DWORSHAK NATIONAL FISH HATCHERY STEELHEAD BROODSTOCK RAW SPAWNING DATA – 1971

by

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Following are the Dworshak National Fish Hatchery raw spawning data for steelhead broodstock recorded by hatchery personnel in 1971, specifically from 5/10/1971 to 6/30/1971. Included are the original hatchery data forms (ADULT RECORD, 64 pages) as well as any handwritten summary notes (no pages). All information was stored by Dr. Ted Bjornn (University of Idaho, deceased) and transferred from Dr. Christine Moffitt (University of Idaho) to IDFG in 2012. The paper sheets were then digitally scanned and are in their original form, except for some minor notes in light pink pencil made by this author for clarification purposes (all dark red felt pen is original). The original paper sheets are archived at Nampa Research Anadromous Ageing Laboratory (NRAAL) located in Nampa, Idaho.

Interpretation by this author and others of various terms and notes on the paper sheets are as follows:

- "Take" followed by a number (e.g. pg. 2) – individual egg take events when many fish were spawned, generally a single day.
- "Springs" (e.g. pg. 2) and "Falls" (e.g. pg. 6) – adults trapped for broodstock in the spring of 1971 versus the fall of 1970, respectively.
- "Kill" (e.g. pg. 2), "Air Spawn in Building" (e.g. pg. 8), and "Air Spawn in Pond" (e.g. pg. 11) – method of spawning.
- "Green" (e.g. pg. 2) – green female, not ready to spawn, and length crossed out in red pen.
- Other male lengths were crossed out in green pen (e.g. pg. 7) for unknown reasons.
- "Scale" followed by two numbers (e.g. pg. 2) – the scale sample collected where the first number refers to the gum card itself and the second number refers to the location on the gum card where the scale sample was placed. Each gum card has 20 squares numbered sequentially. Acetate impressions were made of each gum card for ageing. Nampa Research has archived the original gum cards and the acetate impressions; digital images have been made of both.
- "DIP" (e.g. pg. 5) – died or found dead in pond, the fish was not spawned.
- Female "Tag No." and "Male Tag" columns (e.g. pg. 8) – tags presumably used to keep track of parental crosses during air spawns.
- "D-2 to D-51" (e.g. pg. 10) and "D-58 to D-157" (e.g. pg. 16) – egg incubation tray number during air spawns.
- "OGC" followed by multiple digit number (e.g. pg. 10) – Oregon Game Commission fish tag, type unknown.

The meaning or purpose of notes, abbreviations, or numbers that are not defined above were not determined during the review of these data.

Lg Dist. -

1971 - SPRINGS
Kvil

TAPE 1

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5-10	1	F	~~27.1~~		6.9	GREEN
	2	F	32.0		9.0	
	3	F	32.5		9.7	
	4	F	33.2		10.2	
	5	F	28.5		6.1	DR
	6	F	29.4		7.5	
	7	F	34.2		11.4	
	8	F	32.1		9.9	
	9	F	34.2		10.7	
	10	F	36.9		14.4	SCALE 1-10 Spring
	11	F	32.5		10.0	
	12	F	30.8		7.9	
	13	F	32.7		10.6	
	14	F	33.5		10.0	
	15	F	29.1		6.5	
	16		32.3		9.9	
	17		34.8		11.6	
	18		31.0		8.5	
	19		32.6		10.0	
	20		31.7		9.1	SCALE 1-19
	21		34.2		13.2	
	22		33.5		11.3	
	23		32.8		10.3	
	24		31.2		8.1	
	25		33.0		11.2	
	26		31.9		9.3	
	27		32.0		10.0	DR
	28		32.5		9.8	
	29		35.1		11.4	
	30		30.8		7.9	SCALE 1-8
	31		32.7		9.2	
	32		34.5		12.4	
	33		32.0		9.8	
	34		27.7		6.5	
	35		32.7		9.7	
	36		33.7		12.4	
	37		32.5		9.0	
	38		33.0		11.3	
	39		32.7		9.1	
	40		34.9		12.0	SCALE 1-7
	41		25.5		5.5	
	42		26.6		6.0	
	43		25.4		4.8	
	44		34.2		12.1	
	45		32.3		9.6	

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5-10	46	F	30.1		7.5	
	47	F	35.3		11.5	
	48		32.5		10.2	
	49		32.5		9.1	
	50	X	36.0		15.1	SCALE 1-6
	51		32.1		9.8	
	52		31.0		9.1	
	53		30.9		8.0	
	54		34.1		11.8	
	55		~~29.7~~		9.8	GREEN
	56		31.7		9.5	
	57		32.2		9.9	
	58		32.6		8.8	
	59		33.8		11.9	
	60	X	37.6		16.7	SCALE 1-5
	61		30.0		7.4	
	62		34.3		11.6	
	63		32.7		9.9	
	64		30.8		8.3	
	65		33.0		11.0	
	66		34.0		13.3	
	67		24.1		4.2	
	68		34.0		13.3	
	69		32.8		10.7	
	70	X	26.5		5.6	SCALE 1-4
	71		33.7		10.5	
	72		36.7		14.4	
	73		29.3		6.7	
	74		25.2		5.4	
	75		33.1		10.2	
	76		33.8		10.5	
	77		33.3		10.8	
	78		34.2		12.0	
	79		33.8		10.7	
	80	X	33.4		10.7	SCALE 1-3
	81		30.1		10.5	
	82		~~31.7~~		10.9	GREEN
	83		32.0		10.3	
	84	F	30.2		9.3	
	85	F	35.5		12.2	

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5-10	86	F	31.8		9.0	
	87	F	35.3		12.1	
	88		33.2		10.7	
	89		26.0		5.1	
	90		37.2		12.4	SCALE 1-2
	91		36.6		13.5	
	92		25.2		4.6	
	93		24.8		4.3	
	94		29.2		6.8	
	95		33.5		11.0	
	96		31.6		9.2	
	97		33.5		11.5	
	98		32.2		10.8	
	99		32.9		10.4	
	100		38.5		16	SCALE 1-1
	101		30.1		7.9	
	102		33.3		11.5	
	103		32.2		9.7	
	104		35.5		11.9	
	105		36.1		14.5	
	106		32.2		10.0	
	107		31.6		9.4	RD
	108		32.1		8.9	
	109		34.2		12.4	
	110		30.2		8.0	SCALE 1-20
	111	M	~~30.0~~		9.0	
	112	F	30.2		7.5	
	113	F	35.0		13.0	
	114	F	33.6		11.8	
	115	M	~~25.2~~		5.6	
	116	F	33.0		9.0	
	117	F	31.3		8.7	
	118		36.0		12.2	
	119		24.7		4.5	
	120		37.8		15.9	SCALE 2-19
	121		27.0		6.3	
	122		36.8		14.2	
	123		31.0		8.5	
	124		33.7		11.5	
	125		32.2		10.0	
	126		32.6		9.4	
	127		33.1		11.2	
	128		33.0		10.6	
	129		37.0		15.1	
	130		32.0		9.3	SCALE 1-18
	131		~~34.0~~		12.0	GREEN
	132	F	25.8		5.4	
	133	F	25.0		4.0	

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5-10	134	F	25.2		4.7	
	135	F	31.0		8.5	
	136		31.3		9.0	
	137		34.0		12.5	
	138		34.1		11.3	
	139		30.7		8.5	
	140		30.5		8.5	scale 1-17
	141		33.9		11.1	
	142		33.5		11.8	
	143		36.3		12.5	
	144		35.0		13.4	
	145		22.5		3.0	
	146		27.6		6.2	
	147		32.2		9.1	
	148		32.5		10.6	
	149		27.5		5.6	
	150		22.8		3.2	scale 1-16
	151		32.5		10.0	
	152		37.0		15.0	
FALLS Pond 4	153	M	40.0		21.0	
	154	F	24.0		4.5	DIP
	155					
	156					
	157					
	158					
	159					
	160					
	161					scale 1-1[illegible]
	162					
	163					3 males (35.6)
	164					4 ♀ Bad
	165					147 ♂ + spawned (1978.6)
	166					(151 ♀)
	167					
	168					
	169					
	170					
	171					SCALE 1-1[illegible]
	172					
	173					
	174					
	175					
	176					
	177					
	178					
	179					
	180					1-13

Lg Dist. ✓

Take 1

Falls
K.M

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5-10	1	F	30		7.6	
	2	F	31.9		9.2	
	3		33.8		11.0	
	4		32.7		9.6	
	5		32.9		10.4	
	6		31.5		8.9	
	7		31.2		8.6	
	8		30.3		8.7	
	9		32.9		10.7	
	10		34.0		12.2	
	11		35.1		13.0	SCALE 1-1 Fall
	12		34.0		12.0	
	13		32.0		9.4	
	14		34.2		12.2	
	15		31.9		9.3	
	16		32.5		9.9	
	17		32.2		10.2	
	18		31.6		8.9	
	19		32.0		10.9	
	20		32.1		9.4	
	21		~~32.6~~		11.2	SCALE 1-2 GREEN
	22		28.1		6.7	
	23		29.1		6.9	
	24		33.9		11.4	
	25		23.8		3.6	
	26		33.3		11.9	
	27		33.8		11.6	
	28		31.8		9.2	
	29		30.2		8.5	
	30		30.0		7.1	SCALE 1-3
	31		34.0		11.5	
	32		~~33.9~~		12.3	GREEN
	33		28.9		7.2	
	34		32.5		10.5	
	35		31.0		8.6	
	36		30.8		8.6	
	37		31.5		9.2	
	38		32.0		9.7	
	39		32.9		11.3	
	40	M	~~28.6~~		8.4	SCALE 1-4
	41	F	32.2		9.5	
	42	F	32.0		9.2	
	43		36.9		13.1	
	44		32.5		9.9	
	45		31.1		9.1	
	46	F	25.7		4.7	
	47	F	31.8		10.0	

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5-10	48	F	34.0		11.3	
	49	F	32.0		11.3	
	50	F	31.5		10.1	SCALE 1-5
	51	M	~~33.1~~		13.4	
	52	F	22		2.8	
	53	F	34.5		11.9	
	54	F	~~34.2~~		14.0	DIP
	55	F	35.5		12.6	
	56	F	~~21.7~~		3.6	DIP
	57	F	~~33.5~~		13.0	GREEN
	58	F	31.1		8.6	
	59	M	~~36.0~~		15.5	
	60	M	~~34.2~~		14.3	SCALE 1-6
	61	M	~~34.8~~		13.0	
	62	F	25.0		4.4	
	63	M	~~29.5~~			DIP
	64	M	~~32.0~~			DIP
	65	M	~~33.5~~			DIP
	66	M	~~27.5~~			DIP
	67	M	~~26.5~~			DIP
	68					
	69					
	70					
	71					
	72					
	73					
	74					10 ♂
	75					5 bad ♀
	76					57 ♀ Sp
	77					
	78					57 ♀ = 547.8 lbs
	79					57 ♂ = 64.6
	80					
	81					
	82					
	83					
	84					
	85					
	86					
	87					
	88					
	89					
	90					

