

Anderson, Skyler@Waterboards

From: Toz Soto <tsoto@karuk.us>
Sent: Tuesday, February 17, 2015 1:23 PM
To: Anderson, Skyler@Waterboards
Subject: RE: Stanshaw Creek
Attachments: flow record 1996-2014 stanshaw.xlsx

Hey Skyler

Attached is our working flow database we share with the Forest Service. Measurements are taken using a Swoffer Velocity meter using a standard protocol for calculating cfs. In the spreadsheet, data labeled Stanshaw Creek are measurements collected in the creek, mostly below the diversion point, but with a few above. The data labeled Stanshaw Creek Diversion are measurements collected directly in the diversion ditch, most are collected near the outlet before it flows into Irving Creek. I included our entire flow record for local mid Klamath tributaries, it should provide a better perspective when looking at Stanshaw flows. Ti Creek, Sandy Bar and Rodgers Creek are comparable streams with similar sized watershed areas and location. Let me know if you need further explanation with this data.
toz

From: Anderson, Skyler@Waterboards [Skyler.Anderson@waterboards.ca.gov]
Sent: Friday, February 13, 2015 12:31 PM
To: Toz Soto
Subject: RE: Stanshaw Creek

Thank you for sending over the photos so fast. I notice the stage gauge in one of the photos and also recall that you said you have flow data for Stanshaw Creek. Could you share any flow data that you have or are aware of?

Thank you,

Skyler Anderson, Environmental Scientist
Enforcement Unit 5, Division of Water Rights
State Water Resources Control Board
1001 I Street, 14th Floor
Sacramento, CA 95814
Phone: 916-341-5355
Email: sanderson@waterboards.ca.gov

From: Toz Soto [mailto:tsoto@karuk.us]
Sent: Friday, February 13, 2015 12:16 PM
To: Anderson, Skyler@Waterboards
Subject: RE: Stanshaw Creek

Here are the photos, note that the name Stenshaw is misspelled on the photo labels.
thanks
toz

From: Anderson, Skyler@Waterboards [Skyler.Anderson@waterboards.ca.gov]
Sent: Friday, February 13, 2015 10:49 AM
To: Toz Soto
Subject: RE: Stanshaw Creek

Toz,

Do you still have the photos of the dead fish from 2009?

Thank you,

Skyler Anderson, Environmental Scientist
Enforcement Unit 5, Division of Water Rights
State Water Resources Control Board
1001 I Street, 14th Floor
Sacramento, CA 95814
Phone: 916-341-5355
Email: sanderson@waterboards.ca.gov

From: Toz Soto [<mailto:tsoto@karuk.us>]
Sent: Wednesday, January 28, 2015 9:43 AM
To: Anderson, Skyler@Waterboards
Subject: RE: Stanshaw Creek

Hello Skyler

Sorry its taken so long to respond, I was on vacation when this email was received and it got lost is my inbox.

I've observed fish mortality in Stanshaw creek only once back in 2009, but believe it occurs more often during drought years when water supply is limited. The dead fish were found in the off channel pond fed by Stanshaw Creek that is located along the mainstem Klamath River floodplain near the mouth of Stanshaw Creek , a description of the pond is included in the attached habitat report by Ross Taylor. The report was also recently shared with Taro Murano of the Waterboard. I documented the mortality in the off channel pond with photos, but did not do a write up. I believe the cause of mortality was simply lack of flow entering the pond, a minimal amount of flow is needed to maintain volume and suitable water quality conditions for juvenile salmon. I found one dead juvenile coho salmon and five dead juvenile steelhead in late July of 2009. I believe the fish died from temperature shock after the flows into the pond were reduced by the Marble Mtn Ranch diversion to a point where the pond had lost enough volume and depth to be cold enough to support fish. At the time, the pond was fed by a side channel of Stanshaw Creek, but since that time our fisheries crews have manually redirected the majority of flows in to the pond by simply moving rocks to enhance flow to the off channel pond.

I can be reached at 530-627-3116 ext 1 if you wish to discuss these issues or send additional questions.
thanks

toz

Toz Soto
Karuk Department of Natural Resources
Fisheries Program Coordinator

From: Anderson, Skyler@Waterboards [Skyler.Anderson@waterboards.ca.gov]
Sent: Monday, January 05, 2015 2:14 PM
To: Toz Soto
Subject: Stanshaw Creek

Toz,

My name is Skyler Anderson and I work in the Division of Water Rights for the State Water Resources Control Board. I am writing to you in regards to the Marble Mountain stakeholders meeting on the 17th of December 2014 in Orleans. Some of the Stake holders at the meeting have indicated that you may have information on fish kills in Stanshaw Creek? If you do have information on any fish kills in Stanshaw Creek can you forward me that information. Also, I would be interested in receiving any documents pertaining to habitat study's or spawning surveys in Stanshaw Creek.

Thank you,

Skyler Anderson, Environmental Scientist
Enforcement Unit 5, Division of Water Rights
State Water Resources Control Board
1001 I Street, 14th Floor
Sacramento, CA 95814
Phone: 916-341-5355
Email: sanderson@waterboards.ca.gov

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and
Klamath and Six Rivers National Forests
(1996 to 2012 Estimates)

STREAM	DATE SURVEYED	DATA SAMPLING LOCATION ³	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Aikens	10/08/12	16+00 Just below logger site	0.5	NO	Orleans RD
Aikens	08/01/12	campground, then up approx. 35'	1.7	NO	Karuk Tribe
Aikens	08/13/12	campground, then up approx. 35'	4.0	NO	Karuk Tribe
Aikens	08/29/11	campground, then up approx. 35'	1.1	NO	Karuk Tribe
Aikens	07/18/11	campground, then up approx. 35'	1.4	NO	Karuk Tribe
Aikens	06/29/11	campground, then up approx. 35'	4.0	NO	Karuk Tribe
Aikens	06/13/11	campground, then up approx. 35'	7.5	NO	Karuk Tribe
Aikens	09/29/10	16+00 Just below logger site	1.3	NO	Orleans RD
Aikens	09/15/10	16+00 Just below logger site	1.6	NO	Orleans RD
Aikens	08/31/10	16+00 Just below logger site	1.9	NO	Orleans RD
Aikens	08/24/10	1st Fork to Right after rd, turns to gravel in A.C.	2.6	NO	Karuk Tribe
Aikens	08/19/10	16+00 Just below logger site	2.0	NO	Orleans RD
Aikens	08/05/10	16+00 Just below logger site	2.7	NO	Orleans RD
Aikens	08/02/10	1st Fork to Right after rd, turns to gravel in A.C.	3.9	NO	Karuk Tribe
Aikens	07/12/10	1st Fork to Right after rd, turns to gravel in A.C.	3.9	NO	Karuk Tribe
Aikens	09/24/09	100' below decom. ck. access	0.5	NO	Orleans RD
Aikens	09/02/09	1st Fork to Right after rd, turns to gravel in A.C.	1.1	NO	Karuk Tribe
Aikens	07/30/09	1st Fork to Right after rd, turns to gravel in A.C.	1.2	NO	Karuk Tribe
Aikens	06/30/09	1st Fork to Right after rd, turns to gravel in A.C.	2.9	NO	Karuk Tribe
Aikens	09/25/08	100' below decom. ck. access	0.7	YES	Orleans RD
Aikens	07/29/08	1st Fork to Right after rd, turns to gravel in A.C.	2.0	NO	Karuk Tribe
Aikens	06/23/08	1st Fork to Right after rd, turns to gravel in A.C.	3.7	NO	Karuk Tribe
Aikens	09/19/07	100' below decom. ck. access	0.8	NO	Orleans RD
Aikens	08/01/07	1st Fork to Right after rd, turns to gravel in A.C. campground, then up approx. 35'	2.3	-	Karuk Tribe
Aikens	06/26/07	1st Fork to Right after rd, turns to gravel in A.C. campground, then up approx. 35'	3.5	-	Karuk Tribe
Aikens	09/18/06	100 feet upstream from CG	1.8	YES	Orleans RD
Aikens	09/05/06	1st Fork to Right after rd, turns to gravel in A.C. campground, then up approx. 35'	1.7	NO	Karuk Tribe
Aikens	08/08/06	1st Fork to Right after rd, turns to gravel in A.C.	2.5	NO	Karuk Tribe
Aikens	07/07/06	1st Fork to Right after rd, turns to gravel in A.C. campground, then up approx. 35'	3.7	NO	Karuk Tribe
Aikens	06/14/06	1st Fork to Right after rd, turns to gravel in A.C. campground, then up approx. 35'	5.6	NO	Karuk Tribe
Aikens	10/11/05	100 feet upstream from CG	0.9	YES	Orleans RD
Aikens	09/23/05	35' up from A.C. campground	1.6	-	Karuk Tribe
Aikens	08/03/05	35' up from A.C. campground	2.8	-	Karuk Tribe
Aikens	07/07/05	35' up from A.C. campground	6.6	-	Karuk Tribe
Aikens	06/10/05	35' up from A.C. campground	9.5	-	Karuk Tribe
Aikens	09/21/04	100 feet upstream from CG	0.7	-	Orleans RD
Aikens	08/30/04	35' up from A.C. campground	1.3	-	Karuk Tribe
Aikens	08/17/04	35' up from A.C. campground	1.5	-	Karuk Tribe
Aikens	07/30/04	35' up from A.C. campground	1.8	-	Karuk Tribe
Aikens	07/06/04	35' up from A.C. campground	4.1	-	Karuk Tribe
Aikens	06/01/04	35' up from A.C. campground	3.8	-	Karuk Tribe
Aikens	10/16/03	35' up from A.C. campground	1.0	-	Karuk Tribe
Aikens	09/26/03	150' from mouth	0.9	-	Orleans RD
Aikens	09/03/02	35' up from A.C. campground	1.0	-	Karuk Tribe
Aikens	07/08/02	1st fork right after rd turns to grave	2.3	-	Karuk Tribe
Aikens	06/19/97	150' from mouth	2.7	-	Orleans RD
Bluff	10/08/12	150' Downstream of Hwy 96 Bridge	47.4	NO	Orleans RD
Bluff	08/06/12	Approx. 70 ft. up from Hwy. 96 Bridge	58.4	NO	Karuk Tribe
Bluff	06/13/12	Approx. 70 ft. up from Hwy. 96 Bridge	123.8	NO	Karuk Tribe
Bluff	08/29/11	Approx. 70 ft. up from Hwy. 96 Bridge	57.3	NO	Karuk Tribe
Bluff	07/27/11	Approx. 70 ft. up from Hwy. 96 Bridge	112.5	NO	Karuk Tribe
Bluff	09/30/10	100' below Hwy 96 Bridge	42.2	NO	Orleans RD
Bluff	09/16/10	10' above Hwy 96 Bridge	30.6	NO	Orleans RD
Bluff	08/31/10	150' below Hwy 96 Bridge	51.4	NO	Orleans RD
Bluff	08/28/10	Approx. 70 ft. up from Hwy. 96 Bridge	70.1	NO	Karuk Tribe
Bluff	08/19/10	150' below Hwy 96 Bridge	74.3	NO	Orleans RD
Bluff	08/05/10	150' below Hwy 96 Bridge	67.5	NO	Orleans RD
Bluff	08/04/10	Approx. 70 ft. up from Hwy. 96 Bridge	84.8	NO	Karuk Tribe
Bluff	07/12/10	Approx. 70 ft. up from Hwy. 96 Bridge	155.8	NO	Karuk Tribe
Bluff	09/24/09	300' below Hwy 96 Bridge	38.1	NO	Orleans RD
Bluff	09/02/09	Approx. 70 ft. up from Hwy. 96 Bridge	39.7	NO	Karuk Tribe
Bluff	07/30/09	Approx. 70 ft. up from Hwy. 96 Bridge	54.3	NO	Karuk Tribe
Bluff	06/30/09	Approx. 70 ft. up from Hwy. 96 Bridge	94.5	NO	Karuk Tribe
Bluff	09/25/08	300' below Hwy 96 Bridge	39.3	YES	Orleans RD
Bluff	07/31/08	Approx. 70 ft. up from Hwy. 96 Bridge	74.5	NO	Karuk Tribe
Bluff	06/23/08	Approx. 70 ft. up from Hwy. 96 Bridge	130.6	NO	Karuk Tribe
Bluff	09/19/07	300' below Hwy 96 Bridge	31.2	NO	Orleans RD
Bluff	08/01/07	Approx. 70 ft. up from Hwy. 96 Bridge	68.3	NO	Karuk Tribe
Bluff	06/26/07	Approx. 70 ft. up from Hwy. 96 Bridge	93.3	NO	Karuk Tribe
Bluff	09/20/06	150' below Hwy 96 Bridge	51.8	YES	Orleans RD
Bluff	09/05/06	Approx. 70 ft. up from Hwy. 96 Bridge	38.4	NO	Karuk Tribe
Bluff	08/08/06	Approx. 70 ft. up from Hwy. 96 Bridge	60.6	NO	Karuk Tribe
Bluff	07/07/06	Approx. 70 ft. up from Hwy. 96 Bridge	100.0	NO	Karuk Tribe
Bluff	10/11/05	50' below Hwy 96 Bridge	50.8	YES	Orleans RD
Bluff	09/23/05	Near Hwy 96 Bridge	51.7	-	Karuk Tribe
Bluff	09/21/04	80' below 96 bridge	38.7	-	Orleans RD
Bluff	08/30/04	70' above 96 bridge	44.1	-	Karuk Tribe
Bluff	08/17/04	70' above 96 bridge	48.0	-	Karuk Tribe
Bluff	07/30/04	70' above 96 bridge	59.7	-	Karuk Tribe
Bluff	07/06/04	70' above 96 bridge	79.0	-	Karuk Tribe
Bluff	10/16/03	70' above 96 bridge	29.6	-	Karuk Tribe
Bluff	09/25/03	50' below Hwy 96 bridge	44.5	-	Orleans RD
Bluff	09/03/02	70' above 96 bridge	27.3	-	Karuk Tribe
Bluff	07/31/02	70' above 96 bridge	80.9	-	Karuk Tribe
Bluff	10/08/01	500' below 96 bridge	27.5	-	Orleans RD
Bluff	09/05/01	500' below 96 bridge	52.4	-	Orleans RD
Bluff	11/20/00	400' below 96 bridge	54.8	-	Orleans RD
Bluff	07/12/00	400' below 96 bridge	153.2	YES	Orleans RD
Bluff	08/30/99	300' below 96 bridge	79.2	-	Orleans RD
Bluff	09/25/98	80' below 96 bridge	31.5	YES	Orleans RD
Bluff	08/17/98	0.1 mile above mouth	62.8	-	Orleans RD
Bluff	08/22/97	60' below 96 bridge	52.1	-	Orleans RD

**Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and
Klamath and Six Rivers National Forests
(1996 to 2012 Estimates)**

STREAM	DATE SURVEYED	DATA SAMPLING LOCATION ³	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Slate	10/03/12	1000' Upstream of Hwy 96 bridge	1.5	NO	Orleans RD
Slate	08/01/12	20 ft above bridge	5.2	NO	Karuk Tribe
Slate	08/13/12	20 ft above bridge	14.4	NO	Karuk Tribe
Slate	08/29/11	20 ft above bridge	5.9	NO	Karuk Tribe
Slate	07/18/11	20 ft above bridge	9.4	NO	Karuk Tribe
Slate	06/29/11	20 ft above bridge	13.4	NO	Karuk Tribe
Slate	06/13/11	20 ft above bridge	16.7	NO	Karuk Tribe
Slate	09/30/10	Below Hwy 96 bridge	4.7	NO	Orleans RD
Slate	09/16/10	10' above Hwy 96 bridge	4.1	NO	Orleans RD
Slate	08/31/10	10' above Hwy 96 bridge	5.3	NO	Orleans RD
Slate	08/24/10	20 ft above bridge	5.2	NO	Karuk Tribe
Slate	08/19/10	10' above Hwy 96 bridge	6.5	NO	Orleans RD
Slate	08/05/10	20' above Hwy 96 bridge	8.1	NO	Orleans RD
Slate	08/02/10	20 ft above bridge	8.2	NO	Karuk Tribe
Slate	07/12/10	20 ft above bridge	19.1	NO	Karuk Tribe
Slate	09/23/09	200 ft. above Hwy 96 bridge	2.3	NO	Orleans RD
Slate	09/02/09	20 ft above bridge	2.3	NO	Karuk Tribe
Slate	06/30/09	20 ft above bridge	7.7	NO	Karuk Tribe
Slate	09/25/08	200 ft. above Hwy 96 bridge	2.3	YES	Orleans RD
Slate	07/29/08	Approx. 295 ft. up from Hwy. 96 Bridge	4.3	NO	Karuk Tribe
Slate	06/23/08	Approx. 295 ft. up from Hwy. 96 Bridge	8.9	NO	Karuk Tribe
Slate	09/19/07	25 ft. above Hwy 96 bridge	2.3	NO	Orleans RD
Slate	08/01/07	Approx. 295 ft. up from Hwy. 96 Bridge	5.3	NO	Karuk Tribe
Slate	06/26/07	Approx. 295 ft. up from Hwy. 96 Bridge	7.9	NO	Karuk Tribe
Slate	09/18/06	Hwy 96 bridge	3.2	YES	Orleans RD
Slate	09/05/06	Approx. 295 ft. up from Hwy. 96 Bridge	4.3	NO	Karuk Tribe
Slate	08/08/06	Approx. 295 ft. up from Hwy. 96 Bridge	5.6	NO	Karuk Tribe
Slate	07/07/06	Approx. 295 ft. up from Hwy. 96 Bridge	9.0	NO	Karuk Tribe
Slate	06/14/06	Approx. 295 ft. up from Hwy. 96 Bridge	15.4	NO	Karuk Tribe
Slate	10/11/05	75' above Hwy 96 bridge	3.7	YES	Orleans RD
Slate	09/23/05	295' above Hwy 96 bridge	4.7	NO	Karuk Tribe
Slate	08/03/05	295' above Hwy 96 bridge	7.3	NO	Karuk Tribe
Slate	07/07/05	295' above Hwy 96 bridge	13.1	NO	Karuk Tribe
Slate	06/10/05	295' above Hwy 96 bridge	26.5	NO	Karuk Tribe
Slate	09/21/04	250' above 96 bridge	2.8	-	Orleans RD
Slate	08/30/04	295' above Hwy 96 bridge	2.7	NO	Karuk Tribe
Slate	08/17/04	295' above Hwy 96 bridge	2.9	NO	Karuk Tribe
Slate	07/30/04	295' above Hwy 96 bridge	3.8	NO	Karuk Tribe
Slate	07/06/04	295' above Hwy 96 bridge	4.3	NO	Karuk Tribe
Slate	06/01/04	295' above Hwy 96 bridge	10.0	NO	Karuk Tribe
Slate	10/21/03	295' above Hwy 96 bridge	4.8	-	Karuk Tribe
Slate	09/25/03	90' above Hwy 96 bridge	4.1	-	Orleans RD
Slate	11/07/02	250' above 96 bridge	1.5	-	Orleans RD
Slate	09/11/02	250' above 96 bridge	2.7	-	Orleans RD
Slate	09/03/02	295' above Hwy 96 bridge	1.9	NO	Karuk Tribe
Slate	07/08/02	295' above Hwy 96 bridge	7.5	NO	Karuk Tribe
Slate	09/05/01	250' from 96 bridge	2.4	-	Orleans RD
Slate	07/10/00	250' from 96 bridge	5.5	YES	Orleans RD
Slate	08/27/99	Mile marker 5+70	3.8	-	Orleans RD
Slate	09/28/98	150' below 96 bridge	0.9	YES	Orleans RD
Slate	08/17/98	0.1 mile above mouth	3.2	-	Orleans RD
Slate	08/22/97	40' below 96 bridge	3.4	-	Orleans RD
Slate	06/18/97	300' above 96 bridge	8.0	-	Orleans RD
Red Cap	10/08/12	River mile 117+45	15.8	NO	Orleans RD
Red Cap	08/06/12	Down track upstream of bridge, then approx. 50' upstream	33.9	NO	Karuk Tribe
Red Cap	06/13/12	Down track upstream of bridge, then approx. 50' upstream	73.8	NO	Karuk Tribe
Red Cap	08/30/11	Down track upstream of bridge, then approx. 50' upstream	25.6	NO	Karuk Tribe
Red Cap	07/27/11	Down track upstream of bridge, then approx. 50' upstream	37.8	NO	Karuk Tribe
Red Cap	07/01/11	Down track upstream of bridge, then approx. 50' upstream	123.8	NO	Karuk Tribe
Red Cap	06/13/11	Down track upstream of bridge, then approx. 50' upstream	247.0	NO	Karuk Tribe
Red Cap	09/29/10	River mile 120+85	22.9	NO	Orleans RD
Red Cap	09/16/10	River mile 120+85	22.1	NO	Orleans RD
Red Cap	08/31/10	River mile 120+85	40.0	NO	Orleans RD
Red Cap	08/24/10	Down track upstream of bridge, then approx. 50' upstream	22.9	NO	Karuk Tribe
Red Cap	08/05/10	River mile 120+85	35.7	NO	Orleans RD
Red Cap	08/02/10	Down track upstream of bridge, then approx. 50' upstream	49.9	NO	Karuk Tribe
Red Cap	07/12/10	Down track upstream of bridge, then approx. 50' upstream	58.4	NO	Karuk Tribe
Red Cap	09/24/09	River mile 81+50	13.4	NO	Orleans RD
Red Cap	07/01/09	Down track upstream of bridge, then approx. 50' upstream	39.2	NO	Karuk Tribe
Red Cap	09/24/08	River mile 81+50	16.8	YES	Orleans RD
Red Cap	07/31/08	Down track upstream of bridge, then approx. 50' upstream	29.3	NO	Karuk Tribe
Red Cap	06/23/08	Down track upstream of bridge, then approx. 50' upstream	53.4	NO	Karuk Tribe
Red Cap	09/20/07	River mile 81+50	18.4	NO	Orleans RD
Red Cap	08/08/07	Down track upstream of bridge, then approx. 50' upstream	30.1	NO	Karuk Tribe
Red Cap	06/26/07	Down track upstream of bridge, then approx. 50' upstream	51.0	NO	Karuk Tribe
Red Cap	09/21/06	River mile 81+50	19.8	YES	Orleans RD
Red Cap	09/05/06	Down track upstream of bridge, then approx. 50' upstream	17.6	NO	Karuk Tribe
Red Cap	08/08/06	Down track upstream of bridge, then approx. 50' upstream	24.7	NO	Karuk Tribe
Red Cap	07/10/06	Down track upstream of bridge, then approx. 50' upstream	46.5	NO	Karuk Tribe
Red Cap	06/14/06	Down track upstream of bridge, then approx. 50' upstream	96.9	NO	Karuk Tribe
Red Cap	10/12/05	River mile 81+50	20.3	YES	Orleans RD
Red Cap	09/27/05	Near mouth at first bridge	16.3	-	Karuk Tribe
Red Cap	08/04/05	Near mouth at first bridge	30.0	-	Karuk Tribe

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and Klamath and Six Rivers National Forests (1996 to 2012 Estimates)						
STREAM	TRIBUTARY	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Red Cap		Near mouth at first bridge	07/07/05	61.3	-	Karuk Tribe
Red Cap		Near mouth at first bridge	06/10/05	117.8	-	Karuk Tribe
Red Cap		30' below Allen Creek	09/22/04	18.8	-	Orleans RD
Red Cap		Near mouth at first bridge	08/31/04	9.2	-	Karuk Tribe
Red Cap		Near mouth at first bridge	07/30/04	18.2	-	Karuk Tribe
Red Cap		Near mouth at first bridge	06/03/04	62.2	-	Karuk Tribe
Red Cap		50' above path upstream of bridge	10/16/03	15.0	-	Karuk Tribe
Red Cap		Approx 1.6 miles above mouth	09/25/03	18.8	-	Orleans RD
Red Cap		100' downstream of bridge	11/07/02	6.1	-	Orleans RD
Red Cap		100' downstream of bridge	09/11/02	12.7	-	Orleans RD
Red Cap		50' above path upstream of bridge	09/03/02	8.2	-	Karuk Tribe
Red Cap		50' above path upstream of bridge	07/31/02	26.9	-	Karuk Tribe
Red Cap		50' above path upstream of bridge	06/24/02	42.0	-	Karuk Tribe
Red Cap		150' downstream of private bridge	09/05/01	11.0	-	Orleans RD
Red Cap		500' above mouth	11/01/00	26.3	-	Orleans RD
Red Cap		150' downstream of private bridge	07/10/00	43.2	YES	Orleans RD
Red Cap		100' downstream of bridge	09/03/99	26.2	-	Orleans RD
Red Cap		Mile marker 4+70	09/28/98	8.4	YES	Orleans RD
Red Cap		500' above mouth	08/17/98	22.4	-	Orleans RD
Red Cap		500' above mouth	08/22/97	25.7	-	Orleans RD
Red Cap		0.1 miles above mouth	08/23/97	48.9	-	Orleans RD
Boise	na	50' upstream from bridge	10/08/12	4.8	NO	Orleans RD
Boise		30' upstream from bridge	09/29/10	6.6	NO	Orleans RD
Boise		30' upstream from bridge	09/15/10	6.3	NO	Orleans RD
Boise		30' upstream from bridge	08/31/10	8.0	NO	Orleans RD
Boise		30' upstream from bridge	08/19/10	8.1	NO	Orleans RD
Boise		30' upstream from bridge	08/05/10	10.7	NO	Orleans RD
Boise		Beneath bridge	09/24/09	4.4	NO	Orleans RD
Boise		50 feet below bridge	09/24/08	5.4	YES	Orleans RD
Boise		50 feet below bridge	09/20/07	6.1	NO	Orleans RD
Boise		50 feet below bridge	09/21/06	5.1	YES	Orleans RD
Boise		50 feet above bridge	10/12/05	4.9	YES	Orleans RD
Boise		50 feet above bridge	09/22/04	4.2	-	Orleans RD
Boise		30' below Red Cap Crk Rd bridge	08/31/04	4.4	-	Karuk Tribe
Boise		30' below Red Cap Crk Rd bridge	07/30/04	6.7	-	Karuk Tribe
Boise		30' below Red Cap Crk Rd bridge	06/03/04	12.1	-	Karuk Tribe
Boise		30' below Red Cap Crk Rd bridge	10/16/03	4.6	-	Karuk Tribe
Boise		Under Bridge	09/25/03	7.1	-	Orleans RD
Boise		Under bridge	11/07/02	1.9	-	Orleans RD
Boise		Under bridge	09/11/02	4.1	-	Orleans RD
Boise		30' below Red Cap Crk Rd bridge	09/03/02	2.6	-	Karuk Tribe
Boise		30' below Red Cap Crk Rd bridge	07/31/02	7.0	-	Karuk Tribe
Boise		Under county rd. bridge	09/05/01	2.5	-	Orleans RD
Boise		Under bridge	11/19/00	6.7	YES	Orleans RD
Boise		Under county rd. bridge	07/10/00	16.7	YES	Orleans RD
Boise		Under bridge	09/03/99	6.1	YES	Orleans RD
Boise		100' downstream of bridge	09/28/98	2.4	YES	Orleans RD
Boise		0.01 miles above mouth	08/17/98	5.8	-	Orleans RD
Boise		40' below bridge	08/22/97	4.7	-	Orleans RD
Uliathorne	na	200' upstream of Hwy 96 crossing	08/01/12	1.1	NO	Karuk Tribe
Uliathorne		200' upstream of Hwy 96 crossing	06/13/12	1.1	NO	Karuk Tribe
Uliathorne		200' upstream of Hwy 96 crossing	08/28/11	1.0	NO	Karuk Tribe
Uliathorne		200' upstream of Hwy 96 crossing	08/27/11	1.7	NO	Karuk Tribe
Uliathorne		200' upstream of Hwy 96 crossing	07/29/11	3.1	NO	Karuk Tribe
Uliathorne		200' upstream of Hwy 96 crossing	06/13/11	3.7	NO	Karuk Tribe
Uliathorne		200' upstream of Hwy 96 crossing	08/24/10	1.3	NO	Karuk Tribe
Uliathorne		200' upstream of Hwy 96 crossing	08/02/10	2.7	NO	Karuk Tribe
Uliathorne		200' upstream of Hwy 96 crossing	07/13/10	2.9	NO	Karuk Tribe
Uliathorne		200' upstream of Hwy 96 crossing	06/30/09	1.3	NO	Karuk Tribe
Uliathorne		200' upstream of Hwy 96 crossing	07/29/08	0.9	NO	Karuk Tribe
Uliathorne		200' upstream of Hwy 96 crossing	07/23/08	1.5	NO	Karuk Tribe
Uliathorne		200 ft. upstream of Hwy. 96	08/08/07	1.0	NO	Karuk Tribe
Uliathorne		200 ft. upstream of Hwy. 96	06/26/07	2.1	NO	Karuk Tribe
Uliathorne		200 ft. upstream of Hwy. 96	09/05/06	0.8	NO	Karuk Tribe
Uliathorne		200 ft. upstream of Hwy. 96	08/08/06	1.1	NO	Karuk Tribe
Uliathorne		200 ft. upstream of Hwy. 96	07/07/06	1.6	NO	Karuk Tribe
Uliathorne		200 ft. upstream of Hwy. 96	08/14/06	3.2	NO	Karuk Tribe
Uliathorne		200' above Hwy 96 crossing	09/23/05	1.1	NO	Karuk Tribe
Uliathorne		200' above Hwy 96 crossing	08/24/05	1.3	NO	Karuk Tribe
Uliathorne		200' above Hwy 96 crossing	07/07/05	2.0	NO	Karuk Tribe
Uliathorne		200' above Hwy 96 crossing	06/10/05	4.7	NO	Karuk Tribe
Uliathorne		200' above Hwy 96 crossing	08/30/04	0.4	NO	Karuk Tribe
Uliathorne		200' above Hwy 96 crossing	08/17/04	0.6	NO	Karuk Tribe
Uliathorne		200' above Hwy 96 crossing	07/30/04	0.7	NO	Karuk Tribe
Uliathorne		200' above Hwy 96 crossing	07/06/04	0.8	NO	Karuk Tribe
Uliathorne		200' above Hwy 96 crossing	06/01/04	2.0	NO	Karuk Tribe
Uliathorne		200' above Hwy 96 crossing	10/16/03	0.7	NO	Karuk Tribe
Uliathorne		50' above Hwy 96 Bridge	09/28/03	0.6	NO	Orleans RD
Uliathorne		200' above Hwy 96 crossing	09/05/02	0.4	NO	Karuk Tribe
Uliathorne		200' above Hwy 96 crossing	07/08/02	1.6	NO	Karuk Tribe
Uliathorne		20' above Hwy 96 bridge	09/19/01	0.3	NO	Orleans RD
Uliathorne		150' above Hwy 96 box culver	11/20/00	0.2	YES	Orleans RD
Crawford	na (Hum)	200 ft. upstream of Hwy. 96	08/06/12	2.1	NO	Karuk Tribe
Crawford		200 ft. upstream of Hwy. 96	06/13/12	4.0	NO	Karuk Tribe
Crawford		200 ft. upstream of Hwy. 96	08/29/11	0.9	NO	Karuk Tribe
Crawford		200 ft. upstream of Hwy. 96	07/27/11	2.3	NO	Karuk Tribe
Crawford		200 ft. upstream of Hwy. 96	06/13/11	3.8	NO	Karuk Tribe
Crawford		200 ft. upstream of Hwy. 96	08/24/10	1.9	NO	Karuk Tribe
Crawford		200 ft. upstream of Hwy. 96	08/04/10	1.9	NO	Karuk Tribe
Crawford		200 ft. upstream of Hwy. 96	08/13/10	2.7	NO	Karuk Tribe
Crawford		200 ft. upstream of Hwy. 96	07/30/09	3.3	NO	Karuk Tribe
Crawford		200 ft. upstream of Hwy. 96	07/30/09	1.2	NO	Karuk Tribe
Crawford		200 ft. upstream of Hwy. 96	06/30/09	1.7	NO	Karuk Tribe
Crawford		200 ft. upstream of Hwy. 96	08/08/07	1.2	NO	Karuk Tribe
Crawford		200 ft. upstream of Hwy. 96	06/26/07	2.5	NO	Karuk Tribe
Crawford		200 ft. upstream of Hwy. 96	09/05/06	1.0	NO	Karuk Tribe
Crawford		200 ft. upstream of Hwy. 96	08/08/06	1.3	NO	Karuk Tribe
Crawford		200 ft. upstream of Hwy. 96	07/07/06	3.2	NO	Karuk Tribe
Crawford		200 ft. upstream of Hwy. 96	06/14/06	4.4	NO	Karuk Tribe
Crawford		200' upstream of Hwy 96 bridge	09/23/05	0.8	NO	Karuk Tribe
Crawford		200' upstream of Hwy 96 bridge	08/04/05	1.2	NO	Karuk Tribe
Crawford		200' upstream of Hwy 96 bridge	07/07/05	2.9	NO	Karuk Tribe

