From: Cyr, LeRoy -FS

To: Feiler, Stormer@Waterboards
Subject: FW: Stanshaw & Irving Creeks
Date: Tuesday, June 27, 2017 4:34:06 PM

Attachments: image025.png image027.png

image029.png image030.png image031.png image032.png image033.png image034.png image035.png image036.png image037.png image039.png image040.png image001.png image002.png image003.png image003.png

image004.png

1996-2016 Mid-Klamath River tributary flow record summary- LCYR.xlsx

From: Cyr, LeRoy -FS

Sent: Tuesday, June 27, 2017 4:32 PM

To: Feiler, Stormer@Waterboards <Stormer.Feiler@waterboards.ca.gov>

Cc: tsoto@karuk.us; Grunbaum, Jon B -FS <jgrunbaum@fs.fed.us>

Subject: RE: Stanshaw & Irving Creeks

Hi Stormer-

Attached is a copy of flow data record for the lower and mid-Klamath. It is organized by watershed, by river mile, and by year. This data set was collected through our collaborative effort with staff from the Karuk Tribe (T Soto) and Klamath NF (J Grunbaum). There maybe some results missing from our partners from 2015 to present, but this is the information I currently have on file from 1996 to 2016 related to our joint effort.

Please take a look at those findings from Stanshaw and Irving and let me know if you have any questions. Unfortunately, we were not able to obtain a lot of tributary flow data during 2015 and 2016.



LeRoy Cyr District Fish Biologist

Forest Service - Pacific Southwest Region

Six Rivers National Forest

Lower Trinity, Orleans and Ukonom Ranger District

Phone: (530) 627-3262 Fax: (530) 627-3401 lcyr@fs.fed.us

POB 410 - 1 Ishi Pishi Road

Orleans, CA 95556

www.fs.usda.gov/srnf

Caring for the land and serving people

From: Feiler, Stormer@Waterboards [mailto:Stormer.Feiler@waterboards.ca.gov]

Sent: Wednesday, June 21, 2017 12:29 PM

To: Cyr, LeRoy -FS < lcyr@fs.fed.us Subject: RE: Stanshaw & Irving Creeks

Any flow data to compare with the temp data? Stormer

Do not, go where the path may lead, go instead where there is no path and leave a trail. Ralph Waldo Emerson

Stormer Feiler: Senior Environmental Scientist Specialist

Office: (707) 543-7128 Cell: (707) 328-7639

Stormer.Feiler@waterboards.ca.gov

North Coast Regional Water Quality Control Board

5550 Skylane Blvd. Suite A., Santa Rosa, CA 95403

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From: Cyr, LeRoy -FS [mailto:lcyr@fs.fed.us]
Sent: Thursday, June 01, 2017 5:33 PM
To: Feiler, Stormer@Waterboards
Subject: RE: Stanshaw & Irving Creeks

These are approximate placement locations....

Stanshaw Creek (41.476339, -123.508554). Site location is about 90' downstream of the HWY 96 bridge outlet.

Irving Creek (41.468407, -123.497679). Site location is about 100' downstream of HWY 96 and adjacent to private parcel.

I will get you the logger data once it is pulled on Stanshaw Creek for this year. I do not have any previous year's water temp data for these 2 site locations.



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Caring for the land and serving people

From: Feiler, Stormer@Waterboards [mailto:Stormer.Feiler@waterboards.ca.gov]

Sent: Thursday, June 01, 2017 4:27 PM

To: Cyr, LeRoy -FS < ! Toz Soto tsoto@karuk.us>

Subject: RE: Stanshaw & Irving Creeks

Mr. Cyr:

Can you provide me the GPS locations of the data loggers so that I can visually see where the data is collected? I am very interested in this year's data logger data on Stanshaw Creek and Irving Creek as well.

Thanks Stormer

Do not, go where the path may lead, go instead where there is no path and leave a trail. Ralph Waldo Emerson

Stormer Feiler: Senior Environmental Scientist Specialist

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From: Cyr, LeRoy -FS [mailto:lcyr@fs.fed.us]
Sent: Thursday, June 01, 2017 3:53 PM
To: Feiler, Stormer@Waterboards; Toz Soto

Subject: Stanshaw & Irving Creeks

Stormer and Toz-

Sorry about the delay. Attached is some of the H2O temp data you requested for both Irving and Stanshaw Creeks.

FYI, I still have a logger out on lower Stanshaw. We tried to get it out last Friday. Unfortunately, flows were still up, visibility poor and it was lodged. I will pull it once the flow settles and will get you that information as well. Let me know if you have any questions.



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Caring for the land and serving people

From: Feiler, Stormer@Waterboards [mailto:Stormer.Feiler@waterboards.ca.gov]

Sent: Thursday, June 01, 2017 3:20 PM

To: Cyr, LeRoy -FS < ! Toz Soto tsoto@karuk.us>

Subject: RE: Stanshaw Creek

Mr. Cyr:

Did you get a chance to look into the Stanshaw Creek temperature data?

Thank you for your efforts, Stormer

Do not, go where the path may lead, go instead where there is no path and leave a trail. Ralph Waldo Emerson

Stormer Feiler: Senior Environmental Scientist Specialist

Office: (707) 543-7128 Cell: (707) 328-7639

Stormer.Feiler@waterboards.ca.gov

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From: Cyr, LeRoy -FS [mailto:lcyr@fs.fed.us]
Sent: Wednesday, May 24, 2017 10:59 AM

To: Toz Soto

Cc: Feiler, Stormer@Waterboards **Subject:** RE: Stanshaw Creek

OK. I'll be back in the office later this week. I can research this further and get back to you both.



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Caring for the land and serving people

From: Toz Soto [mailto:tsoto@karuk.us]
Sent: Wednesday, May 24, 2017 10:46 AM

To: Cyr, LeRoy -FS < lcyr@fs.fed.us lc

Subject: RE: Stanshaw Creek

2012 to 2016

Sent from my Verizon Wireless 4G LTE smartphone

----- Original message -----

From: "Cyr, LeRoy -FS" < lcyr@fs.fed.us > Date:05/24/2017 10:33 AM (GMT-08:00)

To: Toz Soto <<u>tsoto@karuk.us</u>> Subject: RE: Stanshaw Creek

Yes- I have some temp data for those creeks but minimal. What year's does he want?



LeRoy Cyr District Fish Biologist

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Caring for the land and serving people

From: Toz Soto [mailto:tsoto@karuk.us]
Sent: Wednesday, May 24, 2017 9:15 AM
To: Cyr, LeRoy -FS < lcyr@fs.fed.us>

Subject: Fwd: Stanshaw Creek

Do you have temperature data for Stanshaw or Irving for the years Stormer is seeking?

Sent from my Verizon Wireless 4G LTE smartphone

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				(1990 to 2010 Estimates)																						
STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION 3	DATE	MEASURED 4	РНОТО	DATA																		
		MILE			SURVEYED	FLOW (cfs)		COLLECTOR																		
Aikens	Klamath R.	48.9	2,660	16+30 Station Marker	03/22/16	92.80		Orleans RD																		
Aikens				Side channel next to paved road	03/15/16	4.20		Orleans RD																		
Aikens				16+30 Station Marker	11/03/15	1.0		Orleans RD																		
Aikens				16+00 Just below logger site	09/03/14	0.4		Orleans RD																		
Aikens				10 ft upstream fro station marker 23+00 08/04/14	1.3	NO	Orleans RD																			
Aikens				20' downstream and upstream of two log jams	07/02/14	0.5	NO	Orleans RD																		
Aikens				16+30 Station Marker	01/02/14	0.2	NO	Orleans RD																		
Aikens				16+30 Station Marker	10/23/13	0.8	NO	Orleans RD																		
Aikens				16+00 Just below logger site	10/08/12	0.5	NO	Orleans RD																		
Aikens					1st Fork to Right after rd. turns to gravel in A.C.	08/01/12	1.7	NO	Karuk Tribe																	
Aikens				campground, then up approx. 35'	06/13/12	4.0		Karuk Tribe																		
Aikens												1st Fork to Right after rd. turns to gravel in A.C.	08/29/11	1.1	NO	Karuk Tribe										
Aikens											1st Fork to Right after rd. turns to gravel in A.C.	07/18/11	1.4	NO	Karuk Tribe											
Aikens											1st Fork to Right after rd. turns to gravel in A.C.	06/29/11	4.0		Karuk Tribe											
Aikens				1st Fork to Right after rd. turns to gravel in A.C.	06/13/11	7.5		Karuk Tribe																		
Aikens				16+00 Just below logger site	09/29/10	1.3		Orleans RD																		
Aikens				16+00 Just below logger site	09/15/10	1.6		Orleans RD																		
Aikens				16+00 Just below logger site	08/31/10	1.9		Orleans RD																		
Aikens			ŀ			1st Fork to Right after rd. turns to gravel in A.C.	08/24/10	2.6		Karuk Tribe																
Aikens				16+00 Just below logger site	08/19/10	2.0		Orleans RD																		
Aikens				16+00 Just below logger site	08/05/10	2.7		Orleans RD																		
Aikens				1st Fork to Right after rd. turns to gravel in A.C.	08/02/10	3.9	NO	Karuk Tribe																		
Aikens				1st Fork to Right after rd. turns to gravel in A.C.	07/12/10	3.9	NO	Karuk Tribe																		
Aikens					100' below decom. ck. access	09/24/09	0.5		Orleans RD																	
Aikens							1st Fork to Right after rd. turns to gravel in A.C.	09/02/09	1.1		Karuk Tribe															
Aikens				1st Fork to Right after rd. turns to gravel in A.C.	07/30/09	1.2	NO	Karuk Tribe																		
Aikens																						1st Fork to Right after rd. turns to gravel in A.C. campground, then up approx. 35'	06/30/09	2.9	NO	Karuk Tribe
Aikens				100' below decom. ck. access	09/25/08	0.7	YES	Orleans RD																		

				(1996 to 2016 Estimates)				
STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	рното	DATA COLLECTOR
				1st Fork to Right after rd. turns to gravel in A.C.				
Aikens				campground, then up approx. 35'	07/29/08	2.0	NO	Karuk Tribe
				1st Fork to Right after rd. turns to gravel in A.C.				
Aikens				campground, then up approx. 35'	06/23/08	3.7	NO	Karuk Tribe
Aikens				100' below decom. ck. access	09/19/07	0.8	NO	Orleans RD
				1st Fork to Right after rd. turns to gravel in A.C.				
Aikens				campground, then up approx. 35'	08/01/07	2.3	-	Karuk Tribe
				1st Fork to Right after rd. turns to gravel in A.C.				
Aikens				campground, then up approx. 35'	06/26/07	3.5	-	Karuk Tribe
Aikens				100 feet upstream from CG	09/18/06	1.8	YES	Orleans RD
				1st Fork to Right after rd. turns to gravel in A.C.				
Aikens				campground, then up approx. 35'	09/05/06	1.7	NO	Karuk Tribe
Aikens				1st Fork to Right after rd. turns to gravel in A.C.	08/08/06	2.5	NO	Karuk Tribe
Aikens				1st Fork to Right after rd. turns to gravel in A.C.	07/07/06	3.7	NO	Karuk Tribe
Aikens				1st Fork to Right after rd. turns to gravel in A.C.	06/14/06	5.6	NO	Karuk Tribe
Aikens				100 feet upstream from CG	10/11/05	0.9	YES	Orleans RD
Aikens				35' up from A.C. campground	09/23/05	1.6	-	Karuk Tribe
Aikens				35' up from A.C. campground	08/03/05	2.8	-	Karuk Tribe
Aikens				35' up from A.C. campground	07/07/05	6.6	-	Karuk Tribe
Aikens				35' up from A.C. campground	06/10/05	9.5	-	Karuk Tribe
Aikens				100 feet upstream from CG	09/21/04	0.7	-	Orleans RD
Aikens				35' up from A.C. campground	08/30/04	1.3	-	Karuk Tribe
Aikens				35' up from A.C. campground	08/17/04	1.5	-	Karuk Tribe
Aikens				35' up from A.C. campground	07/30/04	1.8	•	Karuk Tribe
Aikens Aikens				35' up from A.C. campground 35' up from A.C. campground	07/06/04 06/01/04	4.1 3.8	-	Karuk Tribe Karuk Tribe
							-	
Aikens				35' up from A.C. campground	10/16/03	1.0	-	Karuk Tribe
Aikens				150' from mouth	09/26/03	0.9	-	Orleans RD
Aikens				35' up from A.C. campground	09/03/02	1.0	-	Karuk Tribe
Aikens				1st fork right after rd turns to gravel	07/08/02	2.3	-	Karuk Tribe

		AT CTDE AM		(1990 to 2010 Estimates)	DATE	MEACURED 4		DATA
STREAM	Tributary to	AT STREAM MILE 1	ACRES 2	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED 4	РНОТО	DATA COLLECTOR
		WIILL			SORVETED	FLOW (cfs)		COLLECTOR
Aikens				150' from mouth	06/19/97	2.7	_	Orleans RD
Aikeris				100 Holli Modali	00/19/91	2.1	_	Officialis IVD
Bluff	Klamath R.	50.2	47,440	300' Downstream of bridge	11/03/15	39.8	NO	Orleans RD
Bluff	1	00.2	,	200' Downstream from bridge	09/03/14	29.9		Orleans RD
Bluff				200' Downstream from bridge	08/04/14	49.7		Orleans RD
Bluff				200' Downstream from bridge	07/02/14	24.1	NO	Orleans RD
Bluff				200' Downstream from bridge	01/02/14	13.4		Orleans RD
Bluff				200' Downstream from bridge	09/27/13	35.8		Orleans RD
Bluff				150' Downstream of Hwy 96 Bridge	10/08/12	47.4	NO	Orleans RD
Bluff				Approx. 70 ft. up from Hwy. 96 Bridge	08/06/12	58.4	NO	Karuk Tribe
Bluff				Approx. 70 ft. up from Hwy. 96 Bridge	06/13/12	123.8	NO	Karuk Tribe
Bluff				Approx. 70 ft. up from Hwy. 96 Bridge	08/29/11	57.3	NO	Karuk Tribe
Bluff				Approx. 70 ft. up from Hwy. 96 Bridge	07/27/11	112.5	NO	Karuk Tribe
Bluff				100' below Hwy 96 Bridge	09/30/10	42.2	NO	Orleans RD
Bluff				10' above Hwy 96 Bridge	09/16/10	30.6	NO	Orleans RD
Bluff				150' below Hwy 96 Bridge	08/31/10	51.4	NO	Orleans RD
Bluff				Approx. 70 ft. up from Hwy. 96 Bridge	08/26/10	70.1	NO	Karuk Tribe
Bluff				150' below Hwy 96 Bridge	08/19/10	74.3		Orleans RD
Bluff				150' below Hwy 96 Bridge	08/05/10	67.5	NO	Orleans RD
Bluff				Approx. 70 ft. up from Hwy. 96 Bridge	08/04/10	84.8	NO	Karuk Tribe
Bluff				Approx. 70 ft. up from Hwy. 96 Bridge	07/12/10	155.8	NO	Karuk Tribe
Bluff				300' below Hwy 96 Bridge	09/24/09	38.1		Orleans RD
Bluff				Approx. 70 ft. up from Hwy. 96 Bridge	09/02/09	39.7	NO	Karuk Tribe
Bluff				Approx. 70 ft. up from Hwy. 96 Bridge	07/30/09	54.3	NO	Karuk Tribe
Bluff				Approx. 70 ft. up from Hwy. 96 Bridge	06/30/09	94.5		Karuk Tribe
Bluff				300' below Hwy 96 Bridge	09/25/08	39.3		Orleans RD
Bluff				Approx. 70 ft. up from Hwy. 96 Bridge	07/31/08	74.5	NO	Karuk Tribe
Bluff				Approx. 70 ft. up from Hwy. 96 Bridge	06/23/08	130.6	NO	Karuk Tribe
Bluff				300' below Hwy 96 Bridge	09/19/07	31.2	NO	Orleans RD

DATE **MEASURED AT STREAM DATA Tributary to** ACRES² PHOTO STREAM DATA SAMPLING LOCATION 3 MILE 1 **SURVEYED** FLOW (cfs) **COLLECTOR** Bluff Approx. 70 ft. up from Hwy. 96 Bridge Karuk Tribe 08/01/07 68.3 NO Approx. 70 ft. up from Hwy. 96 Bridge Bluff 06/26/07 93.3 NO Karuk Tribe Bluff 150' below Hwy 96 Bridge Orleans RD 09/20/06 51.8 YES Bluff Approx. 70 ft. up from Hwy. 96 Bridge 09/05/06 38.4 NO Karuk Tribe Bluff Approx. 70 ft. up from Hwy. 96 Bridge 08/08/06 60.6 Karuk Tribe NO Bluff Approx. 70 ft. up from Hwy. 96 Bridge 100.0 07/07/06 NO Karuk Tribe Bluff YES 50' below Hwy 96 Bridge 50.8 Orleans RD 10/11/05 Bluff 09/23/05 51.7 Karuk Tribe Near Hwy 96 Bridge Bluff 80' below 96 bridge 09/21/04 38.7 Orleans RD Bluff 70' above 96 bridge 08/30/04 44.1 Karuk Tribe Bluff 70' above 96 bridge 48.0 08/17/04 Karuk Tribe Bluff 70' above 96 bridge 59.7 07/30/04 Karuk Tribe Bluff 70' above 96 bridge 07/06/04 79.0 Karuk Tribe _ Bluff 70' above 96 bridge 29.6 Karuk Tribe 10/16/03 Bluff 50' below Hwy 96 bridge 09/25/03 44.5 _ Orleans RD Bluff 70' above 96 bridge 09/03/02 27.3 Karuk Tribe Karuk Tribe Bluff 70' above 96 bridge 80.9 07/31/02 -Bluff 500' below 96 bridge 10/08/01 27.5 Orleans RD Bluff 500' below 96 bridge 09/05/01 52.4 _ Orleans RD Bluff 400' below 96 bridge 11/20/00 54.8 Orleans RD Bluff 400' below 96 bridge 07/12/00 YES Orleans RD 153.2 Bluff 300' below 96 bridge 08/30/99 79.2 Orleans RD Bluff 80' below 96 bridge 09/25/98 31.5 YES Orleans RD Bluff 0.1 mile above mouth 08/17/98 62.8 Orleans RD Bluff 60' below 96 bridge 08/22/97 52.1 Orleans RD Slate 200' above bridge Orleans RD 11/03/15 3.0 NO Klamath R. 50.4 8.747 1000 Feet From Mouth Slate 10/07/14 1.2 NO Orleans RD Slate 1000 Feet From Mouth 09/04/14 0.7 NO Orleans RD Slate 1000 Feet From Mouth 08/04/14 1.8 NO Orleans RD 1000 Feet From Mouth Slate 07/02/14 4.0 YES Orleans RD Slate 1000 Feet From Mouth 01/02/14 1.3 NO Orleans RD

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	рното	DATA COLLECTOR
						1 2011 (0.0)		
Slate				Under Hwy 96 Bridge	09/27/13	2.6	NO	Orleans RD
Slate				1000' Upstream of Hwy 96 bridge	10/03/12	1.5	NO	Orleans RD
Slate				20 ft above bridge	08/01/12	5.2	NO	Karuk Tribe
Slate				20 ft above bridge	06/13/12	14.4	NO	Karuk Tribe
Slate				20 ft above bridge	08/29/11	5.9	NO	Karuk Tribe
Slate				20 ft above bridge	07/18/11	9.4	NO	Karuk Tribe
Slate				20 ft above bridge	06/29/11	13.4	NO	Karuk Tribe
Slate				20 ft above bridge	06/13/11	16.7	NO	Karuk Tribe
Slate				Below Hwy 96 bridge	09/30/10	4.7	NO	Orleans RD
Slate				10' above Hwy 96 bridge	09/16/10	4.1	NO	Orleans RD
Slate				10' above Hwy 96 bridge	08/31/10	5.3	NO	Orleans RD
Slate				20 ft above bridge	08/24/10	5.2	NO	Karuk Tribe
Slate				10' above Hwy 96 bridge	08/19/10	6.5	NO	Orleans RD
Slate				20' above Hwy 96 bridge	08/05/10	8.1	NO	Orleans RD
Slate				20 ft above bridge	08/02/10	8.2	NO	Karuk Tribe
Slate				20 ft above bridge	07/12/10	19.1	NO	Karuk Tribe
Slate				200 ft. above Hwy 96 bridge	09/23/09	2.3		Orleans RD
Slate				20 ft above bridge	09/02/09	2.3		Karuk Tribe
Slate				20 ft above bridge	06/30/09	7.7		Karuk Tribe
Slate				200 ft. above Hwy 96 bridge	09/25/08	2.3	YES	Orleans RD
Slate				Approx. 295 ft. up from Hwy. 96 Bridge	07/29/08	4.3	NO	Karuk Tribe
Slate				Approx. 295 ft. up from Hwy. 96 Bridge	06/23/08	8.9	NO	Karuk Tribe
Slate				25 ft. above Hwy 96 bridge	09/19/07	2.3	NO	Orleans RD
Slate				Approx. 295 ft. up from Hwy. 96 Bridge	08/01/07	5.3	NO	Karuk Tribe
Slate				Approx. 295 ft. up from Hwy. 96 Bridge	06/26/07	7.9	NO	Karuk Tribe
Slate				Hwy 96 bridge	09/18/06	3.2	YES	Orleans RD
Slate				Approx. 295 ft. up from Hwy. 96 Bridge	09/05/06	4.3	NO	Karuk Tribe
Slate				Approx. 295 ft. up from Hwy. 96 Bridge	08/08/06	5.6	NO	Karuk Tribe
Slate				Approx. 295 ft. up from Hwy. 96 Bridge	07/07/06	9.0	NO	Karuk Tribe
Slate				Approx. 295 ft. up from Hwy. 96 Bridge	06/14/06	15.4	NO	Karuk Tribe
Slate				75' above Hwy 96 bridge	10/11/05	3.7		Orleans RD
Slate				295' above Hwy 96 bridge	09/23/05	4.7	NO	Karuk Tribe

