194 MB

State of Alaska
Department of Fish and Game
Division of Sport Fish

Nomination Form
Anadromous Waters Catalog

egion: Southcentral | USGS Quad(s): Cordova D-7

Anadromous Waters Catalog Number of Waterway: 221-40-10930

Name of Waterway: Kirkwood Creek ☐ USGS Name ☑ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # 100284

Revision Year: 2011

Revision to: Atlas ____ Catalog ____ Both ____

Revision Code: F-1

Fisheries Scientist	Date
Habitat Operations Manager	Date
AWC Project Biologist	22Feb10 Date
Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Pink	1963-1998			x	☑
Chum	1964-1987			x	☑
					☐
					☐
					☐

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Aerial surveys have been conducted on this system and observers have documented the presence of Pink & Chum. See the attached database for substantiation: cf2_saspop_2000.mdb.

Name of Observer (please print): Cordova CF Staff

Signature: Alaska Department of Fish & Game Date: _____

Agency: PO Box 669

Address: Cordova, AK 99574

Date: 11/2/2009

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____

Name of Area Biologist (please print):

Revision 05/08

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	6/30/1963	0	BAY	Noerenberg, W	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/30/1963	0	MOUTH	Noerenberg, W	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/30/1963	0	MOUTH	Noerenberg, W	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/30/1963	0	STREAM	Noerenberg, W	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/30/1963	0	STREAM	Noerenberg, W	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/30/1963	0	BAY	Noerenberg, W	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1963	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1963	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1963	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1963	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1963	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1963	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1963	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1963	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1963	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1963	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1963	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1963	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/19/1963	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/19/1963	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/19/1963	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/19/1963	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/19/1963	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/19/1963	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/10/1963		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/10/1963		MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/10/1963		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/10/1963	1000	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/10/1963	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/10/1963		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1963	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1963	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1963	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/12/1963	250	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1963	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1963	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/9/1964		STREAM	Roys, Bob	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/9/1964		BAY	Roys, Bob	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/9/1964		BAY	Roys, Bob	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/9/1964	15000	MOUTH	Roys, Bob	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/9/1964	0	MOUTH	Roys, Bob	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/9/1964		STREAM	Roys, Bob	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1964		STREAM	Roys, Bob	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1964		MOUTH	Roys, Bob	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1964		MOUTH	Roys, Bob	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1964	5000	BAY	Roys, Bob	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1964		STREAM	Roys, Bob	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1964	1000	BAY	Roys, Bob	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1964	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1964		STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1964		STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1964	3000	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1964		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1964		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/26/1964	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/26/1964	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/26/1964	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/26/1964	2500	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/26/1964	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/26/1964	200	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1964	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1964	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1964	200	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1964	100	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1964	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1964	300	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/6/1964	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/6/1964		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/6/1964		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/6/1964	800	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/6/1964	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/6/1964	300	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/11/1964	500	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/11/1964	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1964	2500	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/11/1964		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/11/1964	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1964		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/28/1964	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/28/1964	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/28/1964	800	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/28/1964	3000	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/28/1964		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/28/1964		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1965	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1965	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1965	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1965	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1965	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1965	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1965	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1965	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1965	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1965	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1965	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1965	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1965		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1965		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1965	500	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/12/1965	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1965	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1965	300	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1965	500	STREAM	Noerenberg, W	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1965	0	STREAM	Noerenberg, W	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1965	0	MOUTH	Noerenberg, W	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1965		BAY	Noerenberg, W	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1965		BAY	Noerenberg, W	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1965	2000	MOUTH	Noerenberg, W	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/6/1966		STREAM	Roys, Bob	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/6/1966		BAY	Roys, Bob	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/6/1966		STREAM	Roys, Bob	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/6/1966		MOUTH	Roys, Bob	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/6/1966		MOUTH	Roys, Bob	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/6/1966		BAY	Roys, Bob	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/13/1966		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/13/1966		MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/13/1966		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/13/1966	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/13/1966	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/13/1966		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/5/1966		STREAM	Roys, Bob	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/5/1966	0	MOUTH	Roys, Bob	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/5/1966		BAY	Roys, Bob	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/5/1966		BAY	Roys, Bob	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/5/1966		STREAM	Roys, Bob	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/5/1966	200	MOUTH	Roys, Bob	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/9/1966		BAY	Roys, Bob	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/9/1966		BAY	Roys, Bob	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/9/1966	0	MOUTH	Roys, Bob	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/9/1966	1000	MOUTH	Roys, Bob	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/9/1966	300	STREAM	Roys, Bob	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/9/1966	0	STREAM	Roys, Bob	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/20/1966	150	STREAM	Noerenberg, W	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/20/1966	0	STREAM	Noerenberg, W	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/20/1966	0	MOUTH	Noerenberg, W	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/20/1966	0	BAY	Noerenberg, W	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/20/1966	0	BAY	Noerenberg, W	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/20/1966	100	MOUTH	Noerenberg, W	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/28/1967	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/28/1967	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/28/1967	1000	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/28/1967	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/28/1967	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/28/1967	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1967	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1967	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1967	500	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1967	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1967	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1967	800	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/9/1967	1000	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/9/1967	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/9/1967	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/9/1967	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/9/1967	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/9/1967	500	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1967	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1967		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1967		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1967		MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1967		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1967	2500	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/26/1968	500	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/26/1968	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/26/1968	750	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/26/1968	750	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/26/1968	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/26/1968	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1968	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1968		STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1968		STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1968	2000	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1968		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1968		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1968		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1968		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1968	50	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1968	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1968	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1968	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1969		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1969	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1969	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1969		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1969		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1969		MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/14/1969	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1969		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1969		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/14/1969	1500	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/14/1969	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1969	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/25/1969	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/25/1969	800	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/25/1969	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/25/1969	150	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/25/1969	150	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/25/1969	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/21/1970	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/21/1970	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/21/1970	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/21/1970		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/21/1970		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/21/1970	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1970	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1970		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1970		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1970	300	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1970	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1970	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/3/1970	200	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/3/1970	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/3/1970	700	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/3/1970	1000	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/3/1970	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/3/1970	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/19/1970		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/19/1970	800	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/19/1970	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/19/1970		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/19/1970		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/19/1970		MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1971	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1971		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1971		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1971		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1971		MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1971	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/21/1971	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/21/1971		MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/21/1971		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/21/1971		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/21/1971	