Air Spawn in Building

Spring's

Table 2

Lg Dst. ✓

2+ed

Mortality

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	~~Weight before Spawning, lb.~~ TAG NO	~~Weight after Spawning, lb.~~ MAL TAG	REMARKS
4-11	1	F	31.2	1	10 —	~~2500~~
	2	F	34.2	2	8 —	
	3	F	30.3	4	8	~~7500~~
	4	F	37.2	6	10	
	5	F	31.5	7		
	6	M	~~30.0~~		8	
	7	F	31.2	9	10	
	8	M	~~26.7~~		10 TAG	
	9	F	37.5	NO TAG	11 + 12	AIR spawn + Killed SCALE 1-1
	10	M	~~32.0~~		11 Tag	
	11	M	~~36.0~~		12 Tag	
	12	F	34.0	13	11+12	
	13	F	34.0	14		
	14	F	33.0	15	11+12	
	15	F	31.5	16		
	16	F	32.0	18	20+21	9553 / 4810
	17	F	~~35.0~~	19		DIP 5/23/91
	18	M	~~33.5~~	20	20 TAG	DIP 6/1/91
	19	M	~~27.1~~		21 TAG	SCALE - 1-2
	20	F	33.0		20+21	Killed + AIR SPAWNED
	21	F	34.6	22	20+21	NO MAL. DIP 11797
	22	F	34.8	23		NO MAL. DIP 568
	23	M	~~27.9~~		24 TAG	
	24	F	31.0	25	20+24	NO MAL DIP 7682
	25	F	32.5	26		NO MAL DIP 379
	26	F	35.6		20+24	AIR spawned + KILLED
	27	M	~~34.0~~		27 TAG ✓	SCALE 1-3
	28	M	~~36.0~~		28 TAG ✓	
	29	F	31.5	29	27+32	10020 / 892
	30	F	30.2	30		
	31	F	33.0	31	32+35	10637 / 2335
	32	M	~~28.2~~	32	32 TAG	
	33	M	~~25.2~~	33	33 TAG ✓	
	34	F	27.2	34		DIP 5/28
	35	F	33.6		35+36	AIR SPAWN + KILL
	36	M	~~35.2~~		35 TAG ✓	SCALE 1-4

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
6-11	37	M	~~25.2~~		36 TAG	
	38	M	~~32.6~~		37 TAG	DIP 6/1/71
	39	M	~~22.2~~		38 TAG	
	40	F	34.2	39	38+40	12735 / 1190
	41	M	~~37.2~~		40 TAG	
	42	F	31.5	41		
	43	M	~~27.3~~		43 TAG	Died in Pond 6/1/71
	44	M	~~28.0~~		44 TAG	
	45	M	~~24.1~~		45 TAG	
	46	M	~~27.0~~		47 TAG	
	47	F	31.3	48	43+45	11550 / 235
	48	F	29.2	49		
	49	M	~~37.8~~		50 tag	Died 5/26
	50	M	~~26.2~~		51 tag	
	51	M	~~26.8~~		52 tag	
	52	M	~~26.3~~		53 tag	
	53	F	31.6	54	50+51	10950 / 1648
	54	F	35.0	55		
	55	F	29.6	56		19710 / 959
	56	F	31.2	57	50+60	
	57	F	22.	58		Died 5/26
	58	F	31.3	59	50+60	DIP 5/27
	59	M	~~33.~~	~~60~~	60 TAG	10882 / 212
	60	F	29.	61		
	61	M	~~36.5~~		62 tag	
	62	M	~~35.9~~		63 tag	Died in Pond 5/26
	63	M	~~34.6~~		64 tag	Died 5/26
	64	F	33.5		50+63	AIR SPAWN + KILL
	65	F	32.0	66	50+63	12860 / 465
	66	F	34.0	67		
	67	F	28.4	68		
	68	F	23.6	69	50+63	19610 / 817
	69	F	27.5	70		
	70	F	33.1	71	50+63	2876 / 2311
	71	F	33.8	72		
	72	F	24.3	73	62+64	10117 / 311
	73	F	33.0	74		
	74	F	35.2	75	62+64	13110 / 1310
	75	F	34.2	76		
	76	F	30.3	77	—	Spawn + Released Eggs Not Kept
	77	M	~~35.0~~	78	78 TAG	Died in Pond 5/26

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5-11	78	F	35.2	79	65+78	11367 / 709
	79	F	33.0	80		
	80	F	32.5	81	63+78	12219 / 2080
	81	F	32.3	82		
	82	F	32.5		63+78	AIR SPAWNED + KILLED
	83	~~M~~	~~29.0~~	83	83 TAG	SCALE 1-5
	84	~~M~~	~~38.5~~		84 TAG	0EC-00598
	85	~~M~~	~~29.0~~		85 TAG	
	86	F	31.8	86	84+85	9204 / 939 SCALE
	87	F	33.0	87		
	88	F	30.2	88	85+85	DIP 5/28 8944 / 484
	89	F	31.0	89		
	90	F	25.8	90	84+85	9735 / 1189
	91	F	30.3	91		
	92	F	34.7	92	84+85	0853 / 11073
	93	F	36.4	93		DIP 5/28
	94	F	30.5	94	95+96	9355
	95	~~M~~	~~36.2~~		95 TAG	DIP 9531 5-23
	96	M	~~34.7~~		96 TAG	
	97	F	29.5	97		
	98	F	26.0	98	96+100	4069 / 1302
	99	F	26.0	99		
	100	M	~~38.0~~	10	100	
	101	F	30.0	101	96+100	3203 / 1393
	102	F	30.5	102		
	103	F	32.9	103	96+100	Died 5/21 7590 / 449
	104	F	34.0	104		
	105	M	~~32.8~~	1	105 Tag	
	106	M	~~29.0~~		106 Tag	SCALE 1-7
	107	F	23.5		105+106	AIR SPAWN + KILL
					37 ♂	
					1 ♀	Bad eggs.
					69 ♀	

D-2 Through D-51

Table 3

Lg. Dist. —

AIR Spawn in Pond.

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5-12	1	F	33.3	108	109+100	11677 / 1519
	2	F	32.6	107		
	3	M	~~38.0~~		109 TAG	Died 5/26
	4	M	~~28.8~~		110 TAG	Died in Pond 5/26
	5	F	34.2	111	109+110	6873 / 719
	6	F	25.1	112		
	7	F	37.6	113	109+112	12965 / 1851
	8	F	32.4	114		
	9	M	~~40.0~~		115 TAG	Died 5/25
	10	F	31.8	116	115+117	10329
	11	M	~~35.5~~		117 TAG	Died 14th Pond 5/25
	12	F	34.2	118	115+117	
	13	F	33.5	119	115+117	10700 / 1241
	14	F	32.3	120		
	15	F			121+115	AIR SPAWN & RIL
	16	M	~~27.7~~		121 TAG	
	17	F	33.2	125	121+115	11217 Died 5/25 / 757
	18	F	32.0	126		
	19	F	35.1	122	115+117	died in Pond (5-12-71) / ~~9295~~ / 8970
	20	F	34.1	124		
	21	M	~~30.8~~		127 TAG	died 5/26
		F	~~34.0~~	123		DIP
	22	F	31.3	128	127+121	7467 / 2439
	23	F	29.3	129		
	24	F	32.8	130	127+121	3812 / 7800
	25	F	33.7	131		
	26	F	34.7	132	133+134	
	27	M	~~33.0~~		133 TAG	6965 / 2011
	28	M	~~25.5~~		134 TAG	
	29	F	32.2	135		
	30	F	28.2	136	134+133	5289 / 1071
	31	F	34.0	137		
	32	F	29.6	138	133+140	8896 / 482
	33	F	34.2	139		
	34	M	~~41.6~~		140 TAG	Died 5/26
	35	F	34.0	141	140+133	DIP 5/26 / 7152 / 2951
	36	F	37.0	142		
	37	F	31.0	143	140+145	DIP 5/28
	38	F	31.9	144		8603 / 1165
	39	M	~~38.0~~		145 TAG	Died 5/26
	40	F	34.8		140+145	AIR spawn + KILL

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb. (140 + 145)	REMARKS
5-12	41	F	31.4	146	145 + 148	6876 / 2406
	42	F	35.5	147		
	43	M	~~34.0~~		TAG 148	Died 5/26
	44	F	31.3	149	145 + 148	DIP 5/30 3769
	45	F	32.2	150		
	46	F	34.3	151	148 + 153	3358
	47	F	32.5	152		6206
	48	M	~~40.0~~		153 TAG	3216 DIP 5/28
	49	F	34.7	154	153 + 148	12518
	50	F	33.0	155		1099
	51	F	34.8	156	148 + 153	5187
	52	F	31.8	157		2148
	53	F	31.4	158	160 + 161	6949
	54	F	33.0	159		1825
	55	M	~~40.5~~	[illegible]	160 T	Died 5/26
	56	M	~~40.0~~	[illegible]	161 T	Died 5/26
	57	F	33.0		161 + 166	AIR SPAWN + KILL
	58	F	31.0	162	164 + 161	9671
	59	F	34.0	163		2436
	60	M	~~40.8~~		164 TAG	Died 5/26
	61	F	32.6	165	161 + 164	Died in Pond " 5465
	62	F	34.8	166		Died in Pond " 4972
	63	F	31.6	167		2483
	64	M	~~39.0~~	[illegible]	168 TAG	740
	65	M	~~36.5~~		169 TAG	Died in Pond "
	66	F	34.2	170	169 + 168	10802
	67	F	32.0	171		1094
	68	F	33.4	172	168 + 169	9536
	69	F	37.0	173		1637
	70	F	26.6	174	168 + 169	1012
	71	F	27.6	175		4875
	72	F	~~22.5~~			D.I.P.
	73	F	32.5	176	168 + 169	6201
	74	F	26.7	177		1311
	75	F	~~26.5~~	178		SPAWNED - OUT
	76	F	31.6	179	169 + 168	3955
	77	F	27.0	180		496
	78	F	32.0	181	169 + 183	9979
	79	F	32.4	182		799
	80	M	~~33.0~~		183 Tag	Died 5/25
	81	F	31.6	184	183 + 186	4809
	82	F	31.6	185		DIP 5/30 2297