AT STREAM DATE **MEASURED DATA Tributary to STREAM** ACRES² PHOTO DATA SAMPLING LOCATION 3 MILE 1 **SURVEYED** FLOW (cfs) **COLLECTOR** 295' above Hwy 96 bridge Slate 08/03/05 Karuk Tribe 7.3 NO Slate 295' above Hwy 96 bridge 07/07/05 13.1 NO Karuk Tribe Slate 295' above Hwy 96 bridge 06/10/05 26.5 Karuk Tribe Slate 250' above 96 bridge 09/21/04 2.8 Orleans RD Slate 295' above Hwy 96 bridge 08/30/04 2.7 Karuk Tribe NO Slate 295' above Hwy 96 bridge 2.9 08/17/04 NO Karuk Tribe Slate 295' above Hwy 96 bridge 07/30/04 Karuk Tribe 3.8 NO 295' above Hwy 96 bridge 4.3 Karuk Tribe Slate 07/06/04 NO Slate 295' above Hwy 96 bridge 10.0 NO 06/01/04 Karuk Tribe Slate 295' above Hwy 96 bridge 10/21/03 4.8 Karuk Tribe Slate 90' above Hwy 96 bridge 09/25/03 Orleans RD 4.1 Slate 250' above 96 bridge 11/07/02 1.5 Orleans RD Orleans RD Slate 250' above 96 bridge 09/11/02 2.7 Slate 295' above Hwy 96 bridge 09/03/02 1.9 Karuk Tribe NO Slate 295' above Hwy 96 bridge 07/08/02 7.5 NO Karuk Tribe Slate 250' from 96 bridge 09/05/01 2.4 Orleans RD 250' from 96 bridge 07/10/00 YES Orleans RD Slate 5.5 Slate Mile marker 5+70 Orleans RD 08/27/99 3.8 Slate 150' below 96 bridge 09/28/98 0.9 YES Orleans RD Slate 0.1 mile above mouth 08/17/98 3.2 Orleans RD Slate 40' below 96 bridge 08/22/97 3.4 Orleans RD 300' above 96 bridge Slate 06/18/97 8.0 Orleans RD 52.5 Red Cap Klamath R. 40,280 Larsons Place 11/04/15 13.1 NO Orleans RD 119+75 at Meadow 7.7 Orleans RD Red Cap 10/07/14 NO

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
Red Cap				119+75 at Meadow	09/04/14	10.9	NO	Orleans RD
Red Cap				119+75 at Meadow	08/04/14	18.2	NO	Orleans RD
Red Cap				119+75 at Meadow	07/02/14	20.6	NO	Orleans RD
Red Cap				119+75 at Meadow	01/02/14	6.4	NO	Orleans RD
Red Cap				119+75 at Meadow	10/23/13	21.5	NO	Orleans RD
Red Cap				River mile 117+45	10/08/12	15.8	NO	Orleans RD
Red Cap				Down track upstream of bridge, then approx. 50' upstream	08/06/12	33.9	NO	Karuk Tribe
Red Cap				Down track upstream of bridge, then approx. 50' upstream	06/13/12	73.8	NO	Karuk Tribe
Red Cap				Down track upstream of bridge, then approx. 50' upstream	08/30/11	25.6	NO	Karuk Tribe
Red Cap				Down track upstream of bridge, then approx. 50' upstream	07/27/11	37.8	NO	Karuk Tribe
Red Cap				Down track upstream of bridge, then approx. 50' upstream	07/01/11	123.8	NO	Karuk Tribe
Red Cap				Down track upstream of bridge, then approx. 50' upstream	06/13/11	247.0	NO	Karuk Tribe
Red Cap				River mile 120+85	09/29/10	22.9	NO	Orleans RD
Red Cap				River mile 120+85	09/16/10	22.1	NO	Orleans RD
Red Cap				River mile 120+85	08/31/10	40.0	NO	Orleans RD
Red Cap				Down track upstream of bridge, then approx. 50' upstream	08/24/10	22.9	NO	Karuk Tribe
Red Cap				River mile 120+85	08/05/10	35.7	NO	Orleans RD
Red Cap				Down track upstream of bridge, then approx. 50' upstream	08/02/10	49.9	NO	Karuk Tribe

				(1990 to 2010 Estimates)				
STREAM	Tributary to	AT STREAM	ACRES 2	DATA SAMPLING LOCATION 3	DATE	MEASURED 4	РНОТО	DATA
OTTE AUT	Indutary to	MILE 1	ACINES	DATA GAINT LING LOGATION	SURVEYED	FLOW (cfs)		COLLECTOR
				Down track upstream of bridge, then approx. 50'				
Red Cap				upstream	07/12/10	58.4	NO	Karuk Tribe
Red Cap				River mile 81+50	09/24/09	13.4		Orleans RD
Red Cap				Down track upstream of bridge, then approx. 50'	07/01/09	39.2		Karuk Tribe
Red Cap				River mile 81+50	09/24/08	16.8		Orleans RD
Red Cap				Down track upstream of bridge, then approx. 50'	07/31/08	29.3		Karuk Tribe
Red Cap				Down track upstream of bridge, then approx. 50'	06/23/08	53.4		Karuk Tribe
Red Cap				River mile 81+50	09/20/07	18.4	NO	Orleans RD
Red Cap				Down track upstream of bridge, then approx. 50'	08/08/07	30.1	NO	Karuk Tribe
Red Cap				Down track upstream of bridge, then approx. 50'	06/26/07	51.0	NO	Karuk Tribe
Red Cap				River mile 81+50	09/21/06	19.8	YES	Orleans RD
Red Cap				Down track upstream of bridge, then approx. 50'	09/05/06	17.6	NO	Karuk Tribe
Red Cap				Down track upstream of bridge, then approx. 50'	08/08/06	24.7	NO	Karuk Tribe
Red Cap				Down track upstream of bridge, then approx. 50'	07/10/06	46.5	NO	Karuk Tribe
Red Cap				Down track upstream of bridge, then approx. 50'	06/14/06	96.9	NO	Karuk Tribe
Red Cap				River mile 81+50	10/12/05	20.3	YES	Orleans RD
Red Cap				Near mouth at first bridge	09/27/05	16.3	-	Karuk Tribe
Red Cap				Near mouth at first bridge	08/04/05	30.0	-	Karuk Tribe
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

DATE **MEASURED AT STREAM** DATA **STREAM** Tributary to ACRES² PHOTO DATA SAMPLING LOCATION 3 MILE 1 **SURVEYED** FLOW (cfs) **COLLECTOR** Red Cap Orleans RD 500' above mouth 26.3 11/01/00 150' downstream of private bridge YES Orleans RD Red Cap 07/10/00 43.2 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 -0.1 miles above mouth Red Cap 06/23/97 48.9 Orleans RD Boise 50' below bridge Klamath R. 54.6 9.987 11/03/15 3.4 Orleans RD Boise 100ft upstream of bridge 10/07/14 1.0 NO Orleans RD Boise 100ft upstream of bridge 09/04/14 1.6 NO Orleans RD Boise 130 ft. above bridge 08/21/14 1.9 NO Orleans RD Boise 50' upstream from bridge 08/04/14 3.9 NO Orleans RD 17+40 Station Marker Boise 07/02/14 6.0 NO Orleans RD 17+40 Station Marker Boise 01/02/14 1.9 NO Orleans RD Orleans RD Boise **Under Bridge** 10/23/13 4.0 NO 50' upstream from bridge Boise 10/08/12 4.8 NO Orleans RD 30' upstream from bridge Boise 09/29/10 6.6 NO Orleans RD 09/15/10 Boise 30' upstream from bridge 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 Orleans RD 8.1 NO 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 Orleans RD Boise 50 feet below bridge 09/20/07 NO 6.1 Orleans RD Boise 50 feet below bridge 09/21/06 5.1 YES 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 30' below Red Cap Crk Rd bridge Boise 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

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
D .					22/27/22			
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	-	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
Ullathorne	Klamath R.	56.2	1,587	200' upstream of Hwy 96 crossing	06/02/14	0.7	NO	Orleans RD
Ullathorne				200' upstream of Hwy 96 crossing	08/01/12	1.1	NO	Karuk Tribe
Ullathorne				200' upstream of Hwy 96 crossing	06/13/12	1.1		Karuk Tribe
Ullathorne				200' upstream of Hwy 96 crossing	08/29/11	1.0	NO	Karuk Tribe
Ullathorne				200' upstream of Hwy 96 crossing	07/27/11	1.7	NO	Karuk Tribe
Ullathorne				200' upstream of Hwy 96 crossing	06/29/11	3.1	NO	Karuk Tribe
Ullathorne				200' upstream of Hwy 96 crossing	06/13/11	3.7	NO	Karuk Tribe
Ullathorne				200' upstream of Hwy 96 crossing	08/24/10	1.3	NO	Karuk Tribe
Ullathorne				200' upstream of Hwy 96 crossing	08/02/10	2.7	NO	Karuk Tribe
Ullathorne				200' upstream of Hwy 96 crossing	07/13/10	2.9	NO	Karuk Tribe
Ullathorne				200' upstream of Hwy 96 crossing	06/30/09	1.3	NO	Karuk Tribe
Ullathorne				200' upstream of Hwy 96 crossing	07/29/08	0.9	NO	Karuk Tribe
Ullathorne				200' upstream of Hwy 96 crossing	06/23/08	1.5	NO	Karuk Tribe
Ullathorne				200 ft. upstream of Hwy. 96	08/08/07	1.0	NO	Karuk Tribe
Ullathorne				200 ft. upstream of Hwy. 96	06/26/07	2.1	NO	Karuk Tribe
Ullathorne				200 ft. upstream of Hwy. 96	09/05/06	0.8	NO	Karuk Tribe
Ullathorne				200 ft. upstream of Hwy. 96	08/08/06	1.1	NO	Karuk Tribe
Ullathorne				200 ft. upstream of Hwy. 96	07/07/06	1.6	NO	Karuk Tribe
Ullathorne				200 ft. upstream of Hwy. 96	06/14/06	3.2	NO	Karuk Tribe

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and **Klamath and Six Rivers National Forests**

(1996 to 2016 Estimates)

(1990 to 2010 Estimates)										
STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	рното	DATA COLLECTOR		
Ullathorne				200' above Hwy 96 crossing	09/23/05	1.1		Karuk Tribe		
Ullathorne				200' above Hwy 96 crossing	08/04/05	1.3	NO	Karuk Tribe		
Ullathorne				200' above Hwy 96 crossing	07/07/05	2.0	NO	Karuk Tribe		
Ullathorne				200' above Hwy 96 crossing	06/10/05	4.7	NO	Karuk Tribe		
Ullathorne				200' above Hwy 96 crossing	08/30/04	0.4	NO	Karuk Tribe		
Ullathorne					200' above Hwy 96 crossing	08/17/04	0.6	NO	Karuk Tribe	
Ullathorne						200' above Hwy 96 crossing	07/30/04	0.7	NO	Karuk Tribe
Ullathorne					200' above Hwy 96 crossing	07/06/04	0.8	NO	Karuk Tribe	
Ullathorne								200' above Hwy 96 crossing	06/01/04	2.0
Ullathorne				200' above Hwy 96 crossing	10/16/03	0.7	NO	Karuk Tribe		
Ullathorne				50' above Hwy 96 Bridge	09/26/03	0.6	-	Orleans RD		
Ullathorne				200' above Hwy 96 crossing	09/05/02	0.4	NO	Karuk Tribe		
Ullathorne				200' above Hwy 96 crossing	07/08/02	1.6	NO	Karuk Tribe		
Ullathorne				20' above Hwy 96 bridge	09/19/01	0.3	-	Orleans RD		
Ullathorne				150' above Hwy 96 box culvert	11/20/00	0.2	YES	Orleans RD		
Crawford	Klamath R.	<i>56.7</i>	478	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	2.7		Karuk Tribe		
Crawford				200 ft. upstream of Hwy. 96	07/13/10	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		Karuk Tribe		
Crawford				200 ft. upstream of Hwy. 96	08/08/07	1.2		Karuk Tribe		
Crawford				200 ft. upstream of Hwy. 96	06/26/07	2.5		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		

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
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
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 cut	11/20/00	1.0	YES	Orleans RD
				-				
Camp	Klamath R.	56.9	27,280	100ft downstream of 2015 temp logger site	11/03/15	16.6	NO	Orleans RD
Camp			,	DSMT Site	10/07/14	3.7	NO	Orleans RD
Camp				Station marker 33+90	09/03/14	3.6	NO	Orleans RD
Camp				200' downstream of hwy 96 bridge	08/05/14	17.3	NO	Orleans RD
Camp				200' downstream of hwy 96 bridge	07/02/14	32.1	NO	Orleans RD
Camp				75 ft below DSMT	06/13/14	41.8	NO	Orleans RD
Camp				75 ft below DSMT	06/05/14	48.6	NO	Orleans RD
Camp				75ft below DSMT	05/29/14	52.1	NO	Orleans RD
Camp				75ft below DSMT	05/23/14	49.4	NO	Orleans RD
Camp				75ft below DSMT	05/16/14	61.8	NO	Orleans RD
Camp				75ft below DSMT	05/08/14	73.2	NO	Orleans RD
Camp				75ft below DSMT	05/0214	107.0	NO	Orleans RD
Camp				75ft below DSMT	04/25/14	104.5	NO	Orleans RD
Camp				75ft below DSMT	04/18/14	115.6	NO	Orleans RD
Camp				75ft below DSMT	04/11/14	156.9	NO	Orleans RD
Camp				200 Feet Below Bridge	01/02/14	7.5	NO	Orleans RD
Camp				50' Downstream from Bridge	09/27/13	16.7	NO	Orleans RD
Camp				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	1			40 ' downstream from Hwy 96 bridge	06/29/11	62.3	NO	Karuk Tribe

				(1996 to 2016 Estimates)				
STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	рното	DATA COLLECTOR
					_			
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. hatchery	08/30/04	15.2	NO	Karuk Tribe
Camp				Adjacent to trail through C.C. hatchery	08/17/04	19.3	NO	Karuk Tribe
Camp				Adjacent to trail through C.C. hatchery	07/06/04	29.0	NO	Karuk Tribe
Camp				Adjacent to trail through C.C. hatchery	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. hatchery	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

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
Camp				Adjacent to trail through C.C. hatchery	09/05/02	13.3	NO	Karuk Tribe
Camp				Adjacent to trail through C.C. hatchery	07/08/02	27.6	NO	Karuk Tribe
Camp				Adjacent to trail through C.C. hatchery	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	Klamath R.	59.2	413	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	Klamath R.	59.9	3,910	Site 6 at bottom of trail	10/08/14	0.1		Orleans RD
Pearch				Below Campground	10/08/14	0.9	NO	Karuk Tribe
Pearch				Site 6 at bottom of trail	09/03/14	0.3		Orleans RD
Pearch				Site 6 at bottom of trail	08/04/14	1.2		Orleans RD
Pearch				Site 6 at bottom of trail	06/30/14	2.9		Orleans RD
Pearch				Site 6 at bottom of trail	01/02/14	0.7	NO	Orleans RD
Pearch				Second Weir down from Site 6	09/26/13	2.3	NO	Orleans RD
Pearch				Second Weir down from Site 6	01/02/13	2.2	NO	Orleans RD
Pearch				Trail down to pool at gate in Perch Creek CG	08/06/12	4.1	NO	Karuk Tribe
Pearch				Trail down to pool at gate in Perch Creek CG	06/14/12	12.0	NO	Karuk Tribe
Pearch				Trail down to pool at gate in Perch Creek CG	07/27/11	6.9	NO	Karuk Tribe
Pearch				Trail down to pool at gate in Perch Creek CG	07/01/11	11.2	NO	Karuk Tribe
Pearch				Trail down to pool at gate in Perch Creek CG	06/14/11	16.5	NO	Karuk Tribe
Pearch				70' below CG#6 ck. access	09/30/10	4.3		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

				(1990 to 2010 Estimates)				
STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	рното	DATA COLLECTOR
Pearch				Trail down to pool at gate in Perch Creek CG	08/24/10	3.5		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 CG	08/02/10	7.2	NO	Karuk Tribe
Pearch				Trail down to pool at gate in Perch Creek CG	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 CG	08/31/09	1.9	NO	Karuk Tribe
Pearch				Trail down to pool at gate in Perch Creek CG	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 CG	08/08/07	5.0	NO	Karuk Tribe
Pearch				75 feet below Pearch Creek CG	09/18/06	3.5	NO	Orleans RD
Pearch				Trail down to pool at gate in Perch Creek CG	09/05/06	2.1	NO	Karuk Tribe
Pearch				Trail down to pool at gate in Perch Creek CG	08/09/06	3.4	NO	Karuk Tribe
Pearch				Trail down to pool at gate in Perch Creek CG	07/10/06	5.2	NO	Karuk Tribe
Pearch				Trail down to pool at gate in Perch Creek CG	06/15/06	11.9	NO	Karuk Tribe
Pearch				75 feet below Pearch Creek CG	10/11/05	2.4	YES	Orleans RD
Pearch				Trail to pool at gate in P.C. Cmpgrnd	09/27/05	1.5	NO	Karuk Tribe
Pearch				Trail to pool at gate in P.C. Cmpgrnd	08/04/05	4.4	NO	Karuk Tribe
Pearch				Trail to pool at gate in P.C. Cmpgrnd	07/08/05	11.0	NO	Karuk Tribe
Pearch				Trail to pool at gate in P.C. Cmpgrnd	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. Cmpgrnd	08/30/04	2.7	-	Karuk Tribe
Pearch				Trail to pool at gate in P.C. Cmpgrnd	08/02/04	2.9	-	Karuk Tribe
Pearch				Trail to pool at gate in P.C. Cmpgrnd	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. Cmpgrnd	09/24/03	2.0	-	Karuk Tribe
Pearch				Trail to pool at gate in P.C. Cmpgrnd	09/05/02	1.0	-	Karuk Tribe
Pearch				Trail to pool at gate in P.C. Cmpgrnd	07/31/02	5.2	-	Karuk Tribe
Wilson	Klamath R.	61.5		60' upstream of Ishi Pishi Rd Bridge	08/05/14	0.5	NO	Orleans RD
Wilson				60' upstream of Ishi Pishi Rd Bridge	08/08/12	1.6	NO	Karuk Tribe

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
Wilson				COLUMNATION of Johi Dighi Dd Dridge	00/44/40	4.5	NO	Kamula Triba
Wilson				60' upstream of Ishi Pishi Rd Bridge 60' upstream of Ishi Pishi Rd Bridge	06/14/12 08/30/11	4.5 1.8	NO NO	Karuk Tribe 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	07/01/11	1.8	NO	Karuk Tribe
Wilson				60' upstream of Ishi Pishi Rd Bridge	06/13/11	3.3		Karuk Tribe
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	Klamath R.	68	1,222	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

(1996 to 2016 Estimates)										
STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR		
					_					
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		
	mon River str			ected by the Salmon Restoration Council,		•				
Salmon River	Klamath R.	66	480,435	50' above mouth	07/30/04	199.8	NO	Karuk Tribe		
Merrill	Salmon R.	1.2	3,070	25 ft upstream from bridge	08/21/14	1.0	NO	Orleans RD		
Merrill				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		

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
								16 1 7 11
Merrill				100' above Salmon R. Rd crossing	09/30/03	0.7		Karuk Tribe
Merrill				100' above Salmon R. Rd crossing	08/27/03	1.1		Karuk Tribe
Merrill				100' above Salmon R. Rd crossing	10/30/02	0.6		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		Karuk Tribe
Merrill				100' above Salmon R. Rd crossing	07/18/02	1.8		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
	0-4	2.4	0.005	00 ft al	00/00/44	0.0	NO	0.1
Somes	Salmon R.	2.4	2,865	20 ft above mouth	08/28/14	2.0		Orleans RD
Somes				20 ft above mouth	07/14/09	4.0		Karuk Tribe
Somes				127' upstream from mouth	08/16/07	2.4		Karuk Tribe
Somes				127' upstream from mouth	07/03/07	6.2		Karuk Tribe
Somes				127' upstream from mouth	07/08/05	6.7		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		Karuk Tribe
Somes				127' upstream of mouth	09/30/03	1.7		Karuk Tribe
Somes				127' upstream of mouth	08/27/03	2.7		Karuk Tribe
Somes				127' upstream from mouth	10/30/02	1.7		Karuk Tribe
Somes				127' upstream from mouth	08/28/02	1.7		Karuk Tribe
Somes				127' upstream from mouth	07/18/02	5.5	NO	Karuk Tribe
147	Calman	5.0	05.444	Deal tollant 500th days at the same frame leaves	40/00/44	50.0	NO	Orleans DD
Wooley	Salmon R.	5.0	95,141	Pool tailout 500ft downstream from logger	10/08/14	59.6		Orleans RD
Wooley				Above tailout-bedrock pool	07/24/14	84.2		Orleans RD
Wooley				Above tailout-bedrock pool	07/03/14	32.3		Orleans RD
Wooley				Above tailout-bedrock pool	01/02/14	28.7		Orleans RD
Wooley				Tailout of pool at bottom of trail	09/27/13	78.4		Orleans RD
Wooley				Tailout of pool at bottom of trail	01/02/13	94.1		Orleans RD
Wooley		-]	Tailout of pool at bottom of trail	10/11/12	67.6	NO	Orleans RD