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/21/1971		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/4/1971	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/4/1971	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/4/1971	100	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1971	800	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1971		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1971		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/10/1971		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/10/1971		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/10/1971	400	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/10/1971	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/10/1971	200	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/10/1971	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1972	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1972		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1972	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1972		MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1972		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1972		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1972	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1972		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1972		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1972		MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1972		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1972	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/21/1972	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/21/1972	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/21/1972	500	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/21/1972	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/21/1972	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/21/1972	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/31/1972	800	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1972	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1972	50	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1972	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1972	1600	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1972	250	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/7/1972	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/7/1972	600	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/7/1972	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/7/1972	500	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/7/1972	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/7/1972	500	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/18/1972	850	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/18/1972	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/18/1972	200	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/18/1972		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/18/1972	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/18/1972		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1973	700	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1973	50	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1973	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1973	500	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1973	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1973	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/23/1973	250	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/23/1973	300	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/23/1973	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/23/1973	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/23/1973	600	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/23/1973	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/30/1973	800	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/30/1973		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/30/1973		MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/30/1973	2000	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/30/1973	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/30/1973	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/13/1973		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/13/1973	1200	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/13/1973	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/13/1973		MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/13/1973		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/13/1973		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/28/1973		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/28/1973		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/28/1973		MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/28/1973		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/28/1973	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/28/1973	600	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/12/1973	0	MOUTH	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/12/1973	0	STREAM	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/12/1973	0	STREAM	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/12/1973	0	BAY	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/12/1973	0	BAY	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/12/1973	0	MOUTH	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1974	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1974	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1974	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1974	20	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1974	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1974	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1974		STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1974		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1974		MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1974	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1974		STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1974	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/15/1974	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/15/1974		STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/15/1974		STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1974	600	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1974	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1974	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1974	150	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1974	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1974	500	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1974	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1974		STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1974		STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/29/1974	200	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/29/1974		STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/29/1974	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/29/1974	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/29/1974		STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/29/1974	250	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1974		STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1974	300	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1974	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1974		MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1974		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1974		STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/3/1974		STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/3/1974		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/3/1974	1	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/3/1974	70	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/3/1974		STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/3/1974	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1975	500	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1975	300	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1975	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/8/1975	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1975	500	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1975	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1975	3000	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1975	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1975	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1975	3000	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1975	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1975	800	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/23/1975	0	MOUTH	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/23/1975	0	STREAM	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/23/1975	1000	STREAM	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/23/1975	1000	BAY	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/23/1975	0	BAY	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/23/1975	5000	MOUTH	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/30/1975	0	STREAM	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/30/1975	1000	BAY	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/30/1975	0	BAY	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/30/1975	5000	MOUTH	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/30/1975	0	MOUTH	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/30/1975	2500	STREAM	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1975	2750	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1975	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/4/1975	800	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1975	2000	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1975	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/4/1975	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1975		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1975	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1975	1700	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/11/1975		MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/11/1975		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/11/1975		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/25/1975		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/25/1975		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/25/1975	500	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/25/1975	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/25/1975	1600	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/25/1975	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/5/1975	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/5/1975	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/5/1975	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/5/1975	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/5/1975	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/5/1975	1100	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/6/1976	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/6/1976	500	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/6/1976	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/6/1976	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/6/1976	500	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/6/1976	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1976	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1976	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/15/1976	2000	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1976	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1976	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/15/1976	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/23/1976	0	MOUTH	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/23/1976	0	STREAM	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/23/1976	1500	STREAM	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/23/1976	1500	MOUTH	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/23/1976	1500	BAY	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/23/1976	0	BAY	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/29/1976		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/29/1976		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/29/1976	1500	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/29/1976	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/29/1976	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/29/1976	400	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1976		MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1976	500	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1976		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1976		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1976	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1976		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1976	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1976		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1976		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/11/1976	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/11/1976	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1976	900	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/16/1976	500	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/16/1976	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/16/1976	300	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/16/1976	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/16/1976	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/16/1976	500	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1976	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1976	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1976	500	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1976	200	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1976	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1976	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/31/1976	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/31/1976	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/31/1976	200	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/31/1976	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/31/1976	400	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/31/1976	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	9/10/1976		MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/10/1976	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/10/1976		MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/10/1976		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/10/1976	650	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/10/1976		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/20/1977	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/20/1977		BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/20/1977		BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/20/1977	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/20/1977	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/20/1977	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/27/1977	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1977	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/27/1977	200	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1977	200	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1977	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/27/1977	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/5/1977	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/5/1977	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/5/1977	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/5/1977	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/5/1977	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/5/1977	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/11/1977	500	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/11/1977	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/11/1977	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/11/1977	100	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/11/1977	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/11/1977	100	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1977	