	6-151	1964	07-16			0				72				
N. Fk John Day River	6-151	1964	07-20							72				
Rudio Creek	6-238	1964	04-16			34				38				
Rudio Creek	6-238	1964	04-20							39				
Rudio Creek	6-238	1964	04-23							38				
Rudio Creek	6-238	1964	04-27			1				39				
Rudio Creek	6-238	1964	04-30							43				
Rudio Creek	6-238	1964	05-04			1				42				
Rudio Creek	6-238	1964	05-07							46				
Rudio Creek	6-238	1964	05-11			151				46				
Rudio Creek	6-238	1964	05-14							43				
Rudio Creek	6-238	1964	05-18			296				51				
Rudio Creek	6-238	1964	05-21							50				
Rudio Creek	6-238	1964	05-25			123				48				
Rudio Creek	6-238	1964	05-28							57				
Rudio Creek	6-238	1964	06-01			23				73				
Rudio Creek	6-238	1964	06-04							68				
Rudio Creek	6-238	1964	06-08			83				56				
Rudio Creek	6-238	1964	06-11							59				
Rudio Creek	6-238	1964	06-15							62				
Rudio Creek	6-238	1964	06-18			9				62				
Rudio Creek	6-238	1964	06-22							63				

DATA SUMMARY FORM 1964  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES						TEMP. (F°)			REMARKS/OBSERVATIONS	
				BuT	CT	StS	ChS	Lam	Other	H2O	AIR	TIME		FLOW
Rudio Creek	6-238	1964	06-25			0					75			
Rudio Creek	6-238	1964	06-29								63			
Rudio Creek	6-238	1964	07-02			0			3 wf		74			
Rudio Creek	6-238	1964	07-06								75			
Rudio Creek	6-238	1964	07-09			0			8 wf		68			
Rudio Creek	6-238	1964	07-13								72			
Rudio Creek	6-238	1964	07-16			7					64			
Rudio Creek	6-238	1964	07-20								66			
Rudio Creek	6-238	1964	07-23								58			
Rudio Creek	6-238	1964	07-27			0					70			
Rudio Creek	6-238	1964	07-30								68			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	04-27			0								
Cotnwd Cr.-N. Fk. JD R	6-257	1964	04-30								47			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	05-04			0					46			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	05-07								53			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	05-11			0					56			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	05-14								51			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	05-18			13					58			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	05-21								53			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	05-25			13					57			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	05-28								54			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	06-01			12					63			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	06-04								62			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	06-08			9					51			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	06-11								65			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	06-15								61			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	06-18			0					56			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	06-22								59			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	06-25			0					79			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	06-29								69			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	07-02			0					65			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	07-06								64			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	07-09			33			7wf		61			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	07-13								67			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	07-16			9					66			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	07-20								70			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	07-23								68			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	07-27			33					68			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	07-30								67			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	08-03			23					66			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	08-06								74			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	08-10			0					78			
Cotnwd Cr.-N. Fk. JD R	6-257	1964	08-13								76			

DATA SUMMARY FORM 1964  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS
						StS	ChS	Lam	Other	H2O	AIR	TIME		
Cotnwd Cr.-N. Fk. JD R	6-257	1964	08-17			0				76				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	08-20							74				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	08-24			0				68				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	08-27							56				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	08-31							57				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	09-03			108				64				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	09-08			98				56				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	09-10							62				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	09-14							62				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	09-18							52				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	09-21							60				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	09-24			76				58				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	09-29							60				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	10-02			45				46				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	10-06							48				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	10-09			81			2 wf	54				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	10-13							50				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	10-16			371			16 wf	46				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	10-20							44				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	10-22							42				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	10-26			283				46				
Cotnwd Cr.-N. Fk. JD R	6-257	1964	10-29							48				

**DATA SUMMARY FORM**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP. (F°)			FLOW	REMARKS/OBSERVATIONS	
				BuT	CT	StS	ChS	Lam	Other	H2O			AIR
N Fk John Day River	6-151	1965	06-11			0				60			
N Fk John Day River	6-151	1965	06-15							53			
N Fk John Day River	6-151	1965	06-25			6				66			
N Fk John Day River	6-151	1965	06-28							61			
N Fk John Day River	6-151	1965	07-01			6				73			
N Fk John Day River	6-151	1965	07-07							83			
N Fk John Day River	6-151	1965	07-09			0				74			
N Fk John Day River	6-151	1965	07-12							74			
N Fk John Day River	6-151	1965	07-16			0				84			
N Fk John Day River	6-151	1965	07-20							66			
N Fk John Day River	6-151	1965	07-22							79			
N Fk John Day River	6-151	1965	07-26			0				76			
N Fk John Day River	6-151	1965	07-29							77			
N Fk John Day River	6-151	1965	08-02			0				74			
N Fk John Day River	6-151	1965	08-05							70			
N Fk John Day River	6-151	1965	08-09			0				69			
N Fk John Day River	6-151	1965	08-12							74			
N Fk John Day River	6-151	1965	08-16			0				74			
N Fk John Day River	6-151	1965	08-19							72			
N Fk John Day River	6-151	1965	08-23							68			
N Fk John Day River	6-151	1965	08-26			0				68			
N Fk John Day River	6-151	1965	08-30							66			
N Fk John Day River	6-151	1965	09-02			0							
N Fk John Day River	6-151	1965	09-09			0				59			
Rudio Creek	6-238	1965	05-25			19				68			
Rudio Creek	6-238	1965	05-28							59			
Rudio Creek	6-238	1965	06-01			5				64			
Rudio Creek	6-238	1965	06-04							65			
Rudio Creek	6-238	1965	06-08			4				68			
Rudio Creek	6-238	1965	06-11							67			
Rudio Creek	6-238	1965	06-28			0				53			
Rudio Creek	6-238	1965	07-01			3				76			
Rudio Creek	6-238	1965	07-07							79			
Rudio Creek	6-238	1965	07-09				0			76			
Rudio Creek	6-238	1965	07-14							79			
Rudio Creek	6-238	1965	07-29			0				70			
Rudio Creek	6-238	1965	08-03			0				72			
Rudio Creek	6-238	1965	08-06										
Rudio Creek	6-238	1965	08-10			0				85			
Rudio Creek	6-238	1965	08-13							57			
Cotnwd Cr.-N Fk JD R	6-257	1965	04-23			1				45			
Cotnwd Cr.-N Fk JD R	6-257	1965	04-26			0				56			
Cotnwd Cr.-N Fk JD R	6-257	1965	05-03			6				49			

**DATA SUMMARY FORM**  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES					TEMP (F°)				REMARKS/OBSERVATIONS		
				BuT	CT	StS	ChS	Lam	Other	H2O	AIR	TIME		FLOW	
Cotnwd Cr.-N Fk JD R	6-257	1965	05-06											43	
Cotnwd Cr.-N Fk JD R	6-257	1965	05-10			5								61	
Cotnwd Cr.-N Fk JD R	6-257	1965	05-13											62	
Cotnwd Cr.-N Fk JD R	6-257	1965	05-17			0								62	
Cotnwd Cr.-N Fk JD R	6-257	1965	05-21											60	
Cotnwd Cr.-N Fk JD R	6-257	1965	05-25			0								65	
Cotnwd Cr.-N Fk JD R	6-257	1965	05-28											62	
Cotnwd Cr.-N Fk JD R	6-257	1965	06-01			2								66	
Cotnwd Cr.-N Fk JD R	6-257	1965	06-04											67	
Cotnwd Cr.-N Fk JD R	6-257	1965	06-08			0								74	
Cotnwd Cr.-N Fk JD R	6-257	1965	06-11											71	
Cotnwd Cr.-N Fk JD R	6-257	1965	06-15											58	
Cotnwd Cr.-N Fk JD R	6-257	1965	06-18			0								73	
Cotnwd Cr.-N Fk JD R	6-257	1965	06-22											74	
Cotnwd Cr.-N Fk JD R	6-257	1965	06-25			0								71	
Cotnwd Cr.-N Fk JD R	6-257	1965	06-28											73	
Cotnwd Cr.-N Fk JD R	6-257	1965	07-01			0								74	
Cotnwd Cr.-N Fk JD R	6-257	1965	07-01			3								76	
Cotnwd Cr.-N Fk JD R	6-257	1965	07-07											77	
Cotnwd Cr.-N Fk JD R	6-257	1965	07-07											79	
Cotnwd Cr.-N Fk JD R	6-257	1965	07-09				4							72	
Cotnwd Cr.-N Fk JD R	6-257	1965	07-12											73	
Cotnwd Cr.-N Fk JD R	6-257	1965	07-16			0								77	
Cotnwd Cr.-N Fk JD R	6-257	1965	07-20											65	
Cotnwd Cr.-N Fk JD R	6-257	1965	07-22											77	
Cotnwd Cr.-N Fk JD R	6-257	1965	07-26			9								77	
Cotnwd Cr.-N Fk JD R	6-257	1965	07-29											77	
Cotnwd Cr.-N Fk JD R	6-257	1965	08-02			5								73	
Cotnwd Cr.-N Fk JD R	6-257	1965	08-05											69	
Cotnwd Cr.-N Fk JD R	6-257	1965	08-09			20								75	
Cotnwd Cr.-N Fk JD R	6-257	1965	08-12											73	
Cotnwd Cr.-N Fk JD R	6-257	1965	08-16			19								69	
Cotnwd Cr.-N Fk JD R	6-257	1965	08-19											70	
Cotnwd Cr.-N Fk JD R	6-257	1965	08-23											70	
Cotnwd Cr.-N Fk JD R	6-257	1965	08-26			15								64	
Cotnwd Cr.-N Fk JD R	6-257	1965	08-30											67	
Cotnwd Cr.-N Fk JD R	6-257	1965	09-02			0								65	
Cotnwd Cr.-N Fk JD R	6-257	1965	09-07											64	
Cotnwd Cr.-N Fk JD R	6-257	1965	09-09			22								56	
Cotnwd Cr.-N Fk JD R	6-257	1965	09-13											55	
Cotnwd Cr.-N Fk JD R	6-257	1965	09-16			10								51	
Cotnwd Cr.-N Fk JD R	6-257	1965	09-20											55	
Cotnwd Cr.-N Fk JD R	6-257	1965	09-27			0								49	

**DATA SUMMARY FORM**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			REMARKS/OBSERVATIONS	
						StS	ChS	Lam	Other	H2O	AIR	TIME		FLOW
Cotnwd Cr.-N Fk JD R	6-257	1965	09-30										47	
Cotnwd Cr.-N Fk JD R	6-257	1965	10-04						57				56	
Cotnwd Cr.-N Fk JD R	6-257	1965	10-07										57	
Cotnwd Cr.-N Fk JD R	6-257	1965	10-11						16				59	
Cotnwd Cr.-N Fk JD R	6-257	1965	10-14										56	