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
Wooley				Tailout of pool at bottom of trail	09/29/10	88.3		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		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		Karuk Tribe
Wooley				125 ft. below 4-ft. waterfall at end of Steinacher Rd	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	_	Karuk Tribe
Wooley				Near mouth	07/03/07	161.0		Karuk Tribe
Wooley				Trail by Steinacher Road gate	10/12/05	58.7		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		Karuk Tribe
Wooley				Near mouth	07/30/04	77.2		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
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		Happy Camp RD
Wooley				1200' above mouth	09/10/96	83.3	-	Happy Camp RD
Duncan	Salmon R.	7.4		20 ft below bridge	08/28/14	0.2		Orleans RD
Duncan				30ft below bridge	07/15/11	0.8	NO	Karuk Tribe
Duncan				30ft below bridge	07/14/09	0.7	NO	Karuk Tribe

				(1996 to 2016 Estimates)				
STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	рното	DATA COLLECTOR
Duncan				Near mouth	08/14/07	0.1		Karuk Tribe
Duncan				Near mouth	07/03/07	1.3		Karuk Tribe
Duncan				Near mouth	07/08/05	0.7	NO	Karuk Tribe
Butler	Salmon R.	8.4	4,263	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		Karuk Tribe
Butler				132' upstream of Salmon R Rd Bridge	09/30/03	2.4		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		Karuk Tribe
Butler				132' upstream of Salmon R Rd Bridge	07/18/02	4.5	NO	Karuk Tribe
Morehouse	Salmon R.	12.7	5,724	Near mouth	07/06/05	7.3	NO	Karuk Tribe
Nordheimer	Salmon R.	14.7	19,815	100ft above mouth	07/15/11	30.2	NO	Karuk Tribe
Nordheimer			10,010	100ft above mouth	07/14/09	11.4		Karuk Tribe
Nordheimer				227' upstream of Salmon R. Rd Bridge	08/14/07	7.5		Karuk Tribe
Nordheimer				227' upstream of Salmon R. Rd Bridge	07/03/07	17.7		Karuk Tribe
Nordheimer				227' upstream of Salmon R. Rd Bridge	07/06/05	35.2		Karuk Tribe
Nordheimer				Near mouth	07/30/04	9.3		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		Karuk Tribe
Nordheimer				277 feet upstream of Salmon River bridge	08/28/02	5.1	NO	Karuk Tribe

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and Klamath and Six Rivers National Forests

(1996 to 2016 Estimates)

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
Nordheimer				277 feet upstream of Salmon River bridge	07/18/02	11.6	NO	Karuk Tribe
Crapo Crapo Crapo Crapo Crapo	Salmon R.	15.2	11,006	Near mouth Near mouth Near mouth Near mouth Near mouth Near mouth	07/15/11 08/14/07 07/12/07 08/23/04 07/30/04	35.1 5.5 11.3 6.7 9.0	NO NO NO	Karuk Tribe Karuk Tribe Karuk Tribe Karuk Tribe Karuk Tribe
Big	NF Salmon R.	5.6		Near mouth	07/17/07	0.9	NO	Karuk Tribe
Little N. Fork	NF Salmon R.	11.2		Near mouth	07/17/07	18.5	NO	Karuk Tribe
N. Russian	NF Salmon R.	20.6		Near mouth	07/17/07	5.5	NO	Karuk Tribe
SF Salmon R	Salmon R.	19.4	185,573	1000' below confluence w/St Clair Ck	07/21/03	15.8	NO	Karuk Tribe
Knownothing Knownothing Knownothing Knownothing	SF Salmon R.	2.2		70 yds above bridge 70 yds above bridge Near mouth Near mouth	07/15/11 07/21/09 08/16/07 07/12/07	29.2 6.55 1.7 9.9	NO NO	Karuk Tribe Karuk Tribe Karuk Tribe Karuk Tribe
Methodist Methodist Methodist	SF Salmon R.	6.2		Near mouth Near mouth Near mouth	07/21/09 08/16/07 07/12/07	1.6 0.9 2.3	NO	Karuk Tribe Karuk Tribe Karuk Tribe
Indian Indian Indian	SF Salmon R.	7.4		50 yrds above bridge Near mouth Near mouth	07/21/09 08/16/07 07/12/07	0.30 0.4 1.0	NO	Karuk Tribe Karuk Tribe Karuk Tribe
Black Bear Black Bear	SF Salmon R.	8.4		50 ft above fish ladder Near mouth	07/21/09 08/16/07	0.5 0.8		Karuk Tribe Karuk Tribe

STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
Black Bear				Near mouth	07/12/07	1.9	-	Karuk Tribe
Plummer Plummer Plummer	SF Salmon R.	13.2		130 yrds up from mouth Near mouth Near mouth	07/21/09 08/16/07 07/12/07	2.0 0.5 2.6	NO NO NO	Karuk Tribe Karuk Tribe Karuk Tribe
East Fork	SF Salmon	19.9	6,779	350' upstream from mouth	07/21/03	29.3	-	Karuk Tribe
Taylor	EF of SF		4,019	Upstream of bridge	07/21/03	12.0	-	Karuk Tribe
Teneyck	Klamath R.	68.2	1,043	50ft upstream of culvert 100 ft above mouth 20' ft above mouth 20' above Klamath floodplain. 20' above Klamath floodplain 20' above Klamath floodplain	11/04/15 08/16/12 09/15/11 08/11/11 08/03/10 07/26/10 09/01/09 07/09/09 09/02/08 07/11/08 08/20/07 07/13/07 06/27/06 10/04/05 08/26/05 07/21/05 06/23/05 09/07/04 08/20/04 07/14/04	1.5 2.0 3.2 2.4 2.1 1.8 1.6 2.8 1.6 2.9 2.9 2.2 3.2 1.8 2.5 2.3 3.0 2.1 2.7 2.9 3.6	NO N	Orleans RD Karuk Tribe

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
Teneyck				20' above Klamath floodplain	09/24/02	1.6	NO	Karuk Tribe
Teneyck				20' above Klamath floodplain	07/25/02	2.8	NO	Karuk Tribe
Un-named	Klamath R.	67.5	429	Just above (Klamath R) flood level	08/26/05	1.5	-	Karuk Tribe
Un-named		0110	1	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	Klamath R.	70	2,400	120 yrds above mouth	08/16/12	1.9	NO	Karuk Tribe
Reynolds	radinati it.	70	2,400	120 yrds above mouth	06/28/12	4.1	NO	Karuk Tribe
Reynolds				120 yrds above mouth	09/15/11	2.0	NO	Karuk Tribe
Reynolds				120 yrds above mouth	08/11/11	3.4	NO	Karuk Tribe
Reynolds				120 yrds above mouth	07/18/11	4.6	NO	Karuk Tribe
Reynolds				120 yrds above mouth	08/03/10	5.4	NO	Karuk Tribe
Reynolds				120 yrds above mouth	07/26/10	4.6	NO	Karuk Tribe
Reynolds				120 yrds above mouth	09/01/09	1.3	NO	Karuk Tribe
Reynolds				120 yrds 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		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 Reynolds				20' above Klamath floodplain At Flood level edge	06/02/04 09/24/02	5.0	NO NO	Karuk Tribe Karuk Tribe
Reynolds				At Flood level edge At Flood level edge	07/25/02	1.5 1.8		Karuk Tribe

				(1990 to 2010 Estimates)				
STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	рното	DATA COLLECTOR
Un-named		74.4	4= 4	At first large tree (D.I. Manla)	10/06/05	1.0		Voruk Tribo
Un-named	Klamath R. (below Stuarts'	71.4	474	At first large tree (B.L. Maple) At first large tree (B.L. Maple)	10/06/05 06/22/05	1.3 5.0	_	Karuk Tribe Karuk Tribe
Un-named	(below Stuarts	Bai)		At first large tree (B.L. Maple) At first large tree (B.L. Maple)	09/24/02	0.6	-	Karuk Tribe
on namea				/ timot large tree (B.E. Maple)	00/24/02	0.0		Natur Tribe
Rogers	Klamath R.	72.3	4,264	160ft downstream of 2015 temp logger site	11/04/15	1.0	NO	Orleans RD
Rogers				300' upstream from mouth	08/21/14	4.2	NO	Orleans RD
Rogers				600' upstream from mouth	07/11/14	4.7	NO	Orleans RD
Rogers				300' upstream from mouth	01/06/14	3.6	NO	Orleans RD
Rogers				600' upstream from mouth	01/02/14	3.6	NO	Orleans RD
Rogers				600' upstream from mouth	09/26/13	4.0		Orleans RD
Rogers				300' from mouth	10/08/12	6.0		Orleans RD
Rogers				60 ft above mouth	08/14/12	5.7		Karuk Tribe
Rogers				60 ft above mouth	06/26/12	11.3		Karuk Tribe
Rogers				60 ft above mouth	08/08/11	8.2		Karuk Tribe
Rogers				60 ft above mouth	06/27/11	12.1		Karuk Tribe
Rogers				60 ft above mouth	08/19/10	8.7		Karuk Tribe
Rogers				60 ft above mouth	07/19/10	4.1		Karuk Tribe
Rogers				60 ft above mouth	07/27/09	5.2		Karuk Tribe
Rogers				300 ft. upstream of beginning of riparian canopy	08/26/08	6.0		Karuk Tribe
Rogers				300 ft. upstream of beginning of riparian canopy	07/02/08	10.0		Karuk Tribe
Rogers				300 ft. upstream of beginning of riparian canopy	08/17/07	4.8		Karuk Tribe
Rogers				300 ft. upstream of beginning of riparian canopy	07/09/07	7.5		Karuk Tribe
Rogers				300' above start of riparian canopy	08/13/06	6.3		Karuk Tribe
Rogers				300' above start of riparian canopy	07/20/06	8.7		Karuk Tribe
Rogers				300' above start of riparian canopy 300' above start of riparian canopy	06/22/06	14.0		Karuk Tribe
Rogers				300' above start of riparian canopy	10/06/05	4.5 4.6		Karuk Tribe
Rogers				Subject Start of riparian carropy	08/29/05	4.0	NU	Karuk Tribe
Rogers				300' above start of riparian canopy	08/01/05	5.7	NO	Karuk Tribe
Rogers				300' above start of riparian canopy	06/22/05	18.0		Karuk Tribe
Rogers				20 ft above old road crossing	09/22/04	4.6	NO	Happy Camp RD

				(1996 to 2016 Estimates)	_			
STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	рното	DATA COLLECTOR
Rogers				300' above start of riparian canopy	09/14/04	3.4	NO	Karuk Tribe
Rogers				300' above start of riparian canopy	07/14/04	6.3	NO	Karuk Tribe
Rogers				300' above start of riparian canopy	06/02/04	10.2	NO	Karuk Tribe
Rogers				300' above start of riparian canopy	09/24/03	7.8	NO	Karuk Tribe
Rogers				150 feet up from mouth	09/24/02	3.1	NO	Karuk Tribe
Rogers Rogers				300' above start of riparian canopy 300' above start of riparian canopy	09/17/02 07/08/02	3.2 10.1	NO NO	Karuk Tribe Karuk Tribe
Rogers Rogers				150' up from mouth 200' from mouth	09/06/01 09/22/00	2.9 4.1	NO NO	Orleans RD Orleans RD
			·					
Halverson	Klamath R.	73.5	1,594	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 Halverson				35 ft above mouth 35 ft above mouth	08/08/11 06/27/11	1.8 3.3		Karuk Tribe Karuk Tribe
Halverson				35 ft above mouth	08/19/10	1.6		Karuk Tribe
Halverson Halverson				35 ft above mouth 35 ft above mouth	07/19/10	0.7		Karuk Tribe Karuk Tribe
Halverson				132 ft. upstream of mouth	08/26/08	0.7		Karuk Tribe
Halverson				132 ft. upstream of mouth	07/02/08	1.5	NO	Karuk Tribe

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and **Klamath and Six Rivers National Forests**

(1996 to 2016 Estimates)

STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
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
Halverson				130' above mouth	09/07/04	0.9	NO	Karuk Tribe
Halverson				130' above mouth	08/20/04	1.5		Karuk Tribe
Halverson Halverson				130' above mouth 130' above mouth	07/14/04 07/25/02	2.4		Karuk Tribe Karuk Tribe
Irving	Klamath R.	75.1	5,426	100ft downstream of diversion	10/08/14	4.8	NO	Orleans RD
Irving				20 ft above diversion	10/08/14	6.2	NO	Orleans RD
Irving				20 ft above diversion	08/07/14	7.2	NO	Orleans RD

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
Irving				100 ft downstream of diversion	08/07/14	5.2	NO	Orleans RD
Irving				20 ft upstream from inlet	07/11/14	6.0	NO	Orleans RD
Irving				100 ft downstream from inlet	07/11/14	6.1	NO	Orleans RD
Irving				70' above diversion	01/06/14	6.8	NO	Orleans RD
Irving				30' Downstream from diversion	01/06/14	10.1	NO	Orleans RD
Irving				70' above diversion	09/26/13	8.0	NO	Orleans RD
Irving				60' Downstream from diversion	09/26/13	8.8	NO	Orleans RD
Irving				60 ft. above diversion entering from Stanshaw	10/04/12	6.7		Orleans RD
Irving				30 ft. below diversion entering from Stanshaw	10/04/12	6.9	NO	Orleans RD
Irving				Track N. of Hwy. 96 bridge to creek, then	08/13/12	2.2	NO	Karuk Tribe
Irving				Track N. of Hwy. 96 bridge to creek, then	06/18/12	7.9	NO	Karuk Tribe
Irving				50 ft. above diversion outlet entering from	09/16/11 09/16/11	8.9 10.0	YES YES	Orleans RD Orleans RD
Irving Irving				60' below bridge Track N. of Hwy. 96 bridge to creek, then	08/30/11	14.2	NO	Karuk Tribe
				Track N. of Hwy. 96 bridge to creek, then				
Irving				upstream	07/27/11	14.1	NO	Karuk Tribe
Irving				Track N. of Hwy. 96 bridge to creek, then upstream	07/01/11	17.0	NO	Karuk Tribe
Irving				Track N. of Hwy. 96 bridge to creek, then upstream	06/14/11	24.4	NO	Karuk Tribe
Irving				30 ft. above diversion outlet entering from Stanshaw	09/29/10	7.2	NO	Orleans RD
Irving				30' below bridge	09/30/10	9.6	NO	Orleans RD
Irving				100 ft. above diversion outlet entering from Stanshaw	09/16/10	6.5	NO	Orleans RD

(1990 to 2010 Estimates)										
STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION 3	DATE	MEASURED 4	РНОТО	DATA		
		WIILE			SURVEYED	FLOW (cfs)		COLLECTOR		
							1			
Irving				50' below bridge	09/15/10	7.3	NO	Orleans RD		
				30 ft. above diversion outlet entering from	30, 10, 10	7.10		0.1.00.1.0 1.12		
Irving				Stanshaw	08/31/10	7.9	NO	Orleans RD		
Irving				30' below bridge	08/31/10	9.0	NO	Orleans RD		
				Track N. of Hwy. 96 bridge to creek, then						
Irving				upstream	08/26/10	10.9	NO	Karuk Tribe		
Irving				100 ft. above diversion outlet entering from Stanshaw	08/19/10	9.9	NO	Orleans RD		
				FOUL 1 1 1 1						
Irving				50' below bridge 100 ft. above diversion outlet entering from	08/19/10	11.9	NO	Orleans RD		
Irving				Stanshaw	08/05/10	10.8	NO	Orleans RD		
Irving				50' below bridge	08/05/10	12.7	NO	Orleans RD		
				Track N. of Hwy. 96 bridge to creek, then						
Irving				upstream	08/02/10	14.1	NO	Karuk Tribe		
l				Track N. of Hwy. 96 bridge to creek, then						
Irving				upstream 100 ft. above diversion outlet entering from	07/13/10	13.5	NO	Karuk Tribe		
Irving				Stanshaw	09/23/09	5.7	NO	Orleans RD		
				10 ft. below diversion outlet entering from						
Irving				Stanshaw Track N. of Hwy. 96 bridge to creek, then	09/23/09	6.7	NO	Orleans RD		
Irving				upstream	08/03/09	5.2	NO	Karuk Tribe		
				Track N. of Hwy. 96 bridge to creek, then						
Irving				upstream	06/30/09	8.9	NO	Karuk Tribe		
Irving				100 ft. above diversion outlet entering from Stanshaw	09/23/08	6.7	YES	Orleans RD		
Irving				10 ft. below MM diversion outlet entering from	09/23/08	11.0		Orleans RD		
Irving				Track N. of Hwy. 96 bridge to creek, then	07/31/08	12.2	NO	Karuk Tribe		
Irving				Track N. of Hwy. 96 bridge to creek, then	06/24/08	15.3		Karuk Tribe		
Irving				100 ft. above diversion outlet entering from	09/26/07	5.7		Orleans RD		

(1990 to 2010 Estimates)											
STREAM	Tributary to	AT STREAM MILE 1	ACRES 2	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED 4	РНОТО	DATA			
		IVIILE			SURVETED	FLOW (cfs)		COLLECTOR			
lu din o				40 ft halour MM diversion author autorium fram	00/00/07	0.4	NO	Orleans DD			
Irving				10 ft. below MM diversion outlet entering from Track N. of Hwy. 96 bridge to creek, then	09/26/07 08/08/07	6.1 8.8	NO NO	Orleans RD Karuk Tribe			
Irving Irving				Track N. of Hwy. 96 bridge to creek, then	06/06/07	10.2	NO	Karuk Tribe			
Irving				10 ft. below diversion entering from Stanshaw	09/20/06	6.1	NO	Orleans RD			
Irving				300' upstream adjacent to path	10/03/06	8.9	NO	Happy Camp RD			
Irving				150' above Hwy 96 Bridge - above MM outflow	09/20/06	8.8	YES	Orleans RD			
Irving				Hwy 96 Bridge - below MM outflow	09/20/06	13.0	YES	Orleans RD			
Irving				Track N. of Hwy. 96 bridge to creek, then	09/06/06	8.5	NO	Karuk Tribe			
Irving				upstream	08/09/06	10.0	NO	Karuk Tribe			
Irving				Track N. of Hwy. 96 bridge to creek, then	07/11/06	14.1	NO	Karuk Tribe			
Irving				Track N. of Hwy. 96 bridge to creek, then	06/15/06	22.4		Karuk Tribe			
Irving				Upstream of path N. Hwy 96 - above MM outflow	09/27/05	7.0	NO	Karuk Tribe			
Irving				Upstream of path N. Hwy 96 - above MM outflow	08/04/05	10.5	NO	Karuk Tribe			
Irving				Upstream of path N. Hwy 96 - above MM outflow	06/16/05	17.9	NO	Karuk Tribe			
Irving				At end of foot trail - above MM outflow	09/23/04	8.1	-	Happy Camp RD			
Irving				Upstream of path N. Hwy 96 - above MM outflow	08/31/04	6.5	NO	Karuk Tribe			
Irving				Upstream of path N. Hwy 96 - above MM outflow	08/02/04	8.0	NO	Karuk Tribe			
Irving				Upstream of path N. Hwy 96 - above MM outflow	07/12/04	11.0	NO	Karuk Tribe			
Irving				Upstream of path N. Hwy 96 - above MM outflow	06/10/04	12.0	NO	Karuk Tribe			
Irving				1100' up from Hwy 96 - above MM outflow	09/26/03	7.2	-	Orleans RD			
Irving				Upstream of path N. Hwy 96 - above MM outflow	09/24/03	7.8	NO	Karuk Tribe			