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and Klamath and Six Rivers National Forests (1996 to 2012 Estimates)						
STREAM	TRIBUTARY	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Crawford		200' upstream of Hwy 96 bridge	10/16/03	0.9	NO	Karuk Tribe
Crawford		150' above Hwy 96 Bridge	09/26/03	0.5	-	Orleans RD
Crawford		200' upstream of Hwy 96 bridge	09/05/02	0.3	NO	Karuk Tribe
Crawford		200' upstream of Hwy 96 bridge	07/08/02	1.0	NO	Karuk Tribe
Crawford		50' above Hwy 96 bridge	09/20/01	0.2	-	Orleans RD
Crawford		100' above Camp Crk road cul	11/20/00	1.0	YES	Orleans RD
Camp	na	19+50 (just above logger site)	10/08/12	14.4	NO	Orleans RD
Camp		40' downstream from Hwy 96 bridge	08/01/12	28.3	NO	Karuk Tribe
Camp		40' downstream from Hwy 96 bridge	06/13/12	57.3	NO	Karuk Tribe
Camp		40' downstream from Hwy 96 bridge	08/29/11	20.9	NO	Karuk Tribe
Camp		40' downstream from Hwy 96 bridge	06/29/11	62.3	NO	Karuk Tribe
Camp		40' downstream from Hwy 96 bridge	06/13/11	68.1	NO	Karuk Tribe
Camp		100 ft. above lower logger site	09/29/10	24.8	NO	Orleans RD
Camp		100 ft. above lower logger site	09/15/10	19.3	NO	Orleans RD
Camp		150 ft. above lower logger site	08/31/10	22.7	NO	Orleans RD
Camp		100 ft. above lower logger site	08/19/10	25.8	NO	Orleans RD
Camp		100 ft. above lower logger site	08/05/10	26.6	NO	Orleans RD
Camp		40' downstream from Hwy 96 bridge	08/04/10	35.1	NO	Karuk Tribe
Camp		40' downstream from Hwy 96 bridge	07/13/10	66.3	NO	Karuk Tribe
Camp		300' below Hwy 96	09/21/09	10.5	NO	Orleans RD
Camp		40' downstream from Hwy 96 bridge	08/31/09	13.1	NO	Karuk Tribe
Camp		40' downstream from Hwy 96 bridge	06/30/09	35.0	NO	Karuk Tribe
Camp		100 ft. above lower logger site	09/24/08	14.6	YES	Orleans RD
Camp		40' downstream from Hwy 96 bridge	07/29/08	25.9	NO	Karuk Tribe
Camp		40' downstream from Hwy 96 bridge	06/23/08	47.9	NO	Karuk Tribe
Camp		350 ft below Hwy 96 bridge	09/19/07	14.2	NO	Orleans RD
Camp		40' downstream from Hwy 96 bridge	08/08/07	18.4	NO	Karuk Tribe
Camp		40' downstream from Hwy 96 bridge	06/26/07	38.9	NO	Karuk Tribe
Camp		Hwy 96 bridge	09/18/06	20.3	YES	Orleans RD
Camp		40' downstream from Hwy 96 bridge	09/05/06	16.9	NO	Karuk Tribe
Camp		40' downstream from Hwy 96 bridge	08/08/06	26.0	NO	Karuk Tribe
Camp		40' downstream from Hwy 96 bridge	07/07/06	38.4	NO	Karuk Tribe
Camp		40' downstream from Hwy 96 bridge	06/15/06	62.6	NO	Karuk Tribe
Camp		40' downstream from Hwy 96 bridge	10/11/05	20.8	YES	Orleans RD
Camp		50' downstream of 96 bridge	09/22/04	15.6	-	Orleans RD
Camp		Adjacent to trail through C.C. hatchen	08/30/04	15.2	NO	Karuk Tribe
Camp		Adjacent to trail through C.C. hatchen	08/17/04	19.3	NO	Karuk Tribe
Camp		Adjacent to trail through C.C. hatchen	07/06/04	29.0	NO	Karuk Tribe
Camp		Adjacent to trail through C.C. hatchen	06/01/04	46.3	NO	Karuk Tribe
Camp		100' up from mouth	09/24/03	12.0	-	Orleans RD
Camp		At trail through C.C. hatchen	09/24/03	14.5	NO	Karuk Tribe
Camp		50' downstream of 96 bridge	11/07/02	6.4	-	Orleans RD
Camp		50' downstream of 96 bridge	09/11/02	12.8	-	Orleans RD
Camp		Adjacent to trail through C.C. hatchen	09/05/02	13.3	NO	Karuk Tribe
Camp		Adjacent to trail through C.C. hatchen	07/08/02	27.6	NO	Karuk Tribe
Camp		Adjacent to trail through C.C. hatchen	06/24/02	38.1	NO	Karuk Tribe
Camp		330' up from mouth	10/17/01	10.2	-	Orleans RD
Camp		50' downstream of 96 bridge	09/05/01	10.6	-	Orleans RD
Camp		100' downstream of bridge	11/19/00	15.2	YES	Orleans RD
Camp		50' downstream of 96 bridge	07/10/00	35.1	YES	Orleans RD
Camp		Mile marker 21+60	08/27/99	19.7	YES	Orleans RD
Camp		60 yards downstream of 96 bridge	09/28/98	6.5	YES	Orleans RD
Camp		0.35 miles above mouth	08/20/98	18.7	-	Orleans RD
Camp		80' above tribal fish weir	08/22/97	21.2	-	Orleans RD
Camp		150' below 96 bridge	06/18/97	37.8	-	Orleans RD
Cheenitch	na	0.5 mile up from mouth	06/10/05	5.1	NO	Karuk Tribe
Cheenitch		0.5 mile up from mouth	10/21/03	0.3	NO	Karuk Tribe
Pearch	na	Trail down to pool at gate in Perch Creek CC	08/06/12	4.1	NO	Karuk Tribe
Pearch		Trail down to pool at gate in Perch Creek CC	06/14/12	12.0	NO	Karuk Tribe
Pearch		Trail down to pool at gate in Perch Creek CC	07/27/11	6.9	NO	Karuk Tribe
Pearch		Trail down to pool at gate in Perch Creek CC	07/01/11	11.2	NO	Karuk Tribe
Pearch		Trail down to pool at gate in Perch Creek CC	06/14/11	16.5	NO	Karuk Tribe
Pearch		70' below CG#6 ck. access	09/30/10	4.3	NO	Orleans RD
Pearch		70' below CG#6 ck. access	09/15/10	3.9	NO	Orleans RD
Pearch		70' below CG#6 ck. access	08/31/10	4.2	NO	Orleans RD
Pearch		Trail down to pool at gate in Perch Creek CC	08/24/10	3.5	NO	Karuk Tribe
Pearch		70' below CG#6 ck. access	08/19/10	6.0	NO	Orleans RD
Pearch		70' below CG#6 ck. access	08/05/10	7.8	NO	Orleans RD
Pearch		Trail down to pool at gate in Perch Creek CC	08/02/10	7.2	NO	Karuk Tribe
Pearch		Trail down to pool at gate in Perch Creek CC	07/13/10	9.3	NO	Karuk Tribe
Pearch		80' below CG#6 ck. access	09/21/09	2.4	NO	Orleans RD
Pearch		Trail down to pool at gate in Perch Creek CC	08/31/09	1.9	NO	Karuk Tribe
Pearch		Trail down to pool at gate in Perch Creek CC	07/31/09	2.6	NO	Karuk Tribe
Pearch		70' below CG#6 ck. access	09/25/08	2.8	YES	Orleans RD
Pearch		80' below CG#6 ck. access	09/20/07	2.8	NO	Orleans RD
Pearch		Trail down to pool at gate in Perch Creek CC	08/08/07	5.0	NO	Karuk Tribe
Pearch		75 feet below Perch Creek CG	09/18/06	3.5	NO	Orleans RD
Pearch		Trail down to pool at gate in Perch Creek CC	09/05/06	2.1	NO	Karuk Tribe
Pearch		Trail down to pool at gate in Perch Creek CC	08/09/06	3.4	NO	Karuk Tribe
Pearch		Trail down to pool at gate in Perch Creek CC	07/10/06	5.2	NO	Karuk Tribe
Pearch		Trail down to pool at gate in Perch Creek CC	06/15/06	11.9	NO	Karuk Tribe
Pearch		75 feet below Perch Creek CG	10/11/05	2.4	YES	Orleans RD
Pearch		Trail to pool at gate in P.C. Cmpgmd	09/27/05	1.5	NO	Karuk Tribe
Pearch		Trail to pool at gate in P.C. Cmpgmd	08/04/05	4.4	NO	Karuk Tribe
Pearch		Trail to pool at gate in P.C. Cmpgmd	07/08/05	11.0	NO	Karuk Tribe
Pearch		Trail to pool at gate in P.C. Cmpgmd	06/13/05	17.8	NO	Karuk Tribe
Pearch		120' below campground	09/22/04	2.3	-	Orleans RD
Pearch		Trail to pool at gate in P.C. Cmpgmd	08/30/04	2.7	-	Karuk Tribe
Pearch		Trail to pool at gate in P.C. Cmpgmd	08/02/04	2.9	-	Karuk Tribe
Pearch		Trail to pool at gate in P.C. Cmpgmd	06/10/04	5.3	-	Karuk Tribe
Pearch		120' below campground	09/25/03	2.1	-	Orleans RD
Pearch		Trail to pool at gate in P.C. Cmpgmd	09/24/03	2.0	-	Karuk Tribe
Pearch		Trail to pool at gate in P.C. Cmpgmd	09/05/02	1.0	-	Karuk Tribe
Pearch		Trail to pool at gate in P.C. Cmpgmd	07/31/02	5.2	-	Karuk Tribe
Wilson	na	60' upstream of Ishi Pishi Rd Bridge	08/08/12	1.6	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	06/14/12	4.5	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	08/30/11	1.8	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	07/01/11	2.6	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	07/27/11	1.8	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	06/13/11	3.3	NO	Karuk Tribe

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and Klamath and Six Rivers National Forests (1996 to 2012 Estimates)						
STREAM	TRIBUTARY	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Wilson		60' upstream of Ishi Pishi Rd Bridge	08/26/10	1.3	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	08/02/10	2.0	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	07/13/10	2.2	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	08/03/09	0.8	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	07/01/09	0.9	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	07/31/08	1.0	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	06/23/08	1.2	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	08/08/07	1.1	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	06/26/07	1.3	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	09/05/06	1.0	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	08/15/06	0.5	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	08/09/06	1.4	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	07/10/06	1.7	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	06/15/06	3.2	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	08/04/05	0.9	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	10/21/03	1.3	NO	Karuk Tribe
Wilson		60' upstream of Ishi Pishi Rd Bridge	10/07/02	0.6	NO	Karuk Tribe
Natuket	na	60 ft above mouth	08/16/12	2.0	NO	Karuk Tribe
Natuket		60 ft above mouth	06/28/12	2.1	NO	Karuk Tribe
Natuket		60 ft above mouth	09/15/11	2.1	NO	Karuk Tribe
Natuket		60 ft above mouth	08/11/11	3.4	NO	Karuk Tribe
Natuket		60 ft above mouth	08/03/10	2.6	NO	Karuk Tribe
Natuket		60 ft above mouth	07/26/10	3.3	NO	Karuk Tribe
Natuket		60 ft above mouth	09/01/09	1.1	NO	Karuk Tribe
Natuket		60 ft above mouth	07/09/09	1.7	NO	Karuk Tribe
Natuket		77' up from Mouth	09/02/08	1.6	NO	Karuk Tribe
Natuket		77' up from Mouth	07/11/08	1.5	NO	Karuk Tribe
Natuket		77' up from Mouth	08/20/07	1.7	NO	Karuk Tribe
Natuket		77' up from Mouth	07/13/07	2.1	NO	Karuk Tribe
Natuket		Trail to pool at gate in P.C. Cmpgrnd	06/27/06	3.9	NO	Karuk Tribe
Natuket		Trail to pool at gate in P.C. Cmpgrnd	10/04/05	1.1	NO	Karuk Tribe
Natuket		Trail to pool at gate in P.C. Cmpgrnd	07/21/05	2.4	NO	Karuk Tribe
Natuket		Trail to pool at gate in P.C. Cmpgrnd	06/22/05	3.5	NO	Karuk Tribe
Natuket		Trail to pool at gate in P.C. Cmpgrnd	09/07/04	0.9	NO	Karuk Tribe
Natuket		Trail to pool at gate in P.C. Cmpgrnd	08/20/04	0.8	NO	Karuk Tribe
Natuket		Trail to pool at gate in P.C. Cmpgrnd	07/14/04	1.5	NO	Karuk Tribe
Natuket		Trail to pool at gate in P.C. Cmpgrnd	06/02/04	2.7	NO	Karuk Tribe
Natuket		77' from Mouth	09/24/02	1.2	NO	Karuk Tribe
principle contact.						
Salmon River	na	50' above mouth	07/30/04	199.8	NO	Karuk Tribe
Merrill	no	under upstream side of bridge	07/15/11	3.3	NO	Karuk Tribe
Merrill		under upstream side of bridge	06/23/11	3.7	NO	Karuk Tribe
Merrill		under upstream side of bridge	07/14/09	2.3	NO	Karuk Tribe
Merrill		100' above Salmon R. Rd crossing	08/14/07	0.6	NO	Karuk Tribe
Merrill		100' above Salmon R. Rd crossing	07/03/07	1.6	NO	Karuk Tribe
Merrill		100' above Salmon R. Rd crossing	07/08/05	3.7	NO	Karuk Tribe
Merrill		70' up from Salmon R Rd bridge	09/28/04	0.9	-	Happy Camp RD
Merrill		100' above Salmon R. Rd crossing	08/23/04	1.0	NO	Karuk Tribe
Merrill		100' above Salmon R. Rd crossing	07/30/04	0.8	NO	Karuk Tribe
Merrill		150' up from bridge	10/01/03	0.9	-	Orleans RD
Merrill		150' up from Salmon R Rd bridge	10/01/03	1.1	-	Happy Camp RD
Merrill		100' above Salmon R. Rd crossing	09/30/03	0.7	NO	Karuk Tribe
Merrill		100' above Salmon R. Rd crossing	08/27/03	1.1	NO	Karuk Tribe
Merrill		100' above Salmon R. Rd crossing	10/30/02	0.6	NO	Karuk Tribe
Merrill		100' above Salmon R. Rd	09/24/02	0.5	-	Happy Camp RD
Merrill		100' above Salmon R. Rd crossing	08/28/02	0.7	NO	Karuk Tribe
Merrill		100' above Salmon R. Rd crossing	07/18/02	1.8	NO	Karuk Tribe
Merrill		140' up from Salmon R. Rd.	09/07/01	0.4	-	Orleans RD
Merrill		100' above Salmon R. Rd	09/22/00	0.3	-	Happy Camp RD
Somes	no	20 ft above mouth	07/14/09	4.0	NO	Karuk Tribe
Somes		127' upstream from mouth	08/16/07	2.4	NO	Karuk Tribe
Somes		127' upstream from mouth	07/03/07	6.2	NO	Karuk Tribe
Somes		127' upstream from mouth	07/08/05	6.7	NO	Karuk Tribe
Somes		150 feet upstream of mouth	10/01/04	1.8	-	Orleans RD
Somes		127' upstream from mouth	08/23/04	2.3	NO	Karuk Tribe
Somes		127' upstream from mouth	07/30/04	2.3	NO	Karuk Tribe
Somes		127' upstream of mouth	09/30/03	1.7	NO	Karuk Tribe
Somes		127' upstream of mouth	08/27/03	2.7	NO	Karuk Tribe
Somes		127' upstream from mouth	10/30/02	1.7	NO	Karuk Tribe
Somes		127' upstream from mouth	08/28/02	1.7	NO	Karuk Tribe
Somes		127' upstream from mouth	07/18/02	5.5	NO	Karuk Tribe
Wooley	no	Tailout of pool at bottom of trail	10/11/12	67.6	NO	Orleans RD
Wooley		Tailout of pool at bottom of trail	09/29/10	88.3	NO	Orleans RD
Wooley		Tailout of pool at bottom of trail	09/15/10	89.1	NO	Orleans RD
Wooley		Tailout of pool at bottom of trail	08/31/10	117.2	NO	Orleans RD
Wooley		Tailout of pool at bottom of trail	08/19/10	127.7	NO	Orleans RD
Wooley		Tailout of pool at bottom of trail	08/05/10	164.6	NO	Orleans RD
Wooley		300 ft. below logger site	09/23/09	59.6	NO	Orleans RD
Wooley		Down trail up steinacher rd	07/14/09	118.5	NO	Karuk Tribe
Wooley		125 ft. below 4-ft. waterfall at end of Steinacher F	09/24/08	69.7	YES	Orleans RD
Wooley		End of trail by Steinacher Road gate	09/20/07	97.8	-	Orleans RD
Wooley		Near mouth	08/01/07	106.4	NO	Karuk Tribe
Wooley		Near mouth	07/03/07	161.0	NO	Karuk Tribe
Wooley		Trail by Steinacher Road gate	10/12/05	58.7	YES	Orleans RD
Wooley		near mouth	09/23/04	50.6	-	Orleans RD
Wooley		600' from mouth	09/28/04	53.3	-	Happy Camp RD
Wooley		Near mouth	08/23/04	71.4	NO	Karuk Tribe
Wooley		Near mouth	07/30/04	77.2	NO	Karuk Tribe
Wooley		Trail by Steinacher Road gate	10/01/03	60.1	-	Orleans RD
Wooley		300' up from mouth	10/01/03	49.4	-	Happy Camp RD
Wooley		Steinacher Rd gravel loop trail	09/30/03	57.7	NO	Karuk Tribe
Wooley		Steinacher Rd gravel loop trail	08/27/03	63.1	NO	Karuk Tribe

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Wooley		200' from mouth	09/24/02	37.9	-	Orleans RD
Wooley		Steinacher Rd gravel loop trail	07/18/02	95.1	NO	Karuk Tribe
Wooley		600' from mouth	09/07/01	33.4	-	Orleans RD
Wooley		600' from mouth	09/22/00	75.5	-	Happy Camp RD
Wooley		1200' above mouth	09/09/97	63.7	YES	Happy Camp RD
Wooley		1200' above mouth	09/10/96	83.3	-	Happy Camp RD
Duncan	no	30ft below bridge	07/15/11	0.8	NO	Karuk Tribe
Duncan		30ft below bridge	07/14/09	0.7	NO	Karuk Tribe
Duncan		Near mouth	08/14/07	0.1	NO	Karuk Tribe
Duncan		Near mouth	07/03/07	1.3	NO	Karuk Tribe
Duncan		Near mouth	07/08/05	0.7	NO	Karuk Tribe
Butler	no	250 ft below sabies old house	07/15/11	7.0	NO	Karuk Tribe
Butler		250 ft below sabies old house	07/14/09	3.2	NO	Karuk Tribe
Butler		132' upstream of Salmon R Rd Bridge	08/14/07	3.3	NO	Karuk Tribe
Butler		132' upstream of Salmon R Rd Bridge	07/03/07	6.9	NO	Karuk Tribe
Butler		132' upstream of Salmon R Rd Bridge	07/06/05	6.6	NO	Karuk Tribe
Butler		132' upstream of Salmon R Rd Bridge	08/23/04	3.8	NO	Karuk Tribe
Butler		132' upstream of Salmon R Rd Bridge	07/30/04	3.5	NO	Karuk Tribe
Butler		132' upstream of Salmon R Rd Bridge	09/30/03	2.4	NO	Karuk Tribe
Butler		132' upstream of Salmon R Rd Bridge	08/27/03	2.0	NO	Karuk Tribe
Butler		132' upstream of Salmon R Rd Bridge	10/30/02	2.2	NO	Karuk Tribe
Butler		132' upstream of Salmon R Rd Bridge	08/28/02	1.9	NO	Karuk Tribe
Butler		132' upstream of Salmon R Rd Bridge	07/18/02	4.5	NO	Karuk Tribe
Morehouse	no	Near mouth	07/06/05	7.3	NO	Karuk Tribe
Nordheimer	no	100ft above mouth	07/15/11	30.2	NO	Karuk Tribe
Nordheimer		100ft above mouth	07/14/09	11.4	NO	Karuk Tribe
Nordheimer		227' upstream of Salmon R. Rd Bridge	08/14/07	7.5	NO	Karuk Tribe
Nordheimer		227' upstream of Salmon R. Rd Bridge	07/03/07	17.7	NO	Karuk Tribe
Nordheimer		227' upstream of Salmon R. Rd Bridge	07/06/05	35.2	NO	Karuk Tribe
Nordheimer		Near mouth	07/30/04	9.3	NO	Karuk Tribe
Nordheimer		Near mouth	08/23/04	11.4	NO	Karuk Tribe
Nordheimer		220' upstream of Salmon R Rd Bridge	09/30/03	7.7	NO	Karuk Tribe
Nordheimer		220' upstream of Salmon R Rd Bridge	08/27/03	9.5	NO	Karuk Tribe
Nordheimer		277 feet upstream of Salmon River bridge	10/30/02	5.1	NO	Karuk Tribe
Nordheimer		277 feet upstream of Salmon River bridge	08/28/02	5.1	NO	Karuk Tribe
Nordheimer		277 feet upstream of Salmon River bridge	07/18/02	11.6	NO	Karuk Tribe
Crapo	no	Near mouth	07/15/11	35.1	NO	Karuk Tribe
Crapo		Near mouth	08/14/07	5.5	NO	Karuk Tribe
Crapo		Near mouth	07/12/07	11.3	NO	Karuk Tribe
Crapo		Near mouth	08/23/04	6.7	NO	Karuk Tribe
Crapo		Near mouth	07/30/04	9.0	NO	Karuk Tribe
Big	in	Near mouth	07/17/07	0.9	NO	Karuk Tribe
Little N. Fork	in	Near mouth	07/17/07	18.5	NO	Karuk Tribe
N. Russian	in	Near mouth	07/17/07	5.5	NO	Karuk Tribe
SF Salmon R	no	1000' below confluence w/St Clair Ck	07/21/03	15.8	NO	Karuk Tribe
Knownothing	in	70 yds above bridge	07/15/11	29.2	NO	Karuk Tribe
Knownothing		70 yds above bridge	07/21/09	6.55	NO	Karuk Tribe
Knownothing		Near mouth	08/16/07	1.7	NO	Karuk Tribe
Knownothing		Near mouth	07/12/07	9.9	NO	Karuk Tribe
Methodist	in	Near mouth	07/21/09	1.6	NO	Karuk Tribe
Methodist		Near mouth	08/16/07	0.9	NO	Karuk Tribe
Methodist		Near mouth	07/12/07	2.3	NO	Karuk Tribe
Indian	in	50 yds above bridge	07/21/09	0.30	NO	Karuk Tribe
Indian		Near mouth	08/16/07	0.4	NO	Karuk Tribe
Indian		Near mouth	07/12/07	1.0	NO	Karuk Tribe
Black Bear	in	50 ft above fish ladder	07/21/09	0.5	-	Karuk Tribe
Black Bear		Near mouth	08/16/07	0.8	-	Karuk Tribe
Black Bear		Near mouth	07/12/07	1.9	-	Karuk Tribe
Plummer	in	130 yds up from mouth	07/21/09	2.0	NO	Karuk Tribe
Plummer		Near mouth	08/16/07	0.5	NO	Karuk Tribe
Plummer		Near mouth	07/12/07	2.6	NO	Karuk Tribe
East Fork	sal	350' upstream from mouth	07/21/03	29.3	-	Karuk Tribe
Taylor	of	Upstream of bridge	07/21/03	12.0	-	Karuk Tribe
Teneyck	na	100 ft above mouth	08/16/12	2.0	NO	Karuk Tribe
Teneyck		100 ft above mouth	09/15/11	3.2	NO	Karuk Tribe
Teneyck		100 ft above mouth	08/11/11	2.4	NO	Karuk Tribe
Teneyck		100 ft above mouth	08/03/10	2.1	NO	Karuk Tribe
Teneyck		100 ft above mouth	07/26/10	1.8	NO	Karuk Tribe
Teneyck		100 ft above mouth	09/01/09	1.6	NO	Karuk Tribe
Teneyck		100 ft above mouth	07/09/09	2.8	NO	Karuk Tribe
Teneyck		20' above Klamath floodplain.	09/02/08	1.6	NO	Karuk Tribe
Teneyck		20' above Klamath floodplain.	07/11/08	2.9	NO	Karuk Tribe
Teneyck		20' above Klamath floodplain.	08/20/07	2.9	NO	Karuk Tribe
Teneyck		20' above Klamath floodplain.	07/13/07	2.2	NO	Karuk Tribe
Teneyck		20' above Klamath floodplain.	08/27/06	3.2	NO	Karuk Tribe
Teneyck		20' above Klamath floodplain.	10/04/05	1.8	NO	Karuk Tribe
Teneyck		20' above Klamath floodplain.	08/28/05	2.5	NO	Karuk Tribe
Teneyck		20' above Klamath floodplain.	07/21/05	2.3	NO	Karuk Tribe