Gran ♂ 111
n 8.102

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5-12	83	M	~~38.2~~		186 TAG	DIP 5/30
	84	F	33.7	187	183+186	8921
	85	F	32.0	188		2036
	86	F	29.0	189	191+186	2002
	87	F	26.4	190		2597
	88	M	~~33.5~~		191 TAG	Died 5/25
	89	F	33.0	192	194+191	11238
	90	F	35.6	193		2299
	91	M	~~35.3~~		194 TAG	Died 5/26
	92	M	~~34.9~~		196 TAG	
	93	F	32.5	196	194+195	8880
	94	F	37.1	197		3029
	95	F	34.5	201	194+199	2542
	96	F	32.0	198		3590
	97	M	~~27.0~~		199 TAG	
	98	F	25.0	200	199+203	6549
	99	F	33.5	202		166
	100	M	~~35.4~~		203 TAG	DIP 5/30
	101	F	32.2	204	199+203	5769
	102	F	33.5	205		DIP 5/23
	103	F	32.0	206	199+203	Died 5/26
	104	F	32.7	207		Died 5/26
	105	F	~~25.5~~			DIP
	106	M	~~36.7~~		208 TAG	
	107	M	~~27.0~~		209 TAG	
5-13	108	F	31.8	210	209+208	8840
	109	F	33.6	211		617
	110	F	32.7	212	208+209	3560
	111	F	33.5	213		5213
	112	F	31.9	214	217+209	3145
	113	F	34.0	215		Died 5/25
	114	M	~~36.7~~		217 TAG	
	115	M	~~35.8~~		218 TAG	DIP 5/28
	116	F	32.6	219	217+218	3098
	117	F	30.6	215 died AFTER SPAWN		Died 1636
	118	F	~~29.8~~			D.I.P.
	119	F	32.6	220	217+218	9951
	120	F	25.7	221		Died 5-24-71
	121	F	33.0		217+218	AIR SPAWN + KILL
	122	F	30.2	222	218+224	10240
	123	F	24.0	223		198
	124	M	~~30.4~~		224 TAG	
	125	F	29.8	225	224+218	

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5-13	126	F	33.4	226	224+218	9090 / 2271
	127	M	~~38.8~~			D.I.P
	128	F	27.3	227	229+218	8602 / 1125
	129	F	33.4	228		
	130	M	~~31.3~~		229 TAG	Died 5/26
	131	F	30.4	230	~~118+232~~	9014 / 867
	132	F	33.4	231		
	133	M	~~28.0~~		232 TAG	Died 5/26
	134	F	25.6	233	232+218	2226 / 1075
	135	F	32.9	234		
	136	F	31.5		218+232	AIR SPAWN + KILL
	137	F	32.2	236	234+235	5001
	138	F	32.8	237		D 10095/1
	139	M	~~35.6~~		239 TAG	Died in tank
	140	M	~~40.6~~		235 TAG	D.I.P 5/30
	141	F	32.2	240	235+239	6837 / 2481
	142	F	33.0	238		
	143	F	33.8	241	235+239	5873 / 3092
	144	F	26.8	242		
	145	F	31.8	243	235+239	2993 / 4343
	146	F	30.2	244		
	147	F	33.0	245	~~235+239~~	D.I.P 5/30
	148	F	26.5	246		
	149	F	32.3	247	235+239	9560 / 2287
	150	F	37.4	248		
	151	F	37.0	249	235+251	7143 / 6415
	152	F	32.3	250		
	153	M	~~32.5~~		251 TAG	
	154	F	33.0	252		D.I.P
	154	F	35.7	252	235+251	8069 / 3065
	155	F	34.2	253		
	156	F	38.7	254	235+251	8094 5/30 / 6690
	157	F	35.0	255		
	158	F	33.7	256	235+251	9513
	159	F	27.3	257		10635/30
	160	F	30.4	258		
	161	F	28.2		235+257	AIR SPAWN + KILL
	162	F	32.4	259	261+262	2005 / 3763
	163	F	32.3	260		

Dworshak National Fish Hatchery

ADULT RECORD

2652

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
	165	M	~~37.7~~		261 TAG	DIP 5/27
	166	M	~~30.3~~		262 TAG	DIP 5/28
	167	F	31.6	263	~~261+262~~	7400 / 1244
	168	F	26.9	264		
	169	F	32.1	266	261+262	8291 / 209
	170	F	25.3	267		DIP 5/27
	171	F	34.1	268	261+262	11990 / 2278
	172	F	33.5	269		
	173	F	30.3	270	261+262	10218 / 1851
	174	F	33.3	271		
	175	F	35.0	272	261+262	10092 / 2327
	176	F	27.2	273		
	177	F	25.3	274	261+262	11893 / 865
	178	F	35.2	275		
	179	F	32.8	277	261+262	10908 / 1028
	180	F	31.3	278		DIP 6/1
	181	F	34.8	279	281+262	DIP 6/1
	182	F	31.8	280		12476 / 770
	183	M	~~34.2~~		281 TAG	DIP 5/27
	184	F	31.3	282	~~281+262~~	10173 / 995
	185	F	29.8	283		
	186	M	~~27.3~~		284 TAG	Died 5/26
	187	F	32.4	285	262+287	10597 / 457
	188	F	31.0	286		
	189	M	~~27.8~~		287 TAG	
	190	F	33.8	288	~~262+287~~	12592 / 595
	191	F	32.0	289		DIP 5/29
	192	F	34.7	290	287+281	11139 / 1900
	193	F	25.9	291		
	194	F	28.4	292	294+281	10015 / 618
	195	F	32.5	293		
	196	M	~~28.3~~		294	Died 5/26
	197	F	33.0	295	297+298	8783 / 2698
	198	F	32.	296		BLOODY
	199	F	~~25.3~~		297 TAG	

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
	200	M	~~35.0~~		298 TAG	DIP 5/27
	201	F	24.5	299	297+298	8394 / 571
	202	F	33.0	300		
	203	F	31.0	301	298+297	5928
	204	F	30.3	302		DIP 5/~~23~~ 55
	205	F	26.5	~~303~~	297+307	4860 / 1815
	206	F	26.0	304		
	207	M	~~26.0~~		307 TAG	
	208	M	~~37.0~~		306 TAG	DIP 6/1
	209	F			306+307	

80 ♀
59 ♂

TRAY- D-58
D-157

TAKE 3

♀ sp 158
BAL ♀ 96
♂ sp 44
208

Lg Dist. ✓

Take 4
Spawns (Kill)

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5-14	155	F	27.5		6.0	Scale 1-15
	156	F	34.1		11.3	" 1-14
	157	F	33.2		9.9	" 1-13
	~~158~~				12.1	" 1-12
	159	F	34.3		10.7	1-11
	160	F	33.0		11.5	Scale ~~1-15~~
	161	F	34.0		10.2	
	162	F	34.0		5.0	
	163	F	27.5			

♂ ♀

76.7 lbs
8♀

Lg. Dist. ✓

Take 5
(Spring Kill)

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5-17	164	F	34.8		12.4	
	165	F	32.6		10	
	166	F	33.8		11.2	
	167	F	32.8		11.9	
	168	F	32.2		10.9	
	169	F	32.9		10.4	
	170	F	34.1		11.9	scale 2-1
	171	F	22.5		6.5	
	172	F	25.6		4.6	
	173	F	26.8		5.3	
	174	F	30.7		7.7	
	175	M	~~35~~		15	
	176	F	33.2		11.1	
	177	F	27.2		6.3	
	178	F	25.2		5.4	
	179	F	30.7		7.9	
	180	F	32.1		8.9	SCALE 2-2
	181	F	~~35.6~~			BAD EGGS
	182	F	29.7		7.7	
	183	F	31.2		8.8	
	184	F	35		11.7	
	185	F	33.8		11.5	
	186	F	33.2		10.6	
	187	F	32.8		9	
	188	F	26.7		5.7	
	189	F	33		9.8	
	190	M	~~29~~		7.7	SCALE 2-3
	191	F	32.3		10	
	192	M	~~27.3~~		7.4	
	193	F	33.8		12.1	
	194	M	~~35.7~~		15.2	
	195	F	32.1		9.5	
	196	F	31.8		9.2	
	197	F	33.7		10	
	198	F	31.3		10.4	
	199	F	33.7		11.6	
	200	F	33.3		10.2	SCALE 2-4
	201	F	37.5		13.3	
	202	F	32		10.2	
	203	F	32.2		9.6	
	204	F	36.1		12.8	
	205	F	34.3		13.9	
	206	F	35.5		13.2	
	207	M	~~36~~		17.2	DIP
	208	F	33.1		10.8	
	209	F	35.4		11.7	

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5-19	210	F	35.2		14	SCALE 2-5
	211	F	32.0		—	
	212	F	33.5		10.2	
	213	F	26.5		5.7	
	214	F	~~24.8~~		4.8	green
	215	F	31.3		9.8	
	216	F	32.2		9.8	
	217	F	26.3		5.4	
	18	F	34.7		10.7	
	19	F	~~29.9~~		8.5	green
	20	F	32.5		9.7	2-6
	1	M	~~36.~~		16.3	
	2	M	~~34~~		14.2	
	3	M	~~35.4~~		16.2	
	4	M	~~37~~		19.2	
	5	M	~~35.4~~		17.	
	6	F	31.3		8.7	
	7	F	30.8		8.6	
	8	F	32.		9.6	
	9	F	33.2		9.5	
	30	F	33.		10.2	2-7
	1	F	31.4		10	
	2	F	30.6		9.2	
	3	F	28.7		7.7	
	4	F	33.1		10.8	
	5	F	22.3		3.4	
	6	F	32.8		9.9	
	7	F	33.1		10.1	
	8	F	31.2		8.5	
	9	F	33.2		11.4	
	40	F	25.2		4.9	2-8
	1	F	32.1		10.0	
	2	F	33.3		11.5	
	3	F	23.8		4.1	
	4	F	31.		8.1	
	5	F	33.7		10.3	
	6	F	33.8		10.6	
	7	F	30.3		7.7	
	8	F	25.1		4.5	
	9	F	34.9		11.7	
	50	F	31.1		8.5	2-8

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5/17	251	F	32.7		10.2	
	2	F	36.1		14.5	
	3	F	34.		11.3	
	4	F	30.7		7.9	
	5	F	33.5		12.1	
	6	M	~~33.7~~		12.9	
	7	F	~~37.4~~		13.2	SPAWNED OUT
	8	F	35.9		15.3	
	9	F	31.9		10.	
	60	F	38.		15.2	2-10
	1	F	33.3		9.1	
	2	M	~~41.5~~		24.	
	3	M	~~34.5~~		15.	
	4	M	~~33~~		12.4	
	5	F	34.1		10.6	
	6	F	30.		7.4	
	7	F	33.		11.1	
	8	F	33.1		10.3	
	9	F	32.7		11.	
	70	F	27.3		5.3	2-11
	1	F	33.5		10.6	
	2	F	27.5		6.1	
	3	F	26.2		5.3	
	4	F	36.6		13.6	
	5	F	31.2		9.2	
	6	F	32.		9.6	
	7	F	33.4		12.	
	8	F	32.4		10.	
	9	F	32.1		9.7	
	80	F	33.6		11.9	2-12
	1	F	31.7		9.	
	2	F	32.3		9.4	
	3	F	26.1		5.6	
	4	F	32.8		8.7	
	5	M	~~34.4~~		13.3	
	6	F	31.8		8.2	
	7	M	~~34.2~~		13.8	
	8	M	~~34.3~~		14.1	
	9	M	~~36.~~		16.3	
	90	M	~~35.7~~		15.9	2-13