(1990 to 2010 Estimates)									
STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	рното	DATA COLLECTOR	
Irving				End of foot trail - above MM diversion	09/24/02	5.0	-	Happy Camp RD	
Irving				Above path N. of Hwy 96 - above MM diversion	09/06/02	5.2	NO	Karuk Tribe	
Irving				Above path N. of Hwy 96 - above MM diversion	07/08/02	10.5	NO	Karuk Tribe	
Irving				End of foot trail - above MM diversion	09/06/01	4.4	-	Orleans RD	
Irving				End of foot trail - above MM diversion	09/21/00	7.7	NO	Karuk Tribe	
Stanshaw Ck di	iversion			15' above diversion inlet	09/09/14	0.8	NO	Orleans RD	
Stanshaw Ck di	iversion			60' below diversion	09/09/14	0.6	NO	Orleans RD	
Stanshaw Ck di				100' below diversion	07/10/14	1.1	NO	Orleans RD	
Stanshaw Ck di	iversion			60' Downchannel of Diversion	08/06/13	1.6		Orleans RD	
Stanshaw Ck di				120' down channel of diversion	10/04/12	1.6		Orleans RD	
Stanshaw Ck di				At crossing of track at Irving Creek- directly in	08/08/12	1.9	NO	Karuk Tribe	
Stanshaw Ck di				At crossing of track at Irving Creek- directly in	09/13/11	3.6	NO	Karuk Tribe	
Stanshaw Ck di				At crossing of track at Irving Creek- directly in	08/30/11	2.7	NO	Karuk Tribe	
Stanshaw Ck di				At crossing of track at Irving Creek- directly in	07/27/11	1.3	NO	Karuk Tribe	
Stanshaw Ck di				At crossing of track at Irving Creek- directly in	06/14/11	2.9	NO	Karuk Tribe	
Stanshaw Ck di				At crossing of track at Irving Creek- directly in	06/01/11	2.0	NO	Karuk Tribe	
Stanshaw Ck di				At crossing of track at Irving Creek- directly in	08/26/10	2.1	NO	Karuk Tribe	
Stanshaw Ck di Stanshaw Ck di				At crossing of track at Irving Creek- directly in At crossing of track at Irving Creek- directly in	08/02/10	1.9 1.1	NO NO	Karuk Tribe	
Stansnaw CK di Stanshaw Ck di				10 ft down diversion- directly in diversion	07/13/10 08/03/09	1.1	NO	Karuk Tribe Karuk Tribe	
Stanshaw Ck di				before hitting Irving - directly in diversion near	08/03/09	0.5	NO	Karuk Tribe	
Stanshaw Ck di				8ft below div. site - directly in diversion	08/03/09	2.0	NO	Karuk Tribe	
StatistiaW CK UI	vei 31011			Adjacent to road near Irving- directly in diversion	01/20/09	2.0	INU	Natur Tibe	
Stanshaw Ck di	iversion			near outlet	07/01/09	1.8	NO	Karuk Tribe	
Stanshaw Ck di	iversion			At crossing of track at Irving Creek- directly in diversion near outlet	07/31/08	1.7	NO	Karuk Tribe	
Stanshaw Ck di	iversion			At crossing of track at Irving Creek- directly in diversion near outlet	06/24/08	1.8	NO	Karuk Tribe	

	(1996 to 2016 Estimates)										
STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	рното	DATA COLLECTOR			
	•			At crossing of track at Irving Creek- directly in							
Stanshaw Ck o				diversion near outlet	08/08/07	0.8	NO	Karuk Tribe			
Stanshaw Ck o				At crossing of track at Irving Creek- directly in	06/27/07	2.1	NO	Karuk Tribe			
Stanshaw Ck o				At crossing of track at Irving Creek- directly in	08/09/06	2.3	NO	Karuk Tribe			
Stanshaw Ck o				At crossing of track at Irving Creek- directly in	07/11/06	1.7	NO	Karuk Tribe			
Stanshaw Ck o				160' above Hwy 96 rd crossing	06/15/06	2.5	NO	Karuk Tribe			
Stanshaw Ck o				160' above Hwy 96 rd crossing	09/27/05	1.5	NO	Karuk Tribe			
Stanshaw Ck o				160' above Hwy 96 rd crossing	08/04/05	1.8	NO	Karuk Tribe			
Stanshaw Ck o				160' above Hwy 96 rd crossing	06/16/05	1.9	NO	Karuk Tribe			
Stanshaw Ck o	iversion			Diversion outflow into Irving Ck	09/24/03	1.2	NO	Karuk Tribe			
Stanshaw	Klamath R.	76.2	2,664	Directly across from lodge	08/07/14	0.4		Orleans RD			
Stanshaw				Directly across from lodge	07/11/14	0.7		Orleans RD			
Stanshaw				15' above diversion	07/10/14	1.2		Orleans RD			
Stanshaw				50' below diversion	07/10/14	0.3		Orleans RD			
Stanshaw				Directly across from lodge	01/06/14	0.3		Orleans RD			
Stanshaw				50' upstream of diversion	08/06/13	13 1.8 YE		Orleans RD			
Stanshaw				100' Downstream of diversion	08/06/13	0.8		Orleans RD			
Stanshaw				50' above pond near mouth	08/06/13	0.1	NO	Orleans RD			
Stanshaw				Directly across from lodge	09/26/13	0.4	NO	Orleans RD			
Stanshaw				30' above Klamath River confluence	10/04/12	0.1		Orleans RD			
Stanshaw				40' above pond near mouth	10/04/12	0.4		Orleans RD			
Stanshaw				150 ft above diversion inlet	10/04/12	2.0		Orleans RD			
Stanshaw				120' downstream of diversion inlet	10/04/12	0.7		Orleans RD			
Stanshaw				Directly in Stanshaw cr. below diversion by	08/08/12	0.8	NO	Karuk Tribe			
Stanshaw				Directly in Stanshaw cr. below diversion by	06/14/12	3.3		Karuk Tribe			
Stanshaw				Across from cabins above 1st cabin	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	09/13/11	0.6	NO	Karuk Tribe			
Stanshaw				Directly in Stanshaw cr. below diversion by	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	08/30/11	0.4	NO	Karuk Tribe			

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
Stanshaw				Directly in Stanshaw cr. below diversion by	07/28/11	1.7	NO	Karuk Tribe
Stanshaw				Directly in Stanshaw cr. below diversion by	07/01/11	4.4	NO	Karuk Tribe
Stanshaw				Directly in Stanshaw cr. below diversion by	06/14/11	5.4	NO	Karuk Tribe
Stanshaw				Across from cabins from lodge	09/29/10	0.7		Orleans RD
Stanshaw				Across from cabins from lodge	09/15/10	0.3		Orleans RD
Stanshaw				Across from cabins from lodge	08/31/10	1.0		Orleans RD
Stanshaw				Directly in Stanshaw cr. below diversion by	08/26/10	0.4		Karuk Tribe
Stanshaw				Across from cabins from lodge	08/19/10	1.1		Orleans RD
Stanshaw				Across from cabins from lodge	08/05/10	2.0		Orleans RD
Stanshaw				Directly in Stanshaw cr. below diversion by	08/02/10	2.1	NO	Karuk Tribe
Stanshaw				Directly in Stanshaw cr. below diversion by	07/13/10	2.4	NO	Karuk Tribe
Stanshaw				Across from cabins above 1st cabin	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		Orleans RD
Stanshaw				100 ft. upstream of Hwy. 96 road crossing	07/31/08	1.1		Karuk Tribe
Stanshaw				100 ft. upstream of Hwy. 96 road crossing	06/24/08	1.9		Karuk Tribe
Stanshaw				Across from cabins above 1st cabin	09/26/07	0.5		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 diversion	09/18/06	0.7		Orleans RD
Stanshaw				100 ft. upstream of Hwy. 96 road crossing -	09/06/06	1.5	NO	Karuk Tribe
Stanshaw				100 ft. upstream of Hwy. 96 road crossing -	08/09/06	1.8	NO	Karuk Tribe
Stanshaw				100 ft. upstream of Hwy. 96 road crossing -	07/11/06	1.6	NO	Karuk Tribe
Stanshaw				100 ft. upstream of Hwy. 96 road crossing -	06/15/06	5.5		Karuk Tribe
Stanshaw				100' above Hwy 96 - below MM diversion	09/27/05	0.4	NO	Karuk Tribe
Stanshaw				100' above Hwy 96 - below MM diversion	08/05/05	0.9	NO	Karuk Tribe
Stanshaw				100' above Hwy 96 - below MM diversion	07/14/05	2.9	NO	Karuk Tribe

		AT STREAM		(1990 to 2010 Estimates)	DATE	MEASURED 4		DATA
STREAM	Tributary to	MILE 1	ACRES ²	DATA SAMPLING LOCATION 3	SURVEYED		РНОТО	
		IVIILE			SURVETED	FLOW (cfs)		COLLECTOR
Stanshaw				100' above Hwy 96 - below MM diversion	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 Creek	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 Creek	07/12/04	1.8	NO	Karuk Tribe
Stanshaw				Below MM Ranch diversion intake	07/12/04	1.9		Karuk Tribe
Stanshaw				Diversion outflow to MM Ranch / Irving Creek	06/10/04	1.6		Karuk Tribe
Stanshaw				Below MM Ranch diversion intake	06/10/04	2.6	NO	Karuk Tribe
Stanshaw				100' above Hwy 96 - below MM diversion	09/24/03	0.4	NO	Karuk Tribe
Stanshaw					100 ' up from MM Ranch Diversion	09/04/03	2.4	-
Stanshaw				Within flume diversion to MM Ranch	09/04/03	1.9	-	Orleans RD
Stanshaw				Diversion outflow into Irving Ck	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 diversion	09/24/02	0.7	-	Orleans RD
Stanshaw				100' above Hwy 96 - below MM diversion	09/06/02	0.7	NO	Karuk Tribe
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	Klamath R.	76.9	3,514	50ft upstream of culvert	11/04/15	1.1	NO	Orleans RD
Sandy Bar		-		150' downstream from culvert	09/09/14	0.6	NO	Orleans RD
Sandy Bar				150' downstream from culvert	08/07/14	1.0	NO	Orleans RD
Sandy Bar				100' downstream Hwy 96 Culvert	07/11/14	1.6	NO	Orleans RD
Sandy Bar				70' downstream of Hwy 96 culvert	01/06/14	1.7		Orleans RD
Sandy Bar				100' downstream Hwy 96 Culvert	01/02/14	1.7	NO	Orleans RD
Sandy Bar				100' downstream Hwy 96 Culvert	09/26/13	2.5	NO	Orleans RD
Sandy Bar				70' downstream of Hwy 96 culvert	10/11/12	1.6		Orleans RD
Sandy Bar				20 yrds above hwy 96 culvert	08/08/12	2.8	NO	Karuk Tribe
Sandy Bar				20 yrds above hwy 96 culvert	06/14/12	10.5	NO	Karuk Tribe
Sandy Bar				20 yrds above hwy 96 culvert	08/30/11	3.4	NO	Karuk Tribe

STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
Sandy Bar				20 yrds above hwy 96 culvert	07/28/11	6.4	NO	Karuk Tribe
Sandy Bar				20 yrds above hwy 96 culvert	06/14/11	18.4	NO	Karuk Tribe
Sandy Bar				20 yrds 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 yrds above hwy 96 culvert	08/02/10	3.6	NO	Karuk Tribe
Sandy Bar				20 yrds 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 yrds above hwy 96 culvert	08/03/09	1.8	NO	Karuk Tribe
Sandy Bar				20 yrds 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		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

				(1990 to 2010 Estimates)		1		
STREAM	Tributary to	AT STREAM	ACRES 2	DATA SAMPLING LOCATION 3	DATE	MEASURED 4	РНОТО	DATA
• • • • • • • • • • • • • • • • • • •	111201017	MILE 1	AORLO	DATA GAINI EING EGGATION	SURVEYED	FLOW (cfs)		COLLECTOR
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	Klamath R.	79.1	21,312	100 yrds above mouth	08/14/12	16.1	NO	Karuk Tribe
Rock				100 yrds above mouth	06/26/12	35.1	NO	Karuk Tribe
Rock				100 yrds above mouth	08/08/11	33.5		Karuk Tribe
Rock				100 yrds above mouth	06/23/11	60.3	NO	Karuk Tribe
Rock				100 yrds above mouth	08/19/10	19.2	NO	Karuk Tribe
Rock				100 yrds above mouth	07/26/10	42.0	NO	Karuk Tribe
Rock				100 yrds above mouth	08/11/09	22.3	NO	Karuk Tribe
Rock				100 yrds above mouth	07/27/09	19.4		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		Happy Camp RD
Rock				75 ft. up from bridge.	08/15/07	14.1		Karuk Tribe
Rock				20' below bridge	07/10/07	23.8		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		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		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

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
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		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	Klamath R.	80.1	6,065	50' below tanker fill site	11/04/15	2.6		Orleans RD
Ti				50' below tanker fill site	09/09/14	2.0		Orleans RD
Ti				50' below tanker fill site	08/07/14	4.3		Orleans RD
Ti				50' below tanker fill site	07/11/14	4.7		Orleans RD
Ti				50' below tanker fill site	01/06/14	3.8		Orleans RD
Ti				50' below tanker fill site	10/22/13	3.1	NO	Orleans RD
<u>Ti</u>				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 Ti				First big corner up ti bar rd, second pool down	06/14/11	23.0	NO	Karuk Tribe
Ti Ti				40' below Tanker Fill Site	09/29/10	6.6	NO	Orleans RD
Ti Ti				40' below Tanker Fill Site	09/15/10	6.4	NO	Orleans RD
Ti Ti				40' below Tanker Fill Site	08/31/10	8.5	NO	Orleans RD
Ti		40' below Tanker F	30' below Tanker Fill Site	08/19/10	8.2	NO	Orleans RD	
Ti					08/05/10	9.2	NO	Orleans RD
11				First big corner up ti bar rd, second pool down	08/02/10	9.0	NO	Karuk Tribe

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
Ti 				First big corner up ti bar rd, second pool down	07/13/10	12.0	NO	Karuk Tribe
Ti 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 Ti Ti Ti				First big corner up ti bar rd, second pool down	07/01/09	5.8		Karuk Tribe
<i>Ti</i>				30' below Tanker Fill Site	09/23/08	4.8		Orleans RD
<i>Ti</i>				Where U.S.F.S. fire trucks fill with water	08/01/08	6.7	NO	Karuk Tribe
<u>Ti</u>				Where U.S.F.S. fire trucks fill with water	06/24/08	9.8	NO	Karuk Tribe
<u>Ti</u>				30' below Tanker Fill Site	09/26/07	4.7		Orleans RD
Ti				Tanker Fill Site	08/10/07	4.8	NO	Karuk Tribe
Τί				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 Ti				Tanker Fill Site	09/14/06	6.9		Happy Camp RD
Ti				Tanker Fill Site	09/06/06	6.9	NO	Karuk Tribe
Ti Ti Ti Ti Ti Ti				Tanker Fill Site	08/09/06	8.8		Karuk Tribe
1 <u>//</u> .				Tanker Fill Site	07/11/06	12.1	NO	Karuk Tribe
1 <u>//</u> .				Tanker Fill Site	06/15/06	28.6		Happy Camp RD
<i>[1]</i>				Tanker Fill Site	06/15/06	25.4	NO	Karuk Tribe
<i> 11</i>				Tanker Fill Site	10/12/05	4.2	YES	Orleans RD
<i> 1 </i>				Tanker Fill site	10/11/05	5.7	-	Happy Camp RD
<i> </i>				Tanker Fill Site	09/27/05	5.5	NO	Karuk Tribe
Ti Ti				Tanker Fill Site	08/05/05	7.2	NO	Karuk Tribe
				Tanker Fill Site	06/30/05	11.8	NO	Karuk Tribe
Ti Ti Ti				Tanker Fill Site	06/15/05	14.6	NO	Karuk Tribe
17;				Tanker Fill Site Tanker Fill Site	09/23/04	6.9	-	Orleans RD
17;				Tanker Fill Site	09/23/04	6.9	- NO	Happy Camp RD
<i>''</i> ;				Tanker Fill Site Tanker Fill Site	09/01/04 08/02/04	5.5	NO NO	Karuk Tribe
Ti Ti Ti Ti						6.6		Karuk Tribe
111			1	Tanker Fill Site	07/12/04	8.2	NO	Karuk Tribe

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and Klamath and Six Rivers National Forests

(1996 to 2016 Estimates)

				(1990 to 2010 Estimates)				
STREAM	Tributary to	AT STREAM	ACRES 2	DATA SAMPLING LOCATION 3	DATE	MEASURED 4	РНОТО	DATA
OTT CZ IIII	Tributary to	MILE 1	ACKES	DATA SAMI LING LOCATION	SURVEYED	FLOW (cfs)		COLLECTOR
Ti				Tanker Fill Site	09/25/03	7.1	-	Orleans RD
Ti				Tanker Fill Site	09/08/03	6.9		Karuk Tribe
Ti				Tanker Fill Site	09/20/02	2.0		Happy Camp RD
Ti				Tanker Fill Site	09/18/02	2.2		Karuk Tribe
Ti Ti				Tanker Fill Site	07/09/02	6.4		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	Klamath R.	82.8	1,536	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	Klamath R.	83	954	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	Klamath R.	84	46,854	Directly downstream of campsite 19	09/15/15	16.0		Happy Camp RD
Dillon				1000' of 2014 site location	08/05/15	20.0		Happy Camp RD
Dillon				20 meters upstream campsite 19	06/15/15	47.2		Happy Camp RD
Dillon				20 meters upstream campsite 19	09/22/14	18.0		Happy Camp RD
Dillon				20 meters upstream campsite 19	09/01/14	18.8		Happy Camp RD
Dillon				20 meters upstream campsite 19	07/02/14	50.3		Happy Camp RD
Dillon				20 meters upstream campsite 19	05/21/14	140.4		Happy Camp RD
Dillon				40 ft above braid at mouth	02/05/14	67.6		Happy Camp RD
Dillon				40 ft above braid at mouth	11/01/13	33.5		Happy Camp RD
Dillon				20 meters upstream campsite 19	07/22/13	34.9	NO	Happy Camp RD
=	-	='	-					

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
Dillon				20 meters upstream campsite 19	06/25/13	86.2		Happy Camp RD
Dillon				20 meters upstream campsite 19	09/04/12	25.7		Happy Camp RD
Dillon				20 meters upstream campsite 19	07/18/12	66.2	NO	Happy Camp RD
Dillon				20 meters upstream campsite 19	06/21/12	102.0	NO	Happy Camp RD
Dillon				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				upstream from pool	06/30/10	193.4	YES	Happy Camp RD
Dillon				upstream from pool	09/24/09	25.9	-	Happy Camp RD
Dillon				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				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

				(1996 to 2016 Estimates)				
STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
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		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		Karuk Tribe
Dillon				At bridge	07/19/06	51.7		Happy Camp RD
Dillon				Tailout of swimming hole at D.C. campground	07/12/06	71.2		Karuk Tribe
Dillon				30ft upstream from previous site	06/23/06	116.0		Happy Camp RD
Dillon				Tailout of swimming hole at D.C. campground	06/15/06	167.5		Karuk Tribe
Dillon Dillon				30' from mouth	06/09/06	221.0		Happy Camp RD
Dillon				200' upstream from mouth Tailout of swimhole @ DC cmpgrnd	10/11/05 09/27/05	27.8 23.6	-	Happy Camp RD Karuk Tribe
Dillon				200' upstream from mouth	09/27/05	36.8	-	Happy Camp RD
Dillon				200' upstream from mouth	08/09/05	49.0		Happy Camp RD
Dillon				Tailout of swimhole @ DC cmpgrnd	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 cmpgrnd	06/30/05	124.4	-	Karuk Tribe
Dillon				Tailout of swimhole @ DC cmpgrnd	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 cmpgrnd	08/02/04	21.7	-	Karuk Tribe
Dillon				Tailout of swimhole @ DC cmpgrnd	07/13/04	44.2	-	Karuk Tribe

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
Dillon				Tailout of swimhole @ DC cmpgrnd	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 cmpgrnd	09/08/03	26.9	-	Karuk Tribe
Dillon				Tailout of swimhole @ DC cmpgrnd	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 cmpgrnd	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		Happy Camp RD
Dillon				Below bridge	09/04/97	26.1	YES	Happy Camp RD
Dillon				1st run up from mouth	09/10/96	30.7	-	Happy Camp RD
Three Creeks	Klamath R.	84.8		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	Klamath R.	86.3	1,075	15 ft upstream of hwy 96	09/15/15	0.6		Happy Camp RD
Aubrev				15 ft upstream of hwy 96	08/05/15	0.6		Happy Camp RD
Aubrey				15 ft upstream of hwy 96	06/15/15	1.0		Happy Camp RD
Aubrey				15 ft upstream of hwy 96	09/01/14	1.1		Happy Camp RD
Aubrey				15 ft upstream of hwy 96	07/02/14	1.6		Happy Camp RD
Aubrev				15 ft upstream of hwy 96	07/23/13	1.4	NO	Happy Camp RD
Aubrey				15 ft upstream of hwy 96	07/01/13	1.5	NO	Happy Camp RD
Aubrev				Upper edge of Hwy 96 culvert	09/04/12	1.8		Happy Camp RD
Aubrey			15 yrds above bridge	08/10/12	2.0	NO	Karuk Tribe	
Aubrey				15 yrds 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 yrds above bridge 08/01/11 2.1	NO	Karuk Tribe				
Aubrey							NO	Karuk Tribe
Aubrey				15 yrds above bridge	07/05/11	3.9	NO	Karuk Tribe

