

January 14, 1945 #1

WJK45-01-14-01

Seined the Rio la Junta from Duran creek to the spring run below Arellano creek. The stream above Duran creek is generally open in the riffle channels while below it pretty generally frozen over with open water apparent only in a few places. These, plus adjacent areas where the ice was chopped away, were seined. Nothing captured. The bottom ice which was so prevalent in November was not observed this time. It seems to have disappeared. The water is no longer being spread out by and over ice at the riffles but rather flows along beneath it. The first fish came from a hole just above Duran creek at 10:50 a.m. Numbers 2-14 inclusive were taken from behind a wing deflector several hundred yards above Duran creek at 12:00 M. The remainder of the fish were taken from behind a deflector about one hundred yards below the spring run, 12:45-1:00 P.M. In both instances, the channel of the stream was free of ice while the water behind the deflector was covered with several inches of ice.

The fish were measured (total length) while still alive, placed in a pack with old snow and carried back to camp. They were weighed and measured from seven to ten hours after capture, having been kept in snow since that time. Rigor mortis was still obvious in most of the specimens at the start of the weighing. The fish were not measured until they were flexible enough to do so accurately.

Maximum-minimum. Thermometer at mouth - 32° - 32° F

January 14, 1945 #2 Continued

No.	T.L. at capture	S.L. 7-10 hours	T.L. after capture	Wt.
1	171	141	169	44.4
2	184	155	182	56.5
3	197	164	194	61.3
4	153	126	151	28.2
5	119	97	117	14.8
6	135	111	133	20.0
7	149	122	145	26.8
8	134	109	131	20.2
9	135	113	135	21.9
10	104	85	101	9.9
11	90	75	88	6.0
12	97	81	95	7.5
13	51	42	50	1.0
14	130	106	127	18.9
15	205	169	201	75.4
16	165	136	161	39.3
17	132	109	130	19.0
18	136	112	133	21.4
19	167	139	165	40.6
20	kingfisher marks 134 back of head	109	131	20.1
21	132	108	129	19.8
22	137	113	135	20.2
23	151	125	149	27.9
24	137	114	135	17.5
25	127	104	124	15.3
26	174	145	171	43.3
27	141	115	138	23.4

January 14, 1945 #3 Continued

No.	T.L. at capture	S.L. 7-10 hours	T.L. after capture	Wt.
28	101	83	99	8.9
29	108	88	106	9.7
30	140	114	137	22.9
31	126	104	125	-
32	175	143	171	45.2
33	133	110	132	19.3
34	114	93	111	12.5
35	127	105	125	18.0
36	139	114	137	23.0
37	141	116	139	23.2
38	103	86	102	8.5
39	107	88	105	10.1
40	177	146	175	48.0
41	124	102	121	16.3
42	144	120	142	20.5
43	183	154	182	41.6
44	133	109	130	20.5
45	109	89	106	10.4
46	133	109	132	19.7
47	125	104	124	16.8
48	141	121	144	25.2
49	170	141	168	38.7
50	118	97	116	14.4
51	101	82	100	8.8
52	167	139	169	40.5
53	124	102	123	16.2

January 14, 1945 #4 Continued

No.	T.L. at capture	S.L. 7-10 hours after capture	T.L. capture	Wt.
54	100	83	99	9.0
55	144	118	141	24.3
56	122	99	120	14.1
57	137	114	137	21.1
58	120	98	118	14.7
59	100	82	98	8.2
60	122	100	120	14.5
61	117	97	115	13.5

Maximum-minimum 32° 32° F