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5/17	291	M	~~39.4~~		18.1	
	2	M	~~34.9~~		14.8	
5/17	293	M	~~34.7~~		14.3	
	4	F	~~24.5~~	.7.		D.P
	5	F	~~26.5~~	6.2		D.P
	6	F	~~33.2~~	11.8		D.P
	7	F	~~32.3~~	10.7		D.P
	298	F	~~33.1~~	13.7		D.P
						22 males
						9 Females - Bad
						104 ♀ Spawned
						1015.1 lbs / 106 ♀
						330.3 lbs / 22 ♂s

FALLS - K.11

TRIP 5

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5/17	68	F	~~27.8~~	5.6	5.6	green
	69	F	~~25.2~~	5.3		green
	70	F	34.3		12.4	1-7
	71	F	33.		10.5	
	2	F	26.		4.9	
	3	F	31.8		9.5	
	4	F	30.8		9.	
	5	F	33.3		10.5	
	6	F	25.1		4.6	
	7	F	34.		11.4	
	8	F	33.5		10.7	
	9	M	~~31.3~~		10.8	
	80	F	35.		12.	1-8
	1	F	34.2		11.8	
	2	F	31.8		8.3	
	3	M	~~34.~~		12.7	
	4	F	31.3		9.3	
	5	F	34.1		12.2	
	6	F	33.2		11.1	
	7	F	33.6		11.7	
	8	F	32.6		10.7	
	9	F	30.5		8.6	
	90	F	31.1		8.7	1-9
	1	F	31.7		10.1	
	2	F	31.4		9.3	
	3	F	30.9		7.8	
	4	F	31.8		9.7	
	5	F	34.		11.5	
	6	F	31.8		8.8	
	7	F	31.8		9.3	
	8	F	25.6		5.3	
	9	F	33.		11.9	

Falls +

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5-17	100	F	32		9.5	1-10
	1	F	32		9.5	
	2	F	28.1		6.4	
	3	F	34.3		12.	
	4	F	32.1		9.7	
	5	F	31.1		8.3	
	6	F	23.3		3.4	
	7	F	26.1		5.7	
	8	F	26.		5.6	
	9	F	33.2		11.4	
	110	F	34.2		12.9	1-11
	1	F	29.8		7.2	
	2	M	~~26.2~~		5.9	
	3	M	~~39.~~		18.	
	4	F	33.2		10.5	
	5	F	31.6		8.8	
	6	F	35.		12.2	
	7	M	~~29.2~~		7.3	
	8	M	~~35.2~~		14.3	
	9	M	~~39.5~~		16.7	
	120	M	~~29.8~~		8.1	1-12

8 males
2 ♀'s Bad
43 ♀ spawn.

93.8 lbs / 8 ♂

436.3 lbs / 46 ♀

Air Spawn in Building
SPRING'S
TRIB. 6

Lg Dirt ✓

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb. (Tag No. P)	Weight after Spawning, lb. (Tag No.)	REMARKS
5-18	108	F	30.5	305	311	Ventral
	109	F	33.8	309		
	110	F	34.2	310	311	
	111	M	~~38.4~~	311		Died in Pond (5-18)
	112	F	31.2	313	311	
	113	F	31.3	308	314	
	114	F	27.0	315		
	115	M	~~26.6~~	314		
	116	F	31.8	316	311	
	117	F	34.0	320	314	F4
	118	F	32.0	317	311	[illegible]
	119	F	34.0	319	314	
	120	F	31.5	322	311	
	121	F	32.0	321	314	
	122	F	33.8	323	311	
	123	F	26.4	325	314	
	124	F	32.0	324	311	
	125	F	24.5	326	318	
	126	M	~~27.7~~	318		Died in Pond 5-23
	127	F	31.6	328	311	
	128	F	27.2	312	318	
	129	M	~~35.6~~	331		DIP 5-23
	130	F	25.3	329	311	
	131	F	30.0	330	331	
	132	F	30.8	335	331	
	133	F	33.3	327	332	

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	Tag No F ~~Weight before Spawning, lb.~~	Tag No M ~~Weight after Spawning, lb.~~	REMARKS
5-18	134	M	~~37.0~~	332		DIP 6/1/71
	135	F	44.0	338	331	
	136	F	26.8	333	332	
	137	F	32.7	339	331	
	138	F	26.0	340	332	
	139	F	27.0		331 / 332	Spawned + Killed
	140	M	~~33.2~~	341		
	141	F	31.0	344	341	
	142	F	31.0	342	85	
	143	F	30.2	336	341	
	144	F	32.8	337	85	
	145	F	33.0	345	11	
	146	F	35.2	343	95	
	147	F	34.2	347	11	
	148	F	30.3	346	95	
	149	F	26.5		11 / 95	Spawned + Killed
	150	F	31.3	351	11	
	151	F	36.2	349	95	DIP - 6/1/71
	152	F	26.7	348	11	
	153	F	30.8	350	95	
	154	F	31.7	334	95	DIP 6/2
	155	F	32.9	354	341	
	156	F	35.8	357	355	DIP 5/28/71
	157	F	26.0	356	95	
	158	M	~~25.6~~	355		Died in Pond 5-29
(45)	159	F	31.2		95 / 355	Spawned + Killed
	160	F	33.7	360 (361)	95 / 355	DIP 6/2

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	~~Weight before Spawning, lb.~~ Tag # F	~~Weight after Spawning, lb.~~ Tag # M	REMARKS
5-18	161	F	25.0	361 (360)	95 - 355	
	162	F	29.8	359	95	
	163	F	27.0	352	355	
	164	F	32.8		95	spawned & Killed
					38	
	165	M	~~34.6~~			D.I.P.
	166	M	~~35.8~~	364		
	167	M	~~36.8~~	363		
	168	F	31.2	366	363	
				365	364	
	169	F	31.3			
	170	F	33.8	362	355	
	171					
	172					
	173					
	174					
	175					
	176					♂ ♀ 3c
	177					53 9 Sp.
	178					10 ♂
	179					(9 Tagged)
	180					
	181					
	182					
	183					
	184					
	185					
	186					

Lg Dist

Air Spawn in Pond
Sp.

Jaken

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	~~Weight before Spawning, lb.~~ Tag # F	~~Weight after Spawning, lb.~~ Tag # M	REMARKS
5/19	209	F	~~24.8~~			D.I.P.
	210	M	~~38.3~~			D.I.P.
	211	M	~~28.1~~			D.I.P.
	212	M	~~34.0~~			D.I.P.
	213	M	~~35.5~~			D.I.P.
	214	M	~~27.0~~			D.I.P.
	215	M	~~25.8~~			D.I.P.
	216	M	~~25.7~~			D.I.P.
	217	M	~~27.3~~			D.I.P.
	218	F	34.0	353	367	
	219	F	35.6	358	369	
	220	M	~~39.6~~	367		F4 DIP 6/2
	221	M	~~38.0~~	368		F4 DIP 5/27
	222	M	~~33.5~~	369		DIP 6/1
	223	F	33.2	370	367	
	224	F	34.4	371	369	F1
	225	F	26.5	372	367	
	226	F	24.2	373	369	
	227	F	35.2	374	367	
	228	F	35.0	375	369	
	229	F	32.3		377	spawned + Killed
	230	F	33.2	379	367	
	231	F	32.1	376	367	
					377	F1

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	Tag # F ~~Weight before Spawning, lb.~~	Tag # M ~~Weight after Spawning, lb.~~	REMARKS
5-19	232	M	~~34.8~~		377	DIP 5/30
	233	M	~~34.0~~		378	
	234	F	32.3	380	369	
	235	F	35.0	381	367	
	236	M	~~35.8~~	382		DIP 5/30
	237	M	~~38.8~~	383		DIP 6/1
	238	F	35.8	384	383	F1
	239	F	33.0	385	382	
	240	M	~~35.0~~		386	F1
	241	M	~~34.0~~		387	
	242	M	~~33.5~~		388	F1 DIP 6/1/71
	243	F	32.5	389	388	
	244	F	34.8	390	387	
	245	F	34.1	391	387	F1
	246	F	32.2	392	~~388~~	F3 DIP 6/1/71
	247	F	31.0		388	spawned + killed
	248	M	~~35.0~~		386	
	249	M	~~38.5~~		393	F2
	250	F	26.0	395	394	F2
	251	F	26.0	396	383	
22	252	F	~~25.5~~		386	D.I.P.
	253	F	26.0	397	386	
	254	F	31.8	398	393	

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5-19	255	F	31.8	399	393	
	256	F	31.5	400	386	
	257	F	30.0		388	spawned & killed
	258	F	35.2	405	394	
	259	F	33.3	401	388	
	260	F	33.6	402	394	F1
	261	F	33.2	403	388	F1
	262	F	32.7	404	388	F1
	263	F	33.2	406	393	F1
	264	F	31.5	407	393	
	265	F	33.6	408	388	F1
	266	F	31.0	409	393	
	267	F	32.8	410	388	
	268	M	~~25.6~~		411	
	269	M	~~27.7~~		412	
	270	M	~~33.7~~		414	
	271	F	25.3	413	~~474~~	F1 DIP 6/1
	272	F	31.3	415	412	
	273	F	34.3	416	412	
	274	F	29.9	417	414	
4D	275	F	27.1	418	412	
	276	F	30.7	419	414	

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
	277	F	35.7	420	412	
	278	F	33.0	421	414	
	279	F	30.6	422	412	F1
	280	F	32.8	423	414	
	281					
	282					47 ♀ Spawned
	283					2 ♀ DIP
	284					
	285					23 ♂
	286					72
	287					
	288					
	289					
	290					