(1990 to 2010 Estimates)									
STREAM	Tributary to	AT STREAM MILE ¹	ACRES 2	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	рното	DATA COLLECTOR	
Aubrey				15 yrds 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 yrds above bridge	08/06/10	2.0	NO	Karuk Tribe	
Aubrey				15 yrds 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 yrds above bridge	08/04/09	1.3	NO	Karuk Tribe	
Aubrey				15 yrds above bridge	07/02/09	2.4	NO	Karuk Tribe	
Aubrey				Trail to right of Hwy. 96 road crossing, site approx.	08/01/08	2.2	NO	Karuk Tribe	
Aubrey				Trail to right of Hwy. 96 road crossing, site approx.	06/24/08	6.1	NO	Karuk Tribe	
Aubrey				Trail to right of Hwy. 96 road crossing, site approx.	08/10/07	1.7	-	Karuk Tribe	
Aubrey				Trail to right of Hwy. 96 road crossing, site approx.	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.	09/06/06	1.8	NO	Karuk Tribe	
Aubrey				Trail to right of Hwy. 96 road crossing, site approx.	08/09/06	2.2	NO	Karuk Tribe	
Aubrey				Trail to right of Hwy. 96 road crossing, site approx.	07/12/06	3.2		Karuk Tribe	
Aubrey				Trail to right of Hwy. 96 road crossing, site approx.	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	Klamath R.	87	979	100 ft below Hwy 96 Culvert	09/15/15	0.8		Happy Camp RD	
Elliott				100 ft below Hwy 96 Culvert	08/05/15	1.0		Happy Camp RD	
Elliott				100 ft below Hwy 96 Culvert	06/15/15	119.0	NO	Happy Camp RD	
Elliott				100 ft below Hwy 96 Culvert	09/01/14	1.0	NO	Happy Camp RD	
Elliott				100 ft below Hwy 96 Culvert	07/02/14	1.4	NO	Happy Camp RD	

	(1996 to 2016 Estimates)									
STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR		
	_									
Elliott				100 ft below Hwy 96 Culvert	07/23/13	1.2	NO	Happy Camp RD		
Elliott				100 ft below Hwy 96 Culvert	07/01/13	2.2	NO	Happy Camp RD		
Elliott				100 ft below Hwy 96 Culvert	09/04/12	1.7	YES	Happy Camp RD		
Elliott				30 yrds below hwy 96 bridge	08/10/12	1.7	NO	Karuk Tribe		
Elliott				30 yrds 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 yrds below hwy 96 bridge	08/31/11	1.6		Karuk Tribe		
Elliott				30 yrds below hwy 96 bridge	07/28/11	2.6	NO	Karuk Tribe		
Elliott				30 yrds below hwy 96 bridge	07/05/11	2.9	NO	Karuk Tribe		
Elliott				30 yrds below hwy 96 bridge	06/14/11	8.1	NO	Karuk Tribe		
Elliott				Down old gravel road on right side of road	09/07/10	1.6	-	Happy Camp RD		
Elliott				30 yrds below hwy 96 bridge	08/06/10	2.1	NO	Karuk Tribe		
Elliott				30 yrds 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 yrds 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		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		Karuk Tribe		
Elliott				150' above Hwy 96 crossing	06/30/05	3.6		Karuk Tribe		
Elliott				150' above Hwy 96 crossing	06/16/05	4.8		Karuk Tribe		
Elliott				150' above Hwy 96 crossing	09/07/04	0.9		Karuk Tribe		
Elliott				150' above Hwy 96 crossing	07/13/04	2.4		Karuk Tribe		
Elliott				150' above Hwy 96 crossing	06/10/04	3.0		Karuk Tribe		

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
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
				is a discretify of discounty	01710702	2.2	110	rear are Tribo
Swillup	Klamath R.	88.5	5,581	140ft upstream of HWY 96 Bridge	09/15/15	2.8	NO	Happy Camp RD
Swillup			,,,,,,,	140ft upstream of HWY 96 Bridge	08/05/15	2.6		Happy Camp RD
Swillup				140ft upstream of HWY 96 Bridge	06/15/15	5.4	NO	Happy Camp RD
Swillup				100ft upstream of HWY 96 Bridge	09/22/14	2.4	NO	Happy Camp RD
Swillup				100ft upstream of HWY 96 Bridge	09/01/14	3.2		Happy Camp RD
Swillup				100ft upstream of HWY 96 Bridge	07/02/14	6.3	NO	Happy Camp RD
Swillup				100ft upstream of HWY 96 Bridge	11/01/13	3.5	NO	Happy Camp RD
Swillup				200ft upstream of HWY 96 Bridge	07/23/13	5.4		Happy Camp RD
Swillup				130ft upstream of HWY 96 Bridge	07/01/13	8.4	NO	Happy Camp RD
Swillup				150ft upstream of mouth	09/04/12	5.8		Happy Camp RD
Swillup				150ft upstream of mouth	07/18/12	9.1	NO	Happy Camp RD
Swillup				150ft upstream of mouth	06/25/12	12.7		Happy Camp RD
Swillup				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		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
Swillup				Below hwy 96 bridge	07/05/11	13.1	NO	Karuk Tribe
Swillup				Below hwy 96 bridge	06/15/11	22.3	NO	Karuk Tribe
Swillup				1ft 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

		AT STREAM		(1990 to 2010 Estimates)	DATE	MEASURED 4		DATA
STREAM	Tributary to	MILE 1	ACRES 2	DATA SAMPLING LOCATION 3	SURVEYED		РНОТО	COLLECTOR
		MILL			OOKVETED	FLOW (CIS)		COLLECTOR
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				180 ft. upstream of Hwy. 96 bridge	08/04/08	7.2	NO	Karuk Tribe
Swillup				180 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				180 ft. upstream of Hwy. 96 bridge	08/10/07	7.1	NO	Karuk Tribe
Swillup				180 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				180 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				180 ft. upstream of Hwy. 96 bridge	08/09/06	7.6	NO	Karuk Tribe
Swillup				180 ft. upstream of Hwy. 96 bridge	07/12/06	12.8		Karuk Tribe
Swillup				400 ft upstream from hwy 96 bridge	06/23/06	15.6		Happy Camp RD
Swillup				180 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				180' above Hwy 96 bridge	09/28/05	6.0	NO	Karuk Tribe
Swillup				180' above Hwy 96 bridge	08/09/05	7.7	NO	Karuk Tribe
Swillup				180' above Hwy 96 bridge	06/30/05	16.0	NO	Karuk Tribe
Swillup				180' 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				180' above Hwy 96 bridge	09/07/04	3.1	NO	Karuk Tribe
Swillup				180' above Hwy 96 bridge	08/03/04	6.4	NO	Karuk Tribe

DATE **MEASURED AT STREAM** DATA **STREAM** Tributary to ACRES² PHOTO DATA SAMPLING LOCATION 3 MILE 1 **SURVEYED** FLOW (cfs) **COLLECTOR** Swillup 180' above Hwy 96 bridge Karuk Tribe 07/13/04 10.3 NO 11.9 Swillup 180' above Hwy 96 bridge 06/14/04 NO Karuk Tribe Swillup Above Hwy 96 bridge Happy Camp RD 09/25/03 3.8 Swillup 180' above Hwy 96 bridge 09/08/03 6.3 NO Karuk Tribe Happy Camp RD Swillup Above Hwy 96 bridge 09/19/02 3.3 180' above Hwy 96 bridge Swillup 09/08/02 3.8 NO Karuk Tribe Swillup 180' above Hwy 96 bridge 07/10/02 10.6 NO Karuk Tribe Swillup Under Hwy 96 bridge 2.4 YES 09/04/01 Happy Camp RD Above Hwy 96 bridge 3.5 Swillup 09/21/00 Happy Camp RD Happy Camp RD Klamath R. 89.1 20ft upstream Hwy 96 culvert 09/15/15 NO Coon 2,825 0.7 Happy Camp RD 20ft upstream Hwy 96 culvert 08/05/15 8.0 NO Coon 20ft upstream Hwy 96 culvert 06/16/15 2.0 NO Happy Camp RD Coon 09/22/14 0.5 NO Happy Camp RD Coon 20ft upstream Hwy 96 culvert Coon 20ft upstream Hwy 96 culvert 09/01/14 0.6 NO Happy Camp RD Coon 20ft upstream Hwy 96 culvert 07/02/14 1.5 NO Happy Camp RD Coon 20ft upstream Hwy 96 culvert 02/05/14 Happy Camp RD 1.1 NO 20ftupstream Hwy 96 culvert 07/22/13 1.2 NO Happy Camp RD Coon 20ft upstream Hwy 96 culvert 2.2 Happy Camp RD 07/01/13 NO Coon Coon 20m upstream Hwy 96 culvert 09/04/12 0.7 YES Happy Camp RD Coon 20m upstream Hwy 96 culvert 07/18/12 4.9 YES Happy Camp RD Karuk Tribe Coon Track on left of creek up from Hwy. 96 08/10/12 1.4 NO Coon Karuk Tribe Track on left of creek up from Hwy. 96 06/18/12 3.8 NO Coon 20m upstream Hwy 96 culvert 09/21/11 1.4 YES Happy Camp RD Track on left of creek up from Hwy. 96 Coon 08/31/11 1.0 NO Karuk Tribe Track on left of creek up from Hwy. 96 Coon 07/29/11 2.5 NO Karuk Tribe 12m upstream Hwy 96 culvert Coon 07/18/11 3.0 NO Happy Camp RD Coon Track on left of creek up from Hwy. 96 07/05/11 1.4 Karuk Tribe

	(1930 to 2010 Estilliates)									
STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	рното	DATA COLLECTOR		
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	08/04/08	1.5	NO	Karuk Tribe		
Coon				Track on left of creek up from Hwy. 96, tailout of	06/26/08	2.9	NO	Karuk Tribe		
Coon				Track on left of creek up from Hwy. 96, tailout of	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	09/06/06	0.9	NO	Karuk Tribe		
Coon				Track on left of creek up from Hwy. 96, tailout of	08/09/06	1.8	NO	Karuk Tribe		
Coon				Track on left of creek up from Hwy. 96, tailout of	07/12/06	2.5	NO	Karuk Tribe		
Coon				Track on left of creek up from Hwy. 96, tailout of	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		

070544		AT STREAM		(1000 to 2010 Estimates)	DATE	MEASURED 4	DUCTO	DATA
STREAM	Tributary to	MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	SURVEYED		РНОТО	COLLECTOR
						1 LOW (013)		OCCEDION
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		Happy Camp RD
Coon				Above Hwy 96 culvert	09/21/00	1.2	-	Happy Camp RD
				,				
Wyman Gulch	Klamath R.	89.8		15 ft downstream of waterfalls	07/23/13	0.3	NO	Happy Camp RD
Wyman Gulch				15 ft downstream of waterfalls	07/01/13	0.5	NO	Happy Camp RD
Wyman Gulch				1ft 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				Base of waterfall	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
Wyman Gulch				8ft above Hwy 96 culvert	09/29/04	0.3	-	Happy Camp RD
Ukonom	Klamath R.	89.9	20,965	Tailout of pool approx. 200 ft. up from mouth	05/28/15	44.2	NO	Happy Camp RD
Ukonom				Tailout of pool approx. 200 ft. up from mouth	09/08/14	27.4	NO	Happy Camp RD
Ukonom				Tailout of pool approx. 200 ft. up from mouth	06/11/14	36.0	NO	Happy Camp RD
Ukonom				Tailout of pool approx. 200 ft. up from mouth	10/30/13	24.2	NO	Happy Camp RD
Ukonom				Tailout of pool approx. 200 ft. up from mouth	06/26/13	91.0	NO	Happy Camp RD
Ukonom				Tailout of pool approx. 200 ft. up from mouth	09/26/12 06/28/12	31.6 76.9		Happy Camp RD
Ukonom Ukonom				Tailout of pool approx. 200 ft. up from mouth 200 yrds above mouth under big alders on right	08/23/12	32.7	NO NO	Happy Camp RD Karuk Tribe
Ukonom				201 yrds above mouth under big alders on right	06/23/12	74.7	NO	Karuk Tribe
Ukonom				200 yrds above mouth under big alders on right	08/12/11	61.6		Karuk Tribe
Ukonom				Pool tailout 200' above mouth	10/01/10	42.0	NO	Happy Camp RD
Ukonom				200 yrds above mouth under big alders on right	08/05/10	56.6	NO	Karuk Tribe
Ukonom				200 yrds 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 yrds above mouth under big alders on right	07/29/09	29.1	NO	Karuk Tribe
				200 yrdo abovo iniodiri dridor big aldoro ori fight	01120100	20.1	110	Raidk Hibc

DATE **MEASURED AT STREAM DATA Tributary to STREAM** ACRES² PHOTO DATA SAMPLING LOCATION 3 MILE 1 **SURVEYED** FLOW (cfs) **COLLECTOR** Ukonom Pool tailout 200' above mouth Karuk Tribe 07/14/08 41.1 NO 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 Karuk Tribe NO Ukonom Pool tailout 200' above mouth 06/28/06 68.0 NO Karuk Tribe Ukonom Pool tailout 200' above mouth 30.0 08/31/05 Karuk Tribe Ukonom 07/29/05 38.5 Pool tailout 200' above mouth 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 33.3 08/24/04 Karuk Tribe Ukonom 200' above mouth 44.2 07/15/04 Karuk Tribe Ukonom Pool tailout 200' above mouth 09/04/02 22.9 Karuk Tribe Pool tailout 200' above mouth Ukonom 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 Klamath R. 90.6 3.648 110ft upstream of 2014 site 05/28/15 NO Happy Camp RD 2.4 200ft upstream of mouth NO Kings Happy Camp RD 09/08/14 0.4 **Kings** 200ft upstream of mouth NO 1.3 Happy Camp RD 06/11/14 200ft upstream of mouth NO **Kings** Happy Camp RD 10/30/13 0.7 200ft upstream of mouth NO **Kings** 06/26/13 2.6 Happy Camp RD 200ft upstream of mouth NO Kings 09/26/12 8.0 Happy Camp RD 1200ft upstream of mouth YES Happy Camp RD Kings 06/28/12 2.3 Karuk Tribe Kings 100 ft above mouth 08/23/12 0.9 NO

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and Klamath and Six Rivers National Forests

(1996 to 2016 Estimates)

	(1990 to 2010 Estillates)									
STREAM	Tributary to	AT STREAM MILE 1	ACRES 2	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR		
	_									
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		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 300 feet up from mouth	09/24/02 06/27/02	0.4 1.2	NO NO	Karuk Tribe Karuk Tribe		
Kings				300 feet up from mount	06/27/02	1.2	NO	Natuk Tibe		
Un-named	Viemeth D	91		14m upstream Hwy 96 culvert, above intake	09/07/10	0.1	_	Happy Camp RD		
Un-named	Klamath R.	97		20ft above Hwy 96 culvert	09/07/10	0.1	_	Happy Camp RD		
Un-named				20ft above Hwy 96 culvert	10/04/05	0.1	-	Happy Camp RD		
on namea				Zon above nwy do daiven	10/04/03	0.1		парру бапр КБ		
Un-Named	Klamath R.	91.5		6m downstream private rd. culvert, 14m upstream	09/07/10	0.1	-	Happy Camp RD		
Un-Named	Maniaui N.	31.0		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		
				,				117 - 1		
Crawford	Klamath R.	93.3	8,353	1ft upstream Hwy 96 culvert	09/15/15	0.3	NO	Happy Camp RD		
	1	ı	. ′ -	,	,					

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
Crawford	(Siskiyou Co)			1ft upstream Hwy 96 culvert	08/05/15	0.3		Happy Camp RD
Crawford				1ft upstream Hwy 96 culvert	06/16/15	0.7		Happy Camp RD
Crawford				2ft upstream Hwy 96 culvert	09/22/14	0.7	NO	Happy Camp RD
Crawford				2ft upstream Hwy 96 culvert	09/22/14	0.2	NO	Happy Camp RD
Crawford				200 ft upstream of hwy 96	09/04/14	0.3	NO	Happy Camp RD
Crawford				2ft upstream Hwy 96 culvert	09/01/14	0.3	NO	Happy Camp RD
Crawford				200' upstream of hwy 96 culvert	08/04/14	0.8	NO	Happy Camp RD
Crawford				100' upstream of hwy 96 culvert	06/30/14	0.9	NO	Happy Camp RD
Crawford				2ft upstream Hwy 96 culvert	07/22/13	0.6	NO	Happy Camp RD
Crawford				2ft upstream Hwy 96 culvert	07/01/13	1.0		Happy Camp RD
Crawford				1m upstream Hwy 96 culvert	09/05/12	0.6	YES	Happy Camp RD
Crawford				1m upstream Hwy 96 culvert	09/21/11	0.8	YES	Happy Camp RD
Crawford				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
					00/45/45	2.2	NO	0 55
Independence	Klamath R.	94	11,511	Tail out of Temp Gauge Pool	09/15/15	8.0	NO	Happy Camp RD

	(1990 to 2010 Estimates)									
CTDEAM	Tributory to	AT STREAM	4 ODEC 2	DATA CAMPUNIC LOCATION 3	DATE	MEASURED 4	РНОТО	DATA		
STREAM	Tributary to	MILE 1	ACRES 2	DATA SAMPLING LOCATION ³	SURVEYED	FLOW (cfs)	PHOTO	COLLECTOR		
						(0.0)				
Independence				Tail out of Temp Gauge Pool	08/05/15	7.6	NO	Happy Camp RD		
Independence				Tail out of Temp Gauge Pool	06/16/15	10.7	NO	Happy Camp RD		
Independence				end of trail, upstream 10'	09/22/14	7.7	NO	Happy Camp RD		
Independence				end of trail, upstream 10'	09/01/14	7.7	NO	Happy Camp RD		
Independence				end of trail, upstream 10'	07/02/14	9.1	NO	Happy Camp RD		
Independence				end of trail, upstream 10'	02/05/14	8.3	NO	Happy Camp RD		
Independence				end of trail, upstream 10'	11/04/13	9.8	NO	Happy Camp RD		
Independence				end of trail, upstream 10'	07/22/13	13.1	NO	Happy Camp RD		
Independence				end of trail, upstream 10'	07/01/13	15.8	NO	Happy Camp RD		
Independence				end of trail, upstream 10'	09/05/12	14.2	NO	Happy Camp RD		
Independence				end of trail, upstream 10'	07/18/12	22.3	NO	Happy Camp RD		
Independence				Down trail to left of cabin, 20 yrds downstream	08/10/12	15.6	NO	Karuk Tribe		
Independence				Down trail to left of cabin, 20 yrds downstream	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 yrds downstream	08/31/11	18.6	NO	Karuk Tribe		
Independence				Down trail to left of cabin, 20 yrds downstream	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 yrds downstream	07/05/11	45.5	NO	Karuk Tribe		
Independence				Down trail to left of cabin, 20 yrds downstream	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 yrds downstream	08/09/10	24.0	NO	Karuk Tribe		
Independence				Down trail to left of cabin, 20 yrds downstream	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 yrds downstream from		11.5	NO	Karuk Tribe		
Independence				down trail to left of cabin, 20 yrds 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		

(1990 to 2010 Estimates)									
STREAM	Tributory to	AT STREAM	ACDEC 2	DATA CAMPI INO LOCATION 3	DATE	MEASURED 4	РНОТО	DATA	
SIKEAW	Tributary to	MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	SURVEYED	FLOW (cfs)		COLLECTOR	
						(010)			
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	
Independence				Upstream from temp gauge	07/09/07	15.8	NO	Happy Camp RD	
Independence				265 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				265 ft. above beginning of alder line	09/06/06	13.7	NO	Karuk Tribe	
Independence				Next to tribes temp gauge	07/19/06	27.3	NO	Happy Camp RD	
Independence				265 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				265 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				260' 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				260' above start of alder line	08/29/05	11.2	NO	Karuk Tribe	
Independence				260' 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				260' above start of alder line	08/03/04	15.1	NO	Karuk Tribe	
Independence				260' above start of alder line	07/13/04	17.9	NO	Karuk Tribe	
Independence				260' 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				260' 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				260' above start of alder line	09/18/02	8.4	NO	Karuk Tribe	
Independence				260' 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	

(1996 to	2016	Estimates)	
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(1996 to 2016 Estimates)									
STREAM	Tributary to	AT STREAM	ACRES ²	DATA SAMPLING LOCATION 3	DATE	MEASURED 4	РНОТО	DATA	
OTKLAN	Tributary to	MILE 1	ACKES	DATA SAMPLING LOCATION	SURVEYED	FLOW (cfs)		COLLECTOR	
						, ,			
Titus	Klamath R.	95.4	5,549	20ft upstream of old cabin	09/15/15	2.4	-	Happy Camp RD	
Titus			,,,,,,	20ft upstream of old cabin	08/12/15	2.6		Happy Camp RD	
Titus				20ft upstream of old cabin	06/16/15	3.2		Happy Camp RD	
Titus				20ft upstream of old cabin	09/22/14	1.6	-	Happy Camp RD	
Titus				20ft upstream of old cabin	09/01/14	1.5		Happy Camp RD	
Titus				directly across from old cabin	07/02/14	2.1	-	Happy Camp RD	
Titus				directly across from old cabin	11/04/13	3.0	-	Happy Camp RD	
Titus				directly across from old cabin	07/02/13	4.3	-	Happy Camp RD	
Titus				65 feet upstream from mouth (braided confluence)	09/26/12	4.3	-	Happy Camp RD	
Titus				65 feet upstream from mouth (braided confluence)	09/26/12	2.4	-	Happy Camp RD	
Titus				65 feet upstream from mouth (braided confluence)	06/28/12	7.5	-	Happy Camp RD	
Titus				60 yrds above mouth	08/23/12	4.0	NO	Karuk Tribe	
Titus				60 yrds above mouth	06/27/12	6.9		Karuk Tribe	
Titus				60 yrds above mouth	08/31/11	5.2	NO	Karuk Tribe	
Titus				60 yrds 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 yrds 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 yrds above mouth	07/29/09	3.3	NO	Karuk Tribe	
Titus				130 feet upstream from mouth	07/14/08	3.9		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		Karuk Tribe	
Titus				130 feet upstream from mouth	08/31/05	1.9		Karuk Tribe	
Titus				130 feet upstream from mouth	07/29/05	2.7		Karuk Tribe	
Titus				130 feet upstream from mouth	06/24/05	5.7		Karuk Tribe	
Titus				130 feet upstream from mouth	09/23/04	3.0		Karuk Tribe	
Titus				130 feet upstream from mouth	08/25/04	3.9		Karuk Tribe	
Titus				130 feet upstream from mouth	07/15/04	4.3	NO	Karuk Tribe	