**DATA SUMMARY FORM 1966**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES					TEMP (F°)			REMARKS/OBSERVATIONS		
				But	CT	StS	ChS	Lam	Other	H2O	AIR		TIME FLOW	
Rudio Creek	6-238	1966	05-12			217					55			
Rudio Creek	6-238	1966	05-16			106					53			
Rudio Creek	6-238	1966	05-19								66			
Rudio Creek	6-238	1966	05-23								58			
Rudio Creek	6-238	1966	05-26			4					76			
Rudio Creek	6-238	1966	05-30								58			
Rudio Creek	6-238	1966	06-01			3					61			
Rudio Creek	6-238	1966	06-06								66			
Rudio Creek	6-238	1966	06-09			0					62			
Rudio Creek	6-238	1966	06-13								66			
Rudio Creek	6-238	1966	06-16			0					71			
Rudio Creek	6-238	1966	06-20								69			
Rudio Creek	6-238	1966	06-23								63			
Rudio Creek	6-238	1966	06-27			1					63			
Rudio Creek	6-238	1966	06-30								65			
Rudio Creek	6-238	1966	07-05			0					68			
Rudio Creek	6-238	1966	07-07								67			
Rudio Creek	6-238	1966	07-11			0					76			
Cotnwd Cr.-N Fk JD R	6-257	1966	04-26			0					53			
Cotnwd Cr.-N Fk JD R	6-257	1966	04-29								56			
Cotnwd Cr.-N Fk JD R	6-257	1966	05-02			16					56			
Cotnwd Cr.-N Fk JD R	6-257	1966	05-05								58			
Cotnwd Cr.-N Fk JD R	6-257	1966	05-09			210					66			
Cotnwd Cr.-N Fk JD R	6-257	1966	05-12								62			
Cotnwd Cr.-N Fk JD R	6-257	1966	05-16			272					62			
Cotnwd Cr.-N Fk JD R	6-257	1966	05-19								63			
Cotnwd Cr.-N Fk JD R	6-257	1966	05-23								49			
Cotnwd Cr.-N Fk JD R	6-257	1966	05-26			26					66			
Cotnwd Cr.-N Fk JD R	6-257	1966	05-30								55			
Cotnwd Cr.-N Fk JD R	6-257	1966	06-01			56					46			
Cotnwd Cr.-N Fk JD R	6-257	1966	06-06								65			
Cotnwd Cr.-N Fk JD R	6-257	1966	06-09			46					68			
Cotnwd Cr.-N Fk JD R	6-257	1966	06-13								72			
Cotnwd Cr.-N Fk JD R	6-257	1966	06-16			61					65			
Cotnwd Cr.-N Fk JD R	6-257	1966	06-20								64			
Cotnwd Cr.-N Fk JD R	6-257	1966	06-23								59			
Cotnwd Cr.-N Fk JD R	6-257	1966	06-27			0					59			
Cotnwd Cr.-N Fk JD R	6-257	1966	06-30								69			
Cotnwd Cr.-N Fk JD R	6-257	1966	07-05			24					75			
Cotnwd Cr.-N Fk JD R	6-257	1966	07-07								72			
Cotnwd Cr.-N Fk JD R	6-257	1966	07-11			53					76			
Cotnwd Cr.-N Fk JD R	6-257	1966	07-14								76			
Cotnwd Cr.-N Fk JD R	6-257	1966	07-18			67					75			

DATA SUMMARY FORM 1966  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS	
						StS	ChS	Lam	Other	H2O	AIR	TIME			
Cotnwd Cr.-N Fk JD R	6-257	1966	07-21										79		
Cotnwd Cr.-N Fk JD R	6-257	1966	07-25				0						67		
Cotnwd Cr.-N Fk JD R	6-257	1966	07-28										61		
Cotnwd Cr.-N Fk JD R	6-257	1966	08-01				0						79		
Cotnwd Cr.-N Fk JD R	6-257	1966	08-04										79		
Cotnwd Cr.-N Fk JD R	6-257	1966	08-18				1						66		
Cotnwd Cr.-N Fk JD R	6-257	1966	08-22										67		
Cotnwd Cr.-N Fk JD R	6-257	1966	08-26				0								
Cotnwd Cr.-N Fk JD R	6-257	1966	08-29												
Cotnwd Cr.-N Fk JD R	6-257	1966	09-01				38						66		
Cotnwd Cr.-N Fk JD R	6-257	1966	09-05										67		
Cotnwd Cr.-N Fk JD R	6-257	1966	09-08				130						65		
Cotnwd Cr.-N Fk JD R	6-257	1966	09-12										60		
Cotnwd Cr.-N Fk JD R	6-257	1966	09-15										49		
Cotnwd Cr.-N Fk JD R	6-257	1966	09-20				401						71		
Cotnwd Cr.-N Fk JD R	6-257	1966	09-23										67		
Cotnwd Cr.-N Fk JD R	6-257	1966	09-27				135						52		
Cotnwd Cr.-N Fk JD R	6-257	1966	09-30										56		
Cotnwd Cr.-N Fk JD R	6-257	1966	10-04				23						58		
Cotnwd Cr.-N Fk JD R	6-257	1966	10-06										64		
Cotnwd Cr.-N Fk JD R	6-257	1966	10-10				108						47		
Cotnwd Cr.-N Fk JD R	6-257	1966	10-13										45		
Cotnwd Cr.-N Fk JD R	6-257	1966	10-17				212						44		
Cotnwd Cr.-N Fk JD R	6-257	1966	10-20										46		
Cotnwd Cr.-N Fk JD R	6-257	1966	10-24				101						49		
Cotnwd Cr.-N Fk JD R	6-257	1966	10-26										50		
Cotnwd Cr.-N Fk JD R	6-257	1966	10-31										47		
Cotnwd Cr.-N Fk JD R	6-257	1966	11-03				26						40		
Cotnwd Cr.-N Fk JD R	6-257	1966	11-07										49		
Cotnwd Cr.-N Fk JD R	6-257	1966	11-10				50						39		
Cotnwd Cr.-N Fk JD R	6-257	1966	11-14										46		

DATA SUMMARY FORM 1967  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS		
				BuT	CT	StS	ChS	Lam	Other	H2O			AIR	TIME
Rudio Creek	6-238	1967	05-18			1				48				
Rudio Creek	6-238	1967	05-22							54				
Rudio Creek	6-238	1967	05-25			9				54				
Rudio Creek	6-238	1967	05-29							63				
Rudio Creek	6-238	1967	06-01			0				54				
Rudio Creek	6-238	1967	06-05							58				
Rudio Creek	6-238	1967	06-08			0				60				
Rudio Creek	6-238	1967	06-12							60				
Rudio Creek	6-238	1967	06-15							70				
Rudio Creek	6-238	1967	07-03			0				75				
Rudio Creek	6-238	1967	07-10			0				74				
Rudio Creek	6-238	1967	07-13							80				
Rudio Creek	6-238	1967	07-17			0				76				
Rudio Creek	6-238	1967	07-20							74				
Rudio Creek	6-238	1967	07-31			0				80				
Rudio Creek	6-238	1967	08-03			0				76				
Rudio Creek	6-238	1967	08-10			0				74				
Rudio Creek	6-238	1967	08-14							68				
Rudio Creek	6-238	1967	08-17			0				80				
Rudio Creek	6-238	1967	08-21											no water
Cotnwd Cr.-N Fk JD R	6-257	1967	05-29			0				55				
Cotnwd Cr.-N Fk JD R	6-257	1967	06-01			11				60				
Cotnwd Cr.-N Fk JD R	6-257	1967	06-05							64				
Cotnwd Cr.-N Fk JD R	6-257	1967	06-08			0				65				
Cotnwd Cr.-N Fk JD R	6-257	1967	06-12							58				
Cotnwd Cr.-N Fk JD R	6-257	1967	06-15							68				
Cotnwd Cr.-N Fk JD R	6-257	1967	06-19			8				73				
Cotnwd Cr.-N Fk JD R	6-257	1967	06-22											No water
Cotnwd Cr.-N Fk JD R	6-257	1967	07-03			0				73				
Cotnwd Cr.-N Fk JD R	6-257	1967	07-06							72				
Cotnwd Cr.-N Fk JD R	6-257	1967	07-10			3				78				
Cotnwd Cr.-N Fk JD R	6-257	1967	07-13							78				
Cotnwd Cr.-N Fk JD R	6-257	1967	07-17			0				76				
Cotnwd Cr.-N Fk JD R	6-257	1967	07-20							73				
Cotnwd Cr.-N Fk JD R	6-257	1967	07-24			1				82				
Cotnwd Cr.-N Fk JD R	6-257	1967	07-27							72				
Cotnwd Cr.-N Fk JD R	6-257	1967	07-31							79				
Cotnwd Cr.-N Fk JD R	6-257	1967	08-03			19				72				
Cotnwd Cr.-N Fk JD R	6-257	1967	08-10			2				76				
Cotnwd Cr.-N Fk JD R	6-257	1967	08-14							60				
Cotnwd Cr.-N Fk JD R	6-257	1967	08-17			0				79				
Cotnwd Cr.-N Fk JD R	6-257	1967	08-22							67				
Cotnwd Cr.-N Fk JD R	6-257	1967	08-24			0				74				

**DATA SUMMARY FORM 1967**  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			REMARKS/OBSERVATIONS	
						StS	ChS	Lam	Other	H2O	AIR	TIME		FLOW
Cotnwd Cr.-N Fk JD R	6-257	1967	08-28											72
Cotnwd Cr.-N Fk JD R	6-257	1967	08-31											73
Cotnwd Cr.-N Fk JD R	6-257	1967	09-05				0							68
Cotnwd Cr.-N Fk JD R	6-257	1967	09-08				148							70
Cotnwd Cr.-N Fk JD R	6-257	1967	09-11											58
Cotnwd Cr.-N Fk JD R	6-257	1967	09-14											65
Cotnwd Cr.-N Fk JD R	6-257	1967	09-18				110							66
Cotnwd Cr.-N Fk JD R	6-257	1967	09-18				110							66
Cotnwd Cr.-N Fk JD R	6-257	1967	09-21											69
Cotnwd Cr.-N Fk JD R	6-257	1967	09-21											69
Cotnwd Cr.-N Fk JD R	6-257	1967	09-26				48							65
Cotnwd Cr.-N Fk JD R	6-257	1967	09-28											67
Cotnwd Cr.-N Fk JD R	6-257	1967	10-02				246							50
Cotnwd Cr.-N Fk JD R	6-257	1967	10-05											44
Cotnwd Cr.-N Fk JD R	6-257	1967	10-09				161							56
Cotnwd Cr.-N Fk JD R	6-257	1967	10-12											56