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1977	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1977	1000	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/18/1977	50	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1977	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1977	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/29/1977	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/29/1977	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/29/1977	1000	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/29/1977	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/29/1977	800	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/29/1977	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/1/1977	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/1/1977	700	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/1/1977	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/1/1977	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/1/1977	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/1/1977	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/9/1977	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/9/1977	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/9/1977	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/9/1977	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/9/1977	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/9/1977	150	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/17/1977	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/17/1977	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/17/1977	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/17/1977	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/17/1977	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/17/1977	150	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/29/1977	300	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/29/1977	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/29/1977	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/29/1977	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/29/1977	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/29/1977	100	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/7/1978	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1978	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1978	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1978	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1978	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1978	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1978	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1978	100	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1978	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1978	3000	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1978	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1978	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/26/1978	350	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/26/1978	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/26/1978	500	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/26/1978	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/26/1978	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/26/1978	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1978	200	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1978	450	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1978	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1978	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1978	200	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1978	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/7/1978	1200	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/7/1978	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/7/1978	300	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/7/1978	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/7/1978	500	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/7/1978	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1978	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1978	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1978	700	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/14/1978	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1978	1000	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/14/1978	1000	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/29/1978	1500	STREAM	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/29/1978	1500	BAY	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/29/1978	0	BAY	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/29/1978	1500	MOUTH	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/29/1978	0	MOUTH	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/29/1978	0	STREAM	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/6/1978	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/6/1978	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/6/1978	500	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/6/1978	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/6/1978	600	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/6/1978	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/29/1979	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/29/1979	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/29/1979	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/29/1979	100	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/29/1979	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/29/1979	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/5/1979	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/5/1979	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/5/1979	1000	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/5/1979	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/5/1979	0	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/5/1979	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1979	3000	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1979	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1979	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1979	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1979	800	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1979	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/17/1979	0	STREAM	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1979		BAY	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1979		BAY	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1979	1000	MOUTH	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1979	0	MOUTH	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1979	500	STREAM	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/23/1979	1500	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/23/1979	500	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/23/1979	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/23/1979	300	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/23/1979	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/23/1979	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/22/1979	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/22/1979	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/22/1979	1300	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/22/1979	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/22/1979	250	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/22/1979	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/4/1979	0	BAY	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/4/1979	0	BAY	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/4/1979	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/4/1979	0	MOUTH	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/4/1979	350	STREAM	Pirtle, Ralph	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/4/1979	0	STREAM	Pirtle, Ralph	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1980	0	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1980	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1980	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1980	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1980	0	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1980	0	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1980	0	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1980	0	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1980	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	6/27/1980	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/27/1980	0	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1980	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/3/1980	0	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/3/1980	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/3/1980	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/3/1980	200	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/3/1980	0	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/3/1980	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1980	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1980	2300	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1980	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1980	0	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1980	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1980	0	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1980	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1980	0	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1980	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1980	600	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1980	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1980	0	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1980	150	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1980	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/24/1980	450	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1980	0	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1980	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/24/1980	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/4/1980	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/4/1980	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/4/1980	300	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1980	0	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1980	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/4/1980	400	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/11/1980	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1980		BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1980		BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/11/1980	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1980	300	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/11/1980	300	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/19/1980	250	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/19/1980	300	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/19/1980	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/19/1980	200	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/19/1980	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/19/1980	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/23/1981	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/23/1981	0	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/23/1981	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/23/1981	0	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/23/1981	0	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/23/1981	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1981	0	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1981	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1981	250	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1981	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1981	0	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1981	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1981	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1981	100	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1981	50	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1981	300	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1981	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1981	1500	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1981	300	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1981	500	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1981	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/14/1981	650	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1981	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/14/1981	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1981	250	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1981	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1981	400	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1981	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1981	50	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1981	400	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/28/1981	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/28/1981	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/28/1981	100	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/28/1981	800	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/28/1981	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/28/1981	500	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1981	1000	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1981	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/4/1981	1000	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1981	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/4/1981	450	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1981	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1981	500	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/11/1981	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1981	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1981	0	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/11/1981	600	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/11/1981	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/22/1981	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/22/1981	600	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/22/1981	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/22/1981	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/22/1981	600	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/22/1981	1000	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	9/1/1981	0	STREAM	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/1/1981	750	MOUTH	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/1/1981	0	MOUTH	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/1/1981	750	BAY	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/1/1981	2000	STREAM	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/1/1981	0	BAY	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1982	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1982	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1982	0	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1982	0	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1982	0	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1982	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1982	100	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1982	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1982	100	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1982	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1982	20	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1982	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/14/1982	1000	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1982	250	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/14/1982	50	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1982	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/14/1982	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/14/1982	1000	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/20/1982	250	STREAM	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/20/1982	700	BAY	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/20/1982	0	BAY	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/20/1982	