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and Klamath and Six Rivers National Forests (1996 to 2012 Estimates)						
STREAM	TRIBUTARY	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Tenevck		20' above Klamath floodplain	06/23/05	3.0	NO	Karuk Tribe
Tenevck		20' above Klamath floodplain	09/07/04	2.1	NO	Karuk Tribe
Tenevck		20' above Klamath floodplain	08/20/04	2.7	NO	Karuk Tribe
Tenevck		20' above Klamath floodplain	07/14/04	2.9	NO	Karuk Tribe
Tenevck		20' above Klamath floodplain	06/02/04	3.6	NO	Karuk Tribe
Tenevck		20' above Klamath floodplain	09/24/02	1.6	NO	Karuk Tribe
Tenevck		20' above Klamath floodplain	07/25/02	2.8	NO	Karuk Tribe
Un-named	na	Just above (Klamath R) flood leve	08/26/05	1.5	-	Karuk Tribe
Un-named		Just above (Klamath R) flood level	06/23/05	1.9	-	Karuk Tribe
Un-named		At flood level edge	09/24/02	0.7	-	Karuk Tribe
Reynolds	na	120 yds above mouth	08/16/12	1.9	NO	Karuk Tribe
Reynolds		120 yds above mouth	06/28/12	4.1	NO	Karuk Tribe
Reynolds		120 yds above mouth	09/15/11	2.0	NO	Karuk Tribe
Reynolds		120 yds above mouth	08/11/11	3.4	NO	Karuk Tribe
Reynolds		120 yds above mouth	07/18/11	4.6	NO	Karuk Tribe
Reynolds		120 yds above mouth	08/03/10	5.4	NO	Karuk Tribe
Reynolds		120 yds above mouth	07/26/10	4.6	NO	Karuk Tribe
Reynolds		120 yds above mouth	09/01/09	1.3	NO	Karuk Tribe
Reynolds		120 yds above mouth	07/09/09	3.3	NO	Karuk Tribe
Reynolds		20 ft. above Klamath floodplain.	09/02/08	5.1	NO	Karuk Tribe
Reynolds		20 ft. above Klamath floodplain.	07/11/08	2.9	NO	Karuk Tribe
Reynolds		20 ft. above Klamath floodplain.	08/20/07	1.7	NO	Karuk Tribe
Reynolds		20 ft. above Klamath floodplain.	07/13/07	2.6	NO	Karuk Tribe
Reynolds		20 ft. above Klamath floodplain	08/22/06	2.1	NO	Karuk Tribe
Reynolds		20 ft. above Klamath floodplain	07/20/06	3.3	NO	Karuk Tribe
Reynolds		20 ft. above Klamath floodplain	06/27/06	7.2	NO	Karuk Tribe
Reynolds		20' above Klamath floodplain	10/04/05	2.3	NO	Karuk Tribe
Reynolds		20' above Klamath floodplain	08/26/05	2.8	NO	Karuk Tribe
Reynolds		20' above Klamath floodplain	06/23/05	7.4	NO	Karuk Tribe
Reynolds		20' above Klamath floodplain	09/07/04	2.0	NO	Karuk Tribe
Reynolds		20' above Klamath floodplain	08/20/04	1.7	NO	Karuk Tribe
Reynolds		20' above Klamath floodplain	07/14/04	1.9	NO	Karuk Tribe
Reynolds		20' above Klamath floodplain	06/02/04	5.0	NO	Karuk Tribe
Reynolds		At Flood level edge	09/24/02	1.5	NO	Karuk Tribe
Reynolds		At Flood level edge	07/25/02	1.8	NO	Karuk Tribe
Un-named	na	At first large tree (B.L. Maple)	10/06/05	1.3	-	Karuk Tribe
Un-named	(below)	At first large tree (B.L. Maple)	06/22/05	5.0	-	Karuk Tribe
Un-named	(below)	At first large tree (B.L. Maple)	09/24/02	0.6	-	Karuk Tribe
Rogers	na	300' from mouth	10/08/12	6.0	NO	Orleans RD
Rogers		60 ft above mouth	08/14/12	5.7	NO	Karuk Tribe
Rogers		60 ft above mouth	06/26/12	11.3	NO	Karuk Tribe
Rogers		60 ft above mouth	08/08/11	8.2	NO	Karuk Tribe
Rogers		60 ft above mouth	06/27/11	12.1	NO	Karuk Tribe
Rogers		60 ft above mouth	08/19/10	8.7	NO	Karuk Tribe
Rogers		60 ft above mouth	07/19/10	4.1	NO	Karuk Tribe
Rogers		60 ft above mouth	07/27/09	5.2	NO	Karuk Tribe
Rogers		300 ft. upstream of beginning of riparian canopy	08/26/08	6.0	NO	Karuk Tribe
Rogers		300 ft. upstream of beginning of riparian canopy	07/02/08	10.0	NO	Karuk Tribe
Rogers		300 ft. upstream of beginning of riparian canopy	08/17/07	4.8	NO	Karuk Tribe
Rogers		300 ft. upstream of beginning of riparian canopy	07/09/07	7.5	NO	Karuk Tribe
Rogers		300' above start of riparian canop)	08/13/06	6.3	NO	Karuk Tribe
Rogers		300' above start of riparian canop)	07/20/06	8.7	NO	Karuk Tribe
Rogers		300' above start of riparian canop)	06/22/06	14.0	NO	Karuk Tribe
Rogers		300' above start of riparian canop)	10/06/05	4.5	NO	Karuk Tribe
Rogers		300' above start of riparian canop)	08/29/05	4.6	NO	Karuk Tribe
Rogers		300' above start of riparian canop)	08/01/05	5.7	NO	Karuk Tribe
Rogers		300' above start of riparian canop)	06/22/05	18.0	NO	Karuk Tribe
Rogers		20 ft above old road crossing	09/22/04	4.6	NO	Happy Camp RD
Rogers		300' above start of riparian canop)	09/14/04	3.4	NO	Karuk Tribe
Rogers		300' above start of riparian canop)	07/14/04	6.3	NO	Karuk Tribe
Rogers		300' above start of riparian canop)	06/02/04	10.2	NO	Karuk Tribe
Rogers		300' above start of riparian canop)	09/24/03	7.8	NO	Karuk Tribe
Rogers		150 feet up from mouth	09/24/02	3.1	NO	Karuk Tribe
Rogers		300' above start of riparian canop)	09/17/02	3.2	NO	Karuk Tribe
Rogers		300' above start of riparian canop)	07/08/02	10.1	NO	Karuk Tribe
Rogers		150' up from mouth	09/06/01	2.9	NO	Orleans RD
Rogers		200' from mouth	09/22/00	4.1	NO	Orleans RD
Halverson	na	35 ft above mouth	08/14/12	1.8	NO	Karuk Tribe
Halverson		35 ft above mouth	06/26/12	2.5	NO	Karuk Tribe
Halverson		35 ft above mouth	08/08/11	1.8	NO	Karuk Tribe
Halverson		35 ft above mouth	06/27/11	3.3	NO	Karuk Tribe
Halverson		35 ft above mouth	08/19/10	1.6	NO	Karuk Tribe
Halverson		35 ft above mouth	07/19/10	0.7	NO	Karuk Tribe
Halverson		35 ft above mouth	07/27/09	0.5	NO	Karuk Tribe
Halverson		132 ft. upstream of mouth	08/26/08	0.7	NO	Karuk Tribe
Halverson		132 ft. upstream of mouth	07/02/08	1.5	NO	Karuk Tribe
Halverson		132 ft. upstream of mouth	08/17/07	0.5	NO	Karuk Tribe
Halverson		132 ft. upstream of mouth	07/09/07	1.2	NO	Karuk Tribe
Halverson		132 ft. upstream of mouth	09/28/06	0.9	NO	Karuk Tribe
Halverson		132 ft. upstream of mouth	08/13/06	0.1	NO	Karuk Tribe
Halverson		132 ft. upstream of mouth	07/20/06	1.6	NO	Karuk Tribe
Halverson		132 ft. upstream of mouth	06/22/06	3.4	NO	Karuk Tribe
Halverson		130' above mouth	10/06/05	1.0	NO	Karuk Tribe
Halverson		130' above mouth	08/25/05	1.1	NO	Karuk Tribe
Halverson		130' above mouth	08/01/05	1.4	NO	Karuk Tribe
Halverson		130' above mouth	06/22/05	5.4	NO	Karuk Tribe

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STREAM	DATE SURVEYED	DATA SAMPLING LOCATION ³	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Halverson	09/07/04	130' above mouth	0.9	NO	Karuk Tribe
Halverson	08/20/04	130' above mouth	1.5	NO	Karuk Tribe
Halverson	07/14/04	130' above mouth	2.4	NO	Karuk Tribe
Halverson	07/25/02	130' above mouth	2.3	NO	Karuk Tribe
Irving	10/04/12	60 ft. above diversion entering from Stanshaw	6.7	NO	Orleans RD
Irving	10/04/12	30 ft. below diversion entering from Stanshaw	6.9	NO	Orleans RD
Irving	08/13/12	Track N. of Hwy. 96 bridge to creek, then upstream	2.2	NO	Karuk Tribe
Irving	06/18/12	Track N. of Hwy. 96 bridge to creek, then upstream	7.9	NO	Karuk Tribe
Irving	09/16/11	50 ft. above diversion outlet entering from	8.9	YES	Orleans RD
Irving	09/16/11	60' below bridge	10.0	YES	Orleans RD
Irving	08/30/11	Track N. of Hwy. 96 bridge to creek, then upstream	14.2	NO	Karuk Tribe
Irving	07/27/11	Track N. of Hwy. 96 bridge to creek, then upstream	14.1	NO	Karuk Tribe
Irving	07/01/11	Track N. of Hwy. 96 bridge to creek, then upstream	17.0	NO	Karuk Tribe
Irving	06/14/11	Track N. of Hwy. 96 bridge to creek, then upstream	24.4	NO	Karuk Tribe
Irving	09/29/10	30 ft. above diversion outlet entering from Stanshaw	7.2	NO	Orleans RD
Irving	09/30/10	30' below bridge	9.6	NO	Orleans RD
Irving	09/16/10	100 ft. above diversion outlet entering from Stanshaw	6.5	NO	Orleans RD
Irving	09/15/10	50' below bridge	7.3	NO	Orleans RD
Irving	08/31/10	30 ft. above diversion outlet entering from Stanshaw	7.9	NO	Orleans RD
Irving	08/31/10	30' below bridge	9.0	NO	Orleans RD
Irving	08/26/10	Track N. of Hwy. 96 bridge to creek, then upstream	10.9	NO	Karuk Tribe
Irving	08/19/10	100 ft. above diversion outlet entering from Stanshaw	9.9	NO	Orleans RD
Irving	08/19/10	50' below bridge	11.9	NO	Orleans RD
Irving	08/05/10	100 ft. above diversion outlet entering from Stanshaw	10.8	NO	Orleans RD
Irving	08/05/10	50' below bridge	12.7	NO	Orleans RD
Irving	08/02/10	Track N. of Hwy. 96 bridge to creek, then upstream	14.1	NO	Karuk Tribe
Irving	07/13/10	Track N. of Hwy. 96 bridge to creek, then upstream	13.5	NO	Karuk Tribe
Irving	09/23/09	100 ft. above diversion outlet entering from Stanshaw	5.7	NO	Orleans RD
Irving	09/23/09	10 ft. below diversion outlet entering from Stanshaw	6.7	NO	Orleans RD
Irving	08/03/09	Track N. of Hwy. 96 bridge to creek, then upstream	5.2	NO	Karuk Tribe
Irving	06/30/09	Track N. of Hwy. 96 bridge to creek, then upstream	8.9	NO	Karuk Tribe
Irving	09/23/08	100 ft. above diversion outlet entering from Stanshaw	6.7	YES	Orleans RD
Irving	09/23/08	10 ft. below MM diversion outlet entering from Stanshaw	11.0	YES	Orleans RD
Irving	07/31/08	Track N. of Hwy. 96 bridge to creek, then upstream	12.2	NO	Karuk Tribe
Irving	06/24/08	Track N. of Hwy. 96 bridge to creek, then upstream	15.3	NO	Karuk Tribe
Irving	09/26/07	100 ft. above diversion outlet entering from Stanshaw	5.7	NO	Orleans RD
Irving	09/26/07	10 ft. below MM diversion outlet entering from Stanshaw	6.1	NO	Orleans RD
Irving	08/08/07	Track N. of Hwy. 96 bridge to creek, then upstream	8.8	NO	Karuk Tribe
Irving	06/27/07	Track N. of Hwy. 96 bridge to creek, then upstream	10.2	NO	Karuk Tribe
Irving	09/20/06	10 ft. below diversion entering from Stanshaw	6.1	NO	Orleans RD
Irving	10/03/06	300' upstream adjacent to path	8.9	NO	Happy Camp RD
Irving	09/20/06	150' above Hwy 96 Bridge - above MM outflow	8.8	YES	Orleans RD
Irving	09/20/06	Hwy 96 Bridge - below MM outflow	13.0	YES	Orleans RD
Irving	09/06/06	Track N. of Hwy. 96 bridge to creek, then upstream	8.5	NO	Karuk Tribe
Irving	08/09/06	Track N. of Hwy. 96 bridge to creek, then upstream	10.0	NO	Karuk Tribe
Irving	07/11/06	Track N. of Hwy. 96 bridge to creek, then upstream	14.1	NO	Karuk Tribe
Irving	06/15/06	Track N. of Hwy. 96 bridge to creek, then upstream	22.4	NO	Karuk Tribe
Irving	09/27/05	Upstream of path N. Hwy 96 - above MM outflow	7.0	NO	Karuk Tribe
Irving	08/04/05	Upstream of path N. Hwy 96 - above MM outflow	10.5	NO	Karuk Tribe
Irving	06/16/05	Upstream of path N. Hwy 96 - above MM outflow	17.9	NO	Karuk Tribe
Irving	09/23/04	At end of foot trail - above MM outflow	8.1	-	Happy Camp RD
Irving	08/31/04	Upstream of path N. Hwy 96 - above MM outflow	6.5	NO	Karuk Tribe
Irving	08/02/04	Upstream of path N. Hwy 96 - above MM outflow	8.0	NO	Karuk Tribe
Irving	07/12/04	Upstream of path N. Hwy 96 - above MM outflow	11.0	NO	Karuk Tribe
Irving	06/10/04	Upstream of path N. Hwy 96 - above MM outflow	12.0	NO	Karuk Tribe
Irving	09/26/03	1100' up from Hwy 96 - above MM outflow	7.2	-	Orleans RD
Irving	09/24/03	Upstream of path N. Hwy 96 - above MM outflow	7.8	NO	Karuk Tribe
Irving	09/24/02	End of foot trail - above MM diversior	5.0	-	Happy Camp RD
Irving	09/06/02	Above path N. of Hwy 96 - above MM diversior	5.2	NO	Karuk Tribe
Irving	07/08/02	Above path N. of Hwy 96 - above MM diversior	10.5	NO	Karuk Tribe
Irving	09/06/01	End of foot trail - above MM diversior	4.4	-	Orleans RD
Irving	09/21/00	End of foot trail - above MM diversior	7.7	NO	Karuk Tribe
Stanshaw Ck diversion					
Stanshaw Ck diversior	08/06/14	Directly in diversion near it's outlet	0.1	NO	Karuk Tribe

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STREAM	DATE SURVEYED	DATA SAMPLING LOCATION ³	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Stanshaw Ck diversion	07/01/14	Directly in diversion near it's outlet	0.5	NO	Karuk Tribe
Stanshaw Ck diversion	06/09/14	Directly in diversion near it's outlet	1.4	NO	Karuk Tribe
Stanshaw Ck diversion	08/16/13	Directly in diversion near it's outlet	0.9	NO	Karuk Tribe
Stanshaw Ck diversion	07/11/13	Directly in diversion near it's outlet	2.8	NO	Karuk Tribe
Stanshaw Ck diversion	08/12/13	Directly in diversion near it's outlet	2.9	NO	Karuk Tribe
Stanshaw Ck diversion	10/04/12	120' down channel of diversion	1.6	YES	Orleans RD
Stanshaw Ck diversion	08/08/12	At crossing of track at Irving Creek- directly in div	1.9	NO	Karuk Tribe
Stanshaw Ck diversion	09/13/11	At crossing of track at Irving Creek- directly in div	3.6	NO	Karuk Tribe
Stanshaw Ck diversion	08/30/11	At crossing of track at Irving Creek- directly in div	2.7	NO	Karuk Tribe
Stanshaw Ck diversion	07/27/11	At crossing of track at Irving Creek- directly in div	1.3	NO	Karuk Tribe
Stanshaw Ck diversion	06/14/11	At crossing of track at Irving Creek- directly in div	2.9	NO	Karuk Tribe
Stanshaw Ck diversion	06/01/11	At crossing of track at Irving Creek- directly in div	2.0	NO	Karuk Tribe
Stanshaw Ck diversion	08/26/10	At crossing of track at Irving Creek- directly in div	2.1	NO	Karuk Tribe
Stanshaw Ck diversion	08/02/10	At crossing of track at Irving Creek- directly in div	1.9	NO	Karuk Tribe
Stanshaw Ck diversion	07/13/10	At crossing of track at Irving Creek- directly in div	1.1	NO	Karuk Tribe
Stanshaw Ck diversion	08/03/09	10 ft down diversion- directly in diversion	1.7	NO	Karuk Tribe
Stanshaw Ck diversion	08/03/09	before hitting Irving - directly in diversion near ou	0.5	NO	Karuk Tribe
Stanshaw Ck diversion	07/28/09	8ft below div. site - directly in diversion	2.0	NO	Karuk Tribe
Stanshaw Ck diversion	07/01/09	on road near Irving- directly in diversion near out	1.8	NO	Karuk Tribe
Stanshaw Ck diversion	07/31/08	At crossing of track at Irving Creek- directly in div	1.7	NO	Karuk Tribe
Stanshaw Ck diversion	06/24/08	At crossing of track at Irving Creek- directly in div	1.8	NO	Karuk Tribe
Stanshaw Ck diversion	8/8/2007	At crossing of track at Irving Creek- directly in div	0.77	NO	Karuk Tribe
Stanshaw Ck diversion	6/27/2007	At crossing of track at Irving Creek- directly in div	2.13	NO	Karuk Tribe
Stanshaw Ck diversion	08/09/06	At crossing of track at Irving Creek- directly in div	2.3	NO	Karuk Tribe
Stanshaw Ck diversion	07/11/06	At crossing of track at Irving Creek- directly in div	1.7	NO	Karuk Tribe
Stanshaw Ck diversion	06/15/06	160' above Hwy 96 rd crossing	2.5	NO	Karuk Tribe
Stanshaw Ck diversion	09/27/05	160' above Hwy 96 rd crossing	1.5	NO	Karuk Tribe
Stanshaw Ck diversion	08/04/05	160' above Hwy 96 rd crossing	1.8	NO	Karuk Tribe
Stanshaw Ck diversion	06/16/05	160' above Hwy 96 rd crossing	1.9	NO	Karuk Tribe
Stanshaw Ck diversion	09/24/03	Diversion outflow into Irving C	1.2	NO	Karuk Tribe
Stanshaw		below diversion	08/06/14	0.6	
Stanshaw		below diversion	07/01/14	0.9	
Stanshaw		below diversion	06/09/14	0.5	
Stanshaw		below diversion	08/19/13	0.3	
Stanshaw		below diversion	07/11/13	0.5	
Stanshaw		below diversion	06/12/13	0.9	
Stanshaw		30' above Klamath River confluence	10/04/12	0.1	YES Orleans RD
Stanshaw		40' above pond near mouth	10/04/12	0.4	YES Orleans RD
Stanshaw		150 ft above diversion inle	10/04/12	2.0	YES Orleans RD
Stanshaw		120' downstream of diversion inle	10/04/12	0.7	YES Orleans RD
Stanshaw		Directly in Stanshaw cr. below diversion by Highw	08/08/12	0.8	NO Karuk Tribe
Stanshaw		Directly in Stanshaw cr. below diversion by Highw	06/14/12	3.3	NO Karuk Tribe
Stanshaw		Across from cabins above 1st cabir	09/16/11	0.4	YES Orleans RD
Stanshaw		Directly in Stanshaw cr. just above diversion	09/13/11	3.2	NO Karuk Tribe
Stanshaw		Directly in Stanshaw cr. below diversion by Highw	09/13/11	0.6	NO Karuk Tribe
Stanshaw		Directly in Stanshaw cr. below diversion by Highw	09/13/11	0.7	NO Karuk Tribe
Stanshaw		Directly in Stanshaw cr. just below diversion	09/13/11	0.5	NO Karuk Tribe
Stanshaw		Directly in Stanshaw cr. below diversion by Highw	08/30/11	0.4	NO Karuk Tribe
Stanshaw		Directly in Stanshaw cr. below diversion by Highw	07/28/11	1.7	NO Karuk Tribe
Stanshaw		Directly in Stanshaw cr. below diversion by Highw	07/01/11	4.4	NO Karuk Tribe
Stanshaw		Directly in Stanshaw cr. below diversion by Highw	06/14/11	5.4	NO Karuk Tribe
Stanshaw		Across from cabins from lodge	09/29/10	0.7	NO Orleans RD
Stanshaw		Across from cabins from lodge	09/15/10	0.3	NO Orleans RD
Stanshaw		Across from cabins from lodge	08/31/10	1.0	NO Orleans RD
Stanshaw		Directly in Stanshaw cr. below diversion by Highw	08/26/10	0.4	NO Karuk Tribe
Stanshaw		Across from cabins from lodge	08/19/10	1.1	NO Orleans RD
Stanshaw		Across from cabins from lodge	08/05/10	2.0	NO Orleans RD
Stanshaw		Directly in Stanshaw cr. below diversion by Highw	08/02/10	2.1	NO Karuk Tribe
Stanshaw		Directly in Stanshaw cr. below diversion by Highw	07/13/10	2.4	NO Karuk Tribe
Stanshaw		Across from cabins above 1st cabir	09/21/09	0.2	NO Orleans RD
Stanshaw		50 ft above diversion	08/03/09	1.7	NO Karuk Tribe
Stanshaw		8 ft below diversion	08/03/09	0.3	NO Karuk Tribe
Stanshaw		100 yds above highway below diversion	08/03/09	0.3	NO Karuk Tribe
Stanshaw		60 ft above diversion	07/28/09	1.9	NO Karuk Tribe
Stanshaw		22 ft below diversion	07/28/09	0.1	NO Karuk Tribe
Stanshaw		below diversion near hwy 96	07/01/09	0.5	NO Karuk Tribe
Stanshaw		Across from cabins from lodge	09/23/08	1.2	YES Orleans RD
Stanshaw		100 ft. upstream of Hwy. 96 road crossing	07/31/08	1.1	NO Karuk Tribe
Stanshaw		100 ft. upstream of Hwy. 96 road crossing	06/24/08	1.9	NO Karuk Tribe
Stanshaw		Across from cabins above 1st cabir	09/26/07	0.5	NO Orleans RD
Stanshaw		100 ft. upstream of Hwy. 96 road crossing	08/08/07	1.2	NO Karuk Tribe
Stanshaw		100 ft. upstream of Hwy. 96 road crossing	06/27/07	1.8	NO Karuk Tribe
Stanshaw		30' above Hwy 96 - below MM diversior	09/18/06	0.7	YES Orleans RD
Stanshaw		100 ft. upstream of Hwy. 96 road crossing - downstream of diversion	09/06/06	1.5	NO Karuk Tribe
Stanshaw		100 ft. upstream of Hwy. 96 road crossing - downstream of diversion	08/09/06	1.8	NO Karuk Tribe
Stanshaw		100 ft. upstream of Hwy. 96 road crossing - downstream of diversion	07/11/06	1.6	NO Karuk Tribe
Stanshaw		100 ft. upstream of Hwy. 96 road crossing - downstream of diversion	06/15/06	5.5	NO Karuk Tribe
Stanshaw		100' above Hwy 96 - below MM diversior	09/27/05	0.4	NO Karuk Tribe
Stanshaw		100' above Hwy 96 - below MM diversior	08/05/05	0.3	NO Karuk Tribe
Stanshaw		100' above Hwy 96 - below MM diversior	07/14/05	2.3	NO Karuk Tribe
Stanshaw		100' above Hwy 96 - below MM diversior	06/16/05	3.9	NO Karuk Tribe
Stanshaw		50' up from Hwy 96 culvert	09/23/04	0.7	Happy Camp RD
Stanshaw		Below MM Ranch diversion intake	08/31/04	0.8	NO Karuk Tribe
Stanshaw		Diversion outflow to MM Ranch / Irving Cree	08/02/04	1.2	NO Karuk Tribe
Stanshaw		Below MM Ranch diversion intake	08/02/04	0.8	NO Karuk Tribe
Stanshaw		Diversion outflow to MM Ranch / Irving Cree	07/12/04	1.8	NO Karuk Tribe
Stanshaw		Below MM Ranch diversion intake	07/12/04	1.9	NO Karuk Tribe
Stanshaw		Diversion outflow to MM Ranch / Irving Cree	06/10/04	1.6	NO Karuk Tribe
Stanshaw		Below MM Ranch diversion intake	06/10/04	2.6	NO Karuk Tribe
Stanshaw		100' above Hwy 96 - below MM diversior	09/24/03	0.4	NO Karuk Tribe
Stanshaw		100' up from MM Ranch Diversior	09/04/03	2.4	- Orleans RD
Stanshaw		Within flume diversion to MM Ranc	09/04/03	1.9	- Orleans RD
Stanshaw		Diversion outflow into Irving C	09/04/03	1.5	- Orleans RD
Stanshaw		200' below MM Ranch diversion intake	09/04/03	0.3	- Orleans RD
Stanshaw		50' above Hwy 96 - below MM diversior	09/24/02	0.7	- Orleans RD
Stanshaw		100' above Hwy 96 - below MM diversior	09/06/02	0.7	NO Karuk Tribe