**DATA SUMMARY FORM 1968**  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP (F°)				REMARKS/OBSERVATIONS		
				BuT	CT	StS	ChS	Lam	Other	H2O	AIR		TIME	FLOW
Rudio Creek	6-238	1968	04-18			33					49			
Rudio Creek	6-238	1968	04-22								47			
Rudio Creek	6-238	1968	04-25			139					49			
Rudio Creek	6-238	1968	04-29								55			
Rudio Creek	6-238	1968	05-02			641					66			
Rudio Creek	6-238	1968	05-03								69			
Rudio Creek	6-238	1968	05-06								51			
Rudio Creek	6-238	1968	05-09			1					55			
Rudio Creek	6-238	1968	06-03			150					74			
Rudio Creek	6-238	1968	06-06								69			
Rudio Creek	6-238	1968	06-27			33					66			
Rudio Creek	6-238	1968	07-01			39					76			
Rudio Creek	6-238	1968	09-03								66			
Rudio Creek	6-238	1968	09-05								55			
Rudio Creek	6-238	1968	09-09								62			
Cotnwd Cr.-N Fk JD R	6-257	1968	04-01			13					47			
Cotnwd Cr.-N Fk JD R	6-257	1968	04-04								52			
Cotnwd Cr.-N Fk JD R	6-257	1968	04-08			31					50			
Cotnwd Cr.-N Fk JD R	6-257	1968	04-11								50			
Cotnwd Cr.-N Fk JD R	6-257	1968	04-15								53			
Cotnwd Cr.-N Fk JD R	6-257	1968	04-18			16					55			
Cotnwd Cr.-N Fk JD R	6-257	1968	04-22								51			
Cotnwd Cr.-N Fk JD R	6-257	1968	04-25			174					49			
Cotnwd Cr.-N Fk JD R	6-257	1968	04-29								59			
Cotnwd Cr.-N Fk JD R	6-257	1968	05-02			612					55			
Cotnwd Cr.-N Fk JD R	6-257	1968	05-06								49			
Cotnwd Cr.-N Fk JD R	6-257	1968	05-08			483					53			
Cotnwd Cr.-N Fk JD R	6-257	1968	05-09								66			
Cotnwd Cr.-N Fk JD R	6-257	1968	05-27			115					64			
Cotnwd Cr.-N Fk JD R	6-257	1968	05-29								64			
Cotnwd Cr.-N Fk JD R	6-257	1968	06-03			49					65			
Cotnwd Cr.-N Fk JD R	6-257	1968	06-06								68			
Cotnwd Cr.-N Fk JD R	6-257	1968	06-10			36					66			
Cotnwd Cr.-N Fk JD R	6-257	1968	06-13								63			
Cotnwd Cr.-N Fk JD R	6-257	1968	06-17			312					71			
Cotnwd Cr.-N Fk JD R	6-257	1968	06-20								74			
Cotnwd Cr.-N Fk JD R	6-257	1968	06-24			42					69			
Cotnwd Cr.-N Fk JD R	6-257	1968	06-27								71			
Cotnwd Cr.-N Fk JD R	6-257	1968	07-01			9					70			
Cotnwd Cr.-N Fk JD R	6-257	1968	07-03								76			
Cotnwd Cr.-N Fk JD R	6-257	1968	07-08			4					74			
Cotnwd Cr.-N Fk JD R	6-257	1968	08-19			49					57			
Cotnwd Cr.-N Fk JD R	6-257	1968	08-22								54			

**DATA SUMMARY FORM 1968**  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS
						StS	ChS	Lam	Other	H2O	AIR	TIME		
Cotnwd Cr.-N Fk JD R	6-257	1968	08-26			27					59			
Cotnwd Cr.-N Fk JD R	6-257	1968	08-29								58			
Cotnwd Cr.-N Fk JD R	6-257	1968	09-03			14					70			
Cotnwd Cr.-N Fk JD R	6-257	1968	09-05								59			
Cotnwd Cr.-N Fk JD R	6-257	1968	09-09			23					65			
Cotnwd Cr.-N Fk JD R	6-257	1968	09-12								60			
Cotnwd Cr.-N Fk JD R	6-257	1968	09-16			71					54			
Cotnwd Cr.-N Fk JD R	6-257	1968	09-19								49			
Cotnwd Cr.-N Fk JD R	6-257	1968	09-23								52			
Cotnwd Cr.-N Fk JD R	6-257	1968	09-26			3					53			
Cotnwd Cr.-N Fk JD R	6-257	1968	09-30								50			
Cotnwd Cr.-N Fk JD R	6-257	1968	10-03			13					47			
Cotnwd Cr.-N Fk JD R	6-257	1968	10-07								46			
Cotnwd Cr.-N Fk JD R	6-257	1968	10-10			209					47			
Cotnwd Cr.-N Fk JD R	6-257	1968	10-14								40			
Cotnwd Cr.-N Fk JD R	6-257	1968	10-17			4					44			

DATA SUMMARY FORM 1969  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES					TEMP (F°)			FLOW	REMARKS/OBSERVATIONS	
				BuT	CT	StS	ChS	Lam	Other	H2O	AIR			TIME
Rudio Creek	6-238	1969	05-13			105				60		1140		
Rudio Creek	6-238	1969	05-15							48		935		
Rudio Creek	6-238	1969	05-16			147				60		1215		
Rudio Creek	6-238	1969	05-20							56		1145		
Rudio Creek	6-238	1969	05-23							66		1135		
Rudio Creek	6-238	1969	06-24			1				60		1230		
Rudio Creek	6-238	1969	06-27							66		1345		
Rudio Creek	6-238	1969	07-08			2				74		1320		
Rudio Creek	6-238	1969	07-11							76		1320		
Rudio Creek	6-238	1969	07-15							72		1350		
Rudio Creek	6-238	1969	07-18			0				66		1100		
Rudio Creek	6-238	1969	07-23							72		1150		
Rudio Creek	6-238	1969	07-29			0				60		935		
Rudio Creek	6-238	1969	08-01			0				66		1100		
Rudio Creek	6-238	1969	08-05							60		1040		
Rudio Creek	6-238	1969	08-08			0				60		1010		
Rudio Creek	6-238	1969	08-12										dry	
Rudio Creek	6-238	1969	08-15							68		1100		
Rudio Creek	6-238	1969	08-19			1				68		1115		
Rudio Creek	6-238	1969	08-26			0				68		1235		
Rudio Creek	6-238	1969	08-29							58		1015		
Rudio Creek	6-238	1969	09-03			0				60		1100		
Rudio Creek	6-238	1969	09-05							56		1045		
Rudio Creek	6-238	1969	09-09			0				70		1300		
Rudio Creek	6-238	1969	09-12							72		1400		
Rudio Creek	6-238	1969	09-16			0				58		1100		
Rudio Creek	6-238	1969	09-19							62		1110		
Rudio Creek	6-238	1969	09-23							61		1110		
Cotnwd Cr.-N Fk JD R 6-257		1969	06-03			121				78		1430		
Cotnwd Cr.-N Fk JD R 6-257		1969	06-06							70		1100		
Cotnwd Cr.-N Fk JD R 6-257		1969	06-10			19				70		1505		
Cotnwd Cr.-N Fk JD R 6-257		1969	06-18			29				68		1550		
Cotnwd Cr.-N Fk JD R 6-257		1969	06-20							72		1400		
Cotnwd Cr.-N Fk JD R 6-257		1969	06-24			5				60		1415	dry	
Cotnwd Cr.-N Fk JD R 6-257		1969	06-27											
Cotnwd Cr.-N Fk JD R 6-257		1969	07-08			16				62		1010		
Cotnwd Cr.-N Fk JD R 6-257		1969	07-11							78		1540		
Cotnwd Cr.-N Fk JD R 6-257		1969	07-15							60		1000		
Cotnwd Cr.-N Fk JD R 6-257		1969	07-18			33				76		1400		
Cotnwd Cr.-N Fk JD R 6-257		1969	07-23							80		1400		
Cotnwd Cr.-N Fk JD R 6-257		1969	07-29			10				72		1230		
Cotnwd Cr.-N Fk JD R 6-257		1969	08-01			5				74		1345		
Cotnwd Cr.-N Fk JD R 6-257		1969	08-05							68		1135		

DATA SUMMARY FORM 1969  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES					TEMP. (F°)			FLOW	REMARKS/OBSERVATIONS	
				BuT	CT	StS	ChS	Lam	Other	H2O	AIR			TIME
Cotnwd Cr.-N Fk JD R 6-257		1969	08-08			4				66		1135		
Cotnwd Cr.-N Fk JD R 6-257		1969	08-12							74		1445		
Cotnwd Cr.-N Fk JD R 6-257		1969	08-15							76		1300		
Cotnwd Cr.-N Fk JD R 6-257		1969	08-19			10				74		1345		
Cotnwd Cr.-N Fk JD R 6-257		1969	08-22							80		1045		
Cotnwd Cr.-N Fk JD R 6-257		1969	08-26			0				74		1415		
Cotnwd Cr.-N Fk JD R 6-257		1969	08-29							58		1110		
Cotnwd Cr.-N Fk JD R 6-257		1969	09-09			1				72		1430		
Cotnwd Cr.-N Fk JD R 6-257		1969	09-12							68		1200		
Cotnwd Cr.-N Fk JD R 6-257		1969	09-16			37				62		1300		
Cotnwd Cr.-N Fk JD R 6-257		1969	09-19							62		1400		
Cotnwd Cr.-N Fk JD R 6-257		1969	09-23							55		1010		
Cotnwd Cr.-N Fk JD R 6-257		1969	09-26			4							dry	



**DATA SUMMARY FORM 1970**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP. (F°)			FLOW	REMARKS/OBSERVATIONS		
				BUT	CT	StS	ChS	Lam	Other	H2O			AIR	TIME
Rudio Creek	6-238	1970	05-22			5				64		1430		
Rudio Creek	6-238	1970	05-27			18				60		1500		
Rudio Creek	6-238	1970	05-29							62		1100		
Rudio Creek	6-238	1970	06-02			9				64		1045		
Rudio Creek	6-238	1970	06-04							78		1030		
Rudio Creek	6-238	1970	06-09			25				60		1130		
Rudio Creek	6-238	1970	06-12							58		1150		
Rudio Creek	6-238	1970	06-16			25								no water
Rudio Creek	6-238	1970	06-16			25								no water
Rudio Creek	6-238	1970	06-19							66		1100		
Rudio Creek	6-238	1970	06-19							66		1100		
Rudio Creek	6-238	1970	06-23							78		1500		
Rudio Creek	6-238	1970	06-23							78		1500		
Rudio Creek	6-238	1970	06-26			31				76		1400		
Rudio Creek	6-238	1970	06-30							66		1430		
Rudio Creek	6-238	1970	07-03			20				72		1030		
Rudio Creek	6-238	1970	07-07							78		1100		
Rudio Creek	6-238	1970	07-10			11				78		1030		
Rudio Creek	6-238	1970	07-14							74		1045		
Rudio Creek	6-238	1970	07-17			21				74		1030		
Rudio Creek	6-238	1970	07-21							76		1030		
Rudio Creek	6-238	1970	07-24			0				72		1030		opened trap due to moss & warm water
Rudio Creek	6-238	1970	09-09			176				64		1100		
Rudio Creek	6-238	1970	09-11							61		1100		
Rudio Creek	6-238	1970	09-15							50		1030		
Rudio Creek	6-238	1970	09-18			107				64		1445		
Rudio Creek	6-238	1970	09-21							58		1115		
Rudio Creek	6-238	1970	09-25			45				48		1045		
Rudio Creek	6-238	1970	09-28							52		1030		
Rudio Creek	6-238	1970	10-02			4				52		1045		
Rudio Creek	6-238	1970	10-05											
Rudio Creek	6-238	1970	10-08			19				48		930		
Rudio Creek	6-238	1970	10-12							50		930		
Rudio Creek	6-238	1970	10-16			1635				50		930		
Rudio Creek	6-238	1970	10-19							46		1030		
Rudio Creek	6-238	1970	10-22							48		1030		
Rudio Creek	6-238	1970	10-27			75								All fish dead. No water.
Cotnwd Cr.-N Fk JD R	6-257	1970	05-29			7				60		1330		
Cotnwd Cr.-N Fk JD R	6-257	1970	06-02			38				70		1315		
Cotnwd Cr.-N Fk JD R	6-257	1970	06-04							76		1300		
Cotnwd Cr.-N Fk JD R	6-257	1970	06-09			19				62		1400		
Cotnwd Cr.-N Fk JD R	6-257	1970	06-12							58		1345		
Cotnwd Cr.-N Fk JD R	6-257	1970	06-16			12								no water