Table 8
Pitt Springs

121

Lg. Dist. ✓

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5-24	299	F	32.9		9.3	
	300	F	31.0		8.8	2-14 scale
	301	F	33.5		10.2	
	302	F	35.3		11.7	
	303	M	~~37.4~~		16.8	
	304	M	~~35.6~~		13.6	
	305	M	~~39.2~~		21.0	
	306	M	~~36.1~~		16.5	
	307	F	33.4		10.5	
	308	F	33.2		10.6	
	309	F	34.3		11.9	
	310	F	32.2		8.8	scale 2-15
	311	M	~~35.6~~		19.0	
	312	M	~~35.6~~		16.0	
	313	M	~~34.6~~		13.7	
	314	M	~~29.8~~		5.9	
	315	M	~~32.4~~		11.0	
	316	M	~~36.7~~		18.0	
	317	F	31.3		9.3	
	318	F	33.9		11.4	
	319	F	31.0		8.6	
	320	F	27.9		6.0	scale 2-16
	321	F	29.3		7.1	
	322	F	31.2		8.3	
	323	F	33.2		12.0	
	324	F	31.5		9.2	
	325	F	33.3		9.5	
	326	F	25.3		5.1	
	327	F	32.0		9.0	
	328	F	25.8		5.3	
	329	F	31.2		7.8	
	330	F	31.0		9.0	scale 2-17

95
49
96

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5/24	331	F	31.7		9.0	
	332	F	25.0		4.9	
	333	F	34.0		11.2	
	334	M	~~23.8~~		4.9	
	335	F	33.4		9.5	
	336	F	31.8		8.8	
	337	F	33.3		11.0	
	338	F	28.8		8.0	
	339	F	25.7		4.8	
	340	F	32.2	10.7	[illegible]	scale 2-18 D.I.P.
	341	F	25.5		5.3	
	342	F	~~30.9~~	8.4	[illegible]	D.I.P.
	343	M	~~32.4~~		11.9	
	344	M	~~29.8~~		5.7	
	345	M	~~40.6~~		22.1	
	346	F	29.3		6.6	
	347	F	25.8		4.8	
	348	F	24.6		4.3	
	349	M	~~40.8~~		22.5	
	350	F	25.0		4.6	Scale 2-19
	351	M	~~28.5~~		8.2	
	352	F	29.7		8.2	
	353	F	34.6		11.8	
	354	F	33.8		12.4	
	355	F	31.2		8.7	
	356	F	31.4		9.0	
	357	M	~~39.5~~		18.8	
	358	M	~~26.2~~		7.0	
	359	F	24.2		4.1	
	360	F	26.1		6.0	Scale 2-20
	361	M	~~27.5~~		7.6	
	362	M	~~34.7~~		15.3	
	363	M	~~34.8~~		15.8	

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5/24	364	M	~~27.0~~		6.5	
	365	M	~~34.6~~		13.1	
	366	M	~~40.0~~		20.0	
	367	F	29.2		7.5	
	368	F	33.2		11.7	
	369	F	32.4		10.0	
	370	M	~~35.1~~		15.0	
	371	F	25.8		4.8	
	372	F	31.1		8.2	
	373	M	~~34.4~~		14.9	
	374	M	~~36.5~~		16.0	
	375	M	~~35.2~~		14.9	
						28 ♂
						1 Bad ♀
						48 ♀ Spawned
						409.6 lbs / 48 ♀
						390.7 / 28 ♂

TAKE 8
FALLS

C-56
C-5a

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5-24	121	F	29.2		7.7	
	122	F G	~~33.2~~	12.6		GREEN
	123	F	~~30.8~~	9.3		GREEN
	124	F	~~35.6~~	16.1		D.I.P.
	125	F	26.2		5.1	
	126	F	24.4		4.4	
	127	F	26.1		4.8	
	128	F	33.9		10.7	
	129	F	34.6		12.9	
	130	F	34.0		12.0	Scale 1-13
	131	M	~~19.7~~	2.1		
	132	F	30.5		7.4	
	133	F	34.5		12.4	
	134	F	25.2		4.6	
	135	F	34.6		12.2	
	136	F	25.7		4.8	
	137	F	28.1		6.8	
	138	F	23.8		4.0	
	139	F	33.1		12.2	
	140	F	27.1		6.5	SCALE 1-14
	141	F	32.1		10.1	
	142	F	25.1		4.0	
	143	M	~~26.3~~	6.5		
	144	F	27.1		6.0	
	145	M	~~26.4~~	6.1		
	146	M	~~29.2~~	8.3		
	147	M	~~25.8~~	6.0		
	148	F	26.8		6.0	
	149	M	~~22.2~~	3.6		
	150	M	~~37.4~~	16.3		Scale 1-15
	151	M	~~26.2~~	6.9		
	152	F	23.3	[illegible]	3.6	
	153	F	31.5		9.8	
	154	F	32.0		8.9	
	155	F	27.1		5.9	

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5/24	156	F	31.5		9.0	
	157	F	31.9		10.3	
	158	F	32.3		10.1	
	159	F	32.5		10.0	
	160	F	34.5		12.2	scale 1-16
	161					
	162					
	163					
	164					
						8 ♂
						3 bad ♀
						29 ♀ Spawned
						272.4 lbs / 32 ♀
						55.8 / 8 ♂

AIR SPAWN IN BUILDING

TAKE 9.

Lg Dist. ✓

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	~~Weight before Spawning, lb.~~ Tag # F	~~Weight after Spawning, lb.~~ Tag # M.	REMARKS	
5-25	171	M	~~27.7~~		424	PIP 5/30	
	172	M	~~26.0~~		425		
	173	M	~~26.8~~		427		
	174	F	32.6	426	425		
	175	F	31.7	428	11		
	176	M	~~26.6~~		429	F1	
	177	M	~~24.5~~		433		
	178	F	30.1	435	11		329
	179	F	26.2	434	429		435
	180	F	34.1	431	433		434
	181	F	30.6	436	435		429
	182	M	~~28.0~~		430		431
	183	F	30.8	437	100		436
	184	F	32.9	432	11		433
	185	F	31.2	440	11	F1	435
	186	F	25.2	439	100		430
	187	M	~~27.0~~		438	GREEN	437
	188	M	~~27.2~~		441	GREEN	432
	189	M	~~26.5~~		442	GREEN	440
	190	M	~~27.0~~		443	GREEN	439
	191	M	~~26.8~~		444	GREEN	438
	192	M	~~26.2~~		445		441
	193	M	~~36.6~~		447	F5 - Died 5/30	442
	194	F	32.1	446	447	F5 — 11 F4 — 100	443
	195	F	33.0	449	424		444
	196	F	31.0	448	447 364	Spawn & Killed	445
	197	M	~~28.0~~		448	GREEN	449
	198	M	~~30.5~~		450		448
	199	F	26.2	454	364		454
	200	F	25.1	456	447		456
	201	M	~~26.8~~		457	GREEN	457
	202	F	32.8	453	447		453
	203	F	32.2	455	364	F1	

17

F 366

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	~~Weight before Spawning, lb.~~ TAG # F	~~Weight after Spawning, lb.~~ TAG # M	REMARKS	
5/25	204	F	30.2	459	364		459
	205	F	32.0	451	447		451
	206	M	~~26.5~~		458	F2	~~F4 447~~
	207	F	32.0	452	364	F2	452 461
	208	F	38.0	461	447		460
	209	M	~~24.0~~		460		F2 - 458
	210	F	32.5		364 447	Spawn & Kill	F1 - 450 F1 - 85
	211	M	~~26.6~~		462		F1 - 8
	212	M	~~33.2~~		463		F2 - 364
	213	M	~~35.2~~		465	F-1	467
	214	M	~~36.5~~		464		464
	215	M	~~27.6~~		466	F-4	469 471
	216	F	31.3	467	463		F3 - 363
	217	F	25.2	468	465		473
	218	M	~~32.8~~		470	F-4 DIP 6/1/71	476
	219	F	35.5	469	470		462 475
	220	F	31.3	471	363	F-2	472
	221	F	31.0	473	462		474
	222	F	31.5	476	466		477
	223	F	23.7	475	465		466 481
	224	F	26.3	472	470	F-2	478
	225	F	27.7	474	466		
	226	F	31.2	477	465		
	227	M	~~26.7~~		478		
	228	F	34.6	481	332	F-2	
	229	F	35.2	484	465		
	230	M	~~27.1~~		482	F-1	

17

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	~~Weight before Spawning, lb.~~ Tag # F	~~Weight after Spawning, lb.~~ Tag # M	REMARKS	
5/25	231	F	31.0	485	332		485
	232	F	31.0	479	482	F3	479
							480
	233	F	29.9	480	463		488
	234	F	34.2	488	332	F-1	487
							484
	235	F	31.2	487	463		490
	236	F	26.2	489	332		493
	237	M	~~25.6~~		492		494
	238	F	32.2	490	332	F-1	483
	239	F	35.0	493	463	F-1	
	240	F	24.2	494	482		
	241	F	24.0	483	492		
	242	F	33.2	497	332		
	243	F	32.4	495	463		
	244	F	33.3	496	470		
	245	F	34.0	491			

27 ♂.

48 ♀

Ø ♀ Sub

Lg Dist. ✓

Table 10
Air Spawn
in Pond

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Tag # F ~~Weight before Spawning, lb.~~	Tag # M ~~Weight after Spawning, lb.~~	REMARKS
5/26	281	M	~~35.6~~			D.I.P.
	282	F	~~31.6~~			D.I.P.
	283	F	31.6	498		
	284	F	33.1	486		
	285	F	32.6	500		
	286	F	32.5	499		
	287	M	~~27.0~~		502	F-2
	288	M	~~28.2~~		503	F-2
	289	F	33.2	504		
	290	F	27.2	501		
	291	F	~~33.3~~	505		Spawned Out
	292	F	32.3	506		
	293	F	25.8	507		F-1
	294	F	32.6	508		F-3
	295	F	35.7	509		
	296	M	~~26.0~~			
	297	M	~~26.5~~			
	298	M	~~34.5~~			
	299	F	31.2		503	Spawned & Killed
	300	M	~~31.8~~		514	F-2
	301	M	~~33.8~~			
	302	M	~~33.5~~			
	303	F	33.6	510	502	
	304	F	26.7	511		
	305	M	~~31.5~~		512	F-3
	306	M	~~37.0~~			
	307	M	~~35.1~~		512	F1
	308	F	30.4	513	512	F-1
	309	F	24.7	515		Dead 5/26
		17F				

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	~~Weight before Spawning, lb.~~ Tag # F	~~Weight after Spawning, lb.~~ Tag # M	REMARKS
5/26	310	F	24.2	516	502	
	311	F	27.1	517	512	
	312	F	26.3	518	512	F-1
	313	F	32.0	519	514	F-2
	314	M	~~27.3~~		525	
	315	F	32.5		512	Spawned & Killed
	316	M	~~26.0~~		522	
	317	M	~~25.7~~		523	
	318	M	~~31.0~~			
	319	F	25.5	524	526	
	320	F	34.6	520	527	F-1
	321	M	~~28.6~~		526	
	322	M	~~27.8~~		527	F-2
	323	M	~~36.0~~		528	
	324	M	~~28.8~~		529	F-1
	325	M	~~27.0~~		530	
	326	F	33.4		529 528	Spawned & Killed Right Ventral clip
	327	F	25.2	535	528	
	328	F	32.6	534	522	F-1
	329	F	31.6	536	528	F-2
	330	F	32.6	537	522	F-1
	331	F	25.2	532	528	
	332	F	32.9	533	529	
	333	F	34.0	531	528 Scaly male	F-3
	334	F	26.6	538		
	335	F	32.3	540		
	336	F	35.0	541	529 Scaly male	F-2