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STREAM	TRIBUTARY	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Stanshaw		100' above Hwy 96 - below MM diversion	07/08/02	0.8	NO	Karuk Tribe
Stanshaw		500' above mouth - below MM diversion	09/27/01	0.5	-	Orleans RD
Stanshaw		Above water diversion	09/27/00	3.1	-	Orleans RD
Stanshaw		Hwy 96 - below MM diversion	09/22/00	0.4	-	Orleans RD
Sandy Bar	na	70' downstream of Hwy 96 culvert	10/11/12	1.6	NO	Orleans RD
Sandy Bar		20 yds above hwy 96 culvert	08/08/12	2.8	NO	Karuk Tribe
Sandy Bar		20 yds above hwy 96 culvert	06/14/12	10.5	NO	Karuk Tribe
Sandy Bar		20 yds above hwy 96 culvert	08/30/11	3.4	NO	Karuk Tribe
Sandy Bar		20 yds above hwy 96 culvert	07/28/11	6.4	NO	Karuk Tribe
Sandy Bar		20 yds above hwy 96 culvert	06/14/11	18.4	NO	Karuk Tribe
Sandy Bar		20 yds above hwy 96 culvert	06/01/11	13.1	NO	Karuk Tribe
Sandy Bar		150' below Hwy 96	09/29/10	3.9	NO	Orleans RD
Sandy Bar		150' below Hwy 96	09/15/10	3.0	NO	Orleans RD
Sandy Bar		125' below Hwy 96	08/31/10	2.6	NO	Orleans RD
Sandy Bar		150' below Hwy 96	08/19/10	4.7	NO	Orleans RD
Sandy Bar		150' below Hwy 96	08/05/10	3.6	NO	Orleans RD
Sandy Bar		20 yds above hwy 96 culvert	08/02/10	3.6	NO	Karuk Tribe
Sandy Bar		20 yds above hwy 96 culvert	07/13/10	5.3	NO	Karuk Tribe
Sandy Bar		150' below Hwy 96	09/21/09	1.4	NO	Orleans RD
Sandy Bar		20 yds above hwy 96 culvert	08/03/09	1.8	NO	Karuk Tribe
Sandy Bar		20 yds above hwy 96 culvert	07/01/09	2.3	NO	Karuk Tribe
Sandy Bar		200' below Hwy 96 culvert	09/23/08	2.4	YES	Orleans RD
Sandy Bar		25 ft. upstream of Hwy. 96 road crossing	08/01/08	3.1	NO	Karuk Tribe
Sandy Bar		25 ft. upstream of Hwy. 96 road crossing	06/24/08	6.6	NO	Karuk Tribe
Sandy Bar		200' below Hwy 96 crossing	09/26/07	2.0	NO	Orleans RD
Sandy Bar		25 ft. upstream of Hwy. 96 road crossing	08/10/07	2.9	NO	Karuk Tribe
Sandy Bar		25 ft. upstream of Hwy. 96 road crossing	06/27/07	5.0	NO	Karuk Tribe
Sandy Bar		200' below Hwy 96 crossing	09/19/06	3.0	YES	Orleans RD
Sandy Bar		25 ft. upstream of Hwy. 96 road crossing	09/06/06	2.2	NO	Karuk Tribe
Sandy Bar		25 ft. upstream of Hwy. 96 road crossing	08/09/06	5.6	NO	Karuk Tribe
Sandy Bar		25 ft. upstream of Hwy. 96 road crossing	07/11/06	5.7	NO	Karuk Tribe
Sandy Bar		25 ft. upstream of Hwy. 96 road crossing	06/15/06	11.7	NO	Karuk Tribe
Sandy Bar		25' above Hwy 96 crossing	09/27/05	2.2	NO	Karuk Tribe
Sandy Bar		25' above Hwy 96 crossing	08/05/05	3.7	NO	Karuk Tribe
Sandy Bar		25' above Hwy 96 crossing	07/14/05	6.6	NO	Karuk Tribe
Sandy Bar		25' above Hwy 96 crossing	06/16/05	8.8	NO	Karuk Tribe
Sandy Bar		20' Upstream of culvert	09/23/04	2.4	-	Happy Camp RD
Sandy Bar		25' above Hwy 96 crossing	08/31/04	1.1	NO	Karuk Tribe
Sandy Bar		25' above Hwy 96 crossing	08/02/04	2.7	NO	Karuk Tribe
Sandy Bar		25' above Hwy 96 crossing	07/12/04	4.4	NO	Karuk Tribe
Sandy Bar		25' above Hwy 96 crossing	06/10/04	7.1	NO	Karuk Tribe
Sandy Bar		25' above Hwy 96 crossing	09/08/03	1.7	NO	Karuk Tribe
Sandy Bar		300' from mouth	09/20/02	1.3	-	Happy Camp RD
Sandy Bar		25' above Hwy 96 crossing	09/18/02	1.7	NO	Karuk Tribe
Sandy Bar		25' above Hwy 96 crossing	07/09/02	4.2	NO	Karuk Tribe
Sandy Bar		30 ft from stream crossing	09/27/01	1.6	-	Orleans RD
Sandy Bar		300' from mouth	09/21/00	3.1	-	Happy Camp RD
Rock	na	100 yds above mouth	08/14/12	16.1	NO	Karuk Tribe
Rock		100 yds above mouth	06/26/12	35.1	NO	Karuk Tribe
Rock		100 yds above mouth	08/08/11	33.5	NO	Karuk Tribe
Rock		100 yds above mouth	06/23/11	60.3	NO	Karuk Tribe
Rock		100 yds above mouth	08/19/10	19.2	NO	Karuk Tribe
Rock		100 yds above mouth	07/26/10	42.0	NO	Karuk Tribe
Rock		100 yds above mouth	08/11/09	22.3	NO	Karuk Tribe
Rock		100 yds above mouth	07/27/09	19.4	NO	Karuk Tribe
Rock		Approx. 75 ft. up from bridge.	08/28/08	20.1	NO	Karuk Tribe
Rock		Approx. 150 ft. upstream of mouth.	07/02/08	32.2	NO	Karuk Tribe
Rock		20' below bridge	08/28/07	14.3	NO	Happy Camp RD
Rock		75 ft. up from bridge.	08/15/07	14.1	NO	Karuk Tribe
Rock		20' below bridge	07/10/07	23.8	NO	Happy Camp RD
Rock		150 ft. upstream of mouth	07/09/07	21.7	NO	Karuk Tribe
Rock		Under bridge	10/03/06	12.5	NO	Happy Camp RD
Rock		75 ft. up from bridge	09/28/06	15.6	NO	Karuk Tribe
Rock		Under bridge	08/24/06	15.4	NO	Happy Camp RD
Rock		75 ft. up from bridge	08/13/06	15.9	NO	Karuk Tribe
Rock		75 ft. up from bridge	07/20/06	21.0	NO	Karuk Tribe
Rock		Under bridge	06/23/06	45.0	NO	Happy Camp RD
Rock		75 ft. up from bridge	06/22/06	49.8	NO	Karuk Tribe
Rock		Downstream side of bridge	06/08/06	59.4	NO	Happy Camp RD
Rock		150 feet upstream of mouth	10/06/05	13.4	NO	Karuk Tribe
Rock		150 feet upstream of mouth	09/01/05	16.9	NO	Karuk Tribe
Rock		Two miles upstream of mouth	08/29/05	9.8	NO	Karuk Tribe
Rock		150 feet upstream of mouth	08/01/05	25.8	NO	Karuk Tribe
Rock		50' above mouth	09/29/04	13.4	-	Orleans RD
Rock		150' above mouth	09/07/04	10.2	NO	Karuk Tribe
Rock		150' above mouth	08/20/04	11.5	NO	Karuk Tribe
Rock		150' above mouth	07/22/04	13.3	NO	Karuk Tribe
Rock		800' above mouth	10/03/03	12.5	-	Happy Camp RD
Rock		75' above bridge	11/22/02	14.7	NO	Karuk Tribe
Rock		150' above mouth	09/17/02	11.0	NO	Karuk Tribe
Rock		50' above mouth	09/27/00	12.4	-	Happy Camp RD
Rock		500' above mouth	09/09/97	15.4	YES	Happy Camp RD
Rock		400' above mouth	09/11/96	16.7	-	Happy Camp RD
Ti	na	50' below Tanker Fill Site	10/08/12	5.3	NO	Orleans RD
Ti		First big corner up ti bar rd, second pool down	08/08/12	6.7	NO	Karuk Tribe
Ti		First big corner up ti bar rd, second pool down	06/14/12	12.7	NO	Karuk Tribe
Ti		First big corner up ti bar rd, second pool down	08/30/11	8.0	NO	Karuk Tribe
Ti		First big corner up ti bar rd, second pool down	07/28/11	14.8	NO	Karuk Tribe
Ti		First big corner up ti bar rd, second pool down	07/05/11	16.9	NO	Karuk Tribe
Ti		First big corner up ti bar rd, second pool down	06/14/11	23.0	NO	Karuk Tribe
Ti		40' below Tanker Fill Site	09/29/10	6.6	NO	Orleans RD
Ti		40' below Tanker Fill Site	09/15/10	6.4	NO	Orleans RD
Ti		40' below Tanker Fill Site	08/31/10	8.5	NO	Orleans RD
Ti		40' below Tanker Fill Site	08/19/10	8.2	NO	Orleans RD
Ti		30' below Tanker Fill Site	08/05/10	9.2	NO	Orleans RD
Ti		First big corner up ti bar rd, second pool down	08/02/10	9.0	NO	Karuk Tribe
Ti		First big corner up ti bar rd, second pool down	07/13/10	12.0	NO	Karuk Tribe
Ti		Tanker Fill Site	09/21/09	4.2	NO	Orleans RD
Ti		First big corner up ti bar rd, second pool down	08/03/09	4.1	NO	Karuk Tribe
Ti		First big corner up ti bar rd, second pool down	07/01/09	5.8	NO	Karuk Tribe

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and Klamath and Six Rivers National Forests (1996 to 2012 Estimates)						
STREAM	TRIBUTARY	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Ti		30' below Tanker Fill Site	09/23/08	4.8	YES	Orleans RD
Ti		Where U.S.F.S. fire trucks fill with water	08/01/08	6.7	NO	Karuk Tribe
Ti		Where U.S.F.S. fire trucks fill with water	06/24/08	9.8	NO	Karuk Tribe
Ti		30' below Tanker Fill Site	09/26/07	4.7	NO	Orleans RD
Ti		Tanker Fill Site	08/10/07	4.8	NO	Karuk Tribe
Ti		Tanker Fill Site	06/27/07	9.9	NO	Karuk Tribe
Ti		30' below Tanker Fill Site	09/19/06	6.6	YES	Orleans RD
Ti		Tanker Fill Site	09/14/06	6.9	NO	Happy Camp RD
Ti		Tanker Fill Site	09/06/06	6.9	NO	Karuk Tribe
Ti		Tanker Fill Site	08/09/06	8.8	NO	Karuk Tribe
Ti		Tanker Fill Site	07/11/06	12.1	NO	Karuk Tribe
Ti		Tanker Fill Site	06/15/06	28.6	NO	Happy Camp RD
Ti		Tanker Fill Site	06/15/06	25.4	NO	Karuk Tribe
Ti		Tanker Fill Site	10/12/05	4.2	YES	Orleans RD
Ti		Tanker Fill Site	10/11/05	5.7	-	Happy Camp RD
Ti		Tanker Fill Site	09/27/05	5.5	NO	Karuk Tribe
Ti		Tanker Fill Site	08/05/05	7.2	NO	Karuk Tribe
Ti		Tanker Fill Site	06/30/05	11.8	NO	Karuk Tribe
Ti		Tanker Fill Site	06/15/05	14.6	NO	Karuk Tribe
Ti		Tanker Fill Site	09/23/04	6.9	-	Orleans RD
Ti		Tanker Fill Site	09/23/04	6.9	-	Happy Camp RD
Ti		Tanker Fill Site	09/01/04	5.5	NO	Karuk Tribe
Ti		Tanker Fill Site	08/02/04	6.6	NO	Karuk Tribe
Ti		Tanker Fill Site	07/12/04	8.2	NO	Karuk Tribe
Ti		Tanker Fill Site	09/25/03	7.1	-	Orleans RD
Ti		Tanker Fill Site	09/08/03	6.9	NO	Karuk Tribe
Ti		Tanker Fill Site	09/20/02	2.0	-	Happy Camp RD
Ti		Tanker Fill Site	09/18/02	2.2	NO	Karuk Tribe
Ti		Tanker Fill Site	07/09/02	6.4	NO	Karuk Tribe
Ti		Tanker Fill Site	09/05/01	2.5	-	Orleans RD
Ti		Tanker Fill Site	09/21/00	5.8	-	Happy Camp RD
Burns	na	10' upstream of culvert	10/03/06	0.8	NO	Happy Camp RD
Burns		8ft above 96 culvert	10/11/05	0.9	-	Happy Camp RD
Burns		8ft above 96 culvert	09/29/04	0.8	-	Happy Camp RD
Burns		175' upstream of Hwy. 96 road	09/23/02	0.6	-	Karuk Tribe
Burns		Outfall of Hwy96 culvert	09/20/02	0.4	-	Happy Camp RD
Burns		175' upstream of Hwy. 96 road	07/10/02	1.4	-	Karuk Tribe
Carter	na	100' upstream of hwy 96	10/03/06	0.2	NO	Happy Camp RD
Carter		30ft above 96 crossing	10/11/05	0.2	-	Happy Camp RD
Carter		30ft above 96 crossing	09/29/04	0.2	-	Happy Camp RD
Carter		At Hwy 96 crossing	09/23/02	0.0	-	Karuk Tribe
Carter		50' below Hwy 96	09/20/02	0.1	-	Happy Camp RD
Carter		At Hwy 96 crossing	07/10/02	0.1	-	Karuk Tribe
Dillon	na	tailout of second pool below hwy 96 bridge	08/08/12	43.0	NO	Karuk Tribe
Dillon		tailout of second pool below hwy 96 bridge	06/14/12	125.8	NO	Karuk Tribe
Dillon		20 meters upstream campsite 19	09/21/11	38.9	YES	Happy Camp RD
Dillon		tailout of second pool below hwy 96 bridge	08/31/11	35.5	NO	Karuk Tribe
Dillon		tailout of second pool below hwy 96 bridge	07/28/11	71.6	NO	Karuk Tribe
Dillon		20 meters upstream campsite 19	07/18/11	96.5	NO	Happy Camp RD
Dillon		tailout of second pool below hwy 96 bridge	07/05/11	151.7	NO	Karuk Tribe
Dillon		tailout of second pool below hwy 96 bridge	06/14/11	413.6	NO	Karuk Tribe
Dillon		20 meters upstream campsite 19	09/07/10	46.7	Happy Camp RD	
Dillon		tailout of second pool below hwy 96 bridge	08/06/10	63.5	NO	Karuk Tribe
Dillon		tailout of second pool below hwy 96 bridge	07/19/10	93.8	NO	Karuk Tribe
Dillon		Trail down from last camp site to ck., 200 ft. upstream from pool	06/30/10	193.4	YES	Happy Camp RD
Dillon		Trail down from last camp site to ck., 200 ft. upstream from pool	09/24/09	25.9	-	Happy Camp RD
Dillon		Trail down from last camp site to ck., 200 ft. upstream from pool	08/18/09	37.2	-	Happy Camp RD
Dillon		tailout of second pool below hwy 96 bridge	08/03/09	38.8	NO	Karuk Tribe
Dillon		Trail down from last camp site to ck., 200 ft. upstream from pool	07/21/09	52.3	-	Happy Camp RD
Dillon		tailout of second pool below hwy 96 bridge	07/01/09	60.1	NO	Karuk Tribe
Dillon		200 ft. upstream of bridge	06/24/09	86.6	-	Happy Camp RD
Dillon		At bridge	09/24/08	25.5	NO	Happy Camp RD
Dillon		At bridge	08/19/08	32.5	NO	Happy Camp RD
Dillon		tailout of swimming hole at D.C. campground	08/01/08	40.9	NO	Karuk Tribe
Dillon		tailout of swimming hole at D.C. campground	06/24/08	122.5	NO	Karuk Tribe
Dillon		At bridge	08/28/07	27.0	NO	Happy Camp RD
Dillon		tailout of swimming hole at D.C. campground	08/10/07	25.9	NO	Karuk Tribe
Dillon		At bridge	07/10/07	18.3	NO	Happy Camp RD
Dillon		tailout of swimming hole at D.C. campground	06/27/07	59.1	NO	Karuk Tribe
Dillon		300' downstream of hwy 96 bridge	10/03/06	23.9	NO	Happy Camp RD
Dillon		350' downstream of hwy 96 bridge	09/15/06	28.5	NO	Happy Camp RD
Dillon		tailout of swimming hole at D.C. campground	09/06/06	27.5	NO	Karuk Tribe
Dillon		At bridge	08/24/06	30.3	NO	Happy Camp RD
Dillon		tailout of swimming hole at D.C. campground	08/09/06	47.4	NO	Karuk Tribe
Dillon		At bridge	07/19/06	51.7	NO	Happy Camp RD
Dillon		tailout of swimming hole at D.C. campground	07/12/06	71.2	NO	Karuk Tribe
Dillon		30ft upstream from previous site	06/23/06	116.0	NO	Happy Camp RD
Dillon		tailout of swimming hole at D.C. campground	06/15/06	167.5	NO	Karuk Tribe
Dillon		30' from mouth	06/09/06	221.0	NO	Happy Camp RD
Dillon		200' upstream from mouth	10/11/05	27.8	-	Happy Camp RD
Dillon		tailout of swimhole @ DC cmpgmc	09/27/05	23.6	-	Karuk Tribe
Dillon		200' upstream from mouth	09/13/05	36.8	-	Happy Camp RD
Dillon		200' upstream from mouth	08/09/05	49.0	-	Happy Camp RD
Dillon		tailout of swimhole @ DC cmpgmc	08/05/05	51.4	-	Karuk Tribe
Dillon		200' upstream from mouth	07/11/05	109.0	-	Happy Camp RD
Dillon		tailout of swimhole @ DC cmpgmc	06/30/05	124.4	-	Karuk Tribe
Dillon		tailout of swimhole @ DC cmpgmc	06/15/05	150.7	-	Karuk Tribe
Dillon		200' upstream from mouth	06/14/05	158.4	-	Happy Camp RD
Dillon		500' below Hwy 96 bridge	09/23/04	22.5	-	Orleans RD
Dillon		200' upstream from mouth	09/22/04	20.2	-	Happy Camp RD
Dillon		200' upstream from mouth	09/14/04	21.3	-	Happy Camp RD
Dillon		tailout of swimhole @ DC cmpgmc	08/02/04	21.7	-	Karuk Tribe
Dillon		tailout of swimhole @ DC cmpgmc	07/13/04	44.2	-	Karuk Tribe
Dillon		tailout of swimhole @ DC cmpgmc	06/10/04	91.4	-	Karuk Tribe
Dillon		Below Hwy 96 bridge	09/26/03	18.4	-	Orleans RD
Dillon		Below Hwy 96 bridge	09/26/03	17.0	-	Happy Camp RD
Dillon		tailout of swimhole @ DC cmpgmc	09/08/03	26.9	-	Karuk Tribe

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and Klamath and Six Rivers National Forests (1996 to 2012 Estimates)						
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Dillon		Tailout of swimhole @ DC cmpgmc	09/23/02	10.5	-	Karuk Tribe
Dillon		200' upstream from mouth	09/20/02	16.8	-	Happy Camp RD
Dillon		Tailout of swimhole @ DC cmpgmc	07/10/02	60.0	-	Karuk Tribe
Dillon		200' downstream of 96 bridge	09/04/01	17.5	YES	Happy Camp RD
Dillon		200' downstream of 96 bridge	09/21/00	27.6	-	Happy Camp RD
Dillon		Above campground	09/04/97	27.0	YES	Happy Camp RD
Dillon		Below bridge	09/04/97	26.1	YES	Happy Camp RD
Dillon		1st run up from moult	09/10/96	30.7	-	Happy Camp RD
Three Creeks	na	5 meters upstream Hwy 96 culvert	09/07/10	0.5	YES	Happy Camp RD
Three Creeks		30ft below Hwy 96 culvert	10/11/05	0.1	-	Happy Camp RD
Three Creeks		30ft below Hwy 96 culvert	09/30/04	0.1	-	Happy Camp RD
Aubrey	na	15 yds above bridge	08/10/12	2.0	NO	Karuk Tribe
Aubrey		15 yds above bridge	06/18/12	4.2	NO	Karuk Tribe
Aubrey		Upper edge of Hwy 96 culvert	09/21/11	1.5	YES	Happy Camp RD
Aubrey		15 yds above bridge	08/31/11	1.9	NO	Karuk Tribe
Aubrey		15 yds above bridge	08/01/11	2.1	NO	Karuk Tribe
Aubrey		15 yds above bridge	07/05/11	3.9	NO	Karuk Tribe
Aubrey		15 yds above bridge	06/14/11	3.4	NO	Karuk Tribe
Aubrey		10m upstream Hwy 96	09/07/10	1.7	-	Happy Camp RD
Aubrey		15 yds above bridge	08/06/10	2.0	NO	Karuk Tribe
Aubrey		15 yds above bridge	07/19/10	3.0	NO	Karuk Tribe
Aubrey		30 ft. upstream of Hwy. 96	09/24/09	2.0	-	Happy Camp RD
Aubrey		15 yds above bridge	08/04/09	1.3	NO	Karuk Tribe
Aubrey		15 yds above bridge	07/02/09	2.4	NO	Karuk Tribe
Aubrey		Trail to right of Hwy. 96 road crossing, site approx. 65 ft. up from pipe	08/01/08	2.2	NO	Karuk Tribe
Aubrey		Trail to right of Hwy. 96 road crossing, site approx. 65 ft. up from pipe	06/24/08	6.1	NO	Karuk Tribe
Aubrey		Trail to right of Hwy. 96 road crossing, site approx. 65 ft. up from pipe	08/10/07	1.7	-	Karuk Tribe
Aubrey		Trail to right of Hwy. 96 road crossing, site approx. 65 ft. up from pipe	06/27/07	2.6	-	Karuk Tribe
Aubrey		Hwy 96 culvert inlet	09/15/06	2.0	NO	Happy Camp RD
Aubrey		Trail to right of Hwy. 96 road crossing, site approx. 65 ft. up from pipe	09/06/06	1.8	NO	Karuk Tribe
Aubrey		Trail to right of Hwy. 96 road crossing, site approx. 65 ft. up from pipe	08/09/06	2.2	NO	Karuk Tribe
Aubrey		Trail to right of Hwy. 96 road crossing, site approx. 65 ft. up from pipe	07/12/06	3.2	NO	Karuk Tribe
Aubrey		Trail to right of Hwy. 96 road crossing, site approx. 65 ft. up from pipe	06/16/06	5.1	NO	Karuk Tribe
Aubrey		50' above Hwy 96 crossing	10/04/05	1.6	-	Happy Camp RD
Aubrey		65' above pipe near Hwy 96 crossing	09/28/05	1.6	-	Karuk Tribe
Aubrey		65' above pipe near Hwy 96 crossing	08/09/05	1.6	-	Karuk Tribe
Aubrey		65' above pipe near Hwy 96 crossing	06/30/05	2.7	-	Karuk Tribe
Aubrey		65' above pipe near Hwy 96 crossing	06/15/05	3.5	-	Karuk Tribe
Aubrey		50' above Hwy 96 crossing	09/14/04	0.9	-	Happy Camp RD
Aubrey		65' above pipe near Hwy 96 crossing	08/03/04	1.8	-	Karuk Tribe
Aubrey		65' above pipe near Hwy 96 crossing	10/20/03	1.6	-	Karuk Tribe
Aubrey		65' above pipe near Hwy 96 crossing	09/18/02	0.9	-	Karuk Tribe
Aubrey		65' above pipe near Hwy 96 crossing	07/10/02	1.0	-	Karuk Tribe
Elliott	na	30 yds below hwy 96 bridge	08/10/12	1.7	NO	Karuk Tribe
Elliott		30 yds below hwy 96 bridge	06/18/12	3.1	NO	Karuk Tribe
Elliott		30 yards below Hwy 96 Culvert	09/21/11	1.3	YES	Happy Camp RD
Elliott		30 yds below hwy 96 bridge	08/31/11	1.6	NO	Karuk Tribe
Elliott		30 yds below hwy 96 bridge	07/28/11	2.6	NO	Karuk Tribe
Elliott		30 yds below hwy 96 bridge	07/05/11	2.9	NO	Karuk Tribe
Elliott		30 yds below hwy 96 bridge	06/14/11	8.1	NO	Karuk Tribe
Elliott		Down old gravel road on right side of road following creek	09/07/10	1.6	-	Happy Camp RD
Elliott		30 yds below hwy 96 bridge	08/06/10	2.1	NO	Karuk Tribe
Elliott		30 yds below hwy 96 bridge	07/19/10	2.7	NO	Karuk Tribe
Elliott		50' downstream of Hwy 96 crossing	09/24/09	1.0	-	Happy Camp RD
Elliott		30 yds below hwy 96 bridge	07/02/09	2.3	NO	Karuk Tribe
Elliott		100' downstream of Hwy 96 crossing	09/24/08	1.6	-	Happy Camp RD
Elliott		Approx. 157 ft. above Hwy. 96 crossing	08/01/08	2.8	NO	Karuk Tribe
Elliott		Approx. 157 ft. above Hwy. 96 crossing	06/24/08	5.0	NO	Karuk Tribe
Elliott		Approx. 157 ft. above Hwy. 96 crossing	08/10/07	1.6	NO	Karuk Tribe
Elliott		Approx. 157 ft. above Hwy. 96 crossing	06/27/07	15.5	NO	Karuk Tribe
Elliott		Approx. 157 ft. above Hwy. 96 crossing	09/06/06	1.1	NO	Karuk Tribe
Elliott		Approx. 157 ft. above Hwy. 96 crossing	08/09/06	1.7	NO	Karuk Tribe
Elliott		Approx. 157 ft. above Hwy. 96 crossing	07/12/06	2.9	NO	Karuk Tribe
Elliott		Approx. 157 ft. above Hwy. 96 crossing	06/16/06	6.2	NO	Karuk Tribe
Elliott		40' downstream of Hwy 96 crossing	10/11/05	1.7	-	Happy Camp RD
Elliott		150' above Hwy 96 crossing	09/27/05	1.1	NO	Karuk Tribe
Elliott		150' above Hwy 96 crossing	08/09/05	1.5	NO	Karuk Tribe
Elliott		150' above Hwy 96 crossing	06/30/05	3.6	NO	Karuk Tribe
Elliott		150' above Hwy 96 crossing	06/16/05	4.8	NO	Karuk Tribe
Elliott		150' above Hwy 96 crossing	09/07/04	0.9	NO	Karuk Tribe
Elliott		150' above Hwy 96 crossing	07/13/04	2.4	NO	Karuk Tribe
Elliott		150' above Hwy 96 crossing	06/10/04	3.0	NO	Karuk Tribe
Elliott		150' above Hwy 96 crossing	09/08/03	1.4	NO	Karuk Tribe
Elliott		150' above Hwy 96 crossing	09/18/02	1.0	NO	Karuk Tribe
Elliott		150' above Hwy 96 crossing	07/10/02	2.2	NO	Karuk Tribe
Swillup	na	Below hwy 96 bridge	08/10/12	4.8	NO	Karuk Tribe
Swillup		Below hwy 96 bridge	06/18/12	12.0	NO	Karuk Tribe
Swillup		20 yards below Hwy 96	09/21/11	5.6	YES	Happy Camp RD
Swillup		Below hwy 96 bridge	08/31/11	9.0	NO	Karuk Tribe
Swillup		Below hwy 96 bridge	07/21/11	11.4	NO	Karuk Tribe
Swillup		50 yards below Hwy 96	07/18/11	14.1	NO	Happy Camp RD