**DATA SUMMARY FORM 1970**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP. (F°)			FLOW	REMARKS/OBSERVATIONS		
				BuT	CT	StS	ChS	Lam	Other	H2O			AIR	TIME
Cotnwd Cr.-N Fk JD R	6-257	1970	06-19							74		1330		
Cotnwd Cr.-N Fk JD R	6-257	1970	06-23							82		1330		
Cotnwd Cr.-N Fk JD R	6-257	1970	06-26			57				74		1130		
Cotnwd Cr.-N Fk JD R	6-257	1970	06-30							68		1230		
Cotnwd Cr.-N Fk JD R	6-257	1970	07-03			96				80		1330		
Cotnwd Cr.-N Fk JD R	6-257	1970	07-07							80		1400		
Cotnwd Cr.-N Fk JD R	6-257	1970	07-10			31				76		1145		
Cotnwd Cr.-N Fk JD R	6-257	1970	07-14							76		1400		
Cotnwd Cr.-N Fk JD R	6-257	1970	07-17			33				76		1300		
Cotnwd Cr.-N Fk JD R	6-257	1970	07-21							74		1330		
Cotnwd Cr.-N Fk JD R	6-257	1970	07-24			9				76		1330		
Cotnwd Cr.-N Fk JD R	6-257	1970	07-28											
Cotnwd Cr.-N Fk JD R	6-257	1970	07-31							70		1200		
Cotnwd Cr.-N Fk JD R	6-257	1970	08-04			1				73		1230		
Cotnwd Cr.-N Fk JD R	6-257	1970	08-07							72		1300		
Cotnwd Cr.-N Fk JD R	6-257	1970	08-11			5				76		1330		
Cotnwd Cr.-N Fk JD R	6-257	1970	08-14							72		1345		
Cotnwd Cr.-N Fk JD R	6-257	1970	08-18			4				70		1300		
Cotnwd Cr.-N Fk JD R	6-257	1970	08-21							74		1400		
Cotnwd Cr.-N Fk JD R	6-257	1970	08-25			7				74		1330		
Cotnwd Cr.-N Fk JD R	6-257	1970	08-28							74		1400		
Cotnwd Cr.-N FK JD R	6-257	1970	09-01			5				76		1400		
Cotnwd Cr.-N FK JD R	6-257	1970	09-04							60		1300		
Cotnwd Cr.-N Fk JD R	6-257	1970	09-09			49				66		1430		
Cotnwd Cr.-N Fk JD R	6-257	1970	09-11							65		1400		
Cotnwd Cr.-N Fk JD R	6-257	1970	09-15							55		1345		
Cotnwd Cr.-N Fk JD R	6-257	1970	09-18			24				60		1200		
Cotnwd Cr.-N Fk JD R	6-257	1970	09-21							64		1400		
Cotnwd Cr.-N Fk JD R	6-257	1970	09-25			41				56		1330		
Cotnwd Cr.-N Fk JD R	6-257	1970	09-28							60		1330		
Cotnwd Cr.-N Fk JD R	6-257	1970	10-02			16				62		1245		
Cotnwd Cr.-N Fk JD R	6-257	1970	10-05							56		1400		

DATA SUMMARY FORM 1971  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP. (F°)			FLOW	REMARKS/OBSERVATIONS		
				BuT	CT	StS	ChS	Lam	Other	H2O			AIR	TIME
Rudio Creek	6-238	1971	05-07			5				60		1300		
Rudio Creek	6-238	1971	05-11			68				55		1300		
Rudio Creek	6-238	1971	05-14							50		1300		
Rudio Creek	6-238	1971	05-18			40				58		1230		
Rudio Creek	6-238	1971	05-21							56		1200		
Rudio Creek	6-238	1971	05-25			1				62		1230		
Rudio Creek	6-238	1971	05-28							66		1230		
Rudio Creek	6-238	1971	07-16			3								dry
Rudio Creek	6-238	1971	07-20							70		1100		
Rudio Creek	6-238	1971	07-27			2				70		1100		
Rudio Creek	6-238	1971	07-30							70		830		
Rudio Creek	6-238	1971	08-03			0				78		1100		
Rudio Creek	6-238	1971	08-05							80		1100		
Rudio Creek	6-238	1971	09-03			0				64		1100		
Rudio Creek	6-238	1971	09-08			0				56		1050		
Rudio Creek	6-238	1971	09-10							64		1115		
Rudio Creek	6-238	1971	09-14							53		1045		
Rudio Creek	6-238	1971	09-16			0				56		1100		
Rudio Creek	6-238	1971	09-21							50		1110		
Rudio Creek	6-238	1971	09-24			0				64		1130		
Rudio Creek	6-238	1971	09-28							52		1130		
Rudio Creek	6-238	1971	10-01			7				50		1130		
Rudio Creek	6-238	1971	10-05							58		1115		
Rudio Creek	6-238	1971	10-07							64		1500		
Rudio Creek	6-238	1971	10-12			0								
Rudio Creek	6-238	1971	10-15							50		1030		
Cotnwd Cr.-N Fk JD R	6-257	1971	05-14			0				52		1100		
Cotnwd Cr.-N Fk JD R	6-257	1971	05-18			0				58		1400		
Cotnwd Cr.-N Fk JD R	6-257	1971	05-21							50		1100		
Cotnwd Cr.-N Fk JD R	6-257	1971	05-25			10				60		1100		
Cotnwd Cr.-N Fk JD R	6-257	1971	05-28							61		1400		
Cotnwd Cr.-N Fk JD R	6-257	1971	06-02			0								dry
Cotnwd Cr.-N Fk JD R	6-257	1971	06-04											dry
Cotnwd Cr.-N Fk JD R	6-257	1971	06-08			0								
Cotnwd Cr.-N Fk JD R	6-257	1971	06-11											no water
Cotnwd Cr.-N Fk JD R	6-257	1971	06-15							70		1400		no water
Cotnwd Cr.-N Fk JD R	6-257	1971	06-18			25				60		1300		
Cotnwd Cr.-N Fk JD R	6-257	1971	06-22							76		1500		
Cotnwd Cr.-N Fk JD R	6-257	1971	06-25			23				58		1030		
Cotnwd Cr.-N Fk JD R	6-257	1971	06-29							64		1300		
Cotnwd Cr.-N Fk JD R	6-257	1971	07-02			26				60		1030		
Cotnwd Cr.-N Fk JD R	6-257	1971	07-07							60		1130		
Cotnwd Cr.-N Fk JD R	6-257	1971	07-09			3				60		830		

**DATA SUMMARY FORM 1971**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP. (F°)			FLOW	REMARKS/OBSERVATIONS		
				BuT	CT	StS	ChS	Lam	Other	H2O			AIR	TIME
Cotnwd Cr.-N Fk JD R	6-257	1971	07-13							62		1000		
Cotnwd Cr.-N Fk JD R	6-257	1971	07-16			36				62		900		
Cotnwd Cr.-N Fk JD R	6-257	1971	07-20							64		900		
Cotnwd Cr.-N Fk JD R	6-257	1971	07-27			17				78		1330		
Cotnwd Cr.-N Fk JD R	6-257	1971	07-30							70		700		
Cotnwd Cr.-N Fk JD R	6-257	1971	08-03			1				82		1430		
Cotnwd Cr.-N Fk JD R	6-257	1971	08-05							80		1400		
Cotnwd Cr.-N Fk JD R	6-257	1971	08-10			7				81		1300		
Cotnwd Cr.-N Fk JD R	6-257	1971	08-12							80		1400		
Cotnwd Cr.-N Fk JD R	6-257	1971	08-17			6				76		1400		
Cotnwd Cr.-N Fk JD R	6-257	1971	08-20							73		1340		
Cotnwd Cr.-N FK JD R	6-257	1971	08-24			5				74		1400		
Cotnwd Cr.-N FK JD R	6-257	1971	08-27							62		1400		
Cotnwd Cr.-N FK JD R	6-257	1971	08-31							64		1415		
Cotnwd Cr.-N FK JD R	6-257	1971	09-03			6				66		1400		
Cotnwd Cr.-N Fk JD R	6-257	1971	09-08			29				64		1300		
Cotnwd Cr.-N Fk JD R	6-257	1971	09-10							70		1345		
Cotnwd Cr.-N Fk JD R	6-257	1971	09-14							58		1240		
Cotnwd Cr.-N Fk JD R	6-257	1971	09-16			0				58		1300		
Cotnwd Cr.-N Fk JD R	6-257	1971	09-21							52		1315		
Cotnwd Cr.-N Fk JD R	6-257	1971	09-24			32				62		1345		
Cotnwd Cr.-N Fk JD R	6-257	1971	09-28							48		1330		
Cotnwd Cr.-N Fk JD R	6-257	1971	10-01			10				52		1245		no water-trap pulled
Cotnwd Cr.-N Fk JD R	6-257	1971	10-05											

**DATA SUMMARY FORM 1972**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP. (F°)			REMARKS/OBSERVATIONS
						StS	ChS	Lam	Other	H2O	AIR	TIME	
Rudio Creek	6-238	1972	05-31			1				69		1240	
Rudio Creek	6-238	1972	06-02			17				66		1135	
Rudio Creek	6-238	1972	06-06							68		1145	
Rudio Creek	6-238	1972	06-09			9				68		1245	
Rudio Creek	6-238	1972	06-13							65		1150	
Rudio Creek	6-238	1972	06-16			6				66		1240	
Rudio Creek	6-238	1972	06-20							67		1230	
Rudio Creek	6-238	1972	06-23							65		1345	
Rudio Creek	6-238	1972	06-27			70				68		1100	
Rudio Creek	6-238	1972	06-30							70		1245	
Rudio Creek	6-238	1972	07-11			17				67		1405	
Rudio Creek	6-238	1972	07-13							68		1400	
Rudio Creek	6-238	1972	08-01			7				68		1430	
Rudio Creek	6-238	1972	08-04							69		1155	
Rudio Creek	6-238	1972	08-08			4				75		1200	
Rudio Creek	6-238	1972	08-18			6				70		1515	
Rudio Creek	6-238	1972	08-25			17				76		1445	
Rudio Creek	6-238	1972	09-01			8				65		1200	
Rudio Creek	6-238	1972	09-06							65		1430	
Rudio Creek	6-238	1972	09-08			7				66		1515	
Rudio Creek	6-238	1972	09-12							60		1200	
Rudio Creek	6-238	1972	09-14							69		1155	
Rudio Creek	6-238	1972	09-19			14				60		1200	
Rudio Creek	6-238	1972	09-22							62		1200	
Rudio Creek	6-238	1972	09-26			112				52		1030	
Rudio Creek	6-238	1972	09-29							50		1030	
Rudio Creek	6-238	1972	10-03			57				52		1100	
Rudio Creek	6-238	1972	10-06										no water
Rudio Creek	6-238	1972	10-17			48							no water
Rudio Creek	6-238	1972	10-20							46		1130	
Rudio Creek	6-238	1972	10-25			298				44		1200	
Rudio Creek	6-238	1972	10-27							42		1100	
Rudio Creek	6-238	1972	10-31							38		1100	
Cotnwd Cr.-N Fk JD River	6-257	1972	05-09			2				54		1330	
Cotnwd Cr.-N Fk JD River	6-257	1972	05-12							62		1410	
Cotnwd Cr.-N Fk JD River	6-257	1972	05-19			3				56		1357	
Cotnwd Cr.-N Fk JD River	6-260	1972	05-31			3				68		1440	
Cotnwd Cr.-N Fk JD River	6-260	1972	06-02			0				68		1255	
Cotnwd Cr.-N Fk JD River	6-260	1972	06-06							69		1315	
Cotnwd Cr.-N Fk JD River	6-260	1972	06-09			0				68		1315	
Cotnwd Cr.-N Fk JD River	6-260	1972	06-13							66		1345	
Cotnwd Cr.-N Fk JD River	6-260	1972	06-16			2				65		1450	
Cotnwd Cr.-N Fk JD River	6-260	1972	06-20							68		1345	