150	MOUTH	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/20/1982	0	MOUTH	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/20/1982	0	STREAM	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1982	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1982	300	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1982	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/27/1982	2000	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1982	500	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1982	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1982	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1982	1000	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1982	100	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1982	800	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1982	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1982	300	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/9/1982	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/9/1982	500	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/9/1982	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/9/1982	1500	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/9/1982	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/9/1982	300	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/18/1982	200	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/18/1982	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/18/1982	1800	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/18/1982	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/18/1982	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/18/1982	200	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/28/1983	250	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/28/1983	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/28/1983	0	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/28/1983	0	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/28/1983	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/28/1983	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1983	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1983	100	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1983	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1983	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1983	700	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1983	0	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/8/1983	200	STREAM	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1983	0	MOUTH	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1983	1000	MOUTH	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1983	1000	BAY	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1983	0	STREAM	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1983	0	BAY	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/15/1983	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/15/1983	50	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1983	300	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/15/1983	6000	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1983	3000	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1983	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1983	2000	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1983	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1983	500	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1983	200	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1983	300	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1983	50	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/28/1983	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/28/1983	100	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/28/1983	300	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/28/1983	1500	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/28/1983	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/28/1983	500	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/3/1983	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/3/1983	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/3/1983	500	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/3/1983	1500	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/3/1983	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/3/1983	300	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1983	0	STREAM	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1983	0	MOUTH	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1983	1500	MOUTH	Fridgen, Pete	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/12/1983	2000	BAY	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1983	1000	STREAM	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1983	0	BAY	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/19/1983	0	MOUTH	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/19/1983	1000	STREAM	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/19/1983	0	STREAM	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/19/1983	3000	MOUTH	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/19/1983	2000	BAY	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/19/1983	0	BAY	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/28/1983	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/28/1983	0	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/28/1983	200	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/28/1983	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/28/1983	1500	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/28/1983	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/27/1984	200	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1984	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/27/1984	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/27/1984	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/27/1984	0	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1984	0	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/3/1984	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/3/1984	1500	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/3/1984	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/3/1984	500	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/3/1984	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/3/1984	0	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1984	0	STREAM	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1984	0	MOUTH	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1984	2500	MOUTH	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1984	3000	BAY	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1984	0	STREAM	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1984	0	BAY	Fridgen, Pete	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/17/1984	2000	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1984	400	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1984	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1984	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1984	2000	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1984	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/24/1984	4000	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1984	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/24/1984	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/24/1984	3000	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1984	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/24/1984	900	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1984	500	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1984	800	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1984	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1984	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1984	1500	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1984	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/7/1984	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/7/1984	500	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/7/1984	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/7/1984	2500	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/7/1984	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/7/1984	600	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/14/1984	450	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/14/1984	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1984	1000	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/14/1984	1000	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/14/1984	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1984	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1984	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1984	450	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/21/1984	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/21/1984	1500	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/21/1984	500	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/21/1984	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/29/1984	500	BAY	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/29/1984	0	BAY	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/29/1984	2000	MOUTH	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/29/1984	0	MOUTH	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/29/1984	2500	STREAM	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/29/1984	0	STREAM	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/20/1985	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/20/1985	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/20/1985	0	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/20/1985	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/20/1985	100	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/20/1985	0	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/25/1985	2000	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/25/1985	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/25/1985	0	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/25/1985	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/25/1985	0	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/25/1985	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1985	0	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1985	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1985	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1985	6000	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1985	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1985	600	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1985	800	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1985	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/15/1985	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/15/1985	2000	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1985	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/15/1985	4000	BAY	Randall, Rich	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/22/1985	0	BAY	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1985	0	MOUTH	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1985	5000	MOUTH	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1985	1500	STREAM	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1985	0	STREAM	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1985	7000	BAY	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/29/1985	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/29/1985	2000	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/29/1985	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/29/1985	5000	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/29/1985	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/29/1985	2000	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/5/1985	10000	BAY	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/5/1985	0	BAY	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/5/1985	5000	MOUTH	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/5/1985	0	MOUTH	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/5/1985	1000	STREAM	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/5/1985	0	STREAM	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1985	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1985	1500	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/14/1985	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1985	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1985	2000	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/14/1985	0	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/20/1985	4000	STREAM	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/20/1985	0	BAY	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/20/1985	6000	MOUTH	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/20/1985	0	MOUTH	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/20/1985	0	STREAM	Fridgen, Pete	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/20/1985	2000	BAY	Fridgen, Pete	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/27/1985	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/27/1985	2500	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/27/1985	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/27/1985	300	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/27/1985	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/27/1985	200	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1986	200	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1986	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1986	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1986	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1986	0	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1986	0	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1986	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1986	500	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1986	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1986	0	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1986	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1986	0	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1986	50	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/14/1986	10	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1986	100	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/14/1986	800	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1986	200	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1986	100	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1986	500	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1986	100	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1986	400	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1986	1500	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1986	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1986	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/28/1986	2500	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/28/1986	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/28/1986	500	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/28/1986	1500	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/28/1986	450	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/28/1986	400	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/5/1986	700	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/5/1986	500	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/5/1986	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/5/1986	1500	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/5/1986	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/5/1986	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1986	500	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/11/1986	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1986	2000	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/11/1986	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/11/1986	1000	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/11/1986	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/18/1986	200	BAY	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/18/1986	0	BAY	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/18/1986	300	MOUTH	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/18/1986	0	MOUTH	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/18/1986	500	STREAM	