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and Klamath and Six Rivers National Forests (1996 to 2012 Estimates)						
STREAM	TRIBUTARY	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Swillup		Below hwy 96 bridge	07/05/11	13.1	NO	Karuk Tribe
Swillup		Below hwy 96 bridge	08/15/11	22.3	NO	Karuk Tribe
Swillup		11ft downstream Hwy 96 bridge	09/07/10	7.5	-	Happy Camp RD
Swillup		Below hwy 96 bridge	08/09/10	11.0	NO	Karuk Tribe
Swillup		Below hwy 96 bridge	07/19/10	12.8	NO	Karuk Tribe
Swillup		Under Hwy 96 bridge	06/30/10	25.5	-	Happy Camp RD
Swillup		Under Hwy 96 bridge	06/09/10	63.1	YES	Happy Camp RD
Swillup		300' upstream of Hwy 96 bridge	09/24/09	3.8	-	Happy Camp RD
Swillup		Below hwy 96 bridge	08/04/09	4.5	NO	Karuk Tribe
Swillup		Below hwy 96 bridge	07/02/09	9.1	NO	Karuk Tribe
Swillup		100' upstream of Hwy 96 bridge	09/24/08	5.4	NO	Happy Camp RD
Swillup		100' upstream of Hwy 96 bridge	08/19/08	5.3	NO	Happy Camp RD
Swillup		130 ft. upstream of Hwy. 96 bridge	08/04/08	7.2	NO	Karuk Tribe
Swillup		130 ft. upstream of Hwy. 96 bridge	06/26/08	14.0	NO	Karuk Tribe
Swillup		10' downstream of Hwy 96 bridge	08/29/07	6.7	NO	Happy Camp RD
Swillup		130 ft. upstream of Hwy. 96 bridge	08/10/07	7.1	NO	Karuk Tribe
Swillup		130 ft. upstream of Hwy. 96 bridge	06/27/07	10.0	NO	Karuk Tribe
Swillup		200' upstream of bridge	10/03/06	4.1	NO	Happy Camp RD
Swillup		130 ft. upstream of Hwy. 96 bridge	09/06/06	6.2	NO	Karuk Tribe
Swillup		300' up from hwy 96 bridge	08/24/06	6.7	NO	Happy Camp RD
Swillup		130 ft. upstream of Hwy. 96 bridge	08/09/06	7.6	NO	Karuk Tribe
Swillup		130 ft. upstream of Hwy. 96 bridge	07/12/06	12.8	NO	Karuk Tribe
Swillup		400 ft upstream from hwy 96 bridge	06/23/06	15.6	NO	Happy Camp RD
Swillup		130 ft. upstream of Hwy. 96 bridge	06/16/06	17.6	NO	Karuk Tribe
Swillup		150' upstream from hwy 96 bridge	06/09/06	24.4	NO	Happy Camp RD
Swillup		Above Hwy 96 bridge	09/29/05	6.0	-	Happy Camp RD
Swillup		130' above Hwy 96 bridge	09/28/05	6.0	NO	Karuk Tribe
Swillup		130' above Hwy 96 bridge	08/09/05	7.7	NO	Karuk Tribe
Swillup		130' above Hwy 96 bridge	06/30/05	16.0	NO	Karuk Tribe
Swillup		130' above Hwy 96 bridge	06/15/05	20.6	NO	Karuk Tribe
Swillup		Above Hwy 96 bridge	09/14/04	4.4	-	Happy Camp RD
Swillup		130' above Hwy 96 bridge	09/07/04	3.1	NO	Karuk Tribe
Swillup		130' above Hwy 96 bridge	08/03/04	6.4	NO	Karuk Tribe
Swillup		130' above Hwy 96 bridge	07/13/04	10.3	NO	Karuk Tribe
Swillup		130' above Hwy 96 bridge	06/14/04	11.9	NO	Karuk Tribe
Swillup		Above Hwy 96 bridge	09/25/03	3.8	-	Happy Camp RD
Swillup		130' above Hwy 96 bridge	09/08/03	6.3	NO	Karuk Tribe
Swillup		Above Hwy 96 bridge	09/19/02	3.3	-	Happy Camp RD
Swillup		130' above Hwy 96 bridge	09/08/02	3.8	NO	Karuk Tribe
Swillup		130' above Hwy 96 bridge	07/10/02	10.6	NO	Karuk Tribe
Swillup		Under Hwy 96 bridge	09/04/01	2.4	YES	Happy Camp RD
Swillup		Above Hwy 96 bridge	09/21/00	3.5	-	Happy Camp RD
Coon	na	Track on left of creek up from Hwy. 96	08/10/12	1.4	NO	Karuk Tribe
Coon		Track on left of creek up from Hwy. 96	06/18/12	3.8	NO	Karuk Tribe
Coon		20m upstream Hwy 96 culvert	09/21/11	1.4	YES	Happy Camp RD
Coon		Track on left of creek up from Hwy. 96	08/31/11	1.0	NO	Karuk Tribe
Coon		Track on left of creek up from Hwy. 96	07/29/11	2.5	NO	Karuk Tribe
Coon		12m upstream Hwy 96 culvert	07/18/11	3.0	NO	Happy Camp RD
Coon		Track on left of creek up from Hwy. 96	07/05/11	1.4	NO	Karuk Tribe
Coon		Track on left of creek up from Hwy. 96	06/15/11	5.5	NO	Karuk Tribe
Coon		12m upstream Hwy 96 culvert	09/07/10	2.7	-	Happy Camp RD
Coon		Track on left of creek up from Hwy. 96	08/09/10	3.2	NO	Karuk Tribe
Coon		Track on left of creek up from Hwy. 96	07/19/10	4.0	NO	Karuk Tribe
Coon		End of small access point near bedrock	06/09/10	17.8	-	Happy Camp RD
Coon		50 ft. upstream of Hwy 96 culvert	09/24/09	0.8	-	Happy Camp RD
Coon		Track on left of creek up from Hwy. 96	08/04/09	1.2	NO	Karuk Tribe
Coon		Track on left of creek up from Hwy. 96	07/02/09	2.0	NO	Karuk Tribe
Coon		50 ft. upstream of Hwy 96 culvert	09/24/08	0.6	-	Happy Camp RD
Coon		Track on left of creek up from Hwy. 96, tailout of pool	08/04/08	1.5	NO	Karuk Tribe
Coon		Track on left of creek up from Hwy. 96, tailout of pool	06/26/08	2.9	NO	Karuk Tribe
Coon		Track on left of creek up from Hwy. 96, tailout of pool	06/27/07	26.6	NO	Karuk Tribe
Coon		40' upstream of hwy 96 culvert	09/15/06	1.2	NO	Happy Camp RD
Coon		Track on left of creek up from Hwy. 96, tailout of pool	09/06/06	0.9	NO	Karuk Tribe
Coon		Track on left of creek up from Hwy. 96, tailout of pool	08/09/06	1.8	NO	Karuk Tribe
Coon		Track on left of creek up from Hwy. 96, tailout of pool	07/12/06	2.5	NO	Karuk Tribe
Coon		Track on left of creek up from Hwy. 96, tailout of pool	06/16/06	5.2	NO	Karuk Tribe
Coon		Above Hwy 96 culvert	10/04/05	1.0	-	Happy Camp RD
Coon		Above Hwy 96 culvert	09/29/05	0.9	-	Happy Camp RD
Coon		Pool tailout off track from 96 bridge	09/28/05	0.9	NO	Karuk Tribe
Coon		Pool tailout off track from 96 bridge	08/09/05	1.0	NO	Karuk Tribe
Coon		Pool tailout off track from 96 bridge	07/18/05	2.7	NO	Karuk Tribe
Coon		Pool tailout off track from 96 bridge	06/30/05	4.4	NO	Karuk Tribe
Coon		Pool tailout off track from 96 bridge	06/16/05	5.7	NO	Karuk Tribe
Coon		Above Hwy 96 culvert	09/28/04	1.3	-	Happy Camp RD
Coon		Above Hwy 96 culvert	09/14/04	0.8	-	Happy Camp RD
Coon		Pool tailout off track from 96 bridge	09/07/04	1.1	NO	Karuk Tribe
Coon		Pool tailout off track from 96 bridge	08/03/04	1.3	NO	Karuk Tribe
Coon		Pool tailout off track from 96 bridge	07/13/04	1.8	NO	Karuk Tribe
Coon		Pool tailout off track from 96 bridge	06/14/04	2.9	NO	Karuk Tribe
Coon		Above Hwy 96 culvert	09/30/03	1.2	-	Happy Camp RD
Coon		40ft above Hwy 96 culvert	09/08/03	1.5	NO	Karuk Tribe
Coon		Above Hwy 96 culvert	09/19/02	0.7	-	Happy Camp RD
Coon		Pool tailout off track from 96 bridge	09/18/02	0.3	NO	Karuk Tribe
Coon		Pool tailout off track from 96 bridge	07/10/02	1.4	NO	Karuk Tribe
Coon		Above Hwy 96 culvert	09/06/01	0.5	YES	Happy Camp RD
Coon		Above Hwy 96 culvert	09/21/00	1.2	-	Happy Camp RD
Wyman Gulch	na	11ft upstream of Hwy 96 culvert	09/21/11	0.1	YES	Happy Camp RD
Wyman Gulch		1.5m downstream waterfall	09/07/10	0.3	-	Happy Camp RD
Wyman Gulch			07/19/10	0.3	NO	Karuk Tribe
Wyman Gulch		Base of waterfall	09/24/09	0.1	-	Happy Camp RD
Wyman Gulch		Base of waterfall	09/24/08	0.1	-	Happy Camp RD
Wyman Gulch		2' upstream of Hwy 96 culvert	09/15/06	0.3	NO	Happy Camp RD
Wyman Gulch		8ft above Hwy 96 culvert	10/04/05	0.2	-	Happy Camp RD

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and Klamath and Six Rivers National Forests (1996 to 2012 Estimates)						
STREAM	INTAKE	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Wyman Gulch		8ft above Hwy 96 culvert	09/29/04	0.3	-	Happy Camp RD
Ukonom	na	200 yds above mouth under big alders on right	08/23/12	32.7	NO	Karuk Tribe
Ukonom		201 yds above mouth under big alders on right	06/27/12	74.7	NO	Karuk Tribe
Ukonom		200 yds above mouth under big alders on right	08/12/11	61.6	NO	Karuk Tribe
Ukonom		Pool tailout 200' above mouth	10/01/10	42.0	NO	Happy Camp RD
Ukonom		200 yds above mouth under big alders on right	08/05/10	56.6	NO	Karuk Tribe
Ukonom		200 yds above mouth under big alders on right	07/30/10	60.4	NO	Karuk Tribe
Ukonom		Pool tailout 200' above mouth	07/15/10	96.1	YES	Happy Camp RD
Ukonom		200 yds above mouth under big alders on right	07/29/09	29.1	NO	Karuk Tribe
Ukonom		Pool tailout 200' above mouth	07/14/08	41.1	NO	Karuk Tribe
Ukonom		Pool tailout 200' above mouth	08/29/07	29.5	-	Karuk Tribe
Ukonom		Pool tailout 200' above mouth	07/10/07	42.3	-	Karuk Tribe
Ukonom		Pool tailout 200' above mouth	08/21/06	38.3	NO	Karuk Tribe
Ukonom		Pool tailout 200' above mouth	07/27/06	54.5	NO	Karuk Tribe
Ukonom		Pool tailout 200' above mouth	06/28/06	68.0	NO	Karuk Tribe
Ukonom		Pool tailout 200' above mouth	08/31/05	30.0	-	Karuk Tribe
Ukonom		Pool tailout 200' above mouth	07/29/05	38.5	-	Karuk Tribe
Ukonom		200' above mouth	09/29/04	29.7	-	Orleans RD
Ukonom		200' above mouth	09/23/04	26.5	-	Karuk Tribe
Ukonom		200' above mouth	08/24/04	33.3	-	Karuk Tribe
Ukonom		200' above mouth	07/15/04	44.2	-	Karuk Tribe
Ukonom		Pool tailout 200' above mouth	09/04/02	22.9	-	Karuk Tribe
Ukonom		Pool tailout 200' above mouth	06/27/02	43.8	-	Karuk Tribe
Ukonom		Just above mouth	09/04/01	17.9	-	Happy Camp RD
Ukonom		100' above mouth	08/28/96	43.9	-	Happy Camp RD
Kings	na	100 ft above mouth	08/23/12	0.9	NO	Karuk Tribe
Kings		100 ft above mouth	06/27/12	2.5	NO	Karuk Tribe
Kings		100 ft above mouth	08/12/11	2.1	NO	Karuk Tribe
Kings		200ft upstream of mouth	10/01/10	1.6	-	Happy Camp RD
Kings		100 ft above mouth	08/05/10	2.9	NO	Karuk Tribe
Kings		100 ft above mouth	07/27/10	5.1	NO	Karuk Tribe
Kings		200ft upstream of mouth	07/15/10	4.0	Yes	Happy Camp RD
Kings		100 ft above mouth	07/29/09	1.1	NO	Karuk Tribe
Kings		Approx. 300 ft. up from mouth	07/14/08	0.8	NO	Karuk Tribe
Kings		300 feet up from mouth	08/29/07	0.9	NO	Karuk Tribe
Kings		300 feet up from mouth	07/10/07	0.7	NO	Karuk Tribe
Kings		300 feet up from mouth	08/21/06	0.8	NO	Karuk Tribe
Kings		300 feet up from mouth	07/27/06	1.6	NO	Karuk Tribe
Kings		300 feet up from mouth	06/28/06	2.9	NO	Karuk Tribe
Kings		300 feet up from mouth	08/31/05	1.3	NO	Karuk Tribe
Kings		300 feet up from mouth	07/29/05	1.8	NO	Karuk Tribe
Kings		300 feet up from mouth	06/24/05	4.4	NO	Karuk Tribe
Kings		300 feet up from mouth	09/23/04	0.8	NO	Karuk Tribe
Kings		300 feet up from mouth	08/24/04	0.8	NO	Karuk Tribe
Kings		300 feet up from mouth	09/24/02	0.4	NO	Karuk Tribe
Kings		300 feet up from mouth	06/27/02	1.2	NO	Karuk Tribe
Un-named	na	14m upstream Hwy 96 culvert, above intake	09/07/10	0.1	-	Happy Camp RD
Un-named		20ft above Hwy 96 culvert	09/15/06	0.2	-	Happy Camp RD
Un-named		20ft above Hwy 96 culvert	10/04/05	0.1	-	Happy Camp RD
Un-Named	na	6m downstream private rd, culvert, 14m	09/07/10	0.1	-	Happy Camp RD
Un-Named		40ft above Hwy 96 culvert	09/15/06	0.2	-	Happy Camp RD
Un-Named		20ft above Hwy 96 culvert	10/04/05	0.1	-	Happy Camp RD
Un-Named		8ft above Hwy 96 culvert	09/30/04	0.2	-	Happy Camp RD
Crawford	na	1m upstream Hwy 96 culvert	09/21/11	0.8	YES	Happy Camp RD
Crawford	you C	1m upstream Hwy 96 culvert	09/07/10	0.6	-	Happy Camp RD
Crawford		30' above Hwy 96	09/24/09	0.4	-	Happy Camp RD
Crawford		20' above Hwy 96 culvert	09/24/08	0.7	-	Happy Camp RD
Crawford		34 ft. upstream of Hwy. 96 culvert	07/29/08	1.4	NO	Karuk Tribe
Crawford		34 ft. upstream of Hwy. 96 culvert	06/23/08	2.2	NO	Karuk Tribe
Crawford		Top of Hwy 96 inlet	09/15/06	1.2	NO	Happy Camp RD
Crawford		20' above Hwy 96 culvert	10/04/05	0.7	-	Happy Camp RD
Crawford		200' above Hwy 96	09/23/05	0.8	NO	Karuk Tribe
Crawford		200' above Hwy 96	08/04/05	1.2	NO	Karuk Tribe
Crawford		200' above Hwy 96	07/07/05	2.9	NO	Karuk Tribe
Crawford		20' above Hwy 96 culvert	09/29/04	0.3	-	Happy Camp RD
Crawford		200' above Hwy 96	08/30/04	0.7	NO	Karuk Tribe
Crawford		200' above Hwy 96	08/17/04	0.9	NO	Karuk Tribe
Crawford		200' above Hwy 96	07/30/04	1.3	NO	Karuk Tribe
Crawford		200' above Hwy 96	07/06/04	1.3	NO	Karuk Tribe
Crawford		200' above Hwy 96	06/01/04	1.6	NO	Karuk Tribe
Crawford		34 ft. upstream of Hwy. 96 culvert	09/18/02	0.5	NO	Karuk Tribe
Crawford		34 ft. upstream of Hwy. 96 culvert	07/15/02	1.1	NO	Karuk Tribe
Independence	na	down trail to left of cabin, 20 yds downstream from	08/10/12	15.6	NO	Karuk Tribe
Independence		down trail to left of cabin, 20 yds downstream from	06/18/12	25.3	NO	Karuk Tribe
Independence		End of trail, upstream 10'	09/21/11	14.8	YES	Happy Camp RD
Independence		down trail to left of cabin, 20 yds downstream from	08/31/11	18.6	NO	Karuk Tribe
Independence		down trail to left of cabin, 20 yds downstream from	07/29/11	21.1	NO	Karuk Tribe
Independence		End of trail, upstream 10'	07/21/11	30.1	NO	Happy Camp RD
Independence		down trail to left of cabin, 20 yds downstream from	07/05/11	45.5	NO	Karuk Tribe
Independence		down trail to left of cabin, 20 yds downstream from	06/15/11	66.1	NO	Karuk Tribe
Independence		End of trail, upstream 10'	09/07/10	14.5	-	Happy Camp RD
Independence		down trail to left of cabin, 20 yds downstream from	08/09/10	24.0	NO	Karuk Tribe
Independence		down trail to left of cabin, 20 yds downstream from	07/19/10	25.1	NO	Karuk Tribe
Independence		End of trail, upstream 10'	06/30/10	41.8	-	Happy Camp RD
Independence		End of trail, upstream 10'	06/09/10	103.4	-	Happy Camp RD
Independence		120 ft upstream from where trail meets creek	09/24/09	11.9	-	Happy Camp RD
Independence		120 ft upstream from where trail meets creek	08/18/09	12.1	-	Happy Camp RD
Independence		down trail to left of cabin, 20 yds downstream from	08/05/09	11.5	NO	Karuk Tribe
Independence		down trail to left of cabin, 20 yds downstream from	07/02/09	16.2	NO	Karuk Tribe
Independence		120 ft upstream from where trail meets creek	06/24/09	23.6	-	Happy Camp RD
Independence		80 ft upstream from where trail meets creek	09/24/08	13.4	-	Happy Camp RD
Independence		80 ft upstream from where trail meets creek	08/19/08	15.0	-	Happy Camp RD
Independence		265 ft. above beginning of alder line	06/26/08	20.1	NO	Karuk Tribe
Independence		80 ft upstream from where trail meets creek	06/25/08	24.0	-	Happy Camp RD
Independence		Upstream from temp gauge	08/29/07	14.0	NO	Happy Camp RD
Independence		265 ft. above beginning of alder line	08/13/07	13.4	NO	Karuk Tribe

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and Klamath and Six Rivers National Forests (1996 to 2012 Estimates)						
STREAM	TRIBUTARY	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Independence		Upstream from temp gauge	07/09/07	15.8	NO	Happy Camp RD
Independence		255 ft. above beginning of alder line	06/28/07	19.3	NO	Karuk Tribe
Independence		Upstream from temp gauge	10/13/06	14.4	-	Happy Camp RD
Independence		End of trail	09/12/06	13.6	-	Happy Camp RD
Independence		255 ft. above beginning of alder line	09/08/06	13.7	NO	Karuk Tribe
Independence		Next to tribes temp gauge	07/19/06	27.3	NO	Happy Camp RD
Independence		255 ft. above beginning of alder line	07/12/06	28.9	NO	Karuk Tribe
Independence		20 ft upstream of trail, 1000 ft upstream of mouth	06/27/06	32.8	-	Happy Camp RD
Independence		255 ft. above beginning of alder line	06/16/06	38.8	NO	Karuk Tribe
Independence		Next to tribes temp gauge	06/08/06	56.8	-	Happy Camp RD
Independence		300' from mouth	10/14/05	11.7	-	Happy Camp RD
Independence		300' above start of alder line	09/28/05	9.7	NO	Karuk Tribe
Independence		300' from mouth	09/27/05	13.2	-	Happy Camp RD
Independence		300' above start of alder line	08/29/05	11.2	NO	Karuk Tribe
Independence		300' above start of alder line	06/24/05	24.1	NO	Karuk Tribe
Independence		300' from mouth	09/30/04	12.4	-	Happy Camp RD
Independence		300' from mouth	09/17/04	11.2	-	Happy Camp RD
Independence		250' above start of alder line	08/03/04	15.1	NO	Karuk Tribe
Independence		250' above start of alder line	07/13/04	17.9	NO	Karuk Tribe
Independence		250' above start of alder line	06/14/04	18.4	NO	Karuk Tribe
Independence		300 feet up from mouth	09/24/03	11.9	-	Happy Camp RD
Independence		300' above start of alder line	09/19/03	17.9	NO	Karuk Tribe
Independence		380' from mouth	09/19/02	9.8	-	Happy Camp RD
Independence		250' above start of alder line	09/18/02	8.4	NO	Karuk Tribe
Independence		400' above start of alder line	07/15/02	15.1	NO	Karuk Tribe
Independence		400' upstream of mouth	09/04/01	6.5	YES	Happy Camp RD
Independence		300' up from mouth	09/20/00	15.3	-	Happy Camp RD
Independence		100' down from middle of 1st bend	09/04/97	14.0	YES	Happy Camp RD
Independence		200' above mouth	08/27/96	19.3	-	Happy Camp RD
Titus	na	60 yds above mouth	08/23/12	4.0	NO	Karuk Tribe
Titus		60 yds above mouth	06/27/12	6.9	NO	Karuk Tribe
Titus		60 yds above mouth	08/31/11	5.2	NO	Karuk Tribe
Titus		60 yds above mouth	06/29/11	7.2	NO	Karuk Tribe
Titus		65 feet upstream from mouth	10/01/10	4.2	NO	Happy Camp RD
Titus		60 yds above mouth	07/27/10	6.0	NO	Karuk Tribe
Titus		65 feet upstream from mouth	07/15/10	5.2	Yes	Happy Camp RD
Titus		60 yds above mouth	07/29/09	3.3	NO	Karuk Tribe
Titus		130 feet upstream from mouth	07/14/08	3.9	NO	Karuk Tribe
Titus		130 feet upstream from mouth	08/30/07	37.3	NO	Karuk Tribe
Titus		130 feet upstream from mouth	07/10/07	30.8	NO	Karuk Tribe
Titus		130 feet upstream from mouth	07/27/06	5.2	NO	Karuk Tribe
Titus		130 feet upstream from mouth	06/28/06	8.8	NO	Karuk Tribe
Titus		130 feet upstream from mouth	08/31/05	1.9	NO	Karuk Tribe
Titus		130 feet upstream from mouth	07/29/05	2.7	NO	Karuk Tribe
Titus		130 feet upstream from mouth	06/24/05	5.7	NO	Karuk Tribe
Titus		130 feet upstream from mouth	09/23/04	3.0	NO	Karuk Tribe
Titus		130 feet upstream from mouth	08/25/04	3.9	NO	Karuk Tribe
Titus		130 feet upstream from mouth	07/15/04	4.3	NO	Karuk Tribe
Douglas	na	7m upstream Hwy 96 culvert	09/07/10	0.2	-	Happy Camp RD
Douglas		20' upstream from hwy 96	09/14/06	0.1	-	Happy Camp RD
Douglas		15' above Hwy 96 culvert	10/04/05	0.1	-	Happy Camp RD
Douglas		15' above Hwy 96 culvert	09/30/04	0.1	-	Happy Camp RD
Clear	na	Downstream edge Hwy 96 bridge	09/29/11	49.2	YES	Happy Camp RD
Clear		Downstream edge Hwy 96 bridge	07/21/11	152.2	NO	Happy Camp RD
Clear		Downstream edge Hwy 96 bridge	09/07/10	47.4	-	Happy Camp RD
Clear		Downstream edge Hwy 96 bridge	09/29/10	286.9	-	Happy Camp RD
Clear		1 m. downstream from bridge	09/30/09	37.6	-	Happy Camp RD
Clear		5 ft downstream from bridge	06/24/09	110.2	-	Happy Camp RD
Clear		5 ft downstream from bridge	12/11/08	84.5	NO	Happy Camp RD
Clear		5 ft downstream from bridge	09/24/08	41.2	NO	Happy Camp RD
Clear		5 ft downstream from bridge	08/19/08	52.5	NO	Happy Camp RD
Clear		5 ft downstream from bridge	07/23/08	166.0	NO	Happy Camp RD
Clear		5 ft downstream from bridge	06/24/08	227.3	NO	Happy Camp RD
Clear		100ft downstream of private bridge	08/29/07	44.4	NO	Happy Camp RD
Clear		Just downstream of bridge	07/10/07	72.7	NO	Happy Camp RD
Clear		80 ft downstream from bridge	10/13/06	28.3	NO	Happy Camp RD
Clear		Under bridge at mouth	09/12/06	51.5	NO	Happy Camp RD
Clear		Under bridge at mouth	07/19/06	95.5	NO	Happy Camp RD
Clear		5' upstream from last survey	06/22/06	197.2	NO	Happy Camp RD
Clear		20' from mouth	06/08/06	389.1	NO	Happy Camp RD
Clear		Under Hwy96 bridge	10/14/05	45.3	-	Happy Camp RD
Clear		Under Hwy96 bridge	09/13/05	51.1	-	Happy Camp RD
Clear		Under Hwy96 bridge	08/09/05	71.8	-	Happy Camp RD
Clear		Under Hwy96 bridge	07/11/05	153.3	-	Happy Camp RD
Clear		Under Hwy96 bridge	06/15/05	215.9	-	Happy Camp RD
Clear		Under Hwy96 bridge	10/08/04	34.1	-	Happy Camp RD
Clear		Under Hwy96 bridge	09/17/04	36.1	-	Happy Camp RD
Clear		Near mouth	08/25/04	49.2	NO	Karuk Tribe
Clear		Under Hwy 96 bridge	09/24/03	35.8	NO	Karuk Tribe
Clear		70' downstream of train bridge	09/19/03	40.3	NO	Karuk Tribe
Clear		Under Hwy96 bridge	09/19/02	34.2	-	Happy Camp RD
Clear		70' below train bridge	09/18/02	37.8	NO	Karuk Tribe
Clear		Directly downstream of 96 bridge	09/04/01	24.8	YES	Happy Camp RD
Clear		Under Hwy96 bridge	09/20/00	45.3	-	Happy Camp RD
Clear		Directly downstream of 96 bridge	09/04/97	39.4	YES	Happy Camp RD
Clear		Directly downstream of 96 bridge	08/28/96	60.8	-	Happy Camp RD
Wingate	na	90 ft upstream Hwy 96 culvert	09/29/11	0.3	YES	Happy Camp RD
Wingate		4m upstream Hwy 96 culvert	09/09/10	0.5	-	Happy Camp RD
Wingate		Upstream of Hwy 96 near culvert	09/30/09	0.1	NO	Happy Camp RD
Wingate		50' upstream from bridge	09/12/06	0.2	NO	Happy Camp RD
Wingate		Up at Bridge on Clear Creek Rc	09/27/05	0.4	-	Happy Camp RD
Wingate		10' upstream of Hwy96	09/28/04	0.1	-	Happy Camp RD
Wingate		200' upstream of Hwy96	09/20/02	0.1	-	Happy Camp RD
Oak Flat	na	89 ft. upstream of Hwy. 96 bridge.	08/13/12	2.0	NO	Karuk Tribe
Oak Flat		89 ft. upstream of Hwy. 96 bridge.	06/18/12	5.2	NO	Karuk Tribe
Oak Flat		Just downstream Hwy 96 bridge	09/21/11	2.1	YES	Happy Camp RD
Oak Flat		89 ft. upstream of Hwy. 96 bridge.	08/01/11	4.5	NO	Karuk Tribe
Oak Flat		89 ft. upstream of Hwy. 96 bridge.	06/15/11	9.9	NO	Karuk Tribe
Oak Flat		6m upstream Hwy 96 bridge	09/09/10	2.3	-	Happy Camp RD