**DATA SUMMARY FORM 1972**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES					TEMP (F°)			FLOW	REMARKS/OBSERVATIONS	
				BuT	CT	StS	ChS	Lam	Other	H2O	AIR			TIME
Cotnwd Cr.-N Fk JD River 6-260		1972	06-23								66	1320		
Cotnwd Cr.-N Fk JD River 6-260		1972	06-27			7					67	1235		
Cotnwd Cr.-N Fk JD River 6-260		1972	06-30								69	1345		
Cotnwd Cr.-N Fk JD River 6-260		1972	07-05			5					68	1235		
Cotnwd Cr.-N Fk JD River 6-260		1972	07-07								68	1400		
Cotnwd Cr.-N Fk JD River 6-260		1972	07-11			3					66	1300		
Cotnwd Cr.-N Fk JD River 6-260		1972	07-13								67	1310		
Cotnwd Cr.-N Fk JD River 6-260		1972	07-18			4					68	1315		
Cotnwd Cr.-N Fk JD River 6-260		1972	07-21											no water
Cotnwd Cr.-N Fk JD River 6-260		1972	08-01			0					68	1330		
Cotnwd Cr.-N Fk JD River 6-260		1972	08-04								70	1300		
Cotnwd Cr.-N Fk JD River 6-260		1972	08-08			0					74	1315		
Cotnwd Cr.-N Fk JD River 6-260		1972	08-22			2					66	1000		
Cotnwd Cr.-N Fk JD River 6-260		1972	09-01		2	1					66	1300		
Cotnwd Cr.-N Fk JD River 6-260		1972	09-06								66	1345		
Cotnwd Cr.-N Fk JD River 6-260		1972	09-08			0					65	1400		
Cotnwd Cr.-N Fk JD River 6-260		1972	09-12								60	1300		
Cotnwd Cr.-N Fk JD River 6-260		1972	09-14								68	1315		
Cotnwd Cr.-N Fk JD River 6-260		1972	09-19			0					59	1300		
Cotnwd Cr.-N Fk JD River 6-260		1972	09-21								61	1330		
Cotnwd Cr.-N Fk JD River 6-260		1972	09-26			12					56	1045		
Cotnwd Cr.-N Fk JD River 6-260		1972	09-29								56	1200		
Cotnwd Cr.-N Fk JD River 6-260		1972	10-03			0					56	1145		
Cotnwd Cr.-N Fk JD River 6-260		1972	10-06								50	1215		
Cotnwd Cr.-N Fk JD River 6-260		1972	10-10			0					54	1300		
Cotnwd Cr.-N Fk JD River 6-260		1972	10-13								58	1200		
Cotnwd Cr.-N Fk JD River 6-260		1972	10-17			0					54	1130		no water

DATA SUMMARY FORM 1973  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS
						StS	ChS	Lam	Other	H2O	AIR	TIME		
Rudio Creek	6-238	1973	04-13			11				56		1315		
Rudio Creek	6-238	1973	04-17			0				48		1200		
Rudio Creek	6-238	1973	04-20							53		1315		
Rudio Creek	6-238	1973	04-24			0				62		1415		
Rudio Creek	6-238	1973	04-27							62		1345		
Rudio Creek	6-238	1973	05-01			191				63		1615		
Rudio Creek	6-238	1973	05-04							48		1110		
Rudio Creek	6-238	1973	05-08			1				61		1245		
Rudio Creek	6-238	1973	05-11							67		1400		
Rudio Creek	6-238	1973	05-15							71		1230		
Rudio Creek	6-238	1973	05-18			0				67		1145		
Rudio Creek	6-238	1973	05-22							70		1345		
Rudio Creek	6-238	1973	05-25			0				59		1130		
Rudio Creek	6-238	1973	05-30							66		1230		
Rudio Creek	6-238	1973	06-01			0				67		1300		
Rudio Creek	6-238	1973	06-05							76		1400		
Rudio Creek	6-238	1973	06-08			0				70		1145		
Rudio Creek	6-238	1973	06-12							64		1130		
Rudio Creek	6-238	1973	06-15							68		1330		
Rudio Creek	6-238	1973	06-19			10				65		1130		
Rudio Creek	6-238	1973	06-22							72		1300		
Rudio Creek	6-238	1973	06-26			4				74		1130		
Rudio Creek	6-238	1973	06-29							72		1300		
Rudio Creek	6-238	1973	07-03			0				80		1430		
Rudio Creek	6-238	1973	07-06							72		1415		
Rudio Creek	6-238	1973	07-10			0				78		1330		
Rudio Creek	6-238	1973	07-13							76		1350		
Rudio Creek	6-238	1973	07-17			0				72		1300		
Rudio Creek	6-238	1973	07-20							62		900		
Rudio Creek	6-238	1973	07-24			0				72		1245		
Rudio Creek	6-238	1973	07-27							70		1040		
Rudio Creek	6-238	1973	08-03			0				80		1340		
Rudio Creek	6-238	1973	08-07							79		1430		
Rudio Creek	6-238	1973	08-10			0				76		1030		
Rudio Creek	6-238	1973	08-13							74		1515		
Rudio Creek	6-238	1973	08-16			0				60		1000		
Rudio Creek	6-238	1973	08-20							63		1100		
Rudio Creek	6-238	1973	08-23							61		1045		
Rudio Creek	6-238	1973	08-27			0				62		1045		
Rudio Creek	6-238	1973	08-30							65		1230		
Rudio Creek	6-238	1973	09-05			1				64		1145		
Rudio Creek	6-238	1973	09-07							60		1030		
Rudio Creek	6-238	1973	09-11			1				76		1330		

DATA SUMMARY FORM 1973  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP. (F°)			FLOW	REMARKS/OBSERVATIONS	
				BuT	CT	StS	ChS	Lam	Other	H2O			AIR
Rudio Creek	6-238	1973	09-15							70		1330	
Rudio Creek	6-238	1973	09-18			0							
Rudio Creek	6-238	1973	09-21							61		1200	
Rudio Creek	6-238	1973	09-25			0				59		1245	
Rudio Creek	6-238	1973	09-27										
Rudio Creek	6-238	1973	10-09			0							
Rudio Creek	6-238	1973	10-12							54		1130	
Rudio Creek	6-238	1973	10-16			15				56		1130	
Rudio Creek	6-238	1973	10-19							56		1300	
Rudio Creek	6-238	1973	10-23							52		1145	
Rudio Creek	6-238	1973	10-26			74				48		1345	
Rudio Creek	6-238	1973	10-29							50		1100	
Cotnwd Cr.-N Fk JD R	6-260	1973	05-04			4				51		1300	
Cotnwd Cr.-N Fk JD R	6-260	1973	05-07							46		1330	
Cotnwd Cr.-N Fk JD R	6-260	1973	05-08			251				62		1315	
Cotnwd Cr.-N Fk JD R	6-260	1973	05-11							59		1245	
Cotnwd Cr.-N Fk JD R	6-260	1973	05-15							74		1315	
Cotnwd Cr.-N Fk JD R	6-260	1973	06-08			2				77		1345	
Cotnwd Cr.-N Fk JD R	6-260	1973	06-12							70		1345	
Cotnwd Cr.-N Fk JD R	6-260	1973	06-15							66		1300	
Cotnwd Cr.-N Fk JD R	6-260	1973	06-19			0				76		1300	
Cotnwd Cr.-N Fk JD R	6-260	1973	06-22							71		1100	
Cotnwd Cr.-N Fk JD R	6-260	1973	06-26			0				86		1315	
Cotnwd Cr.-N Fk JD R	6-260	1973	06-29							72		1130	
Cotnwd Cr.-N Fk JD R	6-260	1973	07-03			0				84		1345	
Cotnwd Cr.-N Fk JD R	6-260	1973	07-10			0				80		1250	
Cotnwd Cr.-N Fk JD R	6-260	1973	07-13							78		1240	
Cotnwd Cr.-N Fk JD R	6-260	1973	07-20			0				70		1100	
Cotnwd Cr.-N Fk JD R	6-260	1973	07-27			0				80		1200	
Cotnwd Cr.-N Fk JD R	6-260	1973	07-31							77		1200	



**DATA SUMMARY FORM 1977**  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP. (F°)			FLOW	REMARKS/OBSERVATIONS		
				BuT	CT	StS	ChS	Lam	Other	H2O			AIR	TIME
Rudio Creek	6-238	1977	04-29			115				64		1415		
Rudio Creek	6-238	1977	05-03			426				60		1430		
Rudio Creek	6-238	1977	05-06							54		1300		
Rudio Creek	6-238	1977	05-10			271				46		1430		
Rudio Creek	6-238	1977	05-13							58		1500		
Rudio Creek	6-238	1977	05-17			51				52		1230		
Rudio Creek	6-238	1977	05-20							58		1500		
Rudio Creek	6-238	1977	05-24			55				60		1345		
Rudio Creek	6-238	1977	05-27							48		1100		
Rudio Creek	6-238	1977	06-01			17				56		1445		
Rudio Creek	6-238	1977	06-03							60		1200		
Rudio Creek	6-238	1977	06-07							79		1115		
Rudio Creek	6-238	1977	06-10			0								
Rudio Creek	6-238	1977	06-14											
Rudio Creek	6-238	1977	06-17			0								
Rudio Creek	6-238	1977	06-21											
Rudio Creek	6-238	1977	09-02			3				66		1200		
Rudio Creek	6-238	1977	09-07							74		1430		
Rudio Creek	6-238	1977	09-16			7								trap open due to low water
Rudio Creek	6-238	1977	09-20											
Rudio Creek	6-238	1977	09-23							56		1430		
Rudio Creek	6-238	1977	09-27			33				56		1500		
Rudio Creek	6-238	1977	09-30							52		1030		
Rudio Creek	6-238	1977	10-03			14				54		1415		
Cotnwd Cr.-N Fk JD R	6-257	1977	04-19			26				52				
Cotnwd Cr.-N Fk JD R	6-257	1977	04-22							60				
Cotnwd Cr.-N FK JD R	6-257	1977	04-26			105				60		1430		
Cotnwd Cr.-N FK JD R	6-257	1977	04-29							60		1300		
Contwd Cr.-N Fk JD R	6-257	1977	05-03			35				54		1230		
Contwd Cr.-N Fk JD R	6-257	1977	05-06							48		1430		
Cotnwd Cr.-N Fk JD R	6-257	1977	05-10			0								no water
Cotnwd Cr.-N Fk JD R	6-257	1977	05-13											no water
Cotnwd Cr.-N Fk JD R	6-257	1977	05-17			59								no water
Cotnwd Cr.-N Fk JD R	6-257	1977	05-20							54		1400		
Cotnwd Cr.-N Fk JD R	6-257	1977	05-24			40				58		1500		
Cotnwd Cr.-N Fk JD R	6-257	1977	05-27							52		1300		
Cotnwd Cr.-N Fk JD R	6-257	1977	06-01			65				54		1330		
Cotnwd Cr.-N Fk JD R	6-257	1977	06-03							58		1430		
Cotnwd Cr.-N Fk JD R	6-257	1977	06-07							78		1330		
Cotnwd Cr.-N Fk JD R	6-257	1977	06-10			8				70		1300		
Cotnwd Cr.-N Fk JD R	6-257	1977	06-14							64		1200		
Cotnwd Cr.-N Fk JD R	6-257	1977	06-17			13				68		1330		
Cotnwd Cr.-N Fk JD R	6-257	1977	06-21							78		1230		