Randall, Rich	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/18/1986	0	STREAM	Randall, Rich	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1986	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1986	500	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/21/1986	200	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/21/1986	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1986	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1986	50	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/12/1987		STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/12/1987		STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/12/1987	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/12/1987	0	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/12/1987	0	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/12/1987	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/21/1987	0	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/21/1987	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/21/1987	0	MOUTH	Brady, James	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	6/21/1987	0	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/21/1987	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/21/1987	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/25/1987	0	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/25/1987	0	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/25/1987	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/25/1987	0	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/25/1987	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/25/1987	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/30/1987	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/30/1987	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/30/1987	400	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/30/1987	100	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/30/1987	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/30/1987	100	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1987	100	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1987	500	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1987	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1987	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1987	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1987	200	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1987	600	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1987	500	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1987	200	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/14/1987	100	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/14/1987	1000	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1987	300	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/20/1987	1000	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/20/1987	500	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/20/1987	1500	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/20/1987	500	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/20/1987	1000	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/20/1987	800	STREAM	Brady, James	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/27/1987	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1987	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1987	450	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1987	1000	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1987	1000	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1987	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/4/1987	700	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1987	500	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1987	500	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/4/1987	4000	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1987	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/4/1987	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/10/1987	300	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/10/1987	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/10/1987	2000	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/10/1987	3000	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/10/1987	3000	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/10/1987	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/17/1987	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/17/1987	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/17/1987	1500	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/17/1987	2000	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/17/1987	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/17/1987	1000	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1987	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1987	500	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1987	1000	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1987	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1987	900	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1987	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/2/1987	0	BAY	Jackson, Mike	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/2/1987	300	STREAM	Jackson, Mike	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/2/1987	0	STREAM	Jackson, Mike	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	9/2/1987	0	BAY	Jackson, Mike	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/2/1987	0	MOUTH	Jackson, Mike	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/2/1987	100	MOUTH	Jackson, Mike	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/21/1988	0	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/21/1988	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/21/1988	0	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/21/1988	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/21/1988	0	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/21/1988	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/27/1988	0	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1988	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/27/1988	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/27/1988	0	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1988	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/27/1988	0	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/3/1988	0	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/3/1988	500	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/3/1988	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/3/1988	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/3/1988	0	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/3/1988	300	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1988	600	BAY	Schultz, Keith	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1988	0	MOUTH	Schultz, Keith	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1988	0	MOUTH	Schultz, Keith	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1988	0	STREAM	Schultz, Keith	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1988	500	STREAM	Schultz, Keith	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1988	0	BAY	Schultz, Keith	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/12/1988	100	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/12/1988	500	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/12/1988	1000	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/12/1988	500	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/12/1988	800	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/12/1988	1000	MOUTH	Brady, James	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/18/1988	0	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1988	100	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1988	4000	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1988	200	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1988	1900	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1988	0	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/25/1988	700	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/25/1988	200	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/25/1988	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/25/1988	2000	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/25/1988	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/25/1988	3000	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/1/1988	100	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/1/1988	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/1/1988	1000	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/1/1988	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/1/1988	200	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/1/1988	3000	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/8/1988	200	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/8/1988	300	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/8/1988	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/8/1988	3000	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/8/1988	2000	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/8/1988	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/15/1988	400	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/15/1988	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/15/1988	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/15/1988	1000	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/15/1988	2000	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/15/1988	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1988	100	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1988	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1988	0	BAY	Brady, James	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/23/1988	1000	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1988	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1988	1200	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/30/1988	1300	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/30/1988	0	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/30/1988	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/30/1988	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/30/1988	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/30/1988	0	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/5/1988	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/5/1988	200	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/5/1988	600	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/5/1988	0	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/5/1988	0	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/5/1988	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/21/1989	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/21/1989	0	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/21/1989	0	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/21/1989	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/21/1989	0	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/21/1989	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/26/1989	0	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/26/1989	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/26/1989	0	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/26/1989	0	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/26/1989	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/26/1989	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/3/1989	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/3/1989	0	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/3/1989	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/3/1989	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/3/1989	0	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/3/1989	0	STREAM	Brady, James	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/10/1989	400	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1989	0	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1989	1000	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1989	0	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1989	0	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1989	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1989	100	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1989	0	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1989	200	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1989	0	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/17/1989	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/17/1989	0	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1989	100	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1989	4000	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1989	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/24/1989	500	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1989	100	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/24/1989	200	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/3/1989		STREAM	Schultz, Keith	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/3/1989	0	MOUTH	Schultz, Keith	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/3/1989	1000	MOUTH	Schultz, Keith	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/3/1989	0	BAY	Schultz, Keith	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/3/1989		STREAM	Schultz, Keith	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/3/1989	0	BAY	Schultz, Keith	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/7/1989	0	MOUTH	Schultz, Keith	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/7/1989	1000	STREAM	Schultz, Keith	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/7/1989	0	STREAM	Schultz, Keith	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/7/1989	0	BAY	Schultz, Keith	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/7/1989	900	BAY	Schultz, Keith	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/7/1989	3000	MOUTH	Schultz, Keith	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/16/1989	0	STREAM	Schultz, Keith	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/16/1989	0	BAY	Schultz, Keith	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/16/1989	0	BAY	Schultz, Keith	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/16/1989	400	MOUTH	Schultz, Keith	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/16/1989	0	MOUTH	Schultz, Keith	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/16/1989	300	STREAM	Schultz, Keith	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/21/1989	900	STREAM	Schultz, Keith	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/21/1989	0	MOUTH	Schultz, Keith	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1989	700	MOUTH	Schultz, Keith	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/21/1989	100	BAY	Schultz, Keith	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/21/1989	10	STREAM	Schultz, Keith	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1989	0	BAY	Schultz, Keith	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/11/1989	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/11/1989	20	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/11/1989	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/11/1989	0	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/11/1989	0	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/11/1989	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/18/1990	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/18/1990	0	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/18/1990	0	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/18/1990	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/18/1990	0	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/18/1990	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/19/1990	0	STREAM	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/19/1990	0	BAY	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/19/1990	0	STREAM	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/19/1990	0	MOUTH	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/19/1990	0	BAY	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/19/1990	0	MOUTH	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1990	0	STREAM	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1990	0	BAY	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1990	