DATE **MEASURED AT STREAM** DATA **STREAM** Tributary to ACRES² PHOTO DATA SAMPLING LOCATION 3 MILE 1 **SURVEYED** FLOW (cfs) **COLLECTOR** Douglas Happy Camp RD 7m upstream Hwy 96 culvert 98.6 8.353 09/07/10 0.2 Klamath R. 20' upstream from hwy 96 Happy Camp RD Douglas 09/14/06 0.1 **Douglas** 15' above Hwy 96 culvert Happy Camp RD 10/04/05 0.1 Douglas 15' above Hwv 96 culvert 09/30/04 0.1 Happy Camp RD Clear Happy Camp RD At Hwy 96 bridge 09/16/15 32.5 NO Klamath R. 98.7 71.308 Clear 7ft upstream of Hwy96 bridge Happy Camp RD 06/22/15 58.4 NO Clear 40 ftdownstream edge Hwy96 09/22/14 23.5 NO Happy Camp RD 40 ftdownstream edge Hwy96 Happy Camp RD 09/03/14 24.1 NO Clear Under Hwy96 bridge 07/01/14 76.0 NO Happy Camp RD Clear 190.6 Happy Camp RD Clear Under Hwy96 bridge 05/21/14 NO Downstream 40ft from Hwy 96 bridge 02/05/14 99.3 NO Happy Camp RD Clear UNDER Hwy 96 bridge 28.2 NO Happy Camp RD Clear 11/01/13 downstream 40 ft from Hwy 96 bridge Clear 07/22/13 47.4 NO Happy Camp RD Clear upstream edge Hwy96 bridge 07/02/13 98.7 NO Happy Camp RD Clear YES Happy Camp RD downstream edge Hwy96 bridge 09/05/12 42.6 downstream edge Hwy96 bridge 07/18/12 97.9 YES Happy Camp RD Clear Happy Camp RD 06/21/12 160.3 YES downstream edge Hwv96 bridge Clear Happy Camp RD Downstream edge Hwy 96 bridge 09/29/11 49.2 YES Clear Clear Downstream edge Hwy 96 bridge 07/21/11 152.2 NO Happy Camp RD Happy Camp RD Clear Downstream edge Hwy 96 bridge 09/07/10 47.4 Happy Camp RD Clear Downstream edge Hwy 96 bridge 06/29/10 286.9 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 Happy Camp RD Clear 5 ft downstream from bridge 12/11/08 84.5 NO Clear 5 ft downstream from bridge 09/24/08 41.2 NO Happy Camp RD Happy Camp RD Clear 5 ft downstream from bridge 08/19/08 52.5 NO Clear 5 ft downstream from bridge 07/23/08 166.0 NO Happy Camp RD Clear 5 ft downstream from bridge 227.3 Happy Camp RD 06/24/08 NO 100ft downstream of private bridge Clear 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 Happy Camp RD

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
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	-	Happy Camp RD
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	Klamath R.	99.4	992	200 ft upstream Hwy 96 culvert	07/02/13	0.7	NO	Happy Camp RD
Wingate				200 ft upstream Hwy 96 culvert	09/05/12	0.5		Happy Camp RD
Wingate				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		Happy Camp RD
Wingate				50' upstream from bridge	09/12/06	0.2	NO	Happy Camp RD
Wingate				Up at Bridge on Clear Creek Rd	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	Klamath R.	100.3	5,633	80ft upstream Hwy 96 bridge	09/16/15	1.8	NO	Happy Camp RD

		AT CTDE AM		(1990 to 2010 Estimates)	DATE	MEACURED 4		DATA
STREAM	Tributary to	AT STREAM	ACRES 2	DATA SAMPLING LOCATION 3		MEASURED 4	РНОТО	DATA
		MILE 1			SURVEYED	FLOW (cfs)		COLLECTOR
Oak Flat				200 ft upstream Hwy 96 bridge	08/12/15	1.3		Happy Camp RD
Oak Flat				200 ft upstream Hwy 96 bridge	06/29/15	2.9		Happy Camp RD
Oak Flat				200 ft upstream Hwy 96 bridge	09/22/14	0.7		Happy Camp RD
Oak Flat				200 ft upstream Hwy 96 bridge	09/03/14	0.8		Happy Camp RD
Oak Flat				200 ft upstream Hwy 96 bridge	07/01/14	2.1		Happy Camp RD
Oak Flat				200 ft upstream Hwy 96 bridge	02/05/14	2.1		Happy Camp RD
Oak Flat				200 ft upstream Hwy 96 bridge	11/01/13	1.9		Happy Camp RD
Oak Flat				200 ft upstream Hwy 96 bridge	07/23/13	2.6		Happy Camp RD
Oak Flat				200 ft_upstream Hwy 96 bridge	07/02/13	3.7		Happy Camp RD
Oak Flat				200 ft_upstream Hwy 96 bridge	09/05/12	2.0		Happy Camp RD
Oak Flat				89 ft. upstream of Hwy. 96 bridge.	08/13/12	2.0		Karuk Tribe
Oak Flat				89 ft. upstream of Hwy. 96 bridge.	06/18/12	5.2		Karuk Tribe
Oak Flat				Just downstream Hwy 96 bridge	09/21/11	2.1		Happy Camp RD
Oak Flat				89 ft. upstream of Hwy. 96 bridge.	08/01/11	4.5		Karuk Tribe
Oak Flat				89 ft. upstream of Hwy. 96 bridge.	06/15/11	9.9		Karuk Tribe
Oak Flat				6m upstream Hwy 96 bridge	09/09/10	2.3		Happy Camp RD
Oak Flat				89 ft. upstream of Hwy. 96 bridge.	08/09/10	3.3		Karuk Tribe
Oak Flat				89 ft. upstream of Hwy. 96 bridge.	07/20/10	4.2		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		Karuk Tribe
Oak Flat				89 ft. upstream of Hwy. 96 bridge.	07/06/09	2.9		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		Karuk Tribe
Oak Flat				89 ft. upstream of Hwy. 96 bridge.	06/26/08	8.2		Karuk Tribe
Oak Flat				89 ft. upstream of Hwy. 96 bridge.	08/09/07	1.1		Karuk Tribe
Oak Flat				89 ft. upstream of Hwy. 96 bridge.	06/28/07	3.4		Karuk Tribe
Oak Flat				20' upstream from bridge	10/13/06	1.5		Happy Camp RD
Oak Flat				20' upstream from bridge	09/12/06	1.6		Happy Camp RD
Oak Flat				89 ft. upstream of Hwy. 96 bridge.	09/07/06	1.2		Karuk Tribe
Oak Flat				89 ft. upstream of Hwy. 96 bridge.	08/09/06	2.6		Karuk Tribe
Oak Flat				89 ft. upstream of Hwy. 96 bridge.	07/12/06	4.8	NO	Karuk Tribe

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and **Klamath and Six Rivers National Forests**

(1996 to 2016 Estimates)

STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
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				90' above Hwy 96 bridge	09/28/05	1.7	NO	Karuk Tribe
Oak Flat				90' above Hwy 96 bridge	08/17/05	1.5	NO	Karuk Tribe
Oak Flat				90' above Hwy 96 bridge	07/18/05	4.3	NO	Karuk Tribe
Oak Flat				90' 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				90' above Hwy 96 bridge	09/13/04	1.2	NO	Karuk Tribe
Oak Flat				90' above Hwy 96 bridge	08/03/04	1.7		Karuk Tribe
Oak Flat				90' above Hwy 96 bridge	07/13/04	2.0		Karuk Tribe
Oak Flat				90' above Hwy 96 bridge	06/14/04	3.8		Karuk Tribe
Oak Flat				Under Hwy 96 bridge	09/30/03	1.8		Happy Camp RD
Oak Flat				90' above Hwy 96 bridge	09/22/03	1.8		Karuk Tribe
Oak Flat				90' above Hwy 96 bridge	09/18/02	1.3		Karuk Tribe
Oak Flat				90' above Hwy 96 bridge	07/15/02	3.2		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		Happy Camp RD
Oak Flat				above Hwy 96 bridge	09/20/00	1.6	-	Happy Camp RD
Doolittle	Klamath R.	101.8		12m upstream Hwy 96	09/09/10	0.4		Happy Camp RD
Doolittle	Mamati N.	101.0		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
				,	,			117
Elk	Klamath R.	105.5	60,764	100 ft downstream of Curly Jack Bridge	09/16/15	27.3	NO	Happy Camp RD
Elk				170 ft downstream of Curly Jack Bridge	08/10/15	26.7	NO	Happy Camp RD
Elk				120 ft downstream of Curly Jack Bridge	06/22/15	43.2	NO	Happy Camp RD
Elk				100 ft downstream of Curly Jack Bridge	09/22/14	15.3	NO	Happy Camp RD
Elk				100 ft downstream of Curly Jack Bridge	09/03/14	18.7		Happy Camp RD
EIK				100 ft downstream of Curly Jack Bridge	07/01/14	29.7		Happy Camp RD
Elk				100 ft downstream of Curly Jack Bridge	05/21/14	91.5		Happy Camp RD

CTDEAM	Tributomate	AT STREAM	400502	DATA CAMPUNIC I COATION 3	DATE	MEASURED 4	РНОТО	DATA
STREAM	Tributary to	MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	SURVEYED		PHOTO	COLLECTOR
						(610)		
Elk				100 ft downstream of Curly Jack Bridge	02/05/14	38.0	NO	Happy Camp RD
Elk				100 ft downstream of Curly Jack Bridge	11/01/13	15.3		Happy Camp RD
Elk				200ft. downstream of bridge	07/23/13	36.6		Happy Camp RD
Elk				200ft. downstream of bridge	06/26/13	92.8		Happy Camp RD
Elk				200ft. downstream of bridge	09/17/12	28.8		Happy Camp RD
Elk				200ft. downstream of bridge	07/20/12	61.8		Happy Camp RD
Elk				200ft. downstream of bridge	06/26/12	126.3		Happy Camp RD
Elk Elk				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		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		Karuk Tribe
Elk				25 yards below curly jack rd bridge	07/21/10	96.5		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		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		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		Happy Camp RD
Elk				400 ft upstream from mouth	08/28/08	32.3		Happy Camp RD
Elk				Above bridge	08/04/08	41.1		Karuk Tribe
Elk				400 ft upstream from mouth	07/23/08	48.0	NO	Happy Camp RD

DATE **MEASURED AT STREAM DATA** Tributary to ACRES² PHOTO STREAM DATA SAMPLING LOCATION 3 MILE 1 **SURVEYED** FLOW (cfs) **COLLECTOR** Elk Above bridge Karuk Tribe 06/26/08 161.1 400 ft upstream from mouth Happy Camp RD Elk 06/24/08 140.1 NO Elk 300 ft upstream of mouth 08/29/07 Happy Camp RD 28.8 NO EIK Above bridge 07/20/07 50.6 NO Karuk Tribe EIK 300 ft upstream of mouth 07/10/07 41.1 NO Happy Camp RD Happy Camp RD 300 ft upstream of mouth 07/03/07 56.2 EIK NO Elk Above bridge 07/06/07 NO Karuk Tribe 46.3 150 ft upstream from mouth Happy Camp RD 30.7 Elk 10/13/06 NO EIk Above bridge 09/26/06 25.1 NO Karuk Tribe EIK 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 500' from mouth Elk 07/19/06 70.8 NO Happy Camp RD Above bridge Elk 07/13/06 71.3 NO Karuk Tribe Happy Camp RD Elk 80' upstream of mouth 06/22/06 156.7 NO EIk Above bridge 06/19/06 181.3 NO Karuk Tribe 292.2 Happy Camp RD EIK 50' upstream of mouth 06/07/06 NO Near mouth, under Elk Ck bridge Elk 10/14/05 22.6 Happy Camp RD Elk Near mouth, under Elk Ck bridge 09/28/05 28.9 NO Karuk Tribe EIK Near mouth, under Elk Ck bridge 09/13/05 32.4 Happy Camp RD EIK 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 Near mouth, under Elk Ck bridge 07/18/05 58.3 Elk NO Karuk Tribe Near mouth, under Elk Ck bridge 07/11/05 82.1 EIK Happy Camp RD Elk Near mouth, under Elk Ck bridge 168.4 06/16/05 NO Karuk Tribe Happy Camp RD EIK Near mouth, under Elk Ck bridge 06/15/05 174.6 Near mouth, under Elk Ck bridge Happy Camp RD EIK 10/08/04 27.9 Near mouth, under Elk Ck bridge EIk 09/17/04 24.6 Happy Camp RD -Elk Near mouth, 100' below bridge 09/13/04 27.4 NO Karuk Tribe Near mouth, 100' below bridge 32.9 EIk 08/10/04 NO Karuk Tribe Elk Near mouth, 100' below bridge 07/19/04 53.9 NO Karuk Tribe Elk 128.5 Near mouth, 100' below bridge 06/14/04 Karuk Tribe

DATE **MEASURED AT STREAM** DATA ACRES² PHOTO STREAM Tributary to DATA SAMPLING LOCATION 3 MILE 1 **SURVEYED** FLOW (cfs) **COLLECTOR** Elk Happy Camp RD Near mouth, near Elk Ck Bridge 09/23/03 28.7 EIK 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 EIK 60' above bridge 07/15/02 58.4 NO Karuk Tribe Elk 300'up from mouth, under bridge 09/05/01 YES Happy Camp RD 11.5 EIK Near mouth, near bridge 09/20/00 Happy Camp RD 41.5 Elk Near mouth, 150' down from bridge 35.2 09/02/97 YES Happy Camp RD EIK 1st run from mouth 08/27/96 39.0 Happy Camp RD Under hwy 96 bridge Happy Camp RD 09/16/15 1.5 Little Grider Klamath R. 105.9 5.288 Happy Camp RD Under hwy 96 bridge 08/12/15 1.3 NO Little Grider 20 ft above hwy 96 bridge 06/22/15 2.1 NO Happy Camp RD Little Grider Little Grider NO Happy Camp RD 20 ft above hwy 96 bridge 09/22/14 0.7 Little Grider 08/28/14 0.9 Happy Camp RD 20 ft above hwy 96 bridge NO Little Grider 20 ft above hwy 96 bridge 07/01/14 1.6 NO Happy Camp RD Little Grider 02/05/14 1.7 Happy Camp RD 20 ft above hwy 96 bridge NO Little Grider

		AT STREAM		(1990 to 2010 Estimates)	DATE	MEASURED 4		DATA
STREAM	Tributary to	MILE 1	ACRES 2	DATA SAMPLING LOCATION 3	SURVEYED		РНОТО	
		IVIILE			SURVETED	FLOW (cfs)		COLLECTOR
Little Oniden				457 (c (1) 001 11 c.	00/05/00	0.4	NO	V 1 7 9
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	- NO	Happy Camp RD
Little Grider				157 ft. upstream of Hwy 96 bridge	07/06/09	2.7	NO	Karuk Tribe
Little Grider Little Grider				Directly under Hwy96 Bridge 157 ft. upstream of Hwy 96 bridge	09/25/08	1.1	NO	Happy Camp RD
Little Grider Little Grider				157 ft. upstream of Hwy 96 bridge	08/04/08	2.8		Karuk Tribe
					06/26/08	7.9	NO	Karuk Tribe
Little Grider Little Grider				157 ft. upstream of Hwy 96 bridge 157 ft. upstream of Hwy 96 bridge	07/20/07	2.2 3.8	NO NO	Karuk Tribe Karuk Tribe
Little Grider				10 ft upstream from bridge			NO	
				·	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		Karuk Tribe
Little Grider				157 ft. upstream of Hwy 96 bridge	08/10/06	2.9		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		Karuk Tribe
Little Grider				100 apolicalli of riwy 90	07/13/02	۷.۱	INO	Natur Tibe
Indian	Klamath R.	107	86,241	80 ft downstream of HWY 96 Bridge	09/16/15	32.0	NO	Happy Camp RD
Indian	. Janaan K.	""	30,271	150 ft downstream of HWY 96 Bridge	08/10/15	29.2		Happy Camp RD

STREAM	Tributary to	AT STREAM	ACRES ²	DATA SAMPLING LOCATION 3	DATE	MEASURED 4	РНОТО	DATA
SIKEAW	Tributary to	MILE 1	ACRES -	DATA SAMPLING LOCATION ³	SURVEYED	FLOW (cfs)	FROID	COLLECTOR
						, , ,		
Indian				100 ft upstream from mouth	06/26/15	51.4	NO	Happy Camp RD
Indian				30 ft downstream of HWY 96 Bridge	06/22/15	53.9		Happy Camp RD
Indian				30 ft downstream of HWY 96 Bridge	09/22/14	23.2		Happy Camp RD
Indian				160 ft above mouth	09/03/14	23.3	NO	Happy Camp RD
Indian				140 ft above mouth	07/01/14	60.9	NO	Happy Camp RD
Indian				120 ft above mouth	05/21/14	128.2	NO	Happy Camp RD
Indian				120 ft above mouth	02/05/14	58.3	NO	Happy Camp RD
Indian				120ft upstream of mouth	11/01/13	46.1	NO	Happy Camp RD
Indian				50ft downstream of Hwy 96 Bridge	07/16/13	64.8		Happy Camp RD
Indian				100ft upstream of mouth	06/26/13	132.5		Happy Camp RD
Indian				100ft upstream of mouth	09/05/12	53.7		Happy Camp RD
Indian				100ft upstream of mouth	07/18/12	117.9		Happy Camp RD
Indian				100ft upstream of mouth	06/26/12	192.4		Happy Camp RD
Indian				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		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		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

STREAM	Tributary to	AT STREAM	ACRES ²	DATA SAMPLING LOCATION ³	DATE	MEASURED 4	РНОТО	DATA
	, , , , , , , , , , , , , , , , , , , ,	MILE 1	MORES	BATA GAMIL ENTO LOGATION	SURVEYED	FLOW (cfs)		COLLECTOR
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		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		Karuk Tribe
Indian				200' above mouth	08/24/06	58.8		Happy Camp RD
Indian				28 ft. upstream of 2nd Ave. bridge	08/10/06	81.2		Karuk Tribe
Indian				300 ' from mouth	07/19/06	137.9		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	08/16/05	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

Mid-Klamath Tributary Streamflow Data collected by the Karuk Tribe, and Klamath and Six Rivers National Forests

(1996 to 2016 Estimates)

				(1996 to 2016 Estimates)				
STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
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				30' above 2nd ave bridge	09/22/03	43.9	-	Karuk Tribe
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	Indian Cr.	7.9	11,761	EF Indian Ck - 400' above mouth	08/26/96	12.0	-	Happy Camp RD
South Fork	Indian Cr.	7.9	31,812	SF Indian Ck - 700' from mouth	08/27/96	15.5	-	Happy Camp RD
Westbranch	Indian Cr.	12.6	5365	West Branch Indian Ck above mouth	08/26/96	11.4	-	Happy Camp RD
Cade	Klamath R.	109.4	2,870	60ft upstream Hwy 96 culvert	09/16/15	0.3		Happy Camp RD
Cade				60ft upstream Hwy 96 culvert	08/11/15	0.1		Happy Camp RD
Cade				60ft upstream Hwy 96 culvert	06/22/15	0.4		Happy Camp RD
Cade				40ft upstream Hwy 96 culvert	08/28/14	0.2		Happy Camp RD
Cade				40ft upstream Hwy 96 culvert	07/10/14	0.3		Happy Camp RD
Cade				45ft upstream Hwy 96 culvert	11/01/13	0.6		Happy Camp RD
Cade				45ft upstream Hwy 96 culvert	07/16/13	0.3	NO	Happy Camp RD
Cade				45ft upstream Hwy 96 culvert	07/03/13	0.9	NO	Happy Camp RD

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
Cade				24ft upstream Hwy 96 culvert	09/17/12	0.3		Happy Camp RD
Cade				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		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