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STREAM	TRIBUTARY	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Oak Flat		89 ft. upstream of Hwy. 96 bridge.	08/09/10	3.3	NO	Karuk Tribe
Oak Flat		89 ft. upstream of Hwy. 96 bridge.	07/20/10	4.2	NO	Karuk Tribe
Oak Flat		2m Downstream from Hwy96 bridge	06/09/10	27.7	-	Happy Camp RD
Oak Flat		Downstream from Hwy 96 bridge	09/30/09	1.2	-	Happy Camp RD
Oak Flat		89 ft. upstream of Hwy. 96 bridge.	08/05/09	2.0	NO	Karuk Tribe
Oak Flat		89 ft. upstream of Hwy. 96 bridge.	07/06/09	2.9	NO	Karuk Tribe
Oak Flat		50 ft downstream from Hwy96 bridge	09/25/08	1.6	-	Happy Camp RD
Oak Flat		89 ft. upstream of Hwy. 96 bridge.	08/04/08	2.2	NO	Karuk Tribe
Oak Flat		89 ft. upstream of Hwy. 96 bridge.	06/26/08	8.2	NO	Karuk Tribe
Oak Flat		89 ft. upstream of Hwy. 96 bridge.	08/09/07	1.1	NO	Karuk Tribe
Oak Flat		89 ft. upstream of Hwy. 96 bridge.	06/28/07	3.4	NO	Karuk Tribe
Oak Flat		20' upstream from bridge	10/13/06	1.5	NO	Happy Camp RD
Oak Flat		20' upstream from bridge	09/12/06	1.6	NO	Happy Camp RD
Oak Flat		89 ft. upstream of Hwy. 96 bridge.	09/07/06	1.2	NO	Karuk Tribe
Oak Flat		89 ft. upstream of Hwy. 96 bridge.	08/09/06	2.6	NO	Karuk Tribe
Oak Flat		89 ft. upstream of Hwy. 96 bridge.	07/12/06	4.8	NO	Karuk Tribe
Oak Flat		89 ft. upstream of Hwy. 96 bridge.	06/19/06	7.7	NO	Karuk Tribe
Oak Flat		Under Hwy 96 bridge	10/04/05	1.9	-	Happy Camp RD
Oak Flat		Under Hwy 96 bridge	09/29/05	1.6	-	Happy Camp RD
Oak Flat		60' above Hwy 96 bridge	09/28/05	1.7	NO	Karuk Tribe
Oak Flat		60' above Hwy 96 bridge	08/17/05	1.5	NO	Karuk Tribe
Oak Flat		60' above Hwy 96 bridge	07/18/05	4.3	NO	Karuk Tribe
Oak Flat		60' above Hwy 96 bridge	06/17/05	8.5	NO	Karuk Tribe
Oak Flat		Under Hwy 96 bridge	10/08/04	1.6	-	Happy Camp RD
Oak Flat		Under Hwy 96 bridge	09/17/04	1.8	-	Happy Camp RD
Oak Flat		60' above Hwy 96 bridge	09/13/04	1.2	NO	Karuk Tribe
Oak Flat		60' above Hwy 96 bridge	08/03/04	1.7	NO	Karuk Tribe
Oak Flat		60' above Hwy 96 bridge	07/13/04	2.0	NO	Karuk Tribe
Oak Flat		60' above Hwy 96 bridge	06/14/04	3.8	NO	Karuk Tribe
Oak Flat		Under Hwy 96 bridge	09/30/03	1.8	-	Happy Camp RD
Oak Flat		60' above Hwy 96 bridge	09/22/03	1.8	NO	Karuk Tribe
Oak Flat		60' above Hwy 96 bridge	09/18/02	1.3	NO	Karuk Tribe
Oak Flat		60' above Hwy 96 bridge	07/15/02	3.2	NO	Karuk Tribe
Oak Flat		under Hwy96 bridge	09/19/02	1.1	-	Happy Camp RD
Oak Flat		Under Hwy 96 bridge	09/06/01	0.5	YES	Happy Camp RD
Oak Flat		above Hwy 96 bridge	09/20/00	1.6	-	Happy Camp RD
Doolittle	na	12m upstream Hwy 96	09/09/10	0.4	-	Happy Camp RD
Doolittle		20' above Hwy 96 culvert	09/30/09	0.1	-	Happy Camp RD
Doolittle		60' up from hwy 96	09/12/06	0.2	-	Happy Camp RD
Doolittle		20' above Hwy 96 culvert	10/15/05	0.2	-	Happy Camp RD
Elk	na	25 yards below curly jack rd bridge	08/21/12	36.3	NO	Karuk Tribe
Elk		25 yards below curly jack rd bridge	06/19/12	123.4	NO	Karuk Tribe
Elk		200 m downstream of bridge	09/21/11	42.0	YES	Happy Camp RD
Elk		25 yards below curly jack rd bridge	09/07/11	45.1	NO	Karuk Tribe
Elk		25 yards below curly jack rd bridge	08/01/11	114.1	NO	Karuk Tribe
Elk		200 m downstream of bridge	07/14/11	172.2	NO	Happy Camp RD
Elk		25 yards below curly jack rd bridge	07/06/11	294.3	NO	Karuk Tribe
Elk		25 yards below curly jack rd bridge	06/23/11	391.0	NO	Karuk Tribe
Elk		20 m upstream of mouth	09/09/10	50.7	-	Happy Camp RD
Elk		25 yards below curly jack rd bridge	08/09/10	61.4	NO	Karuk Tribe
Elk		25 yards below curly jack rd bridge	07/21/10	96.5	NO	Karuk Tribe
Elk		25 yards below curly jack rd bridge	07/20/10	136.2	NO	Karuk Tribe
Elk		60' upstream of mouth	06/30/10	219.3	-	Happy Camp RD
Elk		150 ft. downstream of bridge	10/07/09	23.9	-	Happy Camp RD
Elk		100 m downstream of bridge	09/30/09	30.2	-	Happy Camp RD
Elk		100 ft. downstream of bridge	08/18/09	32.5	-	Happy Camp RD
Elk		25 yards below curly jack rd bridge	08/05/09	31.0	NO	Karuk Tribe
Elk		100 ft. downstream of bridge	07/15/09	43.9	-	Happy Camp RD
Elk		100 ft. downstream of bridge	07/06/09	58.0	-	Happy Camp RD
Elk		25 yards below curly jack rd bridge	07/06/09	43.7	NO	Karuk Tribe
Elk		100 ft. downstream of bridge	06/25/09	86.7	-	Happy Camp RD
Elk		400 ft upstream from mouth	09/25/08	25.0	NO	Happy Camp RD
Elk		400 ft upstream from mouth	08/28/08	32.3	NO	Happy Camp RD
Elk		Above bridge	08/04/08	41.1	NO	Karuk Tribe
Elk		400 ft upstream from mouth	07/23/08	48.0	NO	Happy Camp RD
Elk		Above bridge	06/26/08	161.1	NO	Karuk Tribe
Elk		400 ft upstream from mouth	06/24/08	140.1	NO	Happy Camp RD
Elk		300 ft upstream of mouth	08/29/07	28.8	NO	Happy Camp RD
Elk		Above bridge	07/20/07	50.6	NO	Karuk Tribe
Elk		300 ft upstream of mouth	07/10/07	41.1	NO	Happy Camp RD
Elk		300 ft upstream of mouth	07/03/07	56.2	NO	Happy Camp RD
Elk		Above bridge	07/06/07	46.3	NO	Karuk Tribe
Elk		150 ft upstream from mouth	10/13/06	30.7	NO	Happy Camp RD
Elk		Above bridge	09/26/06	25.1	NO	Karuk Tribe
Elk		250' upstream of mouth	09/12/06	35.6	NO	Happy Camp RD
Elk		Above bridge	09/07/06	35.6	NO	Karuk Tribe
Elk		Above bridge	08/10/06	46.4	NO	Karuk Tribe
Elk		500' from mouth	07/19/06	70.8	NO	Happy Camp RD
Elk		Above bridge	07/13/06	71.3	NO	Karuk Tribe
Elk		80' upstream of mouth	06/22/06	156.7	NO	Happy Camp RD
Elk		Above bridge	06/19/06	181.3	NO	Karuk Tribe
Elk		50' upstream of mouth	06/07/06	292.2	NO	Happy Camp RD
Elk		Near mouth, under Elk Ck bridge	10/14/05	22.6	-	Happy Camp RD
Elk		Near mouth, under Elk Ck bridge	09/28/05	28.9	NO	Karuk Tribe
Elk		Near mouth, under Elk Ck bridge	09/13/05	32.4	-	Happy Camp RD
Elk		Near mouth, under Elk Ck bridge	08/16/05	41.1	NO	Karuk Tribe
Elk		Near mouth, under Elk Ck bridge	08/09/05	38.0	-	Happy Camp RD
Elk		Near mouth, under Elk Ck bridge	07/18/05	58.3	NO	Karuk Tribe
Elk		Near mouth, under Elk Ck bridge	07/11/05	82.1	-	Happy Camp RD
Elk		Near mouth, under Elk Ck bridge	06/16/05	168.4	NO	Karuk Tribe
Elk		Near mouth, under Elk Ck bridge	06/15/05	174.6	-	Happy Camp RD
Elk		Near mouth, under Elk Ck bridge	10/08/04	27.9	-	Happy Camp RD
Elk		Near mouth, under Elk Ck bridge	09/17/04	24.6	-	Happy Camp RD
Elk		Near mouth, 100' below bridge	09/13/04	27.4	NO	Karuk Tribe
Elk		Near mouth, 100' below bridge	08/10/04	32.9	NO	Karuk Tribe
Elk		Near mouth, 100' below bridge	07/19/04	53.9	NO	Karuk Tribe
Elk		Near mouth, 100' below bridge	06/14/04	128.5	NO	Karuk Tribe
Elk		Near mouth, near Elk Ck Bridge	09/23/03	28.7	-	Happy Camp RD
Elk		Above 2nd avenue bridge	09/19/03	32.2	NO	Karuk Tribe
Elk		Near mouth, under Elk Ck bridge	09/19/02	19.8	-	Happy Camp RD
Elk		60' above bridge	07/15/02	58.4	NO	Karuk Tribe
Elk		300'up from mouth, under bridge	09/05/01	11.5	YES	Happy Camp RD

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STREAM	TRIBUTARY	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Elk		Near mouth, near bridge	09/20/00	41.5	-	Happy Camp RD
Elk		Near mouth, 150' down from bridge	09/02/97	35.2	YES	Happy Camp RD
Elk		1st run from mouth	08/27/96	39.0	-	Happy Camp RD
Little Grider	na	10 ft above hwy 96 bridge	08/13/12	2.2	NO	Karuk Tribe
Little Grider		300 ft above 'trail down to creek'	06/18/12	7.9	NO	Karuk Tribe
Little Grider		10 ft above hwy 96 bridge	09/28/11	1.6	YES	Happy Camp RD
Little Grider		10 ft above hwy 96 bridge	09/07/11	2.3	NO	Karuk Tribe
Little Grider		10 ft above hwy 96 bridge	08/01/11	4.0	NO	Karuk Tribe
Little Grider		14m upstream trail near temp gauge spo	07/14/11	6.6	-	Happy Camp RD
Little Grider		10 ft above hwy 96 bridge	07/08/11	8.9	NO	Karuk Tribe
Little Grider		10 ft above hwy 96 bridge	06/15/11	16.4	NO	Karuk Tribe
Little Grider		10 ft above hwy 96 bridge	08/10/10	4.1	NO	Karuk Tribe
Little Grider		10 ft above hwy 96 bridge	07/20/10	6.8	NO	Karuk Tribe
Little Grider		500' upstream hwy 96 bridge	06/08/10	40.4	YES	Happy Camp RD
Little Grider		150 m. upstream of Hwy 96	09/30/09	1.1	-	Happy Camp RD
Little Grider		157 ft. upstream of Hwy 96 bridge	08/05/09	2.1	NO	Karuk Tribe
Little Grider		500 m. from trail	07/07/09	2.9	-	Happy Camp RD
Little Grider		157 ft. upstream of Hwy 96 bridge	07/06/09	2.7	NO	Karuk Tribe
Little Grider		Directly under Hwy96 Bridge	09/25/08	1.1	-	Happy Camp RD
Little Grider		157 ft. upstream of Hwy 96 bridge	08/04/08	2.8	NO	Karuk Tribe
Little Grider		157 ft. upstream of Hwy 96 bridge	06/26/08	7.9	NO	Karuk Tribe
Little Grider		157 ft. upstream of Hwy 96 bridge	07/20/07	2.2	NO	Karuk Tribe
Little Grider		157 ft. upstream of Hwy 96 bridge	06/28/07	3.8	NO	Karuk Tribe
Little Grider		10 ft upstream from bridge	10/13/06	0.9	-	Happy Camp RD
Little Grider		20' down creek from bridge	09/12/06	1.8	-	Happy Camp RD
Little Grider		157 ft. upstream of Hwy 96 bridge	09/07/06	1.2	NO	Karuk Tribe
Little Grider		157 ft. upstream of Hwy 96 bridge	08/12/06	2.9	NO	Karuk Tribe
Little Grider		157 ft. upstream of Hwy 96 bridge	07/12/06	4.2	NO	Karuk Tribe
Little Grider		157 ft. upstream of Hwy 96 bridge	06/19/06	6.9	NO	Karuk Tribe
Little Grider		155 upstream of Hwy 96	09/28/05	1.2	NO	Karuk Tribe
Little Grider		30' above Hwy96 Bridge	09/27/05	1.5	-	Happy Camp RD
Little Grider		155 upstream of Hwy 96	08/17/05	2.1	NO	Karuk Tribe
Little Grider		155 upstream of Hwy 96	07/18/05	3.7	NO	Karuk Tribe
Little Grider		155 upstream of Hwy 96	06/17/05	8.5	NO	Karuk Tribe
Little Grider		500' above Hwy96 Bridge	09/17/04	1.2	-	Happy Camp RD
Little Grider		155 upstream of Hwy 96	09/13/04	0.8	NO	Karuk Tribe
Little Grider		155 upstream of Hwy 96	07/13/04	2.3	NO	Karuk Tribe
Little Grider		155 upstream of Hwy 96	06/14/04	4.4	NO	Karuk Tribe
Little Grider		120' upstream from Hwy 96	09/23/03	1.0	-	Happy Camp RD
Little Grider		155 upstream of Hwy 96	09/22/03	0.9	NO	Karuk Tribe
Little Grider		155 upstream of Hwy 96	10/07/02	0.5	NO	Karuk Tribe
Little Grider		500' above Hwy96 Bridge	09/19/02	1.1	-	Happy Camp RD
Little Grider		155 upstream of Hwy 96	07/15/02	2.1	NO	Karuk Tribe
Indian	na	100 ft above mouth	08/13/12	65.9	NO	Karuk Tribe
Indian		100 ft above mouth	06/18/12	231.0	NO	Karuk Tribe
Indian		50 yards upstream of mouth	09/21/11	53.9	YES	Happy Camp RD
Indian		100 ft above mouth	09/07/11	63.7	NO	Karuk Tribe
Indian		100 ft above mouth	08/01/11	178.1	NO	Karuk Tribe
Indian		10m upstram Hwy 96 bridge	07/18/11	211.7	NO	Happy Camp RD
Indian		100 ft above mouth	07/06/11	307.6	NO	Karuk Tribe
Indian		100 ft above mouth	06/23/11	567.8	NO	Karuk Tribe
Indian		10m upstram Hwy 96 bridge	09/09/10	61.3	-	Happy Camp RD
Indian		100 ft above mouth	08/09/10	94.5	NO	Karuk Tribe
Indian		100' downstream Hwy 96 bridge	07/08/10	193.0	-	Happy Camp RD
Indian		75' downstream Hwy 96 bridge	06/30/10	302.3	YES	Happy Camp RD
Indian		at USGS Gauging Station	10/08/09	35.9	-	Happy Camp RD
Indian		150' up from mouth	10/07/09	41.0	-	Happy Camp RD
Indian		200' up from mouth	09/24/09	29.5	-	Happy Camp RD
Indian		100' up from mouth	08/18/09	45.0	-	Happy Camp RD
Indian		100 ft above mouth	08/05/09	41.4	NO	Karuk Tribe
Indian		100' up from mouth	07/15/09	77.7	-	Happy Camp RD
Indian		100 ft above mouth	07/06/09	77.7	NO	Karuk Tribe
Indian		150' up from mouth	06/25/09	119.8	-	Happy Camp RD
Indian		100' up from mouth	12/10/08	70.1	NO	Happy Camp RD
Indian		100' up from mouth	09/24/08	48.7	NO	Happy Camp RD
Indian		100' up from mouth	08/28/08	55.6	NO	Happy Camp RD
Indian		28 ft. upstream of 2nd Ave. bridge	08/04/08	77.4	NO	Karuk Tribe
Indian		100' up from mouth	07/23/08	105.4	NO	Happy Camp RD
Indian		28 ft. upstream of 2nd Ave. bridge	06/26/08	289.5	NO	Karuk Tribe
Indian		100' up from mouth	06/24/08	229.5	NO	Happy Camp RD
Indian		300ft above mouth	08/28/07	44.0	NO	Happy Camp RD
Indian		28 ft. upstream of 2nd Ave. bridge	07/20/07	83.7	-	Karuk Tribe
Indian		300ft above mouth	07/03/07	106.9	NO	Happy Camp RD
Indian		28 ft. upstream of 2nd Ave. bridge	06/28/07	105.7	-	Karuk Tribe
Indian		70' up from mouth	10/13/06	44.1	NO	Happy Camp RD
Indian		28 ft. upstream of 2nd Ave. bridge	09/26/06	42.6	NO	Karuk Tribe
Indian		200' upstream of mouth	09/13/06	53.0	NO	Happy Camp RD
Indian		28 ft. upstream of 2nd Ave. bridge	09/07/06	56.2	NO	Karuk Tribe
Indian		200' above mouth	08/24/06	58.8	NO	Happy Camp RD
Indian		28 ft. upstream of 2nd Ave. bridge	08/10/06	81.2	NO	Karuk Tribe
Indian		300' from mouth	07/19/06	137.9	NO	Happy Camp RD
Indian		28 ft. upstream of 2nd Ave. bridge	07/12/06	136.3	NO	Karuk Tribe
Indian		30' upstream of mouth	06/22/06	241.6	NO	Happy Camp RD
Indian		28 ft. upstream of 2nd Ave. bridge	06/19/06	260.4	NO	Karuk Tribe
Indian		50' upstream from mouth	06/08/06	367.8	NO	Happy Camp RD
Indian		80' up from mouth	10/14/05	41.1	-	Happy Camp RD
Indian		100 feet upstream from mouth	09/28/05	28.2	-	Karuk Tribe
Indian		80' up from mouth	09/14/05	47.1	-	Happy Camp RD
Indian		100 feet upstream from mouth	08/18/05	61.1	-	Karuk Tribe
Indian		80' up from mouth	08/09/05	72.8	-	Happy Camp RD
Indian		100 feet upstream from mouth	07/18/05	122.3	-	Karuk Tribe
Indian		200' up from mouth	07/12/05	146.8	-	Happy Camp RD
Indian		100 feet upstream from mouth	06/17/05	254.7	-	Karuk Tribe
Indian		75' up from mouth	06/15/05	234.7	-	Happy Camp RD
Indian		50' up from mouth	09/22/04	44.3	-	Happy Camp RD
Indian		50' up from mouth	09/17/04	44.7	-	Happy Camp RD
Indian		100 feet upstream from mouth	09/13/04	37.3	-	Karuk Tribe
Indian		100 feet upstream from mouth	08/10/04	53.9	-	Karuk Tribe
Indian		100 feet upstream from mouth	07/13/04	82.8	-	Karuk Tribe
Indian		100 feet upstream from mouth	06/14/04	177.6	-	Karuk Tribe
Indian		50' up from mouth	09/23/03	47.4	-	Happy Camp RD
Indian		80' above 2nd ave bridge	09/22/03	43.9	-	Karuk Tribe

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and Klamath and Six Rivers National Forests (1996 to 2012 Estimates)						
STREAM	TRIBUTARY	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Indian		50' up from mouth	09/26/02	33.1	-	Happy Camp RD
Indian		30' above 2nd ave bridge	09/16/02	32.0	-	Karuk Tribe
Indian		30' above 2nd ave bridge	07/15/02	83.4	-	Karuk Tribe
Indian		70' upstream from mouth	09/05/01	20.6	YES	Happy Camp RD
Indian		just above mouth	09/19/00	56.8	-	Happy Camp RD
Indian		just above mouth	09/02/97	49.8	YES	Happy Camp RD
Indian		near mouth	08/26/96	67.9	-	Happy Camp RD
Indian		MS Indian Ck above S. Fork	08/26/96	23.8	-	Happy Camp RD
Indian		MS Indian Ck above W. Branch	08/26/96	6.9	-	Happy Camp RD
East Fork	ar	EF Indian Ck - 400' above mouth	08/26/96	12.0	-	Happy Camp RD
South Fork	ar	SF Indian Ck - 700' from mouth	08/27/96	15.5	-	Happy Camp RD
Westbranch	ar	West Branch Indian Ck above mouth	08/26/96	11.4	-	Happy Camp RD
Cade	na	60 Ft above highway 96	08/20/12	0.5	NO	Karuk Tribe
Cade		60 Ft above highway 96	06/19/12	2.0	NO	Karuk Tribe
Cade		100 ft upstream Hwy 96 culvert	09/28/11	0.6	YES	Happy Camp RD
Cade		60 Ft above highway 96	09/07/11	0.6	NO	Karuk Tribe
Cade		60 Ft above highway 96	08/02/11	0.7	NO	Karuk Tribe
Cade		60 Ft above highway 96	07/11/11	1.4	NO	Karuk Tribe
Cade		60 Ft above highway 96	06/16/11	2.5	NO	Karuk Tribe
Cade		15 m upstream Hwy 96 culvert	09/09/10	0.6	-	Happy Camp RD
Cade		60 Ft above highway 96	08/16/10	0.6	NO	Karuk Tribe
Cade		25' upstream Hwy 96 culvert	08/05/10	0.8	-	Happy Camp RD
Cade		60 Ft above highway 96	07/20/10	0.8	NO	Karuk Tribe
Cade		100' upstream from Hwy 96 culvert	09/30/09	0.2	-	Happy Camp RD
Cade		60 Ft above highway 96	08/05/09	0.3	NO	Karuk Tribe
Cade		60 Ft above highway 96	07/06/09	0.6	NO	Karuk Tribe
Cade		100' upstream from Hwy 96 culvert	09/25/08	0.5	-	Happy Camp RD
Cade		78' upstream from Hwy 96 culvert	08/04/08	0.7	NO	Karuk Tribe
Cade		78' upstream from Hwy 96 culvert	06/26/08	1.0	NO	Karuk Tribe
Cade		78' upstream from Hwy 96 culvert	07/20/07	1.1	-	Karuk Tribe
Cade		78' upstream from Hwy 96 culvert	06/28/07	1.1	-	Karuk Tribe
Cade		150' upstream from Hwy 96 bridge	09/16/06	0.5	-	Happy Camp RD
Cade		78' upstream from Hwy 96 culvert	09/15/06	0.5	NO	Karuk Tribe
Cade		78' upstream from Hwy 96 culvert	08/10/06	0.9	NO	Karuk Tribe
Cade		78' upstream from Hwy 96 culvert	07/13/06	1.5	NO	Karuk Tribe
Cade		78' upstream from Hwy 96 culvert	06/19/06	2.5	NO	Karuk Tribe
Cade		78' upstream from Hwy 96 culvert	10/14/05	0.4	-	Happy Camp RD
Cade		78' upstream from Hwy 96 culvert	09/29/05	0.3	-	Karuk Tribe
Cade		78' upstream from Hwy 96 culvert	08/17/05	0.7	-	Karuk Tribe
Cade		78' upstream from Hwy 96 culvert	07/19/05	1.2	-	Karuk Tribe
Cade		78' upstream from Hwy 96 culvert	06/17/05	2.5	-	Karuk Tribe
Cade		78' upstream from Hwy 96 culvert	09/15/04	0.7	-	Karuk Tribe
Cade		78' upstream from Hwy 96 culvert	08/10/04	0.4	-	Karuk Tribe
Cade		78' upstream from Hwy 96 culvert	07/19/04	0.8	-	Karuk Tribe
Cade		78' upstream from Hwy 96 culvert	06/15/04	1.2	-	Karuk Tribe
Cade		78' upstream from Hwy 96 culvert	09/22/03	0.7	-	Karuk Tribe
Cade		78' upstream from Hwy 96 culvert	07/16/02	0.6	-	Karuk Tribe
(Little) Horse	na	30 ft below china grade rd bridge	08/13/12	0.8	NO	Karuk Tribe
(Little) Horse		30 ft below china grade rd bridge	06/19/12	1.2	NO	Karuk Tribe
(Little) Horse		100 ft upstream of China Grade Rd. Bridge	09/28/11	0.6	YES	Happy Camp RD
(Little) Horse		30 ft below china grade rd bridge	09/07/11	0.9	NO	Karuk Tribe
(Little) Horse		30 ft below china grade rd bridge	08/01/11	1.3	NO	Karuk Tribe
(Little) Horse		30 ft below china grade rd bridge	07/06/11	1.7	NO	Karuk Tribe
(Little) Horse		30 ft below china grade rd bridge	06/15/11	3.0	NO	Karuk Tribe
(Little) Horse	near	6 m downstream China Grade Rd. Bridge	09/09/10	0.7	-	Happy Camp RD
(Little) Horse		30 ft below china grade rd bridge	08/10/10	1.1	NO	Karuk Tribe
(Little) Horse		30 ft below china grade rd bridge	07/21/10	1.4	NO	Karuk Tribe
(Little) Horse		5' downstream China Grade Rd. culvert	06/09/10	4.0	-	Happy Camp RD
(Little) Horse		83 ft. upstream of China Creek Rd. culvert	09/30/09	0.4	-	Happy Camp RD
(Little) Horse		30 ft below china grade rd bridge	08/05/09	0.4	NO	Karuk Tribe
(Little) Horse		30 ft below china grade rd bridge	07/06/09	0.8	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	06/25/08	1.2	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	08/09/07	0.6	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	06/29/07	1.3	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	09/15/06	0.4	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	09/07/06	0.5	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	08/10/06	1.2	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	07/13/06	1.2	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	06/19/06	2.6	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	09/28/05	0.4	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	08/17/05	0.6	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	07/18/05	0.9	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	06/16/05	3.0	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	09/13/04	0.5	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	07/23/04	0.7	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	06/15/04	1.6	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	10/20/03	0.7	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	09/26/02	0.2	NO	Karuk Tribe
(Little) Horse		83' upstream of China Ck Rd culvert	07/16/02	0.8	NO	Karuk Tribe
China	na	30 yds above china grade road bridge	08/13/12	1.5	NO	Karuk Tribe
China		30 yds above china grade road bridge	06/19/12	3.8	NO	Karuk Tribe
China		100 ft upstream of China Grade Rd. culvert	09/28/11	1.2	YES	Happy Camp RD
China		30 yds above china grade road bridge	09/07/11	1.9	NO	Karuk Tribe
China		30 yds above china grade road bridge	08/01/11	3.0	NO	Karuk Tribe
China		30 yds above china grade road bridge	07/06/11	4.6	NO	Karuk Tribe
China		30 yds above china grade road bridge	06/15/11	6.2	NO	Karuk Tribe
China		2 m downstream China Grade Rd. culvert	09/09/10	1.6	-	Happy Camp RD
China		30 yds above china grade road bridge	08/10/10	1.6	NO	Karuk Tribe
China		30 yds above china grade road bridge	07/21/10	3.1	NO	Karuk Tribe
China		150' upstream China Grade Rd. culvert	06/07/10	13.9	-	Happy Camp RD
China		Inside culvert	09/30/09	1.4	-	Happy Camp RD
China		30 yds above china grade road bridge	08/05/09	0.9	NO	Karuk Tribe
China		30 yds above china grade road bridge	07/06/09	1.5	NO	Karuk Tribe
China		55 ft. above China Creek Rd. crossing	06/25/08	3.7	NO	Karuk Tribe
China		55 ft. above China Creek Rd. crossing	08/09/07	1.6	-	Karuk Tribe
China		55 ft. above China Creek Rd. crossing	06/29/07	3.3	-	Karuk Tribe
China		55 ft. above China Creek Rd. crossing	09/15/06	1.5	NO	Karuk Tribe

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and
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(1996 to 2012 Estimates)