0	BAY	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1990	0	MOUTH	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1990	0	MOUTH	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1990	0	STREAM	Morstad, Slim	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/1/1990	0	STREAM	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1990	0	STREAM	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1990	0	MOUTH	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1990	0	MOUTH	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1990	0	BAY	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1990	0	BAY	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/2/1990	0	MOUTH	Haley, Beth	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/2/1990	0	MOUTH	Haley, Beth	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/2/1990	0	STREAM	Haley, Beth	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/2/1990	0	BAY	Haley, Beth	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/2/1990	0	BAY	Haley, Beth	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/2/1990	0	STREAM	Haley, Beth	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1990	0	STREAM	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1990	0	BAY	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1990	0	BAY	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1990	0	MOUTH	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/7/1990	200	MOUTH	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/7/1990	0	STREAM	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/13/1990	0	STREAM	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/13/1990	1000	MOUTH	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/13/1990	0	MOUTH	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/13/1990	0	BAY	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/13/1990	0	STREAM	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/13/1990	0	BAY	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/16/1990	200	MOUTH	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/16/1990	0	STREAM	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/16/1990	0	STREAM	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/16/1990	0	BAY	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/16/1990	0	BAY	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/16/1990	0	MOUTH	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1990	40	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1990	300	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1990	50	BAY	Brady, James	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/18/1990	300	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1990	100	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1990	0	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1990	200	STREAM	Haley, Beth	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1990	0	MOUTH	Haley, Beth	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/24/1990	2400	MOUTH	Haley, Beth	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1990	0	BAY	Haley, Beth	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/24/1990	0	STREAM	Haley, Beth	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/24/1990	0	BAY	Haley, Beth	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/30/1990	1000	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/30/1990	250	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/30/1990	30	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/30/1990	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/30/1990	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/30/1990	800	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1990	0	BAY	Haley, Beth	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1990	0	BAY	Haley, Beth	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1990	1300	MOUTH	Haley, Beth	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1990	0	MOUTH	Haley, Beth	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1990	530	STREAM	Haley, Beth	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1990	0	STREAM	Haley, Beth	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/6/1990	0	MOUTH	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/6/1990	0	STREAM	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/6/1990	300	STREAM	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/6/1990	0	BAY	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/6/1990	0	BAY	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/6/1990	500	MOUTH	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/8/1990	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/8/1990	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/8/1990	1000	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/8/1990	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/8/1990	1000	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/8/1990	350	STREAM	Brady, James	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/14/1990	560	STREAM	Haley, Beth	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/14/1990	350	MOUTH	Haley, Beth	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/14/1990	0	MOUTH	Haley, Beth	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1990	0	BAY	Haley, Beth	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/14/1990	0	STREAM	Haley, Beth	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1990	0	BAY	Haley, Beth	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/20/1990	0	MOUTH	Haley, Beth	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/20/1990	0	STREAM	Haley, Beth	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/20/1990	600	STREAM	Haley, Beth	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/20/1990	0	MOUTH	Haley, Beth	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/20/1990	0	BAY	Haley, Beth	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/20/1990	0	BAY	Haley, Beth	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1990	0	BAY	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1990	0	BAY	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1990	500	MOUTH	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1990	0	MOUTH	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1990	1200	STREAM	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1990	0	STREAM	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/30/1990	100	MOUTH	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/30/1990	400	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/30/1990	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/30/1990	0	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/30/1990	100	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/30/1990	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/4/1990	240	STREAM	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/4/1990	0	BAY	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/4/1990	0	BAY	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/4/1990	110	MOUTH	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/4/1990	0	MOUTH	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/4/1990	0	STREAM	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/11/1990	100	STREAM	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/11/1990	0	MOUTH	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/11/1990	0	MOUTH	Brady, James	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	9/11/1990	0	BAY	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/11/1990	0	STREAM	Brady, James	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/11/1990	0	BAY	Brady, James	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1991	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1991	0	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1991	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1991	0	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1991	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1991	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/27/1991	0	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1991	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/27/1991	0	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1991	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/2/1991	35	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/2/1991	0	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/2/1991	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/2/1991	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/2/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/2/1991	400	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/5/1991	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/5/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/5/1991	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/5/1991	0	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/5/1991	1500	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/5/1991	0	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/9/1991	100	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/9/1991	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/9/1991	350	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/9/1991	100	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/9/1991	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/9/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/13/1991	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/13/1991	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/13/1991	0	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/13/1991	2000	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/13/1991	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/13/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1991	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1991	900	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1991	0	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1991	0	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1991	800	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1991	400	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1991	1050	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1991	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1991	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1991	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1991	1100	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1991	400	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1991	300	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1991	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1991	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1991	380	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1991	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1991	400	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1991	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1991	240	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/5/1991	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/5/1991	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/5/1991	400	STREAM	Unknown	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/5/1991	600	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/5/1991	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/5/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/8/1991	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/8/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/8/1991	300	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/8/1991	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/8/1991	600	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/8/1991	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1991	0	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1991	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1991	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1991	450	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1991	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/18/1991	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/18/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/18/1991	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/18/1991	50	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/18/1991	120	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/18/1991	380	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/20/1991	800	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/20/1991	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/20/1991	200	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/20/1991	1500	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/20/1991	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/20/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/26/1991	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/26/1991	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/26/1991	700	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/26/1991	500	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/26/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/26/1991	0	BAY	Unknown	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/29/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/29/1991	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/29/1991	250	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/29/1991	250	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/29/1991	900	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/29/1991	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/2/1991	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/2/1991	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/2/1991	100	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/2/1991	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/2/1991	375	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/2/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/18/1991	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/18/1991	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/18/1991	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/18/1991	0	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/18/1991	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/18/1991	0	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/29/1992	0	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/29/1992	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/29/1992	0	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/29/1992	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/29/1992	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/29/1992	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/6/1992	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/6/1992	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/6/1992	0	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/6/1992	0	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/6/1992	50	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/6/1992	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1992	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1992	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1992	0	MOUTH	Unknown	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/10/1992	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1992	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1992	0	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1992	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/15/1992	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/15/1992	0	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1992	625	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1992	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/15/1992	0	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/20/1992	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/20/1992	100	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/20/1992	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/20/1992	50	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/20/1992	50	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/20/1992	0	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1992	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/24/1992	20	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1992	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/24/1992	750	