		AT STREAM			DATE	MEASURED 4		DATA
STREAM	Tributary to	MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	SURVEYED	FLOW (cfs)	РНОТО	COLLECTOR
						1 LOW (CIS)		OOLLEGION
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	09/22/03	0.7		Karuk Tribe
Caue				76 upstream nom riwy 90 curvent	07/10/02	0.0	-	Natuk Tibe
/l :44lo\ llovoo			0.700	40 ft decree to a constant and builded	00/40/45	0.5	NO	Hammu Caman DD
(Little) Horse	Klamath R.	114.3	2,539	10 ft downstream of china grade rd bridge	09/16/15	0.5		Happy Camp RD
(Little) Horse	(near Happy Ca	<i>imp)</i> I		10 ft downstream of china grade rd bridge	08/10/15	0.5		Happy Camp RD
(Little) Horse				10 ft downstream of china grade rd bridge	07/14/15	0.6		Happy Camp RD
(Little) Horse				8ft upstream of china grade rd bridge	07/09/14	0.2		Happy Camp RD
(Little) Horse				100ft upstream of China Grade Rd. Bridge	08/07/13	0.5		Happy Camp RD
(Little) Horse				100ft upstream of China Grade Rd. Bridge	07/02/13	1.0		Happy Camp RD
(Little) Horse				150ft upstream of China Grade Rd. Bridge	09/05/12	0.4		Happy Camp RD
(Little) Horse				30 ft below china grade rd bridge	08/13/12 06/19/12	0.8 1.2		Karuk Tribe Karuk Tribe
(Little) Horse (Little) Horse				30 ft below china grade rd bridge 100 ft upstream of China Grade Rd. Bridge	09/28/11	0.6		Happy Camp RD
(Little) Horse				30 ft below china grade rd bridge	09/07/11	0.9		Karuk Tribe
(Little) Horse				30 ft below china grade rd bridge	08/01/11	1.3		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				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		Karuk Tribe
(Little) Horse				30 ft below china grade rd bridge	07/21/10	1.4		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		Karuk Tribe
(Little) Horse				30 ft below china grade rd bridge	07/06/09	0.8		Karuk Tribe
(Little) Horse				83' upstream of China Ck Rd culvert	06/25/08	1.2		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		Karuk Tribe
(Little) Horse				83' upstream of China Ck Rd culvert	09/07/06	0.5		Karuk Tribe
(Little) Horse				83' upstream of China Ck Rd culvert	08/10/06	1.2		Karuk Tribe

STREAM	Tributary to	AT STREAM	ACRES ²	DATA SAMPLING LOCATION ³	DATE	MEASURED 4	РНОТО	DATA
	•	MILE 1			SURVEYED	FLOW (cfs)		COLLECTOR
(Little) Horse				83' upstream of China Ck Rd culvert	07/13/06	1.2		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	Klamath R.	117.5	6,197	15 ft upstream of China Grade Rd. culvert	09/16/15	1.1	NO	Happy Camp RD
China				15 ft upstream of China Grade Rd. culvert	08/10/15	1.2	NO	Happy Camp RD
China				15 ft upstream of China Grade Rd. culvert	07/14/15	1.2	NO	Happy Camp RD
China				40 ft upstream of China Grade Rd. culvert	07/09/14	0.8	NO	Happy Camp RD
China				40ft upstream of China Grade Rd. culvert	08/07/13	1.3	NO	Happy Camp RD
China				Under China Grade Rd. culvert	07/02/13	1.6	NO	Happy Camp RD
China				40ft downstream of China Grade Rd. culvert	09/05/12	1.5	NO	Happy Camp RD
China				30 yrds above china grade road bridge	08/13/12	1.5	NO	Karuk Tribe
China				30 yrds 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 yrds above china grade road bridge	09/07/11	1.9	NO	Karuk Tribe
China				30 yrds above china grade road bridge	08/01/11	3.0	NO	Karuk Tribe
China				30 yrds above china grade road bridge	07/06/11	4.6	NO	Karuk Tribe
China				30 yrds 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 yrds above china grade road bridge	08/10/10	1.6	NO	Karuk Tribe
China				30 yrds 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

STREAM	Tributary to	AT STREAM MILE 1	ACRES 2	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
					CONTENED	I LOW (CIS)		OOLLLOTOR
China				30 yrds above china grade road bridge	08/05/09	0.9	NO	Karuk Tribe
China				30 yrds 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		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
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
71					00/:5/:-	16	NO	
Thompson	Klamath R.	122.8		300 ft downstream of Hwy 96 bridge	09/16/15	10.1		Happy Camp RD
Thompson				200 ft downstream of Hwy 96 bridge	08/10/15	10.1		Happy Camp RD
Thompson				200 ft downstream of Hwy 96 bridge	06/22/15	13.8		Happy Camp RD
Thompson		-		200 ft downstream of Hwy 96 bridge	09/22/14	4.4	NO	Happy Camp RD

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
	•							
Thompson				200 ft downstream of Hwy 96 bridge	08/28/14	5.6		Happy Camp RD
Thompson				200 ft downstream of Hwy 96 bridge	07/10/14	11.8		Happy Camp RD
Thompson				25 ft downstream of HWY96 Bridge	11/01/13	14.4		Happy Camp RD
Thompson				200ft downstream of HWY96 Bridge	08/07/13	12.4	NO	Happy Camp RD
Thompson				under Hwy 96 bridge	07/03/13	27.4		Happy Camp RD
Thompson				15ft downstream from Hwy 96 bridge	07/20/12	28.8		Happy Camp RD
<u>Th</u> ompson				15ft downstream from Hwy 96 bridge	06/27/12	44.9		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		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 pool	09/04/07	13.7		Happy Camp RD
Thompson				Under upstream edge of Hwy 96 bridge	08/09/07	14.8	NO	Karuk Tribe
Thompson				Riffle above temperature gauge pool	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

				(1990 to 2010 Estimates)		4		
STREAM	Tributary to	AT STREAM	ACRES 2	DATA SAMPLING LOCATION 3	DATE	MEASURED 4	РНОТО	DATA
OTKLAW	Tributary to	MILE 1	ACRES	DATA SAMPLING LOCATION	SURVEYED	FLOW (cfs)	11010	COLLECTOR
						, ,		
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		Happy Camp RD
Thompson				Under upstream edge of Hwy 96 bridge	08/15/06	18.5		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		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		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		Karuk Tribe
Thompson				Under Hwy 96 bridge	08/11/04	16.8		Karuk Tribe
Thompson				Under Hwy 96 bridge	07/19/04	21.8		Karuk Tribe
Thompson				Under Hwy 96 bridge	06/17/04	32.0		Karuk Tribe
Thompson				Under Hwy 96 bridge	10/27/03	13.6		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		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		Happy Camp RD
Thompson				100' down from Hwy 96 bridge	08/27/96	20.1	-	Happy Camp RD
Fort Coff	10 (1.5)	100.5	0.004	COM at a case of bailer	00/40/45	5.0	L NO	Hanny Comp DD
Fort Goff Fort Goff	Klamath R.	126.5	8,281	60ft upstream of bridge	08/10/15	5.0		Happy Camp RD
Fort Goff				1000 ft up creek from HWY 96 culvert 1001 ft up creek from HWY 96 culvert	06/22/15 09/23/14	4.5 1.8		Happy Camp RD
Fort Goff				1001 it up creek from HWY 96 culvert	09/23/14	2.9		Happy Camp RD Happy Camp RD
Fort Goff				1002 it up creek from HWY 96 culvert	08/27/14	2.9 5.2		
				·				Happy Camp RD
Fort Goff				40ft downstream of HWY 96 Culvert	11/01/13	3.9	NO	Happy Camp RD

OTD TALL	Tallandamad	AT STREAM	4.0=-0.2		DATE	MEASURED 4	DUCTO	DATA
STREAM	Tributary to	MILE 1	ACRES 2	DATA SAMPLING LOCATION ³	SURVEYED	FLOW (cfs)	РНОТО	COLLECTOR
						1 20 11 (0.0)		CCLLCION
Fort Goff				20ft downstream of HWY 96 Culvert	07/31/13	2.8	NO	Happy Camp RD
Fort Goff				200 ft upstream from Hwy 96 culvert	07/03/13	7.4		Happy Camp RD
Fort Goff				300 ft upstream from Hwy 96 culvert	09/17/12	3.1		Happy Camp RD
Fort Goff				300 ft upstream from Hwy 96 culvert	07/20/12	6.2		Happy Camp RD
Fort Goff				300 ft upstream from Hwy 96 culvert	06/26/12	8.1		Happy Camp RD
Fort Goff				80 Ft below hwy 96 culvert	08/20/12	1.9		Karuk Tribe
Fort Goff				80 Ft below hwy 96 culvert	06/19/12	10.8		Karuk Tribe
Fort Goff				500 yards up creek from Hwy 96 culvert	09/28/11	3.4		Happy Camp RD
Fort Goff				80 Ft below hwy 96 culvert	08/02/11	6.5		Karuk Tribe
Fort Goff				80 Ft below hwy 96 culvert	07/11/11	12.0		Karuk Tribe
Fort Goff				80 Ft below hwy 96 culvert	06/16/11	28.6		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		Karuk Tribe
Fort Goff				80 Ft below hwy 96 culvert	07/20/10	16.3		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		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		Happy Camp RD
Fort Goff				250' upstream of hwy 96 culvert	08/29/08	3.5		Happy Camp RD
Fort Goff				100 ft. upstream of Hwy. 96 crossing	08/06/08	4.6		Karuk Tribe
Fort Goff				100 ft. upstream of Hwy. 96 crossing	07/03/08	9.4		Karuk Tribe
Fort Goff				250' upstream of hwy 96 culvert	06/26/08	14.8		Happy Camp RD
Fort Goff				In culvert	09/04/07	3.5		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
5. (0.55				400 %	00/05/55			
Fort Goff				100 ft. upstream of Hwy. 96 crossing	09/26/06	3.0		Karuk Tribe
Fort Goff				40' downstream of hwy 96 culvert	09/13/06	3.4	NO	Happy Camp RD

(1996 to 2016 Estimates)									
STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR	
Fort Goff				100 ft. upstream of Hwy. 96 crossing	08/15/06	3.6	NO	Karuk Tribe	
Fort Goff Fort Goff				100 ft. upstream of Hwy. 96 crossing 100 ft. upstream of Hwy. 96 crossing	07/13/06 06/20/06	6.9 17.6		Karuk Tribe 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		Karuk Tribe	
Fort Goff				100' upstream of Hwy 96 culvert	08/22/05	3.9		Karuk Tribe	
Fort Goff				100' upstream of Hwy 96 culvert	07/19/05	7.7		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		Karuk Tribe	
Fort Goff				100' above Hwy 96 crossing	07/19/04	3.9		Karuk Tribe	
Fort Goff				100' above Hwy 96 crossing	06/17/04	8.8		Karuk Tribe	
Fort Goff				100' above Hwy 96 crossing	09/22/03	3.0		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		Karuk Tribe	
Fort Goff				In Hwy 96 culvert	09/05/01	1.7		Happy Camp RD	
Fort Goff				Below Hwy 96 culvert	09/26/00	4.3	-	Happy Camp RD	
Dayterman					00/40/45	4.0	NO	0	
Portuguese	Klamath R.	127.5	5,591	100' downstream of Hwy 96 culvert	08/10/15	1.3		Happy Camp RD	
Portuguese				200' downstream of Hwy 96 culvert	06/23/15	2.1		Happy Camp RD	
Portuguese				250' downstream of Hwy 96 culvert	09/23/14 08/27/14	0.9		Happy Camp RD	
Portuguese				250' downstream of Hwy 96 culvert		1.4		Happy Camp RD	
Portuguese				250' downstream of Hwy 96 culvert	07/10/14	2.9		Happy Camp RD	
Portuguese				200' downstream of Hwy 96 culvert	11/01/13	3.6		Happy Camp RD	
Portuguese				300' Upstream of Hwy 96 culvert	07/31/13	2.0		Happy Camp RD	
Portuguese				300' Upstream of Hwy 96 culvert	06/27/13	4.5		Happy Camp RD	
Portuguese				30' downstream of Hwy 96 culvert	09/17/12	1.4		Happy Camp RD	
Portuguese				200' Upstream of Hwy 96 culvert	07/20/12	2.0		Happy Camp RD	
Portuguese Portuguese				200' Upstream of Hwy 96 culvert 80 ft above hwy 96 culvert	06/26/12 08/20/12	10.0 1.6		Happy Camp RD Karuk Tribe	
i ortuguese	1		ļ	out above tiwy so curvert	00/20/12	1.0	INO	Natur Tibe	

STREAM	Tributary to	AT STREAM MILE 1	ACRES 2	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
					_			
Portuguese				80 ft above hwy 96 culvert	06/19/12	7.3		Karuk Tribe
Portuguese				60' upstream of Hwy 96 culvert	09/26/11	1.1		Happy Camp RD
Portuguese				80 ft above hwy 96 culvert	08/03/11	2.9		Karuk Tribe
Portuguese				80 ft above hwy 96 culvert	07/11/11	6.5		Karuk Tribe
Portuguese				80 ft above hwy 96 culvert	06/16/11	25.9		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		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		Karuk Tribe
Portuguese				150' above Hwy 96 crossing	08/22/05	1.6		Karuk Tribe
Portuguese				150' above Hwy 96 crossing	07/19/05	3.5		Karuk Tribe

				(1990 to 2010 Estimates)				
STREAM	Tributary to	AT STREAM MILE 1	ACRES 2	DATA SAMPLING LOCATION 3	DATE	MEASURED 4	РНОТО	DATA
		IVIILE			SURVEYED	FLOW (cfs)		COLLECTOR
Portuguese				150' above Hwy 96 crossing	06/20/05	7.7		Karuk Tribe
Portuguese				In oulet segment of Hwy 96 culvert	09/22/04	1.8		Happy Camp RD
Portuguese				150' above Hwy 96 crossing	09/15/04	1.0		Karuk Tribe
Portuguese				150' above Hwy 96 crossing	08/10/04	1.8		Karuk Tribe
Portuguese				150' above Hwy 96 crossing	07/19/04	2.5		Karuk Tribe
Portuguese				150' above Hwy 96 crossing	06/17/04	4.7		Karuk Tribe
Portuguese				Just above Hwy 96 culvert	09/30/03	1.3	- NO	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
Onind	Klamath R.	130	18,501		00/40/45	0.0	NO	0
Seiad		700	10,001	220' upstream of mouth	09/16/15	0.8	NO	Happy Camp RD
Seiad	(near mouth)			220' upstream of mouth	08/10/15	0.2	NO	Happy Camp RD
					30, 10, 10	0.2		
Seiad				220' upstream of mouth	06/23/15	2.7	NO	Happy Camp RD
Seiad				220' upstream of mouth	09/23/14	0.3	NO	Happy Camp RD
Selau				220 upstream of mount	09/23/14	0.3	INO	парру Сапір Ко
Seiad				220' upstream of mouth	08/28/14	0.6	NO	Happy Camp RD
					0=/00/4.4			0
Seiad				220' upstream of mouth	07/09/14	1.6		Happy Camp RD
Seiad				250' upstream of mouth	07/31/13	1.2	NO	Happy Camp RD
Seiad				250' upstream of mouth	07/03/13	6.0	NO	Happy Camp RD
Seiad				Under Hwy. 96 bridge	09/17/12	0.6		Happy Camp RD
Seiad				- Inji do silago	33, 11, 12	3.0		riappy camp no
Selau				250' upstream of mouth	07/20/12	5.0	YES	Happy Camp RD

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
Seiad				250' upstream of mouth	06/26/12	14.1	YES	Happy Camp RD
Seiad				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				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
				200 ft downstream of trail just beyond private				
Seiad				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	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

DATE **MEASURED AT STREAM DATA** ACRES² PHOTO STREAM Tributary to DATA SAMPLING LOCATION 3 MILE 1 **SURVEYED** FLOW (cfs) **COLLECTOR** Seiad Pool tailout above Hwy 96 bridge Karuk Tribe 06/20/05 21.2 Seiad Pool tailout above Hwy 96 bridge 09/15/04 1.5 NO Karuk Tribe Seiad Pool tailout above Hwy 96 bridge 2.7 08/10/04 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 NO Karuk Tribe drv Seiad Pool tailout above Hwy 96 bridge 07/17/02 1.1 NO Karuk Tribe Seiad 20 ft above diversion 08/20/12 2.6 Karuk Tribe (upstream of diversions) Karuk Tribe Seiad 06/20/12 8.6 NO 20 ft above diversion Seiad 20 ft above diversion 08/03/11 5.3 NO Karuk Tribe Seiad 11.4 NO 20 ft above diversion 07/11/11 Karuk Tribe Seiad 38.0 20 ft above diversion 06/16/11 NO Karuk Tribe Seiad 20 ft above diversion 08/17/10 3.2 NO Karuk Tribe Seiad Karuk Tribe 07/30/10 4.3 NO 20 ft above diversion 5.0 Seiad 20 ft above diversion 07/23/10 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 property 09/30/08 2.3 NO Happy Camp RD Happy Camp RD Seiad mark 08/29/08 2.0 NO 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 property 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 300' downstream from Paper Plates at FS Seiad 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 3.5 miles up from mouth on FS Seiad 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 2.4 10/12/05 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

DATE **MEASURED AT STREAM** DATA **Tributary to** ACRES² PHOTO STREAM DATA SAMPLING LOCATION 3 MILE 1 **SURVEYED** FLOW (cfs) **COLLECTOR** 3.5 miles up from mouth on FS Happy Camp RD Seiad 09/22/04 2.5 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 2.7 08/10/04 NO Karuk Tribe Seiad 3.5 miles up from mouth on FS 3.5 07/19/04 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 3.5 miles up from mouth on FS Happy Camp RD Seiad 09/17/02 2.3 Seiad 3.5 miles up from mouth on FS 09/09/97 2.6 YES Happy Camp RD Grider Happy Camp RD 150' upstream lower Grider Creek Ranch Bridge 09/16/15 18.5 NO Klamath R. 130.4 27.628 Happy Camp RD Grider 150' upstream lower Grider Creek Ranch Bridge 08/10/15 15.6 NO Grider 06/29/15 19.0 NO Happy Camp RD 150' upstream lower Grider Creek Ranch Bridge Happy Camp RD Grider 09/23/14 7.8 NO 200' upstream lower Grider Creek Ranch Bridge 7.7 Grider 200' upstream lower Grider Creek Ranch Bridge 08/28/14 NO Happy Camp RD Grider 200' upstream lower Grider Creek Ranch Bridge 07/09/14 12.0 Happy Camp RD Happy Camp RD Grider 200' upstream lower Grider Creek Ranch Bridge 05/21/14 26.3 Happy Camp RD 200' upstream lower Grider Creek Ranch Bridge 11/04/13 NO Grider 15.5 Happy Camp RD 200' upstream lower Grider Creek Ranch Bridge 07/31/13 12.2 NO Grider Happy Camp RD 200' upstream lower Grider Creek Ranch Bridge 07/09/13 16.3 NO Grider 200' upstream lower Grider Creek Ranch Bridge 07/02/13 19.0 NO Happy Camp RD Grider 200' upstream from Grider Creek Bridge 46N66 28.4 NO Happy Camp RD 06/27/13 Grider Happy Camp RD 200' upstream lower Grider Creek Ranch Bridge 09/17/12 4.2 NO Grider Happy Camp RD new channel below diversion 09/10/12 9.7 NO Grider Happy Camp RD old channel below diversion 09/10/12 2.9 NO Grider Happy Camp RD Grider above new channel diversion 09/10/12 12.5 NO 200' upstream lower Grider Creek Ranch Bridge 07/20/12 9.0 YES Happy Camp RD Grider 200' upstream lower Grider Creek Ranch Bridge 06/26/12 18.2 YES Happy Camp RD Grider 90 ft above campground bridge to PCT 14.5 08/22/12 NO Karuk Tribe Grider 90 ft above campground bridge to PCT Grider 06/20/12 58.5 NO Karuk Tribe 90 ft above campground bridge to PCT Grider 09/26/11 17.8 YES Happy Camp RD Grider 90 ft above campground bridge to PCT 08/03/11 34.6 NO Karuk Tribe 90 ft above campground bridge to PCT Grider 07/12/11 72.4 Karuk Tribe

				(1990 to 2010 Estimates)		1		
STREAM	Tributary to	AT STREAM	ACRES 2	DATA SAMPLING LOCATION 3	DATE	MEASURED 4	РНОТО	DATA
0 11.127.1111	Tributary to	MILE 1	AONLO	DATA GAMILEING EGGATION	SURVEYED	FLOW (cfs)		COLLECTOR
Grider				90 ft above campground bridge to PCT	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 PCT	08/17/10	18.5	NO	Karuk Tribe
Grider				90 ft above campground bridge to PCT	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 PCT	08/06/09	12.6	NO	Karuk Tribe
Grider				90 ft above campground bridge to PCT	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		Karuk Tribe
Grider				20' upstream from where trail goes down - large	06/25/08	50.9		Happy Camp RD
Grider				Upstream from 46N66 bridge	09/04/07	14.8		Happy Camp RD
Grider				50 ft upstream of Grider Creek Rd. bridge	08/13/07	6.9		Karuk Tribe
Grider				50 ft upstream of Grider Creek Rd. bridge	07/06/07	25.2		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		Happy Camp RD
Grider				50 ft upstream of Grider Creek Rd. bridge	08/15/06	18.3		Karuk Tribe
Grider				50 ft. upstream of Grider Creek Rd. bridge	07/17/06	23.5		Karuk Tribe
Grider				60 ft upstream from second bridge	06/29/06	43.6		Happy Camp RD
Grider				50 ft. upstream of Grider Creek Rd. bridge	06/20/06	65.4		Karuk Tribe
Grider				200' upstream of bridge	06/08/06	74.2		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		Karuk Tribe