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	Tag # F ~~Weight before Spawning, lb.~~	Tag # M ~~Weight after Spawning, lb.~~	REMARKS
5/26	337	F	27.8	542	528 scaby male	F-1
	338	F	32.7	543		
	339	F	35.6	544		
	340	F	26.5	545	527 scaby male	
	341	F	30.5	546	scaby male	
	342	F	23.7	547	526	
	343	F	25.1	548	scaby male	
	344	F	34.4	551	527	F-1
	345	F	32.0	549	scaby male	
	346	F	31.6	550	530	
	347	F	32.2	552	scaby male	F-1
	348	F	33.5	553	527	F-1
	349	F	34.2	554	567 scaby male	F-2
	350	F	32.3	555		
	351	M	~~33.0~~		556	
	352	F	24.4	557	556	
	353	F	33.8	558	526	
	354	F	32.3	560	556	F-1
	355	F	31.9	559		Died 5/26
	356	F	26.5	562	~~567~~	Died 5/26
	357	F	33.8	563	556	
	358	M	~~25.9~~		567	
	359	F	25.7	564	556	F-1
	360	F	24.9	565	527	
	361	M	~~37.0~~			

24 ♂
2 Bad ♀
55 ♀ Spawned.

25:-25.9

UP

TAIL 11
SPRINGS
12,11

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
6-1-71	376	F	~~28.5~~	6.3		Green
	377	F	~~34.2~~	15.0		Green.
	378	F	30.2		8.6	
	379	F	32.8		11.4	
	380	F	33.2		10.5	Scale 3-1
	381	F	25.2		4.8	
	382	F	33.6		10.0	
	383	F	30.8		9.0	
	384	F	33.6		11.0	
	385	F	25.3		4.4	
	386	F	30.1		7.8	
	387	F	26.5		5.3	
	388	F	26.6		5.8	
	389	F	26.2		5.4	
	390	F	25.5		5.4	Scale 3-2
	391	F	27.6		5.8	
	392	F	26.0		4.8	
	393	F	27.7		7.7	
	394	M	~~33.2~~		11.8	
	395	F	32.0		9.4	
	396	F	32.0		9.7	
	397	F	34.1		11.3	
	398	F	33.2		12.0	
	399	F	24.6		5.0	
	400	F	34.2		11.9	Scale 3-3
	401	F	33.0		11.7	
	402	F	34.2		11.6	
	403	F	24.9		4.6	
	404	F	26.3		5.5	
	405	F	37.0		9.0	

27
26 recd

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
6/1/71	406	F	24.2		3.8	
	407	F	26.6		5.4	
	408	F	34.9		12.5	
	409	F	32.2		9.7	
	410	F	31.8		9.0	Scale 3-4
	411	F	34.0		11.7	
	412	M	~~28.0~~		7.4	
	413	F	32.2		9.9	
	414	F	25.8		5.1	
	415	F	25.1		4.8	
	416	F	25.9		5.5	
	417	F	34.2		11.3	
	418	M	~~27.2~~		7.0	
	419	M	~~29.9~~		6.1	
	420	F	33.8		10.2	Scale 3-5
	421	F	32.3		10.2	
	422	F	~~32.9~~	11.0		Green
	423	F	33.3		10.1	
	424	F	34.0		11.0	
	425	F	29.5		4.0	
	426	F	31.5		8.0	
	427	F	25.5		5.1	
	428	F	29.2		6.7	
	429	F	34.2		11.5	
	430	F	25.7		5.3	Scale 3-6
	431	F	25.2		4.8	
	432	F	34.0		12.6	
	433	F	26.1		5.3	
	434	F	25.8		6.0	
	435	F	25.9		5.3	

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
	436	F	33.0		11.7	
	437	F	25.6		5.2	
	438	F	32.4		9.4	
	439	M	~~31.9~~	10.6		
	440	M	~~32.8~~	12.0		Scale 3-7
	441	M	~~27.2~~	7.6		
	442	M	~~24.5~~	6.0		
	443	M	~~36.2~~	14.4		
	444	M	~~27.0~~	7.0		
	445	M	~~27.6~~	7.0		
	446	M	~~35.8~~	15.8		
	447	M	~~28.4~~	7.8		
	448	M	~~34.4~~	13.2		
	449	M	~~35.3~~	15.0		
	450	M	~~27.6~~	8.2		
	451	M	~~35.6~~	17.0		Scale 3-8
	452	M	~~26.8~~	6.9		
	453	M	~~37.5~~	12.2		
	454	M	~~35.8~~	16.2		
	455	F	25.0	5.9		
—	456	F	29.8	5.0	tag returned	10/19/71 2♀ ♂
	457	M	~~27.4~~	7.2		3 Jack ♀
	458	F	32.0	11.3		59 ♀ Spawn 1
						83
						494.2 lbs / 61.9 — 196.3 / 19.8

Trap 11
Falls – K.11

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
6/1/71	161	F	32.5		9.4	
	162	M	~~34.8~~	14.4		
	163	M	~~34.5~~	12.9		
	164	M	~~29.6~~	8.2		
	165	F	26.1		5.1	
	166	M	~~27.0~~	7.0		
	167	F	33.6		11.3	
	168	M	~~27.2~~	6.8		
	169	F	24.9		4.8	
	170	M	~~25.7~~	5.4		
	171	M	~~28.3~~	7.8		
	172	F	26.3		5.1	
	173	M	~~27.2~~	7.4		
	174	M	~~27.0~~	7.2		
	175	F	33.0		9.7	
	176	M	~~24.4~~	5.3		
	177	F	32.2		9.1	110.3 lb / 15 ♀ 109.8 / 12 ♂
	178	F	33.2		9.9	
	179	F	25.6		5.0	
	180	M	~~28.3~~	8.1		
	181	F	27.2		5.9	12 ♂
	182	F	24.7		4.5	2 bad ♀
	183	F	26.1		4.9	14 ♀ spawned
	184	F	22.7		3.2	
	185	F	31.8		9.1	
	186	M	~~35.1~~	14.3		
	187	F	~~32.6~~	12.2		GREEN
	188	F	~~27.8~~	5.9		GREEN

TAKE T2
AIR SPAWN
INSIDE

JR

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	~~Weight before Spawning, lb.~~ Tag # F	~~Weight after Spawning, lb.~~ Tag # M	REMARKS	
6-2	246	M	~~26.0~~		566	F-3	571
	247	M	~~34.8~~		568	F-4	569
	248	F	24.5	571	568		305
	249	F	30.7	569	566		573
	250	F	33.0	573	568	F-1	577
	251	F	34.3	577	566	F-3	568
	252	F	31.0	578	566	F-1	578
	253	F	33.0	576	M	F-1	576
	254	M	~~34.5~~				578
	255	F	32.5	578	566	F-2	580
	256	F	31.7	580	M	F-1	579
	257	F	32.0	579	M	F-2	574
	258	F	26.7	574	M	F-3	572
	259	F	27.4	575	566		583
	260	F	26.0	572	584		585
	261	M	~~29.5~~		584	F-3	584
	262	F	34.5	583	584	F-3	586
	263	F	34.0	585	566		588
	264	F	27.0	586	M	F-1	M
	265	F	25.7	588	566	F-3	582
	266	M	~~35.0~~				581
	267	M	~~27.2~~		590		587
	268	M	~~26.3~~		589	F-3	594
	269	F	23.3	———	589 566	SPAWN & KILL	590
	270	F	22.7	582	566		
	271	F	25.7	581	590	F-1	
	272	F	25.0	587	590		
	273	F	26.0	594	566	F-3	
	274	M	~~34.1~~		596		
	275	M	~~27.7~~		591	F-1	
	276	M	~~29.7~~		597	F-5	

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	~~Weight before Spawning, lb.~~ Tag # F	~~Weight after Spawning, lb.~~ Tag # M	REMARKS	
6/2/71	277	M	~~27.8~~		593	F-4	598
	278	F	32.0	598	591	F-3	596
	279	F	25.1	596	593	F-2	600
	280	F	27.0	600	597	F-1	602
	281	F	33.7	602	589		566
	282	F	29.5	599	593	F-1	599
	283	F	28.6	592	566	F-2	592
	284	F	30.4	603	597	F-1	603
	285	F	33.4	604	589	F-2	604
	286	F	33.6	607	593	F-2	607
	287	F	32.0	606	591	F-3	606
	288	F	27.4	609	597	F-1	609
	289	F	24.5	608	589	F-5	608
	290	M	~~26.8~~		605	F-1	589
	291	F	29.5		591	Spawn & Kill	613
					605		610
	293	F	31.2	613	597	F-5	611
	294	F	24.2	610	591	F-1	615
	295	F	33.0	611	593	F-4	614
	296	F	27.0	615	605	F-1	595
	297	F	26.1	614	591		618
	298	F	32.5	595	597	F-2	616
	299	F	30.7	618	605	F-2	620
	300	F	26.2	616	591	F-1	617
	301	F	25.6	620	605	F-2	612
	302	F	26.4	617	597	F-1	619
	303	F	27.5	612	592	F-2	593
	304	F	26.3	619	597		605
	305	F	25.6		M	Spawn & Kill	591
	306	M	~~29.8~~		M		
	307	M	~~29.9~~				

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Tag # F ~~Weight before Spawning, lb.~~	Tag # M ~~Weight after Spawning, lb.~~	REMARKS	
6/2/71	308	M	~~35.2~~		627	F-2	621
	309	F	26.0	621	626 628		626
	310	M	~~26.7~~		626	F-1	624 629
	311	F	26.2	624		F-1	622
	312	M	~~32.5~~		628	F-1	627
	313	F	31.2	629	627		632 636
	314	F	25.2	622	628	F-1	630
	315	M	~~27.0~~		634	F-3	635 637
	316	M	~~26.0~~		631	F-3	638
	317	F	26.6	632	634		640
	318	F	25.2	636	631	F-1	641
	319	M	~~27.7~~		633	F-1	643
	320	F	30.9	630	628	F-2	644
	321	F	24.6	635	634	F-1	645 646
	322	F	32.5	637	631	F-2	650
	323	F	33.3	638	634	F-1	633
	324	M	~~26.5~~		639	F-2	649
	325	F	29.2	640	628		631
	326	F	26.5	641	639	F-2	M
	327	M	~~25.6~~		642		634
	328	F	30.2	643	634	F-2	628
	329	F	36.2	644	633	F-1	640
	330	F	25.3	645	631	F-1	639
	331	F	31.2	646	642	F-2	
	332	M	~~32.7~~		648	F-1	
	333	F	25.3	650	648	F-1	
	334	F	33.4	649	633		
	335	F	32.2		639 628	Spawn & Kill	