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1992	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1992	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1992	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1992	25	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1992	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1992	400	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1992	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1992	200	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1992	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1992	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1992	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1992	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1992	0	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1992	110	STREAM	Unknown	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/2/1992	50	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1992	230	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1992	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/2/1992	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1992	70	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/2/1992	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/8/1992	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/8/1992	100	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/8/1992	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/8/1992	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/8/1992	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/8/1992	0	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1992	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1992	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1992	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1992	0	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1992	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1992	200	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/18/1992	30	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/18/1992	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/18/1992	40	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/18/1992	30	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/18/1992	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/18/1992	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/27/1992	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/27/1992	80	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/27/1992	20	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/27/1992	0	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/27/1992	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/27/1992	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/1/1992	5	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/1/1992	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/1/1992	0	MOUTH	Unknown	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	9/1/1992	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/1/1992	60	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/1/1992	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/10/1992	0	MOUTH	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/10/1992	0	STREAM	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/10/1992	0	STREAM	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/10/1992	0	BAY	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/10/1992	0	BAY	Unknown	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/10/1992	0	MOUTH	Unknown	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/28/1993	0	STREAM	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/28/1993	0	BAY	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/28/1993	0	BAY	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/28/1993	100	MOUTH	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/28/1993	0	MOUTH	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/28/1993	0	STREAM	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/2/1993	0	STREAM	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/2/1993	10	MOUTH	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/2/1993	0	MOUTH	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/2/1993	900	BAY	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/2/1993	0	STREAM	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/2/1993	0	BAY	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/6/1993	0	MOUTH	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/6/1993	0	STREAM	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/6/1993	0	STREAM	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/6/1993	0	MOUTH	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/6/1993	1100	BAY	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/6/1993	0	BAY	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/12/1993	700	BAY	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/12/1993	0	BAY	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/12/1993	0	MOUTH	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/12/1993	500	MOUTH	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/12/1993	0	STREAM	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/12/1993	0	STREAM	Donaldson, Wa	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/16/1993	400	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/16/1993	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/16/1993	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/16/1993	0	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/16/1993	100	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/16/1993	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/19/1993	0	STREAM	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/19/1993	0	BAY	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/19/1993	0	BAY	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/19/1993	1500	MOUTH	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/19/1993	0	MOUTH	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/19/1993	50	STREAM	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1993	0	STREAM	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1993	0	MOUTH	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1993	0	MOUTH	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1993	2000	BAY	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1993	200	STREAM	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1993	0	BAY	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/26/1993	0	MOUTH	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/26/1993	0	STREAM	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/26/1993	700	STREAM	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/26/1993	350	MOUTH	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/26/1993	0	BAY	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/26/1993	0	BAY	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/29/1993	0	BAY	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/29/1993	800	BAY	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/29/1993	0	MOUTH	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/29/1993	0	MOUTH	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/29/1993	900	STREAM	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/29/1993	0	STREAM	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/3/1993	1100	BAY	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/3/1993	0	STREAM	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/3/1993	300	STREAM	Simpson, Ellen	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/3/1993	200	MOUTH	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/3/1993	0	BAY	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/3/1993	0	MOUTH	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/9/1993	0	STREAM	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/9/1993	50	BAY	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/9/1993	0	BAY	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/9/1993	350	MOUTH	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/9/1993	0	MOUTH	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/9/1993	0	STREAM	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/17/1993	400	STREAM	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/17/1993	0	MOUTH	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/17/1993	300	MOUTH	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/17/1993	500	BAY	Simpson, Ellen	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/17/1993	0	STREAM	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/17/1993	0	BAY	Simpson, Ellen	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1993	800	MOUTH	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1993	0	STREAM	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1993	700	STREAM	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1993	0	MOUTH	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/23/1993	0	BAY	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/23/1993	0	BAY	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/2/1993	0	BAY	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/2/1993	0	BAY	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/2/1993	0	MOUTH	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/2/1993	150	MOUTH	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/2/1993	0	STREAM	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/2/1993	400	STREAM	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/15/1993	0	MOUTH	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/15/1993	5	STREAM	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/15/1993	0	STREAM	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/15/1993	0	BAY	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/15/1993	0	BAY	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/15/1993	0	MOUTH	Donaldson, Wa	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	6/13/1994	0	BAY	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/13/1994	0	BAY	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/13/1994	0	MOUTH	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/13/1994	0	MOUTH	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1994	0	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1994	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1994	0	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1994	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1994	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1994	0	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/4/1994	0	MOUTH	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/4/1994	0	STREAM	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/4/1994	100	BAY	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/4/1994	0	BAY	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/4/1994	0	STREAM	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/4/1994	0	MOUTH	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1994	0	STREAM	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1994	0	STREAM	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1994	0	MOUTH	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1994	20	MOUTH	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1994	1500	BAY	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1994	200	BAY	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/15/1994	0	BAY	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/15/1994	200	MOUTH	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1994	50	MOUTH	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/15/1994	0	STREAM	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/15/1994	0	STREAM	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/15/1994	1100	BAY	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1994	1200	BAY	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1994	0	STREAM	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1994	50	STREAM	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/22/1994	0	BAY	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/22/1994	500	MOUTH	Donaldson, Wa	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/22/1994	0	MOUTH	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1994	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1994	480	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1994	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1994	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1994	600	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1994	350	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/1/1994	0	STREAM	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/1/1994	270	MOUTH	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/1/1994	0	MOUTH	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/1/1994	80	BAY	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/1/1994	380	STREAM	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/1/1994	0	BAY	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/7/1994	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/7/1994	300	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/7/1994	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/7/1994	1000	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/7/1994	0	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/7/1994	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/13/1994	610	BAY	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/13/1994	0	BAY	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/13/1994	0	MOUTH	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/13/1994	0	MOUTH	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/13/1994	200	STREAM	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/13/1994	0	STREAM	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/19/1994	0	MOUTH	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/19/1994	0	STREAM	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/19/1994	0	MOUTH	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/19/1994	100	BAY	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/19/1994	150	STREAM	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/19/1994	0	BAY	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/29/1994	750	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/29/1994	0	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/29/1994	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/29/1994	600	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/29/1994	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/29/1994	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/7/1994	190	STREAM	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/7/1994	0	MOUTH	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/7/1994	0	MOUTH	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/7/1994	0	BAY	Donaldson, Wa	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/7/1994	0	STREAM	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/7/1994	0	BAY	Donaldson, Wa	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/21/1995	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/21/1995	0	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/21/1995	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/21/1995	0	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/21/1995	40	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/21/1995	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/27/1995	0	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1995	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/27/1995	0	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1995	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/27/1995	0	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/27/1995	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/6/1995	0	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/6/1995	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/6/1995	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/6/1995	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/6/1995	0	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/6/1995	0	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/12/1995	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/12/1995	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/12/1995	0	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/12/1995	