

March 23-24, 1945 #1

Stream slightly turbid. Max.-Min. temperatures 32°-31° F.

Weather - snowing and blowing. Ten inches of snow fell night of March 23-24. Three to four feet of old snow in canyon bottom. Seining especially difficult on morning of March 24. because of numerous ice crystals which clogged the seine in water and solidified when exposed to air and wind. These crystals collected at the surface in pools and at the bottom in riffles forming a semi-solid mass.

It is possible that the ice crystals could interfere mechanically with the respiration of the trout.

Fish were found in quiet waters only. Nos. 1-8 were taken about 1550, nos. 9-42 about 1610 on March 23. Nos. 43-57 were captured between 800 and 930 March 24. Nos. 1-42 taken in Tres Ritos pasture, nos. 43-57 about one mile above the mouth. Most of numbers 9-42 were taken from a deep quiet pool near the upper edge of the pasture. The remainder of this group were taken in smaller quiet holes immediately adjacent.

The specimens were kept in snow until preserved at 2100 March 24. All of the fish were ^{when first measured} alive unless otherwise indicated.

Rio la Junta - Tres Ritos Pasture -						
No.	S.L.	T.L.	Wt.	S.L.	T.L.	S.L. T.L.
	1630-1800			2100-2150		2000-2100
	March 23			March 23		March 24
1.	85	103	8.1	84	101	85 100
2.	95	114	10.2	94	114	96 114
3.	89	107	7.7	90	108	91 108
4.	89	107	8.7	89	106	89 107
5.	135	163	37.4	132	159	135 161
RT 6.	108	133	17.9	108	132	110 133

WJK45-03-23-01

March 23, 1945 #2

Rio la Junta - Tres Ritos Pasture

No.	S.L.	T.L.	Wt.	S.L.	T.L.	S.L.	T.L.
	1630-1800			2100-2150		2000-2100	
	115 March 23	123	22.5	March 23		March 24	
RT 7.	115	141	22.5	114	139	117	140
				ripe			
8.	136	163	34.8	132	159	136	161

1610 - from deeper pools just above ^{preceding} ~~pool~~, mostly from one quiet deep pool.

9.	79	94	6.7	77	92	77	
				tail torn			
10.	89	105	8.3	86	103	90	104
11.	86	104	7.6	85	102	87	103
12.	84	101	7.1	83	99	84	100
13.	82	98	7.0	78	95	80	96
14.	85	101	7.9	84	100	85	100
15.	81	98	7.0	80	97	82	97
16.	92	110	9.2	92	108	92	109
17.	82	98	6.9	82	96	81	97
				limp			
18.	84	101	8.0	82	98	83	98
19.	82	99	6.6	81	97	83	98
20.	87	104	8.2	85	101	86	102
21.	90	108	8.8	90	107	91	107
22.	93	110	9.3	92	108	95	110
23.	94	113	11.2	92	110	93	111
24.	93	111	10.5	91	108	92	110
25.	91.	109	9.0	90	108	92	109
				limp			
26.	90	108	8.7	89	106	91	107
27.	97	115	10.5	96	113	97	tail torn
28.	102	121	12.6	99	120	103	121
29.	103	123	13.7	101	121	104	122

L. opercle short, tail torn, swelling above A

March 23, 1945 #3
 Rio la Junta - Tres Ritos Pasture

No.	S.L. 1630-1800 March 23	T.L. 1630-1800 March 23	Wt.	S.L. 2100-2150 March 23	T.L. 2100-2150 March 23	S.L. 2000-2100 March 23	T.L. 2000-2100 March 23
RT 30.	101	122	14.2	98	120	102	122
31.	101	121	12.2	100	120	102	121
32.	111	134	16.5	110	131	113	133
33.	109	129	15.7	106	126	107	127
34.	117	139	18.9	114	136	117	138
35.	134	159	29.5	130	156	135	159
36.	122	146	24.6	118	141	120	143
37.	137	162	32.0	132	158	136	160
38.	153	177	51.6	146	175	151	177
39.	108	130	17.1	104	125	107	tail torn
40.	120	147	31.1	120	145	122	146
41.	115	135	17.3	115	134	117	136
42.	203	244	116.6	199	237	203	242

Preceding remeasured at time indicated. Fish kept in old snow between times. Most fish in rigor mortis, some passed, - indicated by "limp". Peak of rigor probably passed.

March 24, 1945 #1 WJK45-03-23-02

Following captured one mile above mouth.
Time 800-930. Measured 2000-2100 while in rigor.

No.	S.L.	T.L.	Wt.
43.	180	214	93.6
44.	156	184	59.4
45.	128	153	33.8
46.	175	205	85.5
47.	147	173	54.6
48.	148	173	50.4
49.	125	150	30.1
50.	105	126	19.8
51.	95	113	12.7
52.	81	98	8.5
53.	78	94	7.0
R7 54.	123	146	31.9
R7 55.	127	152	34.5
R7 56.	127	152	34.2
R7 57	115	139	27.7