23 ♂'s
67 ♀s Spawned

JR

Take 13

Air Spawn - Pond

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	~~Weight before Spawning, lb.~~ Tag # F	~~Weight after Spawning, lb.~~ Tag # M	REMARKS
6-3-71	362	M	~~29.5~~			D.I.P.
	363	M	~~35.6~~			D.I.P.
	364	M	~~36.0~~			D.I.P.
	365	M	~~26.0~~			D.I.P.
	366	M	~~25.1~~			D.I.P.
	367	M	~~33.7~~			D.I.P.
	368	M	~~26.4~~			D.I.P.
	369	M	~~26.8~~			D.I.P.
	370	M	~~27.0~~			D.I.P.
	371	M	~~28.4~~			D.I.P.
	372	M	~~26.0~~			D.I.P.
	373	M	~~27.3~~			D.I.P.
	374	M	~~32.5~~			D.I.P.
	375	M	~~33.1~~		647	F-2
	376	F	34.4	652	M	F-1
	377	F	31.0	651	M	F-1
	378	F	26.2	653	M	
	379	F	32.5	654	M	F-3
	380	F	26.8	655	M	
	381	F	31.2	656	M	F-1
	382	F	33.8	657	M	F-2
	383	F	32.6	658	M	F-1
	384	F	33.0	659	M	F-2
	385	F	32.1	660	M	F-1
	386	F	26.8	661	M	F-1 No Eggs
	387	F	~~34.6~~		M	Spawn & Kill
	388	F	27.2	662	M	F-1
	389	F	26.3	665	647	F-1
	390	F	30.0	663	M	F-2
	391	F	31.2	664	647	F-2
	392	F	26.6	666	647	
	393	F	32.0	667	M	F-1
	394	M	~~28.2~~			
	395	M	~~26.0~~			
	396	M	~~37.2~~			
	397	M	~~37.2~~			

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	~~Weight before Spawning, lb.~~ Tag # F	~~Weight after Spawning, lb.~~ Tag # M	REMARKS
6/3/71	398	F	32.0	672	669	F-2
	399	F	33.4	668	670	
	400	M	~~37.6~~		669	F-2
	401	M	~~28.3~~		670	F-1
	402	M	~~26.2~~		671	F-1
	403	M	~~24.3~~		673	F-2
	404	F	33.5	674	672	F-1
	405	F	32.3	675	671	F-1
	406	F	31.0	676	669	
	407	F	30.8	677	671	F-1
	408	F	31.5	678	669	F-5
	409	F	25.7	679	673	F-5
	410	F	31.2	680	669	F-4
	411	F	28.6	681	671	F-1
	412	F	31.8	682	673	F-3
	413	F	30.4	683	670	F-2
	414	F	31.6	684	669	F-3
	415	F	25.0	685	673	F-3
	416	F	23.8	686	670	F-1
	417	F	34.0	687	688	F-1
	418	M	~~35.9~~		688	F-1
	419	F	31.6		688 669	Spawn & Kill
	420	M	~~25.3~~		669	F-3
	421	F	29.0	694	673	
	422	F	31.2	690	689	F-1
	423	F	31.2	691	688	F-1
	424	F	36.7	692	669	F-1
	425	F	27.2	693	673	F-1
	426	F	24.9	695	689	
	427	F	35.7	696	669	F-3
	428	F	29.6	697	688	F-1

25
17
42

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	~~Weight before Spawning, lb.~~ Tag # F	~~Weight after Spawning, lb.~~ Tag # M	REMARKS
6/3/71	429	F	32.3	698	689	F-3
	430	F	31.0	699	672	F-3
	431	M	~~27.6~~		700	F-2
	432	F	24.2	701	700	F-1
	433	F	23.0	702	689	F-4
	434	F	32.2	703	688	F-3
	435	F	24.2	704	669	
	436	F	24.0	705	669	F-1
	437	F	31.6	706	700	F-1
	438	M	~~26.2~~		707	
	439	F	26.2		688 700	Spawn & Kill

26 ♂
1 Bad
51 ♀ Spawned

628

Take 14
Springs
Kill

Fams 189

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS	Tagged Return
6-9-71	459	F	31.8		8.8		591
	460	F	32.3		9.8	Scale 3-9	581
	461	F	28.0		6.5	Scale 3-10	585
	462	F	24.2		10.9	Scale 3-11	459 474
	463	F	25.8		4.7		566
	464	F	22.5		3.0		643
	465	F	27.6		6.2	Scale 3-12	607 650
	466	F	29.0		6.9		602
	467	F	30.3		7.9	Scale 3-13	457
	468	F	33.9		7.1	Scale 3-14	637
	469	F	32.6		10.0	Scale 3-15	442
	470	M	~~33.9~~	13.7			626
	471	M	~~32.5~~	10.7			430 ~~592~~
	472	F	31.5		9.8	Scale 3-16	484
	473	F	31.5		8.0		622
	474	F	31.5		8.2	Scale 3-17	477 610
	475	F	25.5		4.6		
	476	F	25.2		4.8		
	477	M	~~26.0~~	6.1			
	478	F	26.7		5.7		
	479	M	~~25.9~~	5.6			
	480	F	31.0		9.3	Scale 3-18	
	481	M	~~25.8~~	~~7.0~~		D.I.P.	
	482	M	~~34.2~~	~~12.0~~		D.I.P. Tag# 310	
	483	M	~~34.8~~			D.I.P.	
	484	M	~~26.3~~			D.I.P.	
	485	M	~~22.7~~			D.I.P.	
	486	M	~~25.0~~			D.I.P.	
	487	M	~~24.0~~			D.I.P.	
	488	M	~~26.0~~			D.I.P.	
	489	M	~~27.0~~			D.I.P	

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
6/9/71	490	M	~~30.0~~			D.I.P.
	491	F	24.9		4.0	
	492	M	~~29.0~~			D.I.P.
	493	F	33.3		11.0	Scale 3-19
	494	M	~~29.4~~			D.I.P.
	495	F	32.9		12.0	
	496	F	~~33.2~~			D.I.P.
	497	F	26.0		5.0	
	498	F	25.1		4.6	
	499	F	27.0		6.4	
	500	F	32.0		10.6	
	501	M	~~26.1~~			D.I.P.
	502	F	37.6		15.8	Scale 3-20
	503	M	~~26.4~~			D.I.P.
	504	F	32.2		9.7	
	505	F	33.1		10.5	
	506	F	27.0		5.2	
	507	F	34.0		11.2	
	508	F	26.8		5.6	
	509	F	33.0		10.8	
	510	F	26.6		6.0	
	511	F	24.2		3.5	
	512	F	24.8		3.9	
	513	F	26.5		5.4	
	514	F	26.0		5.0	
	515	F	26.3		5.1	
	516	F	24.9		4.7	
	517	F	30.8		8.3	
	518	F	30.9		8.8	
	519	F	~~25.9~~	8.5		GREEN
	520	F	35.2		11.3	
	521	M	~~25.5~~			D.I.P.
	522	F	27.1		5.6	
	523	F	26.1		5.0	

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
5/9/71	524	M	~~24.7~~			D. 1.7.
	525	F	~~29.2~~			D. 1.7
	526	F	25.3		5.0	
	527	F	27.2		6.0	
	528	M	~~28.6~~	8.0		
	529	M	~~27.1~~	6.7		
	530	F	35.0		12.8	
	531	M	~~24.5~~	4.9		
	532	F	26.0		5.3	
	533	F	26.2		4.5	
	534	F	34.0		11.1	
	535	F	23.1		3.7	
	536	F	25.3		4.8	
	537	M	~~21.8~~	3.3		
	538	M	~~37.6~~	17.3		
	539	M	~~33.3~~	16.0		
	540	M	~~29.7~~	10.0		

26 ♂
4 BAD ♀
52 ♀ SPAWNED

388.9 lbs / 53 ♀

121.3 lbs / 13 ♂

Falls

Falls Killed

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
6/9/71	189	M	~~29.1~~			D. I. P.
	190	F	32.5		10.9	Scale 1-17
	191	F	25.0		4.3	Scale 1-18
	192	F	27.4		6.0	
	193	F	33.0		10.4	Scale 1-19
	194	F	~~27.1~~	6.8		GREEN.
	195	F	26.5		5.6	
	196	F	27.2		6.1	
	197	F	29.8		8.1	
	198	F	32.9		10.0	Scale 1-20
	199	F	23.2		4.0	
	200	F	32.5		11.4	
	201	F	25.2		4.7	
	202	F	26.0		5.3	
	203	F	~~29.2~~	8.3		GREEN
	204	M	~~24.0~~			D.I.P.
	205	M	~~28.2~~			D.I.P.
	206	F	24.0		4.0	
	207	F	33.2		10.1	
	208	F	26.1		5.5	
	209	M	~~28.9~~	8.8		
	210	M	~~27.5~~	6.1		
	211	M	~~28.1~~	7.3		
	212	M	~~26.8~~	6.3		
	213	M	~~26.1~~	6.2		
	214	M	~~26.6~~	5.9		10 ♂
	215	M	~~27.5~~	7.5		2 Bad ♀
						15 ♀ Spawned
						121.5 lbs / 17 ♀
						48.1 / 7 ♂

Trk 15

Air Spawn in Bldg.