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/12/1995	950	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/12/1995	100	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/19/1995	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/19/1995	35	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/19/1995	100	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/19/1995	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/19/1995	1000	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/19/1995	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/24/1995	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/24/1995	150	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1995	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/24/1995	850	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/24/1995	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/24/1995	50	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/1/1995	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/1/1995	1100	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/1/1995	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/1/1995	650	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/1/1995	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/1/1995	150	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/8/1995	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/8/1995	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/8/1995	1000	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/8/1995	1700	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/8/1995	400	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/8/1995	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1995	0	MOUTH	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1995	1100	STREAM	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/14/1995	0	STREAM	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1995	0	BAY	Morstad, Slim	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/14/1995	1400	BAY	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/14/1995	300	MOUTH	Morstad, Slim	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/19/1995	50	STREAM	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/19/1995	100	BAY	Johnson, Jay	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/19/1995	1800	BAY	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/19/1995	950	MOUTH	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/19/1995	50	MOUTH	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/19/1995	50	STREAM	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/26/1995	250	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/26/1995	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/26/1995	700	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/26/1995	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/26/1995	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/26/1995	900	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/5/1995	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/5/1995	900	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/5/1995	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/5/1995	350	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/5/1995	0	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/5/1995	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/28/1995	0	BAY	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/28/1995	0	BAY	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/28/1995	0	MOUTH	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/28/1995	0	MOUTH	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/28/1995	0	STREAM	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/28/1995	0	STREAM	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1996		MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1996		STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1996		STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1996	0	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1996	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1996		MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/2/1996	0	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/2/1996	500	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/2/1996	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/2/1996	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/2/1996	550	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/2/1996	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1996	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1996	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/10/1996	800	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1996	1800	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1996	0	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/10/1996	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1996	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1996	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/18/1996	75	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1996	800	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1996	2000	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/18/1996	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1996	600	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1996	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1996	700	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1996	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1996	425	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1996	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/15/1996	50	MOUTH	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/15/1996	0	STREAM	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/15/1996	0	MOUTH	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/15/1996	2000	BAY	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/15/1996	100	STREAM	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/15/1996	0	BAY	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1996	0	STREAM	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1996	0	BAY	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1996	0	BAY	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/21/1996	500	MOUTH	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/21/1996	0	MOUTH	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1996	100	STREAM	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/4/1996	400	STREAM	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/4/1996	300	MOUTH	Johnson, Jay	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	9/4/1996	0	MOUTH	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/4/1996		BAY	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/4/1996	0	STREAM	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/4/1996		BAY	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/20/1996	100	STREAM	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/20/1996	0	STREAM	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/20/1996	10	UNKNOWN	Johnson, Jay	Other fixed-wing	Coho Salmon
221-40-00093	Kirkwood Creek	9/20/1996	0	MOUTH	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/20/1996	0	MOUTH	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/20/1996		BAY	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/20/1996		BAY	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1997	300	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1997	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1997	0	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1997	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1997	0	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1997	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1997	200	BAY	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1997	0	STREAM	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1997	0	STREAM	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1997	0	BAY	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/1/1997	0	MOUTH	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/1/1997	0	MOUTH	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/3/1997	0	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/3/1997	0	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/3/1997	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/3/1997	600	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/3/1997	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/3/1997	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/9/1997	0	STREAM	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/9/1997	0	MOUTH	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/9/1997	0	MOUTH	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/9/1997	0	BAY	Johnson, Jay	Other fixed-wing	Pink Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/9/1997	0	STREAM	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/9/1997	2500	BAY	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/14/1997	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/14/1997	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/14/1997	0	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1997	1600	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1997	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/14/1997	0	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/19/1997	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/19/1997	0	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/19/1997	75	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/19/1997	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/19/1997	0	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/19/1997	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1997	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1997	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1997	150	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1997	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/31/1997	100	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/31/1997	550	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/6/1997	100	BAY	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/6/1997	0	BAY	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/6/1997	1000	MOUTH	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/6/1997	0	MOUTH	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/6/1997	100	STREAM	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/6/1997	50	STREAM	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/15/1997	750	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/15/1997	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/15/1997	120	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/15/1997	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/15/1997	1000	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/15/1997	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1997	0	STREAM	Johnson, Jay	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/21/1997	100	BAY	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/21/1997	750	STREAM	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/21/1997	500	MOUTH	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1997	0	MOUTH	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1997	0	BAY	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/2/1997		BAY	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/2/1997	0	MOUTH	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/2/1997	0	MOUTH	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/2/1997	400	STREAM	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/2/1997	0	STREAM	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/2/1997		BAY	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/16/1997	0	MOUTH	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/16/1997	50	STREAM	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/16/1997		BAY	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/16/1997		BAY	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/16/1997	0	STREAM	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/16/1997	0	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1998	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1998	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1998	0	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1998	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	6/24/1998	0	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	6/24/1998	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/2/1998	0	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/2/1998	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/2/1998	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/2/1998	0	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/2/1998	0	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/2/1998	0	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1998	0	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1998	1000	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1998	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/8/1998	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	7/8/1998	1200	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/8/1998	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/14/1998	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/14/1998	2000	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1998	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/14/1998	10	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/14/1998	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/14/1998	800	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/20/1998	0	MOUTH	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/20/1998	1000	STREAM	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/20/1998	0	BAY	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/20/1998	1000	BAY	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/20/1998	1000	MOUTH	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/20/1998	0	STREAM	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1998	450	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1998	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1998	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	7/27/1998	2000	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1998	5000	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	7/27/1998	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/4/1998	1000	BAY	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1998	0	MOUTH	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/4/1998	1000	MOUTH	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1998	500	STREAM	Sharp, Dan	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/4/1998	0	STREAM	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/4/1998	0	BAY	Sharp, Dan	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1998	500	BAY	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1998	0	STREAM	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1998	300	STREAM	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1998	400	MOUTH	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/12/1998	0	BAY	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/12/1998	0	MOUTH	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1998	0	BAY	Johnson, Jay	Other fixed-wing	Pink Salmon

OUT_S_ESC_SURVEY_OBSERVATION by stream

STREAM_CF_CODE	STREAM_CF_NAME	OBS_DATE	NUMBERS	SURVEY_SECTION_TYPE	OBSERVER	SURVEY_TYPE	SPECIES
221-40-00093	Kirkwood Creek	8/21/1998	0	BAY	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1998	1000	MOUTH	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/21/1998	0	MOUTH	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	8/21/1998	300	STREAM	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	8/21/1998	0	STREAM	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/5/1998	0	STREAM	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/5/1998	0	BAY	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/5/1998	0	BAY	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/5/1998	0	MOUTH	Johnson, Jay	Other fixed-wing	Pink Salmon
221-40-00093	Kirkwood Creek	9/5/1998	0	MOUTH	Johnson, Jay	Other fixed-wing	Chum Salmon
221-40-00093	Kirkwood Creek	9/5/1998	250	STREAM	Johnson, Jay	Other fixed-wing	Pink Salmon