**DATA SUMMARY FORM 1977**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS
						StS	ChS	Lam	Other	H2O	AIR	TIME		
Cotnwd Cr.-N FK JD R	6-257	1977	06-24			14				72		1230		
Cotnwd Cr.-N FK JD R	6-257	1977	06-28							74		1300		
Cotnwd Cr.-N Fk JD R	6-257	1977	07-01			12				78		1430		
Cotnwd Cr.-N Fk JD R	6-257	1977	07-06							70		1330		
Cotnwd Cr.-N Fk JD R	6-257	1977	07-08			0								
Cotnwd Cr.-N Fk JD R	6-257	1977	07-12											
Cotnwd Cr.-N Fk JD R	6-257	1977	07-15											
Cotnwd Cr.-N Fk JD R	6-257	1977	07-18			20				68		1230		
Cotnwd Cr.-N Fk JD R	6-257	1977	07-22							72		1230		
Cotnwd Cr.-N Fk JD R	6-257	1977	07-26			5				78		1230		
Cotnwd Cr.-N Fk JD R	6-257	1977	07-29							70		1430		
Cotnwd Cr.-N Fk JD R	6-257	1977	08-02			1				76		1400		
Cotnwd Cr.-N Fk JD R	6-257	1977	08-05											
Cotnwd Cr.-N FK JD R	6-257	1977	08-16							68		1045		
Cotnwd Cr.-N FK JD R	6-257	1977	08-23											
Cotnwd Cr.-N Fk JD R	6-257	1977	09-02			26				64		1400		
Cotnwd Cr.-N Fk JD R	6-257	1977	09-07							70		1230		
Cotnwd Cr.-N FK JD R	6-257	1977	09-09			18				62		1330		
Cotnwd Cr.-N FK JD R	6-257	1977	09-13							68		1445		
Cotnwd Cr.-N Fk JD R	6-257	1977	09-16			18				58		1145		
Cotnwd Cr.-N Fk JD R	6-257	1977	09-20							54		1400		
Cotnwd Cr.-N Fk JD R	6-257	1977	09-23										no water	

DATA SUMMARY FORM 1978  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			REMARKS/OBSERVATIONS
						StS	ChS	Lam	Other	H2O	AIR	TIME	
Rudio Creek	6-238	1978	06-06			8				68		1030	
Rudio Creek	6-238	1978	06-09			4				70		1515	
Rudio Creek	6-238	1978	06-13										
Rudio Creek	6-238	1978	06-16			5				66		1200	
Rudio Creek	6-238	1978	06-20							70		1430	
Rudio Creek	6-238	1978	06-23										no water
Rudio Creek	6-238	1978	06-27			13							no water
Rudio Creek	6-238	1978	06-30							74		1500	
Rudio Creek	6-238	1978	07-06			0				74		1430	
Rudio Creek	6-238	1978	07-11			0				70		1230	
Rudio Creek	6-238	1978	07-14							78		1300	
Rudio Creek	6-238	1978	07-18			12				76		1515	
Rudio Creek	6-238	1978	07-21										no water
Rudio Creek	6-238	1978	07-25			0							no water
Rudio Creek	6-238	1978	07-28										no water
Rudio Creek	6-238	1978	08-01			0							
Rudio Creek	6-238	1978	08-04							80		1300	
Rudio Creek	6-238	1978	08-08			0				78		1430	
Rudio Creek	6-238	1978	08-10							76		1500	
Cotnwd Cr.-N Fk JD R	6-257	1978	06-06			15				70		1330	
Cotnwd Cr.-N Fk JD R	6-257	1978	06-09			3				66		1330	
Cotnwd Cr.-N Fk JD R	6-257	1978	06-13										
Cotnwd Cr.-N Fk JD R	6-257	1978	06-16			4				64		1400	
Cotnwd Cr.-N Fk JD R	6-257	1978	06-20							68		1200	
Cotnwd Cr.-N Fk JD R	6-257	1978	06-23							66		1400	
Cotnwd Cr.-N Fk JD R	6-257	1978	06-27			9				66		1330	
Cotnwd Cr.-N Fk JD R	6-257	1978	06-30							68		1230	
Cotnwd Cr.-N Fk JD R	6-257	1978	07-06			0							
Cotnwd Cr.-N Fk JD R	6-257	1978	07-11			5				72		1400	
Cotnwd Cr.-N Fk JD R	6-257	1978	07-14							76		1430	
Cotnwd Cr.-N Fk JD R	6-257	1978	07-18			19				74		1330	
Cotnwd Cr.-N Fk JD R	6-257	1978	07-21							74		1100	
Cotnwd Cr.-N Fk JD R	6-257	1978	07-25			14				74		1430	
Cotnwd Cr.-N Fk JD R	6-257	1978	07-28							76		1300	
Cotnwd Cr.-N Fk JD R	6-257	1978	08-01			0				74		1330	
Cotnwd Cr.-N Fk JD R	6-257	1978	08-04							76		1400	
Cotnwd Cr.-N Fk JD R	6-257	1978	08-08			21				78		1300	
Cotnwd Cr.-N Fk JD R	6-257	1978	08-10							78		1330	

**DATA SUMMARY FORM 1981**  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS
						StS	ChS	Lam	Other	H2O	AIR	TIME		
Rudio Creek	6-238	1981	07-13			0				88		1200		

DATA SUMMARY FORM 1984  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS		
				But	CT	StS	ChS	Lam	Other	H2O			AIR	TIME
Rudio Creek	6-238	1984	07-09			2				58		930		
Rudio Creek	6-238	1984	07-20			41				76				
Rudio Creek	6-238	1984	07-27			22				76				
Rudio Creek	6-238	1984	08-03			48				76				
Rudio Creek	6-238	1984	08-10			9				70				
Rudio Creek	6-238	1984	08-17			7				68				
Rudio Creek	6-238	1984	08-24			0				68				
Rudio Creek	6-238	1984	08-28			3				57		1040		
Rudio Creek	6-238	1984	09-06			32				64				
Rudio Creek	6-238	1984	09-14			10				62		1515		
Rudio Creek	6-238	1984	09-21			18				54		1130		
Cotnwd Cr.-N Fk JD R	6-257	1984	06-25			2				60		930		
Cotnwd Cr.-N Fk JD R	6-257	1984	07-20			94				76				
Cotnwd Cr.-N Fk JD R	6-257	1984	07-27			35			6Blb	72				
Cotnwd Cr.-N Fk JD R	6-257	1984	08-03			47			23Brb	74				
Cotnwd Cr.-N FK JD R	6-257	1984	08-10			26			15BrB	74				
Cotnwd Cr.-N FK JD R	6-257	1984	08-10						3 Sq					
Cotnwd Cr.-N Fk JD R	6-257	1984	08-17			27			3BrB	70				
Cotnwd Cr.-N Fk JD R	6-257	1984	08-17						2 Sq					
Cotnwd Cr.-N Fk JD R	6-257	1984	08-24			31			9BrB	66				
Cotnwd Cr.-N Fk JD R	6-257	1984	08-28			24				57				
Cotnwd Cr.-N Fk JD R	6-257	1984	09-06			0								No water
Cotnwd Cr.-N Fk JD R	6-257	1984	09-14			38				56		1400		
Cotnwd Cr.-N Fk JD R	6-257	1984	09-21			8				50	58	1015		

DATA SUMMARY FORM  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS		
				BuT	CT	StS	ChS	Lam	Other	H2O			AIR	TIME
Rudio Creek	6-237	1985	05-10			7			14Su	53	53	1230		
Rudio Creek	6-237	1985	05-17											
Rudio Creek	6-237	1985	05-21											
Rudio Creek	6-237	1985	05-29			11				54	54	800		
Rudio Creek	6-237	1985	05-30							56	62	930		
Rudio Creek	6-237	1985	06-04			0				57	62	900		
Rudio Creek	6-237	1985	06-10			5				72	82	1500		
Rudio Creek	6-237	1985	06-14							63	73	1115		
Rudio Creek	6-237	1985	06-18			35				58	69	930		
Rudio Creek	6-237	1985	06-21							62	68	930		
Rudio Creek	6-237	1985	06-24			3				55	65	930		
Rudio Creek	6-237	1985	06-27							62	70	930		
Rudio Creek	6-237	1985	07-02			5				68	84	1100		
Rudio Creek	6-237	1985	07-09			3				80	93	1230		
Rudio Creek	6-237	1985	07-12							78	90	1600		
Rudio Creek	6-237	1985	07-15							68	86	1000		
Rudio Creek	6-237	1985	07-18			0				63	75	900		
Cotnwd Cr.-N Fk JD R	6-257	1985	07-09			5				74	85	1200		
Cotnwd Cr.-N Fk JD R	6-257	1985	07-18			1				63	78	1000		
Cotnwd Cr.-N Fk JD R	6-257	1985	07-26			1				68	85	1100		
Cotnwd Cr.-N Fk JD R	6-257	1985	07-30							53	70	1500		
Cotnwd Cr.-N Fk JD R	6-257	1985	08-26			26				70	84	1300		
Cotnwd Cr.-N Fk JD R	6-257	1985	08-29							56	68	1000		
Cotnwd Cr.-N Fk JD R	6-257	1985	09-04			17				62	70	1300		
Cotnwd Cr.-N Fk JD R	6-257	1985	09-10			3				44	49	903		Trap & screen pulled on 9/16/85

**DATA SUMMARY FORM 1986**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS		
				BuT	CT	StS	ChS	Lam	Other	H2O			AIR	TIME
Rudio Creek	6-237	1986	05-02			22				48	54	1100		
Rudio Creek	6-237	1986	05-06							48	50	1200		
Rudio Creek	6-237	1986	05-09			20				40	44	1300		
Rudio Creek	6-237	1986	05-13							40	45	1200		
Rudio Creek	6-237	1986	05-16			7				42	60	1230		
Rudio Creek	6-237	1986	05-20							44	50	1430		
Rudio Creek	6-237	1986	05-27			0				64	80	1300		
Rudio Creek	6-237	1986	06-02			49				60	75	1150		
Rudio Creek	6-237	1986	06-05							58	64	1330		
Rudio Creek	6-237	1986	06-10			25			2Sq	54	70	1230		
Rudio Creek	6-237	1986	06-13							62	80	1300		
Rudio Creek	6-237	1986	06-17			23			1Sq	60	77	1230		
Rudio Creek	6-237	1986	06-20							68	68	1400		
Rudio Creek	6-237	1986	06-23							60	80	1200		
Rudio Creek	6-237	1986	06-24			78			2Sq	56	72	1200		
Rudio Creek	6-237	1986	06-27						1Dace					
Rudio Creek	6-237	1986	06-30						1RsS	60	72	1230		
Rudio Creek	6-237	1986	07-01			7				60	70	1230		
Rudio Creek	6-237	1986	07-03							56	74	1145		
Rudio Creek	6-237	1986	07-10			0			30Dace					
Rudio Creek	6-237	1986	07-14							54	64	1400		
Rudio Creek	6-237	1986	07-17			2				50	60	1100		
Rudio Creek	6-237	1986	07-21							60	80	1200		
Rudio Creek	6-237	1986	07-24			4				50	70	1000		
Rudio Creek	6-237	1986	07-28							46	68	1151		
Rudio Creek	6-237	1986	07-31							48	68	930		
Rudio Creek	6-237	1986	08-04			3				58	72	1200		
Rudio Creek	6-237	1986	08-07							50	62	1000		
Rudio Creek	6-237	1986	08-11			1				54	76	1130		
Rudio Creek	6-237	1986	08-14							44	70	1100		
Rudio Creek	6-237	1986	08-18			3				56	72	1130		
Rudio Creek	6-237	1986	08-21							50	66	930		
Rudio Creek	6-237	1986	08-25			14				56	74	1230		
Rudio Creek	6-237	1986	08-28							56	66	1000		
Rudio Creek	6-237	1986	09-02			14				48	58	1000		
Rudio Creek	6-237	1986	09-05							56	68	1130		
Rudio Creek	6-237	1986	09-08			3				60	73	1230		
Rudio Creek	6-237	1986	09-16			69				55	56	1230		
Rudio Creek	6-237	1986	09-18							52	58	1100		
Rudio Creek	6-237	1986	09-22							49	55	1100		
Rudio Creek	6-237	1986	09-27			419				48	45	1100		
Rudio Creek	6-237	1986	09-29							48	47	1100		
Rudio Creek	6-237	1986	10-02			146			1Sq					