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	~~Weight before Spawning, lb.~~ Tag # F	~~Weight after Spawning, lb.~~ Tag # M	REMARKS
6-10	336	M	~~27.6~~		709	F-2
	337	M	~~30.7~~		708	F-2
	338	M	~~28.9~~		710	F-3
	339	F	33.0	711	710	
	340	F	33.1	712	708	F-5
	341	F	30.5	713	709	F-4
	342	F	31.8	714	708	F-5
	343	F	26.0	716	710	F-4
	344	F	27.8	718	709	F-2
	345	M	~~26.5~~		715	
	346	M	~~29.7~~		719	
	347	F	30.5		715 719 8.2	SPAWNED & KILLED
	348	M	~~24.5~~		717	
	349	F	31.7	720	~~715~~	F-4
	350	F	26.0	721	709	F-5
	351	F	32.8	722	719	F-3
	352	F	28.0	723	710	F-3
	353	F	33.0	724	719	F-3
	354	F	35.0	725	709	F-5 NIT.
	355	M	~~25.9~~		726	
	356	F	32.7	727	M	F-2
	357	F	31.1	728	M	F-2
	358	F	32.7	729	M	F-2
	359	F	26.6	730	M	F-5
	360	M	~~28.1~~		731	
	361	M	~~25.4~~		732	F-5
	362	M	~~25.5~~		733	F-5
	363	F	25.0			NIT.
	364	M	~~26.8~~			
	365	M	~~34.0~~			
	366	F	25.0			Both Ventrals
	367	F	26.2	734	732 731	F 3

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	Tag # F ~~Weight before Spawning, lb.~~	Tag # M ~~Weight after Spawning, lb.~~	REMARKS
6/10/71	368	F	38.0	735	732	F-4
	369	F	~~36.2~~			Bad
	370	F	35.8	737	733	
	371	F	25.0	738	717	F-2
	372	F	31.0	736	732	F-5
	373	M	~~26.0~~			
	374	M	~~24.7~~		739	
	375	F	32.8	740	M	F-3
	376	F	25.2	741	739	F-3
	377	F	25.9	742	739	F-2
	378	F	31.3	743	M	F-2
	379	F	24.3	744	M	F-2
	380	F	34.0	746	739	F-3
	381	M	~~25.6~~		745	F-2
	382	F	26.7	747	739	F-2
	383	F	33.2	748	745	F-4
	384	M	~~29.6~~		749	
	385	F	32.3	750	M	F-3
	386	F	25.4	751	745	F-5
	387	F	26.5		6 lb M+M	Spawned & Killed NIT.
	388	M	~~29.7~~			
	389	F	24.9	752	M	
	390	F	26.8	753	739	F-1
	391	M	~~26.4~~		754	F-1
	392	M	~~29.5~~			
	393	M	~~24.3~~			

20 ♂
1 Bad ♀

37 ♀ Spawned

Air Spawn Pond

Dworshak National Fish Hatchery
ADULT RECORD

Tag # F Tag # M

Date	Number	Sex	Length, fork Inches	~~Weight before Spawning, lb.~~	~~Weight after Spawning, lb.~~	REMARKS
6-11	440	M	~~28~~			
	441	M	~~26~~			
	442	M	~~27~~			
	443	M	~~25~~			
	444	M	~~24~~			
	445	M	~~26~~			
	446	M	~~33~~			
	447	M	~~27~~	D.I.P.		
	448	F	~~34~~			
	449	F	~~26~~			
	450	M	~~27.5~~			
	451	M	~~26~~			
	452	M	~~25~~			
	453	M	~~29~~			
	454	M	~~25~~			
	455	F	~~25.6~~			
	456	M	~~22.2~~		755	F-1
	457	M	~~24.5~~		757	F-1
	458	M	~~28.1~~		758	F-2
	459	M	~~26.0~~		759	F-4
	460	M	~~25.9~~		760	F-1
	461	F	30.6	761	M	F-2
	462	F	24.8	762	M	F-2
	463	M	~~33.0~~			
	464	F	33.7	763	757	F-5
	465	F	26.0	764	755	F-4
	466	M	~~22.0~~		766	F-1
	467	M	~~22.6~~		765	
	468	F	30.4	767	M	F-3
	469	F	26.6	768	M	F-1

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	~~Weight before Spawning, lb.~~ 786 #F	~~Weight after Spawning, lb.~~ 786 #M	REMARKS
6/11/71	470	M	~~28.6~~			
	471	F	32.3		M	Spawned & Killed
	472	M	~~25.3~~		M	
	473	M	~~27.3~~		770	
	474	M	~~27.0~~		771	
	475	M	~~27.0~~		773	
	476	M	~~27.2~~		772	
	477	F	32.8	774	M	F-1
	478	F	21.6	776	M	
	479	F	26.6	777	778	
	480	F	24.7	779	M	F-2
	481	M	~~23.3~~		775	
	482	M	~~33.7~~		778	
	483	M	~~27.3~~		780	
	484	F	26.1	781	M	F-4
	485	F	26.8	782	M	F-2
	486	M	~~27.2~~		783	
	487	F	26.3	784	M	F-1
	488	F	26.0	785	M	F-1
	489	F	26.2	786	M	F-2
	490	F	25.3	787	M	F-2
	491	M	~~27.0~~			
	492	M	~~27.1~~		788	
	493	M	~~29.3~~		789	
	494	M	~~26.2~~		790	F-1
	495	M	~~26.2~~		792	F-1
	496	M	~~28.6~~		793	F-1
	497	M	~~26.9~~		794	F-2
	498	M	~~26.4~~		791	
	499	F	33.0	795	M	F-4
	500	F	26.6	796	M	
	501	M	~~26.6~~		797	

Dworshak National Fish Hatchery

ADULT RECORD

25 F 43 M

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
	502	M	~~25.9~~			
	503	M	~~29.0~~			
	504	M	~~25.7~~			
	505	M	~~25.4~~		M	SPAWNED & KILLED
	506	F	23.8		M	
	507	M	~~33.3~~			
	508	M	~~29.0~~			
	509	M	~~26.0~~			
	510	M	~~25.6~~			
	511	M	~~26.0~~			
	512	M	~~27.2~~			
	513	M	~~24.0~~	D.I.P.		
	514	M	~~32.1~~			
	515	M	~~26.2~~			
	516	M	~~27.2~~			
	517	F	~~25.0~~			

54 ♂

4 Bad ♀

20 ♀ spawned

6-16-71

SPRINGS & FALLS Combined

TABLE 17

CR

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
6-16	541	F	~~24.6~~	5.1		GREEN
	542	F	~~26.0~~	6.3		GREEN
	543	F	~~26.0~~	7.5		GREEN
	544	F	~~27.0~~	7.0		GREEN
	545	F	31.2		9.4	Scale 4-1
	546	F	25.7		5.4	
	547	F	25.0		4.6	
	548	F	24.6		4.2	
	549	F	25.5		4.6	
	550	F	24.9		4.7	
	551	F	25.8		5.7	
	552	F	24.4		4.5	
	553	F	25.2		4.9	
	554	F	26.6		5.8	
	555	F	26.2		5.6	
	556	F	34.8		10.7	Scale 4-2
	557	F	34.8		12.7	
	558	F	27.6		6.4	
	559	F	28.0		6.2	Scale 4-3
	560	M	~~26.6~~	6.4		
	561	F	25.0		5.0	
	562	F	24.3		4.4	
	563	F	25.8		4.8	
	564	F	23.9		3.5	
	565	M	~~26.6~~	6.2		
	566	F	28.3		6.0	
	567	F	34.6		12.0	Scale 4-4
	568	M	~~24.9~~	5.0		
	569	M	~~26.2~~	5.6		
	570	M	~~26.8~~	6.3		

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
6/16/71	571	M	~~25.6~~	5.9		
	572	F	30.9		8.7	
	573	M	~~25.3~~	5.8		
	574	F	27.9		6.8	
	575	F	24.7		4.5	
	576	F	~~26.4~~	6.3		GREEN
	577	F	33.2		10.3	
	578	F	30.5		9.5	
	579	F	26.4		5.9	
	580	F	22.8		3.4	
	581	F	31.6		8.9	
	582	F	34.0		10.5	Scale 4-5
	583	F	31.6		9.4	
	584	F	32.8		10.4	
	585	F	25.7		5.3	
	586	F	32.4		10.3	
	587	F	25.7		5.9	
	588	F	26.9		6.1	
	589	M	~~27.3~~	7.2		
	590	M	~~25.8~~	6.3		
	591	F	31.9		10.0	
	592	F	25.1		4.7	
	593	F	26.3		5.5	Scale 4-6
	594	F	~~25.5~~	5.7		GREEN
	595	F	32.4		11.3	Scale 4-7
	596	M	~~26.5~~	6.0		
	597	M	~~35.6~~	17.3		Scale 4-8
	598	M	~~27.0~~	6.6		Scale 4-9
	599	F	31.2		8.7	Scale 4-10
	600	M	~~32.5~~	11.6		Scale 4-11
	601	F	34.9		11.1	Scale 4-12
	602	F	25.4		4.6	

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
6/16/71	603	F	27.5		~~6.2~~	
	604	F	27.0		6.7	
	605	F	~~29.7~~	5.6		GREEN
	606	F	25.6		5.3	
	607	F	24.3		4.8	
	608	M	~~34.0~~	13.7		
	609	M	~~27.2~~	7.7		
	610	F	26.1		4.9	
	611	M	~~39.0~~	17.5		SCALE 4-13
	612	M	~~26.2~~	6.4		
	613	M	~~29.1~~	8.3		
	614	M	~~24.2~~	5.1		
	615	M	~~27.1~~	7.3		
	616	M	~~28.6~~	8.3		
	617					
						21 males 7 green ♀ 48 ♀ spawned
						374.2 lbs / 55 ♀
						171.3 lbs / 21 ♂

ck

Sp. & Fall Coms.
Kill

Tank 18

Dworshak National Fish Hatchery
ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
6-23	617	F	~~24.1~~	4.0		GREEN
	618	F	~~25.6~~	6.2		GREEN
	619	F	~~25.6~~	6.5		GREEN
	620	M	~~30.0~~	9.5		
	621	M	~~26.0~~	6.4		
	622	M	~~25.3~~	5.9		
	623	M	~~28.2~~	7.6		
	624	M	~~27.2~~	7.2		
	625	M	~~26.3~~	6.0		
	626	F	24.3		5.3	
	627	F	30.	8.1	8.1	
	628	F	27.2		5.4	
	629	F	25.0		4.9	
	630	F	23.8		3.7	
	631	F	31.0		8.5	
	632	M	~~24.2~~	4	5.1	
	633	F	26.		5.1	
	634	F	25.2		11.1	
	635	F	32.4		11.3	
	636	F	33.5		3.9	
	637	F	24.0			

70.4 135 / 13 ♀

51.1 135 / 7 ♂

7 ♂

3 ♀ Green

11 ♀ Spawned

Sp 2 Fall Cont.

Kill

Table 19

Dworshak National Fish Hatchery

ADULT RECORD

Date	Number	Sex	Length, fork Inches	Weight before Spawning, lb.	Weight after Spawning, lb.	REMARKS
6/30	638	M	28			TAG 788
6/30?	639	M	28.2			789
	640	M	23.8			800
	641	M	25.5			801
	642	M	24.6			802
	643	M	24.9			803
	644	M	20.7			804
	645	M	23.7			805
	646	M	26.7			806
	647	M	23.2	4.2		NO TAG
	648	F	24.8		5.5	GREEN
	649	F	~~26.7~~		6.8	"
	650	F	~~25.1~~		5.2	"
	651	M	27.2	6.2		

11 ♂

2 Bad ♀

1 ♀ spawned

10.4 155 / 0 ♂

17.5 155 / 3 ♀