STREAM	DATE	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
China		50' upstream from arched culvert	09/13/06	1.9	-	Happy Camp RD
China		55 ft. above China Creek Rd. crossing	09/07/06	1.1	NO	Karuk Tribe
China		55 ft. above China Creek Rd. crossing	08/10/06	3.4	NO	Karuk Tribe
China		55 ft. above China Creek Rd. crossing	06/19/06	7.2	NO	Karuk Tribe
China		55' above China Crk Rd Crossing	09/28/05	1.3	-	Karuk Tribe
China		55' above China Crk Rd Crossing	08/17/05	1.5	-	Karuk Tribe
China		55' above China Crk Rd Crossing	07/18/05	3.1	-	Karuk Tribe
China		55' above China Crk Rd Crossing	06/16/05	7.1	-	Karuk Tribe
China		Near China Creek RD crossing	09/17/04	1.3	-	Happy Camp RD
China		55' above China Crk Rd Crossing	09/13/04	1.7	-	Karuk Tribe
China		55' above China Crk Rd Crossing	07/23/04	1.8	-	Karuk Tribe
China		55' above China Crk Rd Crossing	06/15/04	3.8	-	Karuk Tribe
China		55' above China Crk Rd Crossing	10/20/03	1.8	-	Karuk Tribe
China		Near China Crk Rd Crossing	09/23/03	1.6	-	Happy Camp RD
China		55' above China Crk Rd Crossing	09/26/02	0.9	-	Karuk Tribe
China		80' upstream from 46N03 bridge	09/18/02	1.2	-	Happy Camp RD
China		55' above China Crk Rd Crossing	07/16/02	2.2	-	Karuk Tribe
China		30' upstream of 46N03 bridge	09/05/01	0.6	YES	Happy Camp RD
China		40' up from 46N03 bridge	09/20/00	1.8	-	Happy Camp RD
China		40' up from 46N03 bridge	09/03/97	2.0	YES	Happy Camp RD
China		Under 46N03 bridge	08/27/96	2.5	-	Happy Camp RD
Thompson		200 ft above bridge	08/20/12	21.0	NO	Karuk Tribe
Thompson		200 ft above bridge	06/19/12	46.5	NO	Karuk Tribe
Thompson		125' downstream of Hwy 96 bridge (end of path)	09/28/11	14.7	YES	Happy Camp RD
Thompson		200 ft above bridge	08/02/11	25.0	NO	Karuk Tribe
Thompson		200 ft above bridge	07/11/11	37.7	NO	Karuk Tribe
Thompson		200 ft above bridge	06/16/11	117.8	NO	Karuk Tribe
Thompson		30' downstream of Hwy 96 bridge (end of path)	09/10/10	18.6	-	Happy Camp RD
Thompson		200 ft above bridge	08/16/10	15.4	NO	Karuk Tribe
Thompson		200 ft above bridge	07/23/10	2.3	NO	Karuk Tribe
Thompson		200 ft above bridge	07/21/10	32.2	NO	Karuk Tribe
Thompson		60' downstream from Hwy 96 bridge	07/01/10	63.9	-	Happy Camp RD
Thompson		30 m downstream from Hwy 96 bridge	09/30/09	10.8	-	Happy Camp RD
Thompson		30 m downstream from Hwy 96 bridge	08/20/09	7.4	-	Happy Camp RD
Thompson		200 ft above bridge	08/06/09	9.0	NO	Karuk Tribe
Thompson		200 ft above bridge	07/16/09	24.5	NO	Karuk Tribe
Thompson		100' downstream from Hwy 96 bridge	06/25/09	30.2	-	Happy Camp RD
Thompson		50' downstream from Hwy 96 bridge	09/25/08	11.3	NO	Happy Camp RD
Thompson		50' downstream from Hwy 96 bridge	08/29/08	14.8	NO	Happy Camp RD
Thompson		Under upstream edge of Hwy 96 bridge	08/06/08	28.1	NO	Karuk Tribe
Thompson		Under upstream edge of Hwy 96 bridge	07/03/08	35.5	NO	Karuk Tribe
Thompson		50' downstream from Hwy 96 bridge	06/25/08	52.7	NO	Happy Camp RD
Thompson		Riffle above temperature gauge poo	09/04/07	13.7	NO	Happy Camp RD
Thompson		Under upstream edge of Hwy 96 bridge	08/09/07	14.8	NO	Karuk Tribe
Thompson		Riffle above temperature gauge poo	07/02/07	30.3	NO	Happy Camp RD
Thompson		Under upstream edge of Hwy 96 bridge	06/29/07	21.9	NO	Karuk Tribe
Thompson		Under upstream edge of Hwy 96 bridge	09/26/06	15.2	NO	Karuk Tribe
Thompson		15' downstream from Hwy 96 bridge	09/13/06	22.8	NO	Happy Camp RD
Thompson		Under upstream edge of Hwy 96 bridge	08/15/06	18.5	NO	Karuk Tribe
Thompson		40' downstream from bridge	08/10/06	22.4	NO	Happy Camp RD
Thompson		Under upstream edge of Hwy 96 bridge	07/13/06	24.1	NO	Karuk Tribe
Thompson		40' downstream from bridge	06/28/06	46.8	NO	Happy Camp RD
Thompson		Under upstream edge of Hwy 96 bridge	06/20/06	60.7	NO	Karuk Tribe
Thompson		150' downstream of Hwy 96	06/12/06	76.4	NO	Happy Camp RD
Thompson		Under upstream edge of Hwy 96 bridge	06/12/06	78.2	NO	Karuk Tribe
Thompson		Under Hwy 96 Bridge	10/18/05	10.8	-	Happy Camp RD
Thompson		At Hwy 96 Bridge	09/29/05	11.6	NO	Karuk Tribe
Thompson		At Hwy 96 Bridge	08/22/05	17.0	NO	Karuk Tribe
Thompson		At Hwy 96 Bridge	07/22/05	25.6	NO	Karuk Tribe
Thompson		At Hwy 96 Bridge	06/17/05	62.3	NO	Karuk Tribe
Thompson		Under Hwy 96 bridge	09/15/04	13.4	NO	Karuk Tribe
Thompson		Under Hwy 96 bridge	08/11/04	16.8	NO	Karuk Tribe
Thompson		Under Hwy 96 bridge	07/19/04	21.8	NO	Karuk Tribe
Thompson		Under Hwy 96 bridge	06/17/04	32.0	NO	Karuk Tribe
Thompson		Under Hwy 96 bridge	10/27/03	13.6	NO	Karuk Tribe
Thompson		Under Hwy 96 bridge	09/18/02	11.0	-	Happy Camp RD
Thompson		Under Hwy 96 bridge	07/16/02	24.8	NO	Karuk Tribe
Thompson		Under bridge	09/06/01	4.5	-	Happy Camp RD
Thompson		At bridge	09/26/00	11.5	-	Happy Camp RD
Thompson		400' up from Hwy 96 bridge	09/09/97	17.2	YES	Happy Camp RD
Thompson		100' down from Hwy 96 bridge	08/27/96	20.1	-	Happy Camp RD
Fort Goff		80 Ft below hwy 96 culvert	08/20/12	1.9	NO	Karuk Tribe
Fort Goff		80 Ft below hwy 96 culvert	06/19/12	10.8	NO	Karuk Tribe
Fort Goff		500 yards up creek from Hwy 96 culvert	09/28/11	3.4	YES	Happy Camp RD
Fort Goff		80 Ft below hwy 96 culvert	08/02/11	6.5	NO	Karuk Tribe
Fort Goff		80 Ft below hwy 96 culvert	07/11/11	12.0	NO	Karuk Tribe
Fort Goff		80 Ft below hwy 96 culvert	06/16/11	28.6	NO	Karuk Tribe
Fort Goff		30' downstream Hwy 96 culvert (down from path)	09/10/10	3.4	-	Happy Camp RD
Fort Goff		80 Ft below hwy 96 culvert	08/16/10	6.6	NO	Karuk Tribe
Fort Goff		80 Ft below hwy 96 culvert	07/20/10	16.3	NO	Karuk Tribe
Fort Goff		20 ft. downstream Hwy 96 culvert	07/01/10	16.9	-	Happy Camp RD
Fort Goff		200 ft. upstream Hwy 96 culvert	06/08/10	62.3	YES	Happy Camp RD
Fort Goff		Inside culvert	09/30/09	2.6	-	Happy Camp RD
Fort Goff		1 ft upstream of Hwy 96 Culvert	08/20/09	2.8	-	Happy Camp RD
Fort Goff		80 Ft below hwy 96 culvert	08/07/09	3.6	NO	Karuk Tribe
Fort Goff		80 Ft below hwy 96 culvert	07/16/09	4.0	NO	Karuk Tribe
Fort Goff		200 ft upstream of Hwy 96 Culvert	07/06/09	6.7	-	Happy Camp RD
Fort Goff		250' upstream of hwy 96 culvert	09/25/08	3.4	NO	Happy Camp RD
Fort Goff		250' upstream of hwy 96 culvert	08/29/08	3.5	NO	Happy Camp RD
Fort Goff		100 ft. upstream of Hwy. 96 crossing	08/06/08	4.6	NO	Karuk Tribe
Fort Goff		100 ft. upstream of Hwy. 96 crossing	07/03/08	9.4	NO	Karuk Tribe
Fort Goff		250' upstream of hwy 96 culvert	06/26/08	14.8	NO	Happy Camp RD
Fort Goff		In culvert	09/04/07	3.5	NO	Happy Camp RD
Fort Goff		100 ft. upstream of Hwy. 96 crossing	08/09/07	2.8	-	Karuk Tribe
Fort Goff		100 ft. upstream of Hwy. 96 crossing	06/29/07	7.9	-	Karuk Tribe
Fort Goff		100 ft. upstream of Hwy. 96 crossing	09/26/06	3.0	NO	Karuk Tribe
Fort Goff		40' downstream of hwy 96 culvert	09/13/06	3.4	NO	Happy Camp RD
Fort Goff		100 ft. upstream of Hwy. 96 crossing	08/15/06	3.6	NO	Karuk Tribe
Fort Goff		100 ft. upstream of Hwy. 96 crossing	07/13/06	6.9	NO	Karuk Tribe
Fort Goff		100 ft. upstream of Hwy. 96 crossing	06/20/06	17.6	NO	Karuk Tribe
Fort Goff		80' upstream of Hwy 96 culvert	10/12/05	2.3	-	Happy Camp RD
Fort Goff		100' upstream of Hwy 96 culvert	09/29/05	3.0	NO	Karuk Tribe

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and Klamath and Six Rivers National Forests (1996 to 2012 Estimates)						
STREAM	TRIBUTARY	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Fort Goff		100' upstream of Hwy 96 culvert	08/22/05	3.9	NO	Karuk Tribe
Fort Goff		100' upstream of Hwy 96 culvert	07/19/05	7.7	NO	Karuk Tribe
Fort Goff		100' upstream of Hwy 96 culvert	06/20/05	18.6	NO	Karuk Tribe
Fort Goff		Upstream side of Hwy 96 culvert	09/22/04	3.6	-	Happy Camp RD
Fort Goff		100' above Hwy 96 crossing	09/15/04	2.3	NO	Karuk Tribe
Fort Goff		100' above Hwy 96 crossing	08/10/04	3.3	NO	Karuk Tribe
Fort Goff		100' above Hwy 96 crossing	07/19/04	3.9	NO	Karuk Tribe
Fort Goff		100' above Hwy 96 crossing	06/17/04	8.8	NO	Karuk Tribe
Fort Goff		100' above Hwy 96 crossing	09/22/03	3.0	NO	Karuk Tribe
Fort Goff		In Hwy 96 culvert	09/18/02	4.1	-	Happy Camp RD
Fort Goff		100' above Hwy 96 crossing	07/17/02	7.1	NO	Karuk Tribe
Fort Goff		In Hwy 96 culvert	09/05/01	1.7	YES	Happy Camp RD
Fort Goff		Below Hwy 96 culvert	09/26/00	4.3	-	Happy Camp RD
Portuguese	na	80 ft above hwy 96 culvert	08/20/12	1.6	NO	Karuk Tribe
Portuguese		80 ft above hwy 96 culvert	06/19/12	7.3	NO	Karuk Tribe
Portuguese		60' upstream of Hwy 96 culvert	09/26/11	1.1	YES	Happy Camp RD
Portuguese		80 ft above hwy 96 culvert	08/03/11	2.9	NO	Karuk Tribe
Portuguese		80 ft above hwy 96 culvert	07/11/11	6.5	NO	Karuk Tribe
Portuguese		80 ft above hwy 96 culvert	06/16/11	25.9	NO	Karuk Tribe
Portuguese		40' upstream of Hwy 96 culvert	09/10/10	1.6	-	Happy Camp RD
Portuguese		80 ft above hwy 96 culvert	08/16/10	2.8	NO	Karuk Tribe
Portuguese		80 ft above hwy 96 culvert	07/20/10	4.3	NO	Karuk Tribe
Portuguese		300 ft. upstream of Hwy 96	07/01/10	10.9	-	Happy Camp RD
Portuguese		300 ft. upstream of Hwy 96	06/08/10	34.2	YES	Happy Camp RD
Portuguese		100 m. upstream of Hwy. 96	09/30/09	0.7	-	Happy Camp RD
Portuguese		100 m. upstream of Hwy 96	08/20/09	0.9	-	Happy Camp RD
Portuguese		80 ft above hwy 96 culvert	08/06/09	0.9	NO	Karuk Tribe
Portuguese		80 ft above hwy 96 culvert	07/16/09	2.6	NO	Karuk Tribe
Portuguese		300 ft. upstream of mouth	07/02/09	4.0	-	Happy Camp RD
Portuguese		400' upstream of Hwy 96	09/25/08	1.6	-	Happy Camp RD
Portuguese		400' upstream of Hwy 96	08/29/08	2.2	-	Happy Camp RD
Portuguese		150 ft. upstream of Hwy 96 crossing	08/06/08	2.2	NO	Karuk Tribe
Portuguese		150 ft. upstream of Hwy 96 crossing	07/03/08	4.3	NO	Karuk Tribe
Portuguese		400' upstream of Hwy 96	06/26/08	9.8	-	Happy Camp RD
Portuguese		150 ft. upstream of Hwy 96 crossing	08/09/07	1.4	-	Karuk Tribe
Portuguese		150 ft. upstream of Hwy 96 crossing	06/29/07	3.7	-	Karuk Tribe
Portuguese		150 ft. upstream of Hwy 96 crossing	09/26/06	0.8	NO	Karuk Tribe
Portuguese		500' upstream of temp gauge	09/13/06	1.5	NO	Happy Camp RD
Portuguese		150 ft. upstream of Hwy 96 crossing	08/15/06	1.9	NO	Karuk Tribe
Portuguese		150 ft. upstream of Hwy 96 crossing	07/13/06	3.6	NO	Karuk Tribe
Portuguese		150 ft. upstream of Hwy 96 crossing	06/21/06	7.7	NO	Karuk Tribe
Portuguese		40' upstream of Hwy 96	10/12/05	1.5	-	Happy Camp RD
Portuguese		150' above Hwy 96 crossing	09/29/05	1.3	NO	Karuk Tribe
Portuguese		150' above Hwy 96 crossing	08/22/05	1.6	NO	Karuk Tribe
Portuguese		150' above Hwy 96 crossing	07/19/05	3.5	NO	Karuk Tribe
Portuguese		150' above Hwy 96 crossing	06/20/05	7.7	NO	Karuk Tribe
Portuguese		In outlet segment of Hwy 96 culvert	09/22/04	1.8	-	Happy Camp RD
Portuguese		150' above Hwy 96 crossing	09/15/04	1.0	NO	Karuk Tribe
Portuguese		150' above Hwy 96 crossing	08/10/04	1.8	NO	Karuk Tribe
Portuguese		150' above Hwy 96 crossing	07/19/04	2.5	NO	Karuk Tribe
Portuguese		150' above Hwy 96 crossing	06/17/04	4.7	NO	Karuk Tribe
Portuguese		Just above Hwy 96 culvert	09/30/03	1.3	-	Happy Camp RD
Portuguese		150' above Hwy 96 crossing	09/22/03	1.3	NO	Karuk Tribe
Portuguese		20' below Hwy 96 culvert	09/18/02	1.8	-	Happy Camp RD
Portuguese		150' above Hwy 96 crossing	07/17/02	4.2	NO	Karuk Tribe
Portuguese		In Hwy 96 culvert	09/05/01	0.7	-	Happy Camp RD
Portuguese		Just above Hwy 96 culvert	09/19/00	1.8	-	Happy Camp RD
Seiad	na	50 ft below hwy 96 bridge	08/20/12	1.4	NO	Karuk Tribe
Seiad		50 ft below hwy 96 bridge	06/20/12	10.7	NO	Karuk Tribe
Seiad		Underneath Hwy 96 bridge	09/26/11	1.2	YES	Happy Camp RD
Seiad		50 ft below hwy 96 bridge	08/03/11	3.9	NO	Karuk Tribe
Seiad		50 ft below hwy 96 bridge	07/11/11	10.6	NO	Karuk Tribe
Seiad		50 ft below hwy 96 bridge	06/16/11	57.8	NO	Karuk Tribe
Seiad	mouth	Underneath Hwy 96 bridge	09/10/10	1.2	NO	Happy Camp RD
Seiad		50 ft below hwy 96 bridge	08/17/10	1.3	NO	Karuk Tribe
Seiad		50 ft below hwy 96 bridge	07/21/10	3.1	NO	Karuk Tribe
Seiad		250 ft upstream of Hwy 96 bridge	06/08/10	86.2	YES	Happy Camp RD
Seiad		Under Hwy 96 bridge	09/25/09	0.5	-	Happy Camp RD
Seiad		50 ft below hwy 96 bridge	08/06/09	0.4	NO	Karuk Tribe
Seiad		50 ft below hwy 96 bridge	07/16/09	1.4	NO	Karuk Tribe
Seiad		200 ft downstream of trail just beyond private property	08/29/08	2.0	NO	Happy Camp RD
Seiad		Pool tailout upstream of Hwy 96 bridge	08/07/08	2.0	NO	Karuk Tribe
Seiad		Pool tailout upstream of Hwy 96 bridge	07/03/08	15.5	NO	Karuk Tribe
Seiad		200 ft downstream of trail just beyond private property	06/26/08	12.0	NO	Happy Camp RD
Seiad		Pool tailout upstream of Hwy 96 bridge	08/13/07	1.0	NO	Karuk Tribe
Seiad		Pool tailout upstream of Hwy 96 bridge	07/06/07	2.2	NO	Karuk Tribe
Seiad		Upstream of Paper Plates swimming hole	07/02/07	3.9	NO	Happy Camp RD
Seiad		Pool tailout upstream of Hwy 96 bridge	09/26/06	1.8	NO	Karuk Tribe
Seiad		Pool tailout upstream of Hwy 96 bridge	08/15/06	1.9	NO	Karuk Tribe
Seiad		400' downstream of Temp gauge	08/10/06	1.4	NO	Happy Camp RD
Seiad		Pool tailout upstream of Hwy 96 bridge	07/17/06	3.8	NO	Karuk Tribe
Seiad		400' downstream of Temp. gauge	06/28/06	8.2	NO	Happy Camp RD
Seiad		Pool tailout upstream of Hwy 96 bridge	06/21/06	20.0	NO	Karuk Tribe
Seiad		Pool tailout above Hwy 96 bridge	09/21/05	1.0	NO	Karuk Tribe
Seiad		Pool tailout above Hwy 96 bridge	08/22/05	0.6	NO	Karuk Tribe
Seiad		Pool tailout above Hwy 96 bridge	07/19/05	6.2	NO	Karuk Tribe
Seiad		Pool tailout above Hwy 96 bridge	06/20/05	21.2	NO	Karuk Tribe
Seiad		Pool tailout above Hwy 96 bridge	09/15/04	1.5	NO	Karuk Tribe
Seiad		Pool tailout above Hwy 96 bridge	08/10/04	2.7	NO	Karuk Tribe
Seiad		Pool tailout above Hwy 96 bridge	07/19/04	3.5	NO	Karuk Tribe
Seiad		Pool tailout above Hwy 96 bridge	09/19/02	dry	NO	Karuk Tribe
Seiad		Pool tailout above Hwy 96 bridge	07/17/02	1.1	NO	Karuk Tribe
Seiad	(upstr)	20 ft above diversion	08/20/12	2.6	NO	Karuk Tribe
Seiad		20 ft above diversion	06/20/12	8.6	NO	Karuk Tribe
Seiad		20 ft above diversion	08/03/11	5.3	NO	Karuk Tribe
Seiad		20 ft above diversion	07/11/11	11.4	NO	Karuk Tribe
Seiad		20 ft above diversion	06/16/11	38.0	NO	Karuk Tribe
Seiad		20 ft above diversion	08/17/10	3.2	NO	Karuk Tribe

**Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and
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STREAM	TRIBUTARY	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Seiad		20 ft above diversion	07/30/10	4.3	NO	Karuk Tribe
Seiad		20 ft above diversion	07/23/10	5.0	NO	Karuk Tribe
Seiad		20 ft above diversion	08/06/09	1.7	NO	Karuk Tribe
Seiad		20 ft above diversion	07/16/09	2.8	NO	Karuk Tribe
Seiad		200 ft downstream of trail passed private	09/30/08	2.3	NO	Happy Camp RD
Seiad		200 ft downstream of trail passed private	08/29/08	2.0	NO	Happy Camp RD
Seiad		3.5 miles up from mouth on FS	08/07/08	3.6	NO	Karuk Tribe
Seiad		3.5 miles up from mouth on FS	07/03/08	9.6	NO	Karuk Tribe
Seiad		200 ft downstream of trail passed private	06/26/08	12.0	NO	Happy Camp RD
Seiad		3.5 miles up from mouth on FS	08/13/07	1.8	NO	Karuk Tribe
Seiad		3.5 miles up from mouth on FS	06/29/07	5.1	NO	Karuk Tribe
Seiad		300' downstream from Paper Plates at FS campground	09/13/06	3.0	NO	Happy Camp RD
Seiad		3.5 miles up from mouth on FS	08/15/06	2.9	NO	Karuk Tribe
Seiad		3.5 miles up from mouth on FS	07/17/06	4.2	NO	Karuk Tribe
Seiad		3.5 miles up from mouth on FS	06/20/06	12.1	NO	Karuk Tribe
Seiad		3.5 miles up from mouth on FS	10/12/05	2.4	-	Happy Camp RD
Seiad		3.5 miles up from mouth on FS	09/22/04	2.5	-	Happy Camp RD
Seiad		3.5 miles up from mouth on FS	09/21/05	1.8	NO	Karuk Tribe
Seiad		3.5 miles up from mouth on FS	08/24/05	1.7	NO	Karuk Tribe
Seiad		3.5 miles up from mouth on FS	07/22/05	4.6	NO	Karuk Tribe
Seiad		3.5 miles up from mouth on FS	09/15/04	1.5	NO	Karuk Tribe
Seiad		3.5 miles up from mouth on FS	08/10/04	2.7	NO	Karuk Tribe
Seiad		3.5 miles up from mouth on FS	07/19/04	3.5	NO	Karuk Tribe
Seiad		3.5 miles up from mouth on FS	06/18/04	7.5	NO	Karuk Tribe
Seiad		3.5 miles up from mouth on FS	09/30/03	2.2	-	Happy Camp RD
Seiad		3.5 miles up from mouth on FS	09/17/02	2.3	-	Happy Camp RD
Seiad		3.5 miles up from mouth on FS	09/09/97	2.6	YES	Happy Camp RD
Grider	na	90 ft above campground bridge to pacific crest tr	08/22/12	14.5	NO	Karuk Tribe
Grider		90 ft above campground bridge to pacific crest tr	06/20/12	58.5	NO	Karuk Tribe
Grider		300' upstream private Grider Creek bridge	09/26/11	17.8	YES	Happy Camp RD
Grider		90 ft above campground bridge to pacific crest tr	08/03/11	34.6	NO	Karuk Tribe
Grider		90 ft above campground bridge to pacific crest tr	07/12/11	72.4	NO	Karuk Tribe
Grider		90 ft above campground bridge to pacific crest tr	06/20/11	140.5	NO	Karuk Tribe
Grider		50' upstream Grider Creek bridge	09/14/10	10.0	-	Happy Camp RD
Grider		90 ft above campground bridge to pacific crest tr	08/17/10	18.5	NO	Karuk Tribe
Grider		90 ft above campground bridge to pacific crest tr	07/23/10	35.8	NO	Karuk Tribe
Grider		10' upstream of Grider Ck. Rd. bridge	07/01/10	84.1	-	Happy Camp RD
Grider		300' upstream of lower bridge	09/25/09	9.2	-	Happy Camp RD
Grider		500' upstream of 2nd bridge	08/20/09	8.7	-	Happy Camp RD
Grider		90 ft above campground bridge to pacific crest tr	08/06/09	12.6	NO	Karuk Tribe
Grider		90 ft above campground bridge to pacific crest tr	07/16/09	15.0	NO	Karuk Tribe
Grider		500' upstream of 2nd bridge	07/02/09	23.3	-	Happy Camp RD
Grider		500' upstream of 2nd bridge	12/10/08	16.7	NO	Happy Camp RD
Grider		500' upstream of bridge	09/30/08	13.7	NO	Happy Camp RD
Grider		350' upstream of Klamath River	08/29/08	12.6	NO	Happy Camp RD
Grider		50 ft upstream of Grider Creek Rd. bridge	08/07/08	19.5	NO	Karuk Tribe
Grider		50 ft upstream of Grider Creek Rd. bridge	07/10/08	33.0	NO	Karuk Tribe
Grider		20' upstream from where trail goes down - large horizontal rock RL	06/25/08	50.9	NO	Happy Camp RD
Grider		Upstream from 46N66 bridge	09/04/07	14.8	NO	Happy Camp RD
Grider		50 ft upstream of Grider Creek Rd. bridge	08/13/07	6.9	NO	Karuk Tribe
Grider		50 ft upstream of Grider Creek Rd. bridge	07/06/07	25.2	NO	Karuk Tribe
Grider		Upstream from 46N66 bridge	06/27/07	30.5	NO	Happy Camp RD
Grider		50 ft upstream of Grider Creek Rd bridge	09/27/06	15.3	NO	Karuk Tribe
Grider		600' upstream of bridge	09/13/06	21.5	NO	Happy Camp RD
Grider		50 ft upstream of Grider Creek Rd. bridge	08/15/06	18.3	NO	Karuk Tribe
Grider		50 ft. upstream of Grider Creek Rd. bridge	07/17/06	23.5	NO	Karuk Tribe
Grider		60 ft upstream from second bridge	06/29/06	43.6	NO	Happy Camp RD
Grider		50 ft. upstream of Grider Creek Rd. bridge	06/20/06	65.4	NO	Karuk Tribe
Grider		200' upstream of bridge	06/08/06	74.2	NO	Happy Camp RD
Grider		Upstream from 46N66 bridge	10/12/05	13.8	-	Happy Camp RD
Grider		Upstream from 46N66 bridge	09/29/05	17.4	-	Happy Camp RD
Grider		50' above Grider Crk Rd bridge	09/21/05	14.8	NO	Karuk Tribe
Grider		50' above Grider Crk Rd bridge	08/23/05	13.7	NO	Karuk Tribe
Grider		50' above Grider Crk Rd bridge	07/19/05	26.6	NO	Karuk Tribe
Grider		50' above Grider Crk Rd bridge	06/20/05	58.7	NO	Karuk Tribe
Grider		Upstream from 46N66 bridge	10/08/04	11.2	-	Happy Camp RD
Grider		Upstream from 46N66 bridge	09/22/04	14.5	-	Happy Camp RD
Grider		50' above Grider Crk Rd bridge	09/21/04	13.7	NO	Karuk Tribe
Grider		50' above Grider Crk Rd bridge	08/10/04	15.4	NO	Karuk Tribe
Grider		50' above Grider Crk Rd bridge	07/19/04	19.7	NO	Karuk Tribe
Grider		50' above Grider Crk Rd bridge	06/18/04	41.6	NO	Karuk Tribe
Grider		50' above Grider Crk Rd bridge	10/17/03	14.0	NO	Karuk Tribe
Grider		Upstream from 46N66 bridge	09/23/03	13.7	-	Happy Camp RD
Grider		Upstream from 46N66 bridge	09/26/02	10.2	-	Happy Camp RD
Grider		50' above Grider Crk Rd bridge	09/19/02	11.2	NO	Karuk Tribe
Grider		50' above Grider Crk Rd bridge	07/17/02	28.6	NO	Karuk Tribe
Grider		Upstream from 46N66 bridge	09/05/01	7.3	YES	Happy Camp RD
Grider		Upstream from 46N66 bridge	09/19/00	20.3	-	Happy Camp RD
Grider		20' down from 46N66	09/09/97	19.0	YES	Happy Camp RD
Caroline	Kl	Upstream 10 feet from Grider Road Culvert	09/13/06	0.2	NO	Happy Camp RD
Caroline		Upstream 10 feet from Grider Road Culvert	09/29/05	0.1	-	Happy Camp RD
Walker	na	Near mouth	08/21/12	4.3	NO	Karuk Tribe
Walker		Near mouth	06/21/12	7.4	NO	Karuk Tribe
Walker		Upstream of Forest Service bridge	09/27/11	4.8	YES	Happy Camp RD
Walker		Near mouth	08/03/11	7.2	NO	Karuk Tribe
Walker		Near mouth	07/12/11	10.4	NO	Karuk Tribe
Walker		Near mouth	06/16/11	21.9	NO	Karuk Tribe
Walker		15' downstream path going up to bridge	09/14/10	4.3	-	Happy Camp RD
Walker		Near mouth	08/17/10	3.9	NO	Karuk Tribe
Walker		Near mouth	07/30/10	6.0	NO	Karuk Tribe
Walker		Down road to left of bridge, follow to end, downstream 50 ft	07/08/10	9.3	-	Happy Camp RD
Walker		230 ft downstream bridge on Walker Creek Rd	06/10/10	31.4	-	Happy Camp RD
Walker		1 ft downstream of Hwy 96	09/25/09	1.6	-	Happy Camp RD
Walker		Near mouth	08/06/09	2.9	NO	Karuk Tribe
Walker		Near mouth	07/16/09	3.4	NO	Karuk Tribe
Walker		30' upstream of bridge	09/30/08	3.8	NO	Happy Camp RD
Walker		30' upstream of bridge	08/29/08	4.3	NO	Happy Camp RD