**DATA SUMMARY FORM 1986**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES						TEMP (F°)			FLOW	REMARKS/OBSERVATIONS
				BuT	CT	StS	ChS	Lam	Other	H2O	AIR	TIME		
Rudio Creek	6-237	1986	10-06						6Su	56	72	1300		
Rudio Creek	6-237	1986	10-09			44				58	46	1045		
Cotnwd Cr.-N Fk JD R	6-257	1986	06-02			1				56	64	1430		
Cotnwd Cr.-N Fk JD R	6-257	1986	06-10			11				58	68	1415		
Cotnwd Cr.-N Fk JD R	6-257	1986	06-13							62	84	1445		
Cotnwd Cr.-N Fk JD R	6-257	1986	06-17			17			1BrB	62	74	1400		
Cotnwd Cr.-N Fk JD R	6-257	1986	06-20							52	58	1400		
Cotnwd Cr.-N Fk JD R	6-257	1986	06-23							66	82	1440		
Cotnwd Cr.-N Fk JD R	6-257	1986	06-24			15			2Sq	57	68	1330		
Cotnwd Cr.-N Fk JD R	6-257	1986	06-27						94Dace					
Cotnwd Cr.-N Fk JD R	6-257	1986	06-30						1Bsu	64	72	1500		
Cotnwd Cr.-N Fk JD R	6-257	1986	07-01			5			10Sq	60	66	1430		
Cotnwd Cr.-N Fk JD R	6-257	1986	07-03							54	60	1400		
Cotnwd Cr.-N Fk JD R	6-257	1986	07-10			6			36Dace	50	56	1345		
Cotnwd Cr.-N Fk JD R	6-257	1986	07-14						1Su	60	64	1330		
Cotnwd Cr.-N Fk JD R	6-257	1986	07-17			24				54	60	1130		
Cotnwd Cr.-N Fk JD R	6-257	1986	07-21							64	78	1330		
Cotnwd Cr.-N Fk JD R	6-257	1986	07-24			21				56	68	1130	1-12" Rb dead	
Cotnwd Cr.-N Fk JD R	6-257	1986	07-28							44	68			
Cotnwd Cr.-N Fk JD R	6-257	1986	07-31							48	68	1100		
Cotnwd Cr.-N Fk JD R	6-257	1986	08-04			13				60	70	1300		
Cotnwd Cr.-N Fk JD R	6-257	1986	08-07							54	72	1200		
Cotnwd Cr.-N Fk JD R	6-257	1986	08-11			5				60	70	1300		
Cotnwd Cr.-N Fk JD R	6-257	1986	08-14							54	72	1200		
Cotnwd Cr.-N Fk JD R	6-257	1986	08-18			5				48	72	1245		
Cotnwd Cr.-N Fk JD R	6-257	1986	08-21							54	74	1038		
Cotnwd Cr.-N Fk JD R	6-257	1986	08-25			22				60	74	1330		
Cotnwd Cr.-N Fk JD R	6-257	1986	08-28							52	58	1230		
Cotnwd Cr.-N Fk JD R	6-257	1986	09-02			44				44	56	845		
Cotnwd Cr.-N Fk JD R	6-257	1986	09-05							54	70	1200		
Cotnwd Cr.-N Fk JD R	6-257	1986	09-08			11				56	58	1100		
Cotnwd Cr.-N Fk JD R	6-257	1986	09-16			71				54	62	1300		
Cotnwd Cr.-N Fk JD R	6-257	1986	09-18							46	49	1000		
Cotnwd Cr.-N Fk JD R	6-257	1986	09-22							44	62	1030		
Cotnwd Cr.-N Fk JD R	6-257	1986	09-27			32				45	52	1000		
Cotnwd Cr.-N Fk JD R	6-257	1986	09-29							45	50	1000		
Cotnwd Cr.-N Fk JD R	6-257	1986	10-02											Off-trap pulled



**DATA SUMMARY FORM 1987**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS		
				BuT	CT	StS	ChS	Lam	Other	H2O			AIR	TIME
Rudio Creek	6-237	1987	04-16			13				46	56	1130		
Rudio Creek	6-237	1987	04-20							46	68	1145		
Rudio Creek	6-237	1987	04-25			3				60	82	1215		
Rudio Creek	6-237	1987	04-28							55	58	1225		
Rudio Creek	6-237	1987	05-04			0			1CSu	68	82	1415		
Rudio Creek	6-237	1987	05-11			40				65	78	1230		
Rudio Creek	6-237	1987	05-14							62	74	1130		
Rudio Creek	6-237	1987	05-18			106				62	62	1200		
Rudio Creek	6-237	1987	05-21							56	68	1145		
Rudio Creek	6-237	1987	05-26			39				51	50	1115		
Rudio Creek	6-237	1987	05-28							56	65	1130		
Rudio Creek	6-237	1987	06-01			23				54	56	1130		
Rudio Creek	6-237	1987	06-04							67	80	1200		
Rudio Creek	6-237	1987	06-16			88			1Sq	60	58	1115		
Rudio Creek	6-237	1987	06-19							64	72			
Rudio Creek	6-237	1987	06-23							66	69	1230		
Rudio Creek	6-237	1987	07-01			0								
Rudio Creek	6-237	1987	07-06											
Rudio Creek	6-237	1987	07-09			4								
Rudio Creek	6-237	1987	07-13							76	88	1300		
Rudio Creek	6-237	1987	07-16			18				60	62	1230		
Rudio Creek	6-237	1987	07-20							62	65			
Rudio Creek	6-237	1987	07-27			15				64	79	1200		
Rudio Creek	6-237	1987	07-30							63	80	1030		
Rudio Creek	6-237	1987	08-03			6				63	79	1100		
Rudio Creek	6-237	1987	08-14			2				62	59			
Rudio Creek	6-237	1987	08-18			5				69	79	1100		
Rudio Creek	6-237	1987	08-21							66	80	1200		
Rudio Creek	6-237	1987	08-24			7				67	85	1200		
Rudio Creek	6-237	1987	08-27											
Rudio Creek	6-237	1987	09-01			8				72	85	1400		
Rudio Creek	6-237	1987	09-04							62	70			
Rudio Creek	6-237	1987	09-09			30				67	89			
Rudio Creek	6-237	1987	09-11							65	85			
Rudio Creek	6-237	1987	09-15							65	78			
Rudio Creek	6-237	1987	09-21			33				50	60			
Rudio Creek	6-237	1987	09-23							62	82			
Riley Creek	6-257	1987	04-16			0								Not running
Cotnwd Cr.-N Fk JD R	6-257	1987	05-11			9								
Cotnwd Cr.-N Fk JD R	6-257	1987	05-14							60	68	1030		
Cotnwd Cr.-N Fk JD R	6-257	1987	05-18			79				56	62	1030		
Cotnwd Cr.-N Fk JD R	6-257	1987	05-21							56	65	1130		
Cotnwd Cr.-N Fk JD R	6-257	1987	05-26			6				50	46	1015		

DATA SUMMARY FORM 1987  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES					TEMP (F°)			FLOW	REMARKS/OBSERVATIONS		
				BuT	CT	StS	ChS	Lam	Other	H2O	AIR			TIME	
Cotnwd Cr.-N Fk JD R	6-257	1987	05-28												
Cotnwd Cr.-N Fk JD R	6-257	1987	06-01			53					52	52	1030		
Cotnwd Cr.-N Fk JD R	6-257	1987	06-04								63	79	1045		
Cotnwd Cr.-N Fk JD R	6-257	1987	06-08			70			1Sq		61	60	1030		
Cotnwd Cr.-N Fk JD R	6-257	1987	06-11								60	69	930		
Cotnwd Cr.-N Fk JD R	6-257	1987	06-16			156			1Sq		61	59	1045		
Cotnwd Cr.-N Fk JD R	6-257	1987	06-19						1BrB		56	60	1030		
Cotnwd Cr.-N Fk JD R	6-257	1987	06-23								60	59	1030		
Cotnwd Cr.-N Fk JD R	6-257	1987	06-25			90			5Sq		79	88			
Cotnwd Cr.-N Fk JD R	6-257	1987	06-29						1BrB		68	79	1030		
Cotnwd Cr.-N Fk JD R	6-257	1987	07-01			40			15Sq		62	75			Many dead trout in trap #257-took samples
Cotnwd Cr.-N Fk JD R	6-257	1987	07-06						15Sq		60	66	1030		
Cotnwd Cr.-N Fk JD R	6-257	1987	07-09			47			23Sq		62	65	1030		
Cotnwd Cr.-N Fk JD R	6-257	1987	07-13								69	80	1145		
Cotnwd Cr.-N Fk JD R	6-257	1987	07-16			93			21Sq		60	59	1130		
Cotnwd Cr.-N Fk JD R	6-257	1987	07-20								60	68	1100		
Cotnwd Cr.-N Fk JD R	6-257	1987	07-23								58	62	1000		
Cotnwd Cr.-N Fk JD R	6-257	1987	07-27			58			9Sq		65	70	1030		
Cotnwd Cr.-N Fk JD R	6-257	1987	07-30								62	79	1000		
Cotnwd Cr.-N Fk JD R	6-257	1987	08-03			25			5Sq		60	76	1100		
Cotnwd Cr.-N Fk JD R	6-257	1987	08-06								56	68	945		
Cotnwd Cr.-N Fk JD R	6-257	1987	08-11			26					75	82	1330		
Cotnwd Cr.-N Fk JD R	6-257	1987	08-14								68	72			
Cotnwd Cr.-N Fk JD R	6-257	1987	08-18			25					63	71	1200		
Cotnwd Cr.-N Fk JD R	6-257	1987	08-21								69	80	1000		
Cotnwd Cr.-N Fk JD R	6-257	1987	08-24			30			11Sq		62	75	1100		
Cotnwd Cr.-N Fk JD R	6-257	1987	08-27								58	79	1000		
Cotnwd Cr.-N Fk JD R	6-257	1987	09-01			21					70	90	1445		
Cotnwd Cr.-N Fk JD R	6-257	1987	09-04								63	70			
Cotnwd Cr.-N Fk JD R	6-257	1987	09-09			49			6Sq		72	85			
Cotnwd Cr.-N Fk JD R	6-257	1987	09-11								67	86			
Cotnwd Cr.-N Fk JD R	6-257	1987	09-15								65	82			
Cotnwd Cr.-N Fk JD R	6-257	1987	09-21			0									Beaver plugged bypass
Cotnwd Cr.-N Fk JD R	6-257	1987	09-27			9			4Sq		54	70			

