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**Subject:** 2016 - July Chelan River Hourly and Daily Average Flow Data  
**Date:** Tuesday, August 30, 2016 2:27:16 PM  
**Attachments:** [2016 Daily Average Flow Data July Report.pdf](#)  
[2016 Hourly Flow Data July Report.pdf](#)

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PUBLIC UTILITY DISTRICT NO. 1 of CHELAN COUNTY

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To: Chelan River Fishery Forum

Washington Department of Ecology

Washington Department of Fish and Wildlife

United States Forest Service

National Park Service

United States Fish and Wildlife Service

National Marine Fisheries Service

CCT (Colville)

YN (Yakama)

CTUIR (Umatilla tribe)

City of Chelan

Lake Chelan Sportsman Association

United States Geological Survey

Washington State Parks and Recreation Commission

Washington State Recreation and Conservation Office

Manson Parks and Recreation Department

Lake Chelan Recreation Association

American Whitewater

From: Steven Hays, Fish & Wildlife Senior Advisor  
Public Utility District No. 1 of Chelan County (Chelan PUD)  
steve.hays@chelanpud.org  
(509)661-4181

Re: Lake Chelan Hydroelectric Project No. 637 (Project)  
License Article 405a - 2016 Hourly and Daily  
Average Flow Data July Report

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Dear Chelan River Fishery Forum and Other Parties:

This email is to provide you, in the attached files, with the written July flow information for 2016. This July Flow Report contains data for surface elevations at the Chelan Dam Forebay and Powerhouse Tailrace and flows from the Powerhouse, Low Level Outlet, Spillway, Pump Station and Total Reach 4 flows.

This information will be posted to the Lake Chelan Implementation web page under resource documents.

Steven Hays

Fish and Wildlife Senior Advisor

[steve.hays@chelanpud.org](mailto:steve.hays@chelanpud.org)

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## 2016 Daily Average Flow Data - July

Date	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
7/1/2016	1099.8	2367	710.5	82	2755	0	2837
7/2/2016	1099.7	2365	709.8	82	1682	0	1764
7/3/2016	1099.7	2370	709.9	82	1280	0	1363
7/4/2016	1099.7	2375	710.0	82	1896	0	1979
7/5/2016	1099.6	2370	709.8	82	1235	0	1318
7/6/2016	1099.5	2375	709.8	82	414	0	496
7/7/2016	1099.5	2371	709.7	82	227	0	309
7/8/2016	1099.5	2369	709.4	82	122	0	204
7/9/2016	1099.5	2365	709.1	82	117	0	199
7/10/2016	1099.6	33	708.4	82	115	0	198
7/11/2016	1099.7	1114	708.9	81	116	0	197
7/12/2016	1099.7	2293	709.4	82	117	0	199
7/13/2016	1099.6	2381	709.4	82	124	0	206
7/14/2016	1099.6	2375	709.7	82	129	0	212
7/15/2016	1099.6	1622	709.8	82	128	0	210
7/16/2016	1099.6	1612	709.4	82	52	0	134
7/17/2016	1099.6	915	709.3	82	0	0	82
7/18/2016	1099.6	1998	709.5	82	0	0	82
7/19/2016	1099.6	2390	709.2	82	0	0	82
7/20/2016	1099.6	2365	709.3	82	0	0	82
7/21/2016	1099.6	2371	709.8	82	0	0	82
7/22/2016	1099.6	1877	709.0	82	0	0	82
7/23/2016	1099.6	1868	709.1	82	0	0	82
7/24/2016	1099.6	22	708.7	83	0	0	83
7/25/2016	1099.7	1632	709.3	83	0	1	84
7/26/2016	1099.7	2387	709.5	83	0	0	83
7/27/2016	1099.7	2378	709.4	83	0	0	83
7/28/2016	1099.7	2381	709.3	83	0	0	83
7/29/2016	1099.7	2376	709.6	83	0	0	83
7/30/2016	1099.7	2379	709.0	83	0	0	83
7/31/2016	1099.7	2384	709.0	83	0	0	83