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and Klamath and Six Rivers National Forests (1996 to 2012 Estimates)						
STREAM	TRIB	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Walker		Near mouth	08/07/08	5.2	NO	Karuk Tribe
Walker		Near mouth	07/03/08	7.8	NO	Karuk Tribe
Walker		30' upstream of bridge	06/26/08	10.4	NO	Happy Camp RD
Walker		Near mouth	08/13/07	3.7	NO	Karuk Tribe
Walker		Near mouth	07/06/07	2.9	NO	Karuk Tribe
Walker		60ft. below 46N64 bridge	07/02/07	7.6	NO	Happy Camp RD
Walker		Near mouth	09/27/06	4.7	NO	Karuk Tribe
Walker		30' downstream of bridge	09/13/06	6.4	NO	Happy Camp RD
Walker		Near mouth	07/17/06	7.5	NO	Karuk Tribe
Walker		Near mouth	06/20/06	11.5	NO	Karuk Tribe
Walker		60ft. below 46N64 bridge	10/12/05	4.3	-	Happy Camp RD
Walker		60ft. below 46N64 bridge	09/28/05	2.9	-	Happy Camp RD
Walker		Near mouth	09/21/05	4.3	NO	Karuk Tribe
Walker		Near mouth	08/23/05	4.2	NO	Karuk Tribe
Walker		Near mouth	07/19/05	6.4	NO	Karuk Tribe
Walker		Near mouth	06/20/05	11.5	NO	Karuk Tribe
Walker		60 ft. below 46N64 bridge	09/22/04	3.7	-	Happy Camp RD
Walker		Near mouth	09/21/04	3.4	NO	Karuk Tribe
Walker		Near mouth	08/16/04	4.3	NO	Karuk Tribe
Walker		Near mouth	07/19/04	4.6	NO	Karuk Tribe
Walker		Near mouth	06/18/04	4.7	NO	Karuk Tribe
Walker		100' up from mouth	09/25/03	3.3	-	Happy Camp RD
Walker		Below 46N64 bridge	09/26/02	2.6	-	Happy Camp RD
Walker		100' up from mouth	09/06/01	0.9	-	Happy Camp RD
Walker		Below 46N64 bridge	09/19/00	5.6	-	Happy Camp RD
Walker		30' downstream from Hwy 96	09/09/97	3.9	YES	Happy Camp RD
Walker Gulch	Kl	20 ft upstream of Ladd Rd. culvert	09/27/11	0.3	YES	Happy Camp RD
Walker Gulch		15' upstream of Ladd Rd. culvert	09/14/10	0.1	-	Happy Camp RD
Walker Gulch		10 ft. upstream of Ladd Rd. culvert	07/08/10	0.2	-	Happy Camp RD
Walker Gulch		12' upstream of Ladd Rd. culvert	09/25/09	0.0	-	Happy Camp RD
Walker Gulch		12' upstream of Ladd Rd. culvert	09/14/06	0.3	-	Happy Camp RD
Walker Gulch		15' upstream of Ladd Rd. culvert	09/29/05	0.1	-	Happy Camp RD
Shultz Gulch	Kl	25 ft upstream of Ladd Rd. culvert	09/27/11	0.2	YES	Happy Camp RD
Shultz Gulch		10 ft upstream Ladd Rd. culvert	09/14/10	0.1	-	Happy Camp RD
Shultz Gulch		7 ft. upstream of culvert at Ladd Rd. above pool at end of cascade	07/08/10	0.4	-	Happy Camp RD
Shultz Gulch		30' upstream of the Ladd Rd. culvert	09/25/09	0.2	NO	Happy Camp RD
Shultz Gulch		12' upstream of the Ladd Rd. culvert	09/14/06	0.4	NO	Happy Camp RD
Shultz Gulch		20' upstream of Ladd Rd. culvert	09/28/05	0.2	-	Happy Camp RD
Louie	Kl	20' upstream of Hwy 96 culvert	09/14/06	0.4	NO	Happy Camp RD
Louie		20' upstream of Hwy 96 culvert	09/28/05	0.1	-	Happy Camp RD
O'Neil	na	25yds above hwy 96 bridge	08/21/12	0.9	NO	Karuk Tribe
O'Neil		25yds above hwy 96 bridge	06/25/12	2.2	NO	Karuk Tribe
O'Neil		75' upstream of Hwy 96 bridge	09/27/11	0.8	YES	Happy Camp RD
O'Neil		25yds above hwy 96 bridge	08/03/11	0.9	NO	Karuk Tribe
O'Neil		25yds above hwy 96 bridge	07/07/11	2.7	NO	Karuk Tribe
O'Neil		25yds above hwy 96 bridge	06/20/11	2.9	NO	Karuk Tribe
O'Neil		45' upstream of Hwy 96 bridge	09/14/10	1.3	-	Happy Camp RD
O'Neil		25yds above hwy 96 bridge	08/17/10	1.0	NO	Karuk Tribe
O'Neil		25yds above hwy 96 bridge	07/23/10	2.1	NO	Karuk Tribe
O'Neil		50' upstream Hwy 96 bridge	07/08/10	2.5	-	Happy Camp RD
O'Neil		Across from first bend in O'Neil Campground Rd	06/10/10	6.1	-	Happy Camp RD
O'Neil		200' upstream of Hwy 96 bridge	09/25/09	0.8	-	Happy Camp RD
O'Neil		600' upstream of Hwy 96 bridge	08/20/09	1.1	NO	Happy Camp RD
O'Neil		25yds above hwy 96 bridge	08/07/09	0.6	NO	Karuk Tribe
O'Neil		25yds above hwy 96 bridge	07/20/09	0.4	NO	Karuk Tribe
O'Neil		600' upstream of Hwy 96 bridge	09/30/08	1.0	NO	Happy Camp RD
O'Neil		300 ft. upstream of Hwy. 96 crossing	08/07/08	1.1	NO	Karuk Tribe
O'Neil		300 ft. upstream of Hwy. 96 crossing	06/25/08	7.4	NO	Karuk Tribe
O'Neil		300' upstream of Hwy 96 bridge	09/04/07	0.7	NO	Happy Camp RD
O'Neil		300 ft. upstream of Hwy 96 crossing	07/18/07	1.8	NO	Karuk Tribe
O'Neil		300 ft. upstream of Hwy 96 crossing	07/06/07	0.7	NO	Karuk Tribe
O'Neil		300' upstream of Hwy 96 bridge	06/27/07	2.5	NO	Happy Camp RD
O'Neil		300' upstream of Hwy 96 culvert	10/11/06	1.4	NO	Happy Camp RD
O'Neil		300 ft. upstream of Hwy. 96 crossing	09/27/06	1.1	NO	Karuk Tribe
O'Neil		300' upstream of Hwy 96 culvert	09/14/06	0.5	NO	Happy Camp RD
O'Neil		300 ft. upstream of Hwy. 96 crossing	08/16/06	1.5	NO	Karuk Tribe
O'Neil		300 ft. upstream of Hwy. 96 crossing	07/17/06	1.7	NO	Karuk Tribe
O'Neil		300 ft. upstream of Hwy. 96 crossing	06/20/06	2.5	NO	Karuk Tribe
O'Neil		100 ft upstream from Hwy 96 culvert	10/12/05	0.8	-	Happy Camp RD
O'Neil		100 ft upstream from Hwy 96 culvert	09/28/05	0.6	-	Happy Camp RD
O'Neil		300' above Hwy 96 crossing	09/21/05	0.8	NO	Karuk Tribe
O'Neil		300' above Hwy 96 crossing	08/24/05	1.2	NO	Karuk Tribe
O'Neil		300' above Hwy 96 crossing	07/19/05	1.6	NO	Karuk Tribe
O'Neil		300' above Hwy 96 crossing	06/20/05	2.3	NO	Karuk Tribe
O'Neil		100 ft upstream from Hwy 96 culvert	09/22/04	1.0	-	Happy Camp RD
O'Neil		300' above Hwy 96 crossing	09/21/04	1.0	NO	Karuk Tribe
O'Neil		300' above Hwy 96 crossing	08/16/04	0.8	NO	Karuk Tribe
O'Neil		300' above Hwy 96 crossing	07/23/04	0.8	NO	Karuk Tribe
O'Neil		300' above Hwy 96 crossing	06/18/04	1.7	NO	Karuk Tribe
O'Neil		300' above Hwy 96 crossing	10/27/03	0.9	NO	Karuk Tribe
O'Neil		200' upstream of Hwy 96 culvert	09/25/03	1.5	-	Happy Camp RD
O'Neil		Upstream from Hwy 96 culvert	09/17/02	0.7	-	Happy Camp RD
O'Neil		300' above Hwy 96 crossing	07/17/02	1.6	NO	Karuk Tribe
Kuntz	Kl	15' upstream of Hwy 96 culvert	09/27/11	0.8	YES	Happy Camp RD
Kuntz		10' upstream of Hwy 96 culvert	09/14/10	1.1	-	Happy Camp RD
Kuntz		12' upstream of Hwy 96 bridge	09/14/06	1.0	NO	Happy Camp RD
Kuntz		20' upstream of Hwy 96 bridge	09/22/05	0.7	NO	Happy Camp RD
Mill	Kl	10' upstream Hwy 96 culvert	09/27/11	0.2	YES	Happy Camp RD
Mill		15' upstream Hwy 96 culvert	09/14/10	0.2	-	Happy Camp RD
Mill		15 ft. upstream of Hwy 96 culvert	07/08/10	0.9	-	Happy Camp RD
Mill		40' upstream of Hwy 96 bridge	09/25/09	0.2	-	Happy Camp RD
Mill		100' upstream of Hwy 96 bridge	09/14/06	0.2	NO	Happy Camp RD
Mill		120' upstream of Hwy 96 bridge	09/22/05	0.1	-	Happy Camp RD
Tom Martin	Kl	150 ft above hwy 96 culvert	08/21/12	0.9	NO	Karuk Tribe
Tom Martin		150 ft above hwy 96 culvert	06/25/12	2.9	NO	Karuk Tribe

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STREAM	TRIBUTARY	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Tom Martin		Upstream of Hwy 96 Culvert	09/26/11	2.0	YES	Happy Camp RD
Tom Martin		150 ft above hwy 96 culvert	08/03/11	1.9	NO	Karuk Tribe
Tom Martin		150 ft above hwy 96 culvert	07/07/11	4.1	NO	Karuk Tribe
Tom Martin		150 ft above hwy 96 culvert	06/20/11	12.2	NO	Karuk Tribe
Tom Martin		20' upstream of mouth	09/14/10	2.6	-	Happy Camp RD
Tom Martin		150 ft above hwy 96 culvert	08/17/10	1.6	NO	Karuk Tribe
Tom Martin		24' upstream of mouth	07/07/10	2.2	-	Happy Camp RD
Tom Martin		1' upstream of Hwy 96 culvert	09/25/09	0.7	-	Happy Camp RD
Tom Martin		150 ft above hwy 96 culvert	08/07/09	0.8	NO	Karuk Tribe
Tom Martin		150 ft above hwy 96 culvert	07/20/09	1.0	NO	Karuk Tribe
Tom Martin		1' upstream of Hwy 96 culvert	09/30/08	1.2	-	Happy Camp RD
Tom Martin		50 ft upstream of Hwy 96 crossing	08/07/08	1.6	NO	Karuk Tribe
Tom Martin		1' upstream of Hwy 96 culvert	07/24/08	1.4	-	Happy Camp RD
Tom Martin		50 ft upstream of Hwy 96 crossing	06/25/08	2.7	NO	Karuk Tribe
Tom Martin		50 ft upstream of Hwy 96 crossing	07/18/07	1.0	NO	Karuk Tribe
Tom Martin		50 ft upstream of Hwy 96 crossing	07/06/07	1.1	NO	Karuk Tribe
Tom Martin		250' upstream from Hwy 96 culvert	10/11/06	1.1	NO	Happy Camp RD
Tom Martin		50 ft upstream of Hwy 96 crossing	09/27/06	0.8	NO	Karuk Tribe
Tom Martin		250' upstream from Hwy 96 culvert	09/14/06	1.0	NO	Happy Camp RD
Tom Martin		50 ft upstream of Hwy 96 crossing	08/16/06	0.8	NO	Karuk Tribe
Tom Martin		50 ft upstream of Hwy 96 crossing	07/17/06	1.6	NO	Karuk Tribe
Tom Martin		50 ft upstream of Hwy 96 crossing	06/20/06	3.3	NO	Karuk Tribe
Tom Martin		100' upstream of Hwy 96 culvert	09/22/05	1.0	-	Happy Camp RD
Tom Martin		50 ft upstream of Hwy 96 crossing	09/21/05	1.3	NO	Karuk Tribe
Tom Martin		50 ft upstream of Hwy 96 crossing	08/24/05	1.0	NO	Karuk Tribe
Tom Martin		50 ft upstream of Hwy 96 crossing	07/19/05	2.0	NO	Karuk Tribe
Tom Martin		50 ft upstream of Hwy 96 crossing	06/21/05	2.9	NO	Karuk Tribe
Tom Martin		50 ft upstream of Hwy 96 crossing	09/21/04	1.1	NO	Karuk Tribe
Tom Martin		50 ft upstream of Hwy 96 crossing	08/16/04	1.1	NO	Karuk Tribe
Tom Martin		50 ft upstream of Hwy 96 crossing	06/24/04	1.6	NO	Karuk Tribe
Tom Martin		50 ft upstream of Hwy 96 crossing	10/24/03	1.3	NO	Karuk Tribe
Horse Creek	Kl	2.5 to 3 mi up horse creek next to first bridge on	08/21/12	5.1	NO	Karuk Tribe
Horse Creek		2.5 to 3 mi up horse creek next to first bridge on	06/25/12	25.2	NO	Karuk Tribe
Horse Creek		100 ft upstream of mouth	09/26/11	11.5	YES	Happy Camp RD
Horse Creek		2.5 to 3 mi up horse creek next to first bridge on	08/04/11	16.7	NO	Karuk Tribe
Horse Creek		Parallel with first cattle bridge on Horse Creek Rd.	07/19/11	57.2	NO	Happy Camp RD
Horse Creek		2.5 to 3 mi up horse creek next to first bridge on	07/07/11	40.5	NO	Karuk Tribe
Horse Creek		2.5 to 3 mi up horse creek next to first bridge on	06/17/11	82.6	NO	Karuk Tribe
Horse Creek		Parallel with first cattle bridge on Horse Creek Rd.	09/15/10	3.5	-	Happy Camp RD
Horse Creek		2.5 to 3 mi up horse creek next to first bridge on	08/18/10	7.8	NO	Karuk Tribe
Horse Creek		2.5 to 3 mi up horse creek next to first bridge on	07/23/10	12.3	NO	Karuk Tribe
Horse Creek		40' upstream of cattle bridge on Horse Ck. Rd. (trail on RR)	07/07/10	56.1	-	Happy Camp RD
Horse Creek		40' upstream of cattle bridge on Horse Ck. Rd. (trail on RR)	06/10/10	158.6	-	Happy Camp RD
Horse Creek		300' upstream of Klamath River	09/25/09	0.8	-	Happy Camp RD
Horse Creek		2.5 to 3 mi up horse creek next to first bridge on	08/13/09	1.9	NO	Karuk Tribe
Horse Creek		2.5 to 3 mi up horse creek next to first bridge on	07/20/09	3.3	NO	Karuk Tribe
Horse Creek		300' upstream of Klamath River	12/11/08	11.4	NO	Happy Camp RD
Horse Creek		50' upstream of cattle crossing	09/30/08	4.5	NO	Happy Camp RD
Horse Creek		50' upstream of cattle crossing	09/05/08	4.5	NO	Happy Camp RD
Horse Creek		Just up from private lanc	07/07/08	19.2	NO	Karuk Tribe
Horse Creek		50' upstream of cattle crossing	06/26/08	81.3	NO	Happy Camp RD
Horse Creek		Below 46N46 bridge	08/13/07	3.9	NO	Happy Camp RD
Horse Creek		Just up from private lanc	07/18/07	12.3	NO	Karuk Tribe
Horse Creek		Just up from private lanc	07/02/07	10.7	NO	Karuk Tribe
Horse Creek		Below 46N46 bridge	06/27/07	12.7	NO	Happy Camp RD
Horse Creek		300' downstream of cattle crossing	10/11/06	4.9	NO	Happy Camp RD
Horse Creek		Just up from private lanc	09/27/06	3.1	NO	Karuk Tribe
Horse Creek		1000' above mouth	09/13/06	3.8	NO	Happy Camp RD
Horse Creek		Just up from private lanc	08/16/06	7.3	NO	Karuk Tribe
Horse Creek		Just up from private lanc	07/19/06	12.2	NO	Karuk Tribe
Horse Creek		200 ft downstream of 46N66 Bridge	07/14/06	17.9	NO	Happy Camp RD
Horse Creek		At 46N66 bridge 150 ft downstream	06/28/06	32.4	NO	Happy Camp RD
Horse Creek		Just up from private lanc	06/21/06	36.6	NO	Karuk Tribe
Horse Creek		46N66 bridge	06/15/06	42.6	NO	Happy Camp RD
Horse Creek		At low water crossing break in fence	10/12/05	3.4	-	Happy Camp RD
Horse Creek		On FS - just up from private lanc	09/21/05	2.9	NO	Karuk Tribe
Horse Creek		On FS - just up from private lanc	08/24/05	3.2	NO	Karuk Tribe
Horse Creek		On FS - just up from private lanc	07/22/05	9.1	NO	Karuk Tribe
Horse Creek		On FS - just up from private lanc	06/21/05	27.7	NO	Karuk Tribe
Horse Creek		On FS - just up from private lanc	09/21/04	2.9	NO	Karuk Tribe
Horse Creek		On FS - just up from private land	08/16/04	6.0	NO	Karuk Tribe
Horse Creek		On FS - just up from private land	07/23/04	9.3	NO	Karuk Tribe
Horse Creek		On FS - just up from private lanc	06/22/04	22.8	NO	Karuk Tribe
Horse Creek		On FS - just up from private land	10/17/03	5.2	NO	Karuk Tribe
McKinney	na	30 ft upstream of culvert	09/27/11	1.5	YES	Happy Camp RD
McKinney		3 m upstream Walker Rd. culvert	09/15/10	0.6	-	Happy Camp RD
McKinney		Upstream of mouth, edge of USFS/private property boundry	06/10/10	1.8	-	Happy Camp RD
McKinney		10 ft above culvert	09/21/05	0.4	-	Happy Camp RD
McKinney		Near mouth	06/24/04	1.2	NO	Karuk Tribe
Scott River	na	50 feet upstream from mouth	07/27/10	199.8	NO	Karuk Tribe
Scott River		50 feet upstream from mouth	07/10/08	187.3	NO	Karuk Tribe
Scott River		50 feet upstream from mouth	07/06/07	98.8	NO	Karuk Tribe
Scott River		50 feet upstream from mouth	09/21/05	42.4	NO	Karuk Tribe
Scott River		50 feet upstream from mouth	08/24/05	45.4	NO	Karuk Tribe
Scott River		50 feet upstream from mouth	07/20/05	136.5	NO	Karuk Tribe
Scott River		50 feet upstream from mouth	07/23/04	81.3	NO	Karuk Tribe
Scott River		50 feet upstream from mouth	10/17/03	63.5	NO	Karuk Tribe
Beaver	na	200 yards above bridge along dirt road	08/22/12	27.3	NO	Karuk Tribe
Beaver		200 yards above bridge along dirt road	06/25/12	120.1	NO	Karuk Tribe
Beaver		Tail out of pool that has temp gauge	09/26/11	35.3	YES	Happy Camp RD
Beaver		200 yards above bridge along dirt road	08/04/11	63.3	NO	Karuk Tribe
Beaver		Tail out of pool that has temp gauge	07/19/11	153.5	NO	Happy Camp RD
Beaver		200 yards above bridge along dirt road	07/07/11	249.8	NO	Karuk Tribe

**Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and
Klamath and Six Rivers National Forests
(1996 to 2012 Estimates)**

STREAM	T R I B U T A R Y	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR
Beaver		Tail out of pool that has temp gauge	09/15/10	34.8	-	Happy Camp RD
Beaver		200 yards above bridge along dirt road	08/18/10	33.7	NO	Karuk Tribe
Beaver		200 yards above bridge along dirt road	07/23/10	59.3	NO	Karuk Tribe
Beaver		Tail out of pool that has temp gauge	07/07/10	137.0	-	Happy Camp RD
Beaver		200 ft. upstream of pool that has temp gage	10/07/09	17.9	-	Happy Camp RD
Beaver		200 ft. upstream of pool that has temp gage	09/26/09	14.4	-	Happy Camp RD
Beaver		200 yards above bridge along dirt road	08/13/09	14.2	NO	Karuk Tribe
Beaver		200 yards above bridge along dirt road	07/20/09	21.3	NO	Karuk Tribe
Beaver		Tail out of pool that has temp gage	12/11/08	26.9	NO	Happy Camp RD
Beaver		Tail out of pool that has temp gage	09/30/08	19.9	NO	Happy Camp RD
Beaver		Tail out of pool that has temp gage	09/05/08	25.9	NO	Happy Camp RD
Beaver		Tail out of pool that has temp gage	07/24/08	55.1	NO	Happy Camp RD
Beaver		Up track on upstream side of B.C., downstream c	07/07/08	80.1	NO	Karuk Tribe
Beaver		Just below winter logger	08/13/07	17.9	NO	Happy Camp RD
Beaver		Up track on upstream side of B.C., downstream from trail	07/19/07	41.0	NO	Karuk Tribe
Beaver		Up track on upstream side of B.C., downstream from trail	07/02/07	52.3	NO	Karuk Tribe
Beaver		Just below winter logger	06/27/07	61.3	NO	Happy Camp RD
Beaver		Up track on upstream side of B.C., downstream from trail	09/27/06	22.9	NO	Karuk Tribe
Beaver		30 feet upstream from mouth	09/13/06	29.1	NO	Happy Camp RD
Beaver		Up track on upstream side of B.C., downstream from trail	08/16/06	43.3	NO	Karuk Tribe
Beaver		Up track on upstream side of B.C., downstream from trail	07/18/06	72.6	NO	Karuk Tribe
Beaver		30 feet upstream from mouth	07/14/06	109.5	NO	Happy Camp RD
Beaver		30 feet upstream from mouth	06/28/06	175.9	NO	Happy Camp RD
Beaver		Up track on upstream side of B.C., downstream from trail	06/21/06	195.8	NO	Karuk Tribe
Beaver		1 mi upstream of mouth - pool tail out	06/15/06	330.8	NO	Happy Camp RD
Beaver		30 feet upstream from mouth	09/21/05	20.2	NO	Karuk Tribe
Beaver		30 feet upstream from mouth	09/14/05	23.6	-	Happy Camp RD
Beaver		30 feet upstream from mouth	08/24/05	23.4	NO	Karuk Tribe
Beaver		30 feet upstream from mouth	07/20/05	50.9	NO	Karuk Tribe
Beaver		30 feet upstream from mouth	06/21/05	134.4	NO	Karuk Tribe
Beaver		30 feet upstream from mouth	09/21/04	24.2	NO	Karuk Tribe
Beaver		30 feet upstream from mouth	08/16/04	27.8	NO	Karuk Tribe
Beaver		30 feet upstream from mouth	07/29/04	40.8	NO	Karuk Tribe
Beaver		30 feet upstream from mouth	06/24/04	96.6	NO	Karuk Tribe
Beaver		30 feet upstream from mouth	10/17/03	22.2	NO	Karuk Tribe
Dutch	nath R	At Hwy 96 culvert	09/15/10	0.0	-	Happy Camp RD
Dutch		At Hwy 96 culvert	10/07/09	0.0	-	Happy Camp RD
Lumgre	na	Hwy 96 bridge	09/15/10	0.0	NO	Happy Camp RD
Lumgre		Near mouth	10/07/09	0.0	NO	Happy Camp RD
Lumgre		600 ft up road at base of private property	10/11/06	0.8	NO	Happy Camp RD
Lumgre		Near mouth	06/24/04	0.4	NO	Karuk Tribe
Empire	nath R	Under bridge	09/15/10	0.0	-	Happy Camp RD
Empire		Under bridge	10/07/09	0.0	-	Happy Camp RD
Empire		Under bridge	10/11/06	0.2	-	Happy Camp RD
Humbug	na		08/04/11	1.7	NO	Karuk Tribe
Humbug			07/12/11	4.1	NO	Karuk Tribe
Humbug			06/20/11	10.0	NO	Karuk Tribe
Humbug		1.7 miles upstream of Ash Cr. Road	09/26/11	1.9	YES	Happy Camp RD
Humbug		1.5 miles upstream of mouth	09/15/10	0.1	-	Happy Camp RD
Humbug		1 mile up FS road along creek (perpendicular), 50' downstream FS Rd	08/05/10	0.2	-	Happy Camp RD
Humbug		20' up from Humbug Creek bridge	07/07/10	0.3	-	Happy Camp RD
Humbug		At mouth	10/07/09	0.0	-	Happy Camp RD
Humbug		1.3 miles from the mouth	07/24/08	2.5	-	Happy Camp RD
Humbug		1.3 miles from the mouth	10/11/06	2.4	NO	Happy Camp RD
Humbug		1.3 miles from the mouth	07/14/06	4.7	NO	Happy Camp RD
Humbug		1.3 miles from the mouth	09/20/05	0.8	-	Happy Camp RD
Ash	nath R	At Hwy 96 culvert	09/15/10	0.0	-	Happy Camp RD
Ash		At Hwy 96 culvert	10/07/09	0.0	-	Happy Camp RD
Shasta River	na	Near mouth	06/25/04	41.8	-	Karuk Tribe
Bogus	na	35 ft above mouth	06/25/12	12.4	NO	Karuk Tribe
Bogus		35 ft above mouth	08/22/12	4.7	NO	Karuk Tribe
Bogus		35 ft above mouth	08/04/11	13.8	NO	Karuk Tribe
Bogus		35 ft above mouth	07/12/11	18.2	NO	Karuk Tribe
Bogus		35 ft above mouth	06/17/11	35.1	NO	Karuk Tribe
Bogus		35 ft above mouth	08/18/10	4.8	NO	Karuk Tribe
Bogus		35 ft above mouth	07/27/10	6.0	NO	Karuk Tribe
Bogus		35 ft above mouth	08/13/09	6.4	NO	Karuk Tribe
Bogus		35 ft above mouth	07/20/09	5.2	NO	Karuk Tribe
Bogus		20 feet upstream from mouth	07/10/08	11.2	NO	Karuk Tribe
Bogus		20 feet upstream from mouth	07/18/07	21.3	-	Karuk Tribe
Bogus		20 feet upstream from mouth	07/02/07	10.3	-	Karuk Tribe
Bogus		20 feet upstream from mouth	08/16/06	19.7	NO	Karuk Tribe
Bogus		20 feet upstream from mouth	07/18/06	11.6	NO	Karuk Tribe
Bogus		20 feet upstream from mouth	06/21/06	20.4	NO	Karuk Tribe
Bogus		20 feet upstream from mouth	09/21/05	10.3	-	Karuk Tribe
Bogus		20 feet upstream from mouth	08/24/05	6.4	-	Karuk Tribe
Bogus		20 feet upstream from mouth	07/20/05	6.9	-	Karuk Tribe
Bogus		20 feet upstream from mouth	09/21/04	11.0	-	Karuk Tribe
Bogus		20 feet upstream from mouth	08/16/04	7.2	-	Karuk Tribe
Bogus		20 feet upstream from mouth	06/25/04	11.9	-	Karuk Tribe

Note:
1 - "Stream Mile" is the linear distance upstream from the streams' confluence with a larger stream
2 - "Total acreage of the watershed" for the listed "STREAM" in which flow measurements were taken

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and Klamath and Six Rivers National Forests (1996 to 2012 Estimates)						
STREAM	T R I B U T A R Y	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	PHOTO	DATA COLLECTOR

³ - In most, but not all cases, flow measurements were taken a short distance upstream of the "STREAM"s' confluence with a tributary.
⁴ - Stream velocities were measured with the following instruments **Marsh-McBirney** (Orleans RD prior to 2001); **Swiffer** (Orleans R