**DATA SUMMARY FORM 1988**  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS	
				BuT	CT	StS	ChS	Lam	Other	H2O			AIR
Rudio Creek	6-237	1988	04-25			7				46	61	1230	
Rudio Creek	6-237	1988	04-25			1							
Rudio Creek	6-237	1988	04-28							49	65	1530	
Rudio Creek	6-237	1988	05-16			1				49	61	1545	
Rudio Creek	6-237	1988	05-16			77				57	76	1200	
Rudio Creek	6-237	1988	05-23			72				57			
Rudio Creek	6-237	1988	05-26							59			
Rudio Creek	6-237	1988	06-09			14				56			

DATA SUMMARY FORM 1989  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS		
				BuT	CT	StS	ChS	Lam	Other	H2O			AIR	TIME
Rudio Creek	6-237	1989	05-08			0			72Clm	68				
Rudio Creek	6-237	1989	05-19			0				60				
Rudio Creek	6-237	1989	05-25							64	79			
Rudio Creek	6-237	1989	05-25			4				54	65			
Rudio Creek	6-237	1989	06-07			9				68	77			
Rudio Creek	6-237	1989	06-09			2				67	72			
Rudio Creek	6-237	1989	06-19			19				63	60			
Rudio Creek	6-237	1989	06-26			4								
Rudio Creek	6-237	1989	07-03			1				67				
Rudio Creek	6-237	1989	07-11			2				79				
Rudio Creek	6-237	1989	07-18			0				80				
Rudio Creek	6-237	1989	07-24			0				73				
Rudio Creek	6-237	1989	08-03			0				72				
Rudio Creek	6-237	1989	08-08			0				76				
Rudio Creek	6-237	1989	08-17			0				73				
Rudio Creek	6-237	1989	08-24			5				60				
Rudio Creek	6-237	1989	08-28							63				
Rudio Creek	6-237	1989	09-05			1				70				
Rudio Creek	6-237	1989	09-08			0				56				
Rudio Creek	6-237	1989	09-19			8				54				
Cotnwd Cr.-N Fk JD R	6-261	1989	06-07			0				64	77			
Contwd Cr.-N Fk JD R	6-261	1989	06-09			0			1BrB	68	74			
Cotnwd Cr.-N Fk JD R	6-261	1989	06-19			0				56	56			
Cotnwd Cr.-N Fk JD R	6-261	1989	06-26			0				71				
Cotnwd Cr.-N Fk JD R	6-261	1989	07-03			1				67				
Cotnwd Cr.-N Fk JD R	6-261	1989	07-11			0				77				
Cotnwd Cr.-N Fk JD R	6-261	1989	07-18			0				76				
Cotnwd Cr.-N Fk JD R	6-261	1989	07-24			0				74				
Cotnwd Cr.-N Fk JD R	6-261	1989	08-03			0				66				
Cotnwd Cr.-N Fk JD R	6-261	1989	08-08			0				77				
Cotnwd Cr.-N Fk JD R	6-261	1989	08-24			0				60				
Cotnwd Cr.-N Fk JD R	6-261	1989	08-28							63				
Contwd Cr.-N Fk JD R	6-261	1989	09-05			0				63				
Cotnwd Cr.-N Fk JD R	6-261	1989	09-08			0				58				
Cotnwd Cr.-N Fk JD R	6-261	1989	09-19			0				56				

DATA SUMMARY FORM 1990  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			FLOW	REMARKS/OBSERVATIONS
						StS	ChS	Lam	Other	H2O	AIR	TIME		
Rudio Creek	6-237	1990	05-03			40						930		
Rudio Creek	6-237	1990	05-06									1130		
Rudio Creek	6-237	1990	05-07									1200		
Rudio Creek	6-237	1990	05-09			88				54	62	1100		Bypass blocked
Rudio Creek	6-237	1990	05-11							55	68	1300		
Rudio Creek	6-237	1990	05-14							55	58	1100		
Rudio Creek	6-237	1990	05-17			83			12Sq	58	68	1100		
Rudio Creek	6-237	1990	05-21							59	62	1030		
Rudio Creek	6-237	1990	05-25			58			Dace	57	64	1100		
Rudio Creek	6-237	1990	05-29							58	64	1100		
Rudio Creek	6-237	1990	06-01			60				59	66	1100		
Rudio Creek	6-237	1990	06-05							59	70	1100		
Rudio Creek	6-237	1990	06-07							59	75	1030		
Rudio Creek	6-237	1990	06-12			12				57	58	1100		
Rudio Creek	6-237	1990	06-15							68	77	1400		
Rudio Creek	6-237	1990	06-19			26				79	83	1430		
Rudio Creek	6-237	1990	06-22							64	68	1030		
Rudio Creek	6-237	1990	07-16			0				78	94			
Rudio Creek	6-237	1990	07-24			0				67	71	1345		
Rudio Creek	6-237	1990	07-30							85	1330			
Rudio Creek	6-237	1990	08-03			0				64	78	1030		
Rudio Creek	6-237	1990	08-07							77	91	1245		
Rudio Creek	6-237	1990	08-14			2				66	80	1030		
Rudio Creek	6-237	1990	08-17							60	69	1030		
Rudio Creek	6-237	1990	08-21							59	57	1015		
Rudio Creek	6-237	1990	08-24			5				57	68	1015		
Rudio Creek	6-237	1990	08-30							59	63	1030		
Rudio Creek	6-237	1990	09-05			2				65	76	1115		
Rudio Creek	6-237	1990	09-07							59	71	915		
Cotnwd Cr.-N Fk JD R	6-257	1990	05-29			11				56	60	1100		
Cotnwd Cr.-N Fk JD R	6-257	1990	06-01			16			1BrB	60	64	1230		
Cotnwd Cr.-N Fk JD R	6-257	1990	06-05							63	74	1300		
Cotnwd Cr.-N Fk JD R	6-257	1990	06-07							65	67	1300		
Cotnwd Cr.-N Fk JD R	6-257	1990	06-12			9				55	58	1300		
Cotnwd Cr.-N Fk JD R	6-257	1990	06-15							63	74	1230		
Cotnwd Cr.-N Fk JD R	6-257	1990	06-19			7				70	75	1230		
Cotnwd Cr.-N Fk JD R	6-257	1990	06-22							69	80	1300		
Cotnwd Cr.-N Fk JD R	6-257	1990	06-26			56			BrBl	76	81	1315		
Cotnwd Cr.-N Fk JD R	6-257	1990	06-29							75	82	1245		
Cotnwd Cr.-N Fk JD R	6-257	1990	07-03			58				63	68	1230		
Cotnwd Cr.-N Fk JD R	6-257	1990	07-06							64	67	1200		

DATA SUMMARY FORM 1992  
North Fork John Day Subbasin

STREAM	SCREEN#	YEAR	DATE	BuT	CT	FISH SPECIES				TEMP (F°)			REMARKS/OBSERVATIONS	
						StS	ChS	Lam	Other	H2O	AIR	TIME		FLOW
Cotnwd Cr.-N Fk JD R	6-257	1992	07-29						2RsS					
Cotnwd Cr.-N Fk JD R	6-257	1992	07-29			1			4Clm	66		1210		
Cotnwd Cr.-N Fk JD R	6-257	1992	07-29						13D					
Cotnwd Cr.-N Fk JD R	6-257	1992	08-03						6RsS/3D					
Cotnwd Cr.-N Fk JD R	6-257	1992	08-03			0			3Csu	72		1215		
Cotnwd Cr.-N Fk JD R	6-257	1992	08-10			1			19CSu	71		1230		
Cotnwd Cr.-N Fk JD R	6-257	1992	08-14						3Sq/5D	72		1200		
Cotnwd Cr.-N Fk JD R	6-257	1992	08-16						10RsS					
Cotnwd Cr.-N Fk JD R	6-257	1992	08-16			1			27CSu	75		1230	Opened trap-H2O too hot at 75 deg.	
Cotnwd Cr.-N Fk JD R	6-257	1992	08-16						3D					

**DATA SUMMARY FORM 1995**  
**North Fork John Day Subbasin**

STREAM	SCREEN#	YEAR	DATE	FISH SPECIES					TEMP (F°)			FLOW	REMARKS/OBSERVATIONS	
				BuT	CT	StS	ChS	Lam	Other	H2O	AIR			TIME
Rudio Creek	6-237	1995	06-12			10				45CSu	56	65	930	
Rudio Creek	6-237	1995	06-15								54	60	900	
Rudio Creek	6-237	1995	06-19			15				13CSu	52	58	915	
Rudio Creek	6-237	1995	06-22								56	70	900	
Rudio Creek	6-237	1995	06-26			23				59CSu	60	65	900	
Rudio Creek	6-237	1995	06-29								56	70	900	
Rudio Creek	6-237	1995	07-05			13				36CSu	60	70	900	
Rudio Creek	6-237	1995	07-10			7				42CSu	63	70	930	
Rudio Creek	6-237	1995	07-13								56	68	900	
Rudio Creek	6-237	1995	07-17			8				14CSu	60	70	900	
Rudio Creek	6-237	1995	07-20							1D	67	75	915	
Rudio Creek	6-237	1995	07-24			2				31CSu	62	72	900	
Rudio Creek	6-237	1995	07-27								63	74	900	
Rudio Creek	6-237	1995	09-05			3				50CSu	56	63	900	
Rudio Creek	6-237	1995	09-07								56	59	900	
Rudio Creek	6-237	1995	09-11			3				50CSu	53	64	915	
Rudio Creek	6-237	1995	09-15								54	66	930	
Rudio Creek	6-237	1995	09-18			2				12CSu	60	74	1030	
Rudio Creek	6-237	1995	09-25			3				50CSu	54	67	1000	Trap opened 9/28/95
Rudio Creek	6-237	1995	09-28								56	64	1000	
Cotnwd Cr.-N Fk JD R	6-261	1995	06-05			1				12CSu	58	60	1100	
Cotnwd Cr.-N Fk JD R	6-261	1995	06-05							9D				
Cotnwd Cr.-N Fk JD R	6-261	1995	06-19			4	1			14CSu	58	60	1000	
Cotnwd Cr.-N Fk JD R	6-261	1995	06-22							2RsS	60	73	1000	
Cotnwd Cr.-N Fk JD R	6-261	1995	06-22							3Sq/1D				
Cotnwd Cr.-N Fk JD R	6-261	1995	06-26			6	11			18CSu	61	75	1000	
Cotnwd Cr.-N Fk JD R	6-261	1995	06-29							5RsS	62	78	930	
Cotnwd Cr.-N Fk JD R	6-261	1995	06-29							4SB				
Cotnwd Cr.-N Fk JD R	6-261	1995	07-10			1	1			14CSu	64	77	1015	
Cotnwd Cr.-N Fk JD R	6-261	1995	07-13							1Sq	61	70	1000	
Cotnwd Cr.-N Fk JD R	6-261	1995	07-13							80SB				80 sm mouth bass fry
Cotnwd Cr.-N Fk JD R	6-261	1995	07-17			3	4			29CSu	68	79	1000	
Cotnwd Cr.-N Fk JD R	6-261	1995	07-20							2Sq	69	85	1030	
Cotnwd Cr.-N Fk JD R	6-261	1995	07-20							30Sb				30 Sb fry
Cotnwd Cr.-N Fk JD R	6-261	1995	07-24			0				17CSu	66	80	1000	
Cotnwd Cr.-N Fk JD R	6-261	1995	07-27							4RsS	65	74	1000	
Cotnwd Cr.-N Fk JD R	6-261	1995	07-27							56Sb				55 Sb fry - 1 adult bass
Cotnwd Cr.-N Fk JD R	6-261	1995	07-27							2D				