STREAM	Tributary to	AT STREAM	ACRES ²	DATA SAMPLING LOCATION 3	DATE	MEASURED 4	РНОТО	DATA
011.27.111	Tributary to	MILE 1	AOREO	DATA GAINT LING EGGATION	SURVEYED	FLOW (cfs)		COLLECTOR
	_							
Grider				50' above Grider Crk Rd bridge	08/23/05	13.7		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	Vlameth D	424.5		Upstream 10 feet from Grider Road Culvert	09/13/06	0.2	NO	Happy Camp RD
Caroline	Klamath R.	131.5		Upstream 10 feet from Grider Road Culvert	09/29/05	0.2		Happy Camp RD
Oaronne				opstream to teet from Grider Road Guivert	03/23/03	0.1	_	парру Сапір КВ
Walker	Klamath R.	134.4	7,617	Underneath forest service bridge	09/16/15	5.1	NO	Happy Camp RD
Walker			','	Underneath forest service bridge	08/10/15	4.2		Happy Camp RD
Walker				230ft downstream of forest service bridge	06/29/15	3.0		Happy Camp RD
Walker				230ft downstream of forest service bridge	09/23/14	2.1	NO	Happy Camp RD
Walker				230ft downstream of forest service bridge	08/27/14	2.1	NO	Happy Camp RD
Walker				200ft downstream of forest service bridge	07/09/14	2.5	NO	Happy Camp RD
Walker				200ft downstream of forest service bridge	11/04/13	3.7	NO	Happy Camp RD
Walker				200ft downstream of forest service bridge	07/31/13	3.7	NO	Happy Camp RD
Walker				200ft downstream of forest service bridge	06/27/13	5.6	NO	Happy Camp RD
Walker				Under HWY 96 Culvert	09/10/12	2.1		Happy Camp RD
Walker				Just downstream of forest service bridge	07/20/12	7.7	NO	Happy Camp RD

STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
147 11				leat deconstruction of found and in bridge	00/07/40	44.0	VEO	Hanny Comp DD
Walker Walker				Just downstream of forest service bridge Near mouth	06/27/12 08/21/12	11.6 4.3	YES NO	Happy Camp RD Karuk Tribe
Walker				Near mouth	06/21/12	7.4	NO	Karuk Tribe
Walker				Upstream of Forest Service bridge	09/27/11	4.8		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,	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
Walker				Near mouth	08/07/08	5.2		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		Karuk Tribe
Walker				60ft below 46N64 bridge	07/02/07	7.6		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

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
Walker				Near mouth	07/19/05	6.4	NO	Karuk Tribe
Walker				Near mouth	06/20/05	11.5		Karuk Tribe
Walker				60 ft below 46N64 bridge	09/22/04	3.7		Happy Camp RD
Walker				Near mouth	09/21/04	3.4		Karuk Tribe
Walker				Near mouth	08/16/04	4.3	NO	Karuk Tribe
Walker				Near mouth	07/19/04	4.6		Karuk Tribe
Walker				Near mouth	06/18/04	4.7		Karuk Tribe
Walker				100' up from mouth	09/25/03	3.3		Happy Camp RD
Nalker				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		Happy Camp RD
Walker Gulch	Klamath R.	134.5		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	Klamath R.	135		25 ft upstream of Ladd Rd. culvert	09/27/11	0.2		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	07/08/10	0.4		Happy Camp RD
Shultz Gulch				30' upstream of the Ladd Rd. culvert	09/25/09	0.2		Happy Camp RD
Shultz Gulch				12' upstream of the Ladd Rd. culvert	09/14/06	0.4		Happy Camp RD
Shultz Gulch				20' upstream of Ladd Rd. culvert	09/28/05	0.2	-	Happy Camp RD
Lauia	1.51	100.1		201 construction of Library OC and cont	00/44/00	0.1	L NO	Hanny Oams DD
Louie	Klamath R.	136.1		20' upstream of Hwy 96 culvert	09/14/06	0.4		Happy Camp RD
Louie				20' upstream of Hwy 96 culvert	09/28/05	0.1		Happy Camp RD
O'Neil	Klamath R.	137.2	2.420	200' upstream of Hwy 96 bridge	09/16/15	1.1	NO	Happy Camp RD
	riailiatii R.	131.2	2,428					Happy Camp RD
O'Neil	1	l	l	200' upstream of Hwy 96 bridge	08/10/15	1.0	NO	Happy Camp

		AT STREAM		(1330 to 2010 Estimates)	DATE	MEASURED 4		DATA
STREAM	Tributary to	MILE 1	ACRES 2	DATA SAMPLING LOCATION ³	SURVEYED		РНОТО	COLLECTOR
		2			OOKVETED	I LOW (CIS)		COLLECTOR
O'Neil				200' upstream of Hwy 96 bridge	06/29/15	1.0	NO	Happy Camp RD
O'Neil				75' upstream of Hwy 96 bridge	09/29/14	0.5		Happy Camp RD
O'Neil				75' upstream of Hwy 96 bridge	08/28/14	0.8		Happy Camp RD
O'Neil				75' upstream of Hwy 96 bridge	07/09/14	0.7		Happy Camp RD
O'Neil				75' upstream of Hwy 96 bridge	10/31/13	0.8		Happy Camp RD
O'Neil				75' upstream of Hwy 96 bridge	07/31/13	0.8		Happy Camp RD
O'Neil				75' upstream of Hwy 96 bridge	06/20/13	1.1		Happy Camp RD
O'Neil				40' upstream of Hwy 96 bridge	09/10/12	0.8		Happy Camp RD
O'Neil				75' upstream of Hwy 96 bridge	06/27/12	1.8		Happy Camp RD
O'Neil				25yrds above hwy 96 bridge	08/21/12	0.9		Karuk Tribe
O'Neil				25yrds above hwy 96 bridge	06/25/12	2.2		Karuk Tribe
O'Neil				75' upstream of Hwy 96 bridge	09/27/11	0.8		Happy Camp RD
O'Neil				25yrds above hwy 96 bridge	08/03/11	0.9		Karuk Tribe
O'Neil				25yrds above hwy 96 bridge	07/07/11	2.7		Karuk Tribe
O'Neil				25yrds 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				25yrds above hwy 96 bridge	08/17/10	1.0		Karuk Tribe
O'Neil				25yrds 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		Happy Camp RD
O'Neil				25yrds above hwy 96 bridge	08/07/09	0.6	NO	Karuk Tribe
 								
O'Neil				25yrds above hwy 96 bridge	07/20/09	0.4		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		Karuk Tribe
O'Neil				300 ft. upstream of Hwy. 96 crossing	06/25/08	7.4	NO	Karuk Tribe
0111-11				2001	00/04/0=	2.7		0 55
O'Neil				300' upstream of Hwy 96 bridge	09/04/07	0.7		Happy Camp RD
O'Neil				300 ft. upstream of Hwy 96 crossing	07/18/07	1.8		Karuk Tribe
O'Neil			[300 ft. upstream of Hwy 96 crossing	07/06/07	0.7	NO	Karuk Tribe

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
					_			
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		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
V. v. t=		100		45 Lynchronnon of Llync OC oxiderati	00/40/45	0.7	NO	O DD
Kuntz	Klamath R.	139		15' upstream of Hwy 96 culvert	09/16/15	0.7	NO	Happy Camp RD
Kuntz				15' upstream of Hwy 96 culvert	08/11/15	0.4	NO	Happy Camp RD
Kuntz				15' upstream of Hwy 96 culvert	06/29/15	0.7		Happy Camp RD
Kuntz				15' upstream of hwy 96 culvert	09/10/12	0.3	YES YES	Happy Camp RD
Kuntz				15' upstream of Hwy 96 culvert	09/27/11	0.8		Happy Camp RD
Kuntz		ĺ		10' upstream of Hwy 96 culvert	09/14/10	1.1		Happy Camp RD

STREAM	Tributary to	AT STREAM MILE ¹	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	рното	DATA COLLECTOR
Kuntz Kuntz				12' upstream of Hwy 96 bridge 20' upstream of Hwy 96 bridge	09/14/06 09/22/05	1.0 0.7	NO NO	Happy Camp RD Happy Camp RD
Mill Mill Mill Mill Mill Mill Mill Mill	Klamath R.	139.9		30' upstream Hwy 96 culvert 30' upstream Hwy 96 culvert 30' upstream Hwy 96 culvert 10' upstream Hwy 96 culvert 10' upstream Hwy 96 culvert 15' upstream Hwy 96 culvert 15 ft. upstream of Hwy 96 culvert 40' upstream of Hwy 96 bridge 100' upstream of Hwy 96 bridge	09/16/15 08/10/15 06/29/15 09/10/12 09/27/11 09/14/10 07/08/10 09/25/09 09/14/06	0.1 0.2 0.5 0.1 0.2 0.2 0.9 0.2	NO NO NO YES YES - - - NO	Happy Camp RD
Mill				120' upstream of Hwy 96 bridge	09/22/05	0.1		Happy Camp RD
Tom Martin Tom Martin Tom Martin Tom Martin Tom Martin	Klamath R.	143		just 1ft upstream of Hwy 96 Culvert just 2ft upstream of Hwy 96 Culvert just 1ft upstream of Hwy 96 Culvert just upstream of Hwy 96 Culvert just upstream of Hwy 96 Culvert	09/16/15 08/11/15 06/24/15 09/23/14 07/30/13	1.1 1.5 1.2 0.7 1.0	NO NO NO NO	Happy Camp RD
Tom Martin				just upstream of Hwy 96 Culvert just upstream of Hwy 96 Culvert 150 ft above hwy 96 culvert 150 ft above hwy 96 culvert Upstream of Hwy 96 Culvert 150 ft above hwy 96 culvert	06/20/13 09/10/12 08/21/12 06/25/12 09/26/11 08/03/11 07/07/11 06/20/11	2.1 0.8 0.9 2.9 2.0 1.9 4.1 12.2	NO YES NO NO YES NO NO NO NO	Happy Camp RD Happy Camp RD Karuk Tribe Karuk Tribe Happy Camp RD Karuk Tribe Karuk Tribe Karuk Tribe Karuk Tribe
Tom Martin Tom Martin Tom Martin				20' upstream of mouth 150 ft above hwy 96 culvert 24' upstream of mouth	09/14/10 08/17/10 07/07/10	2.6 1.6 2.2	NO -	Happy Camp RD Karuk Tribe Happy Camp RD

(1990 to 2010 Estimates)										
STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION 3	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	рното	DATA COLLECTOR		
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		Karuk Tribe		
Tom Martin				250' upstream from Hwy 96 culvert	10/11/06	1.1		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		Karuk Tribe		
Tom Martin				50 ft upstream of Hwy 96 crossing	08/24/05	1.0		Karuk Tribe		
Tom Martin				50 ft upstream of Hwy 96 crossing	07/19/05	2.0		Karuk Tribe		
Tom Martin				50 ft upstream of Hwy 96 crossing	06/21/05	2.9		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	When all 5	4.47.0	00.050	140ft unatroom of first bridge on the right	00/40/45	1.0	NO	Hanny Comm DD		
Horse Creek	Klamath R.	147.3	38,953	40ft upstream of first bridge on the right	09/16/15	1.0 0.1		Happy Camp RD		
Horse Creek				200ft upstream of mouth	09/16/15 08/11/15	0.1		Happy Camp RD		
Horse Creek				200ft upstream of mouth				Happy Camp RD		
Horse Creek				200ft upstream of mouth 200ft upstream of mouth	06/24/15	4.3		Happy Camp RD		
Horse Creek				200ft upstream of mouth	09/23/14 08/27/14	0.3 0.4	NO	Happy Camp RD		
				200ft upstream of mouth				Happy Camp RD		
Horse Creek				Zoon upstream of mouth	07/02/14	4.1	NO	Happy Camp RD		

STREAM	Tributary to	AT STREAM	ACDEC 2	DATA SAMPLING LOCATION 3	DATE	MEASURED 4	РНОТО	DATA
SIKEAW	Tributary to	MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	SURVEYED	FLOW (cfs)	PHOTO	COLLECTOR
Horse Creek				200ft upstream of mouth	10/31/13	8.3	NO	Happy Camp RD
Horse Creek				200ft upstream of mouth	07/30/13	1.6	NO	Happy Camp RD
Horse Creek				200ft upstream of mouth	06/20/13	19.5	NO	Happy Camp RD
Horse Creek				200ft upstream of mouth	09/10/12	3.9		Happy Camp RD
Horse Creek				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
				2.5 to 3 mi up horse creek next to first bridge on				
Horse Creek				right	07/07/11	40.5	NO	Karuk Tribe
Horse Creek				2.5 to 3 mi up horse creek next to first bridge on right	06/17/11	82.6	NO	Karuk Tribe
					30, 11, 11	<u> </u>		
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 right	08/18/10	7.8	NO	Karuk Tribe
Horse Creek				2.5 to 3 mi up horse creek next to first bridge on right	07/23/10	12.3	NO	Karuk Tribe
				40' upstream of cattle bridge on Horse Ck. Rd.				
Horse Creek				(trail on RR)	07/07/10	56.1	-	Happy Camp RD
Horse Creek				(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 rig	08/13/09	1.9	NO	Karuk Tribe
Horse Creek				2.5 to 3 mi up horse creek next to first bridge on rig	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

DATE **MEASURED AT STREAM** DATA **Tributary to** ACRES² PHOTO STREAM DATA SAMPLING LOCATION 3 MILE 1 **SURVEYED** FLOW (cfs) COLLECTOR Happy Camp RD Horse Creek 50' upstream of cattle crossing 09/05/08 4.5 Horse Creek Just up from private land 07/07/08 19.2 NO Karuk Tribe Horse Creek 50' upstream of cattle crossing 06/26/08 81.3 NO Happy Camp RD Happy Camp RD Below 46N46 bridge Horse Creek 08/13/07 3.9 NO Horse Creek Just up from private land 07/18/07 12.3 NO Karuk Tribe Horse Creek Just up from private land 07/02/07 NO Karuk Tribe 10.7 Horse Creek Below 46N46 bridge Happy Camp RD 06/27/07 12.7 NO Horse Creek 300' downstream of cattle crossing 4.9 Happy Camp RD 10/11/06 NO Horse Creek Just up from private land 09/27/06 3.1 NO Karuk Tribe Horse Creek 1000' above mouth 09/13/06 3.8 NO Happy Camp RD Horse Creek 7.3 Just up from private land 08/16/06 NO Karuk Tribe Horse Creek Just up from private land 12.2 Karuk Tribe 07/19/06 NO Horse Creek 200 ft downstream of 46N66 Bridge 07/14/06 17.9 NO Happy Camp RD At 46N66 bridge 150 ft downstream Horse Creek 06/28/06 32.4 NO Happy Camp RD Horse Creek Just up from private land 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 On FS - just up from private land Horse Creek 09/21/05 2.9 NO Karuk Tribe On FS - just up from private land Horse Creek 08/24/05 3.2 NO Karuk Tribe Horse Creek On FS - just up from private land 07/22/05 9.1 NO Karuk Tribe Horse Creek On FS - just up from private land 06/21/05 27.7 NO Karuk Tribe Horse Creek On FS - just up from private land 09/21/04 2.9 Karuk Tribe NO 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 9.3 07/23/04 NO Karuk Tribe Horse Creek On FS - just up from private land 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 Happy Camp RD McKinnev 20 ft upstream of culvert 09/16/15 0.4 Klamath R. 154.7 7.285

STREAM	Tributary to	AT STREAM	ACRES ²	DATA SAMPLING LOCATION ³	DATE	MEASURED 4	РНОТО	DATA
STREAM	ITIDULAL Y LO	MILE 1	ACKES	DATA SAMPLING LOCATION	SURVEYED	FLOW (cfs)		COLLECTOR
McKinney				20ft above culvert	08/11/15	0.2	NO	Happy Camp RD
McKinney				35ft downstream of culvert	06/22/15	0.2	NO	Happy Camp RD
McKinney				10 ft upstream of culvert	09/23/14	0.1	NO	Happy Camp RD
McKinney				10ft upstream of culvert.	07/30/13	0.1	NO	Happy Camp RD
McKinney				10ft upstream of culvert.	07/03/13	0.6	NO	Happy Camp RD
McKinney				10ft upstream of culvert.	09/10/12	0.5	NO	Happy Camp RD
McKinney				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	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	Klamath R.	143	520.604	100ft downstream of 1st bridge near temp gauge	09/16/15	18.6	NO	Happy Camp RD
Scott River			,	100ft downstream of 1st bridge near temp gauge	08/11/15	22.5	NO	Happy Camp RD
Scott River				100ft downstream of 1st bridge near temp gauge	06/29/15	46.1	NO	Happy Camp RD
Scott River				just upstream of 1st bridge near temp gauge site	09/23/14	14.7	NO	Happy Camp RD
Scott River				just upstream of 1st bridge near temp gauge site	08/28/14	17.2	NO	Happy Camp RD
Scott River				just upstream of 1st bridge near temp gauge site	07/02/14	38.4	NO	Happy Camp RD
Scott River				just upstream of 1st bridge near temp gauge site	07/31/13	41.3	NO	Happy Camp RD
Scott River				just upstream of 1st bridge near temp gauge site	07/09/13	92.2	NO	Happy Camp RD
Scott River				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	Klamath R.	161.1	69,661	75ft downstream of HWY 96	09/16/15	12.6	NO	Happy Camp RD

		AT STREAM		(1990 to 2010 Estimates)	DATE	MEASURED 4		DATA
STREAM	Tributary to	MILE 1	ACRES ²	DATA SAMPLING LOCATION 3		MEASURED 4	РНОТО	DATA
		WILE			SURVEYED	FLOW (cfs)		COLLECTOR
Beaver				50ft upstream of pool that has temp gauge	08/11/15	12.5		Happy Camp RD
Beaver				35ft downstream of HWY 96	06/24/15	23.6		Happy Camp RD
Beaver				just upstream of HWY 96	09/23/14	8.4		Happy Camp RD
Beaver				just upstream of HWY 96	09/11/14	8.0		Happy Camp RD
Beaver				just upstream of HWY 96	08/27/14	9.1		Happy Camp RD
Beaver				just upstream of HWY 96	07/02/14	21.6		Happy Camp RD
Beaver				tail out of pool that has temp gauge	10/31/13	20.0		Happy Camp RD
Beaver				tail out of pool that has temp gauge	07/30/13	25.0	NO	Happy Camp RD
Beaver				tail out of pool that has temp gauge	06/20/13	82.3	NO	Happy Camp RD
Beaver				tail out of pool that has temp gauge	09/10/12	18.5	YES	Happy Camp RD
Beaver				tail out of pool that has temp gauge	06/27/12	122.3		Happy Camp RD
Beaver				tail out of pool that has temp gauge	09/10/12	18.5	YES	Happy Camp RD
Beaver				tail out of pool that has temp gauge	06/27/12	122.3	YES	Happy Camp RD
Beaver				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		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
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		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

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
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 of trail	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 Up track on upstream side of B.C., downstream	08/16/06	43.3	NO	Karuk Tribe
Beaver				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 Boayer				30 feet upstream from mouth	08/16/04	27.8	NO	Karuk Tribe
Beaver Beaver				30 feet upstream from mouth 30 feet upstream from mouth	07/29/04 06/24/04	40.8 96.6	NO NO	Karuk Tribe Karuk Tribe

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	рното	DATA COLLECTOR
						-511 (516)		
Beaver				30 feet upstream from mouth	10/17/03	22.2	NO	Karuk Tribe
Dutch	Klamath 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
Lumgrey	Klamath R.	165.7	5,471	approx 1 mile upstream of Hwy 96 bridge	06/24/15	0.1	NO	Happy Camp RD
Lumgrey	1		,	approx 1 mile upstream of Hwy 96 bridge	07/03/13	0.3	NO	Happy Camp RD
Lumgrey				Hwy 96 bridge	09/15/10	0.0	NO	Happy Camp RD
Lumgrey				Near mouth	10/07/09	0.0	NO	Happy Camp RD
Lumgrey				600 ft up road at base of private property	10/11/06	0.8	NO	Happy Camp RD
Lumgrey				Near mouth	06/24/04	0.4	NO	Karuk Tribe
Empire	Klamath 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
		4=4=			00/44/45		NO	lu 0 55
Humbug	Klamath R.	171.5		30ft upstream of 2nd bridge	08/11/15	0.3		Happy Camp RD
Humbug				1.69 miles upstream of old 96 Road	08/11/15	dry 0.4	NO NO	Karuk Tribe Karuk Tribe
Humbug Humbug				1.69 miles upstream of old 96 Road 1.69 miles upstream of old 96 Road	06/24/15 07/30/13	0.4	NO	Happy Camp RD
Humbug				1.69 miles upstream of old 96 Road	07/03/13	1.1	NO	Happy Camp RD
Humbug				1.69 miles upstream of old 96 Road	09/12/12	0.5	YES	Happy Camp RD
Humbug				Unknown	08/04/11	1.7	NO	Karuk Tribe
Humbug				Unknown	07/12/11	4.1	NO	Karuk Tribe
Humbug				Unknown	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
				1 mile up FS road along creek (perpendicular), 50'				
Humbug				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

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
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	Klamath 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	Klamath R.	176.8	507,415	Near mouth	06/25/04	41.8	-	Karuk Tribe
Bogus	Klamath R.	189.6	34,521	35 ft above mouth	06/25/12	12.4		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

STREAM	Tributary to	AT STREAM MILE 1	ACRES ²	DATA SAMPLING LOCATION ³	DATE SURVEYED	MEASURED ⁴ FLOW (cfs)	РНОТО	DATA COLLECTOR
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 lineal 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.
- 3 In most, but not all cases, flow measurements were taken a short distance upstream of the "STREAM"s' confluence with a larger stream.
- 4 Stream velocities were measured with the following instruments: Marsh-McBirney (Orleans RD prior to 2001); Swoffer (Orleans RD after 2001 and all others).