## 2016 Hourly Flow Data - July

Date	Hour	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
7/1/2016	1	1099.8	2390	710.6	82	2899	0	2982
7/1/2016	2	1099.9	2350	710.4	82	2898	0	2980
7/1/2016	3	1099.8	2360	710.3	82	2896	0	2979
7/1/2016	4	1099.8	2350	710.3	83	2894	0	2977
7/1/2016	5	1099.8	2350	710.3	83	2894	0	2976
7/1/2016	6	1099.8	2360	710.3	83	2893	0	2975
7/1/2016	7	1099.8	2370	710.3	83	2893	0	2976
7/1/2016	8	1099.8	2400	710.4	82	2894	0	2976
7/1/2016	9	1099.8	2370	710.5	82	2891	0	2973
7/1/2016	10	1099.8	2390	710.6	82	2888	0	2970
7/1/2016	11	1099.8	2390	710.5	82	2886	0	2968
7/1/2016	12	1099.8	2370	710.5	82	2884	0	2966
7/1/2016	13	1099.8	2370	710.6	82	2885	0	2966
7/1/2016	14	1099.7	2370	710.6	82	2885	0	2967
7/1/2016	15	1099.7	2370	710.6	82	2886	0	2967
7/1/2016	16	1099.7	2360	710.6	82	2886	0	2968
7/1/2016	17	1099.8	2350	710.6	82	2887	0	2969
7/1/2016	18	1099.7	2360	710.6	82	2776	0	2858
7/1/2016	19	1099.8	2360	710.6	82	2582	0	2664
7/1/2016	20	1099.8	2340	710.6	82	2394	0	2477
7/1/2016	21	1099.8	2370	710.6	82	2306	0	2388
7/1/2016	22	1099.8	2350	710.4	82	2306	0	2388
7/1/2016	23	1099.7	2390	710.3	82	2306	0	2388
7/1/2016	24	1099.8	2370	710.2	82	2305	0	2387
7/2/2016	1	1099.7	2360	710.1	82	2305	0	2387
7/2/2016	2	1099.7	2380	710.0	82	2304	0	2387
7/2/2016	3	1099.7	2380	710.0	82	2304	0	2386
7/2/2016	4	1099.7	2400	710.0	82	2303	0	2386
7/2/2016	5	1099.7	2370	709.9	82	2303	0	2385
7/2/2016	6	1099.7	2380	709.9	82	2302	0	2384
7/2/2016	7	1099.7	2350	709.9	82	2301	0	2384
7/2/2016	8	1099.7	2370	709.9	82	2301	0	2383
7/2/2016	9	1099.7	2370	709.9	82	2300	0	2382
7/2/2016	10	1099.7	2360	709.9	82	2299	0	2381
7/2/2016	11	1099.7	2410	709.9	82	2287	0	2369
7/2/2016	12	1099.7	2370	709.9	82	2103	0	2185
7/2/2016	13	1099.7	2340	709.8	82	1914	0	1996
7/2/2016	14	1099.6	2380	709.8	82	1719	0	1801
7/2/2016	15	1099.7	2360	709.8	82	1521	0	1603
7/2/2016	16	1099.7	2350	709.7	82	1335	0	1417
7/2/2016	17	1099.7	2370	709.5	82	1153	0	1235
7/2/2016	18	1099.7	2350	709.5	82	963	0	1046
7/2/2016	19	1099.7	2360	709.5	82	812	0	894
7/2/2016	20	1099.7	2340	709.6	82	715	0	797
7/2/2016	21	1099.7	2350	709.7	82	704	0	786
7/2/2016	22	1099.7	2340	709.7	83	704	0	786
7/2/2016	23	1099.7	2350	709.8	83	704	0	786

## 2016 Hourly Flow Data - July

7/2/2016	24	1099.7	2360	709.6	83	704	0	786
7/3/2016	1	1099.7	2360	709.3	83	704	0	786
7/3/2016	2	1099.7	2350	709.3	83	703	0	786
7/3/2016	3	1099.7	2360	709.9	83	703	0	786
7/3/2016	4	1099.7	2380	709.9	83	703	0	786
7/3/2016	5	1099.7	2370	709.6	83	703	0	786
7/3/2016	6	1099.7	2360	709.6	82	703	0	786
7/3/2016	7	1099.7	2360	709.4	83	703	0	786
7/3/2016	8	1099.7	2370	709.4	82	704	0	786
7/3/2016	9	1099.7	2380	709.7	82	704	0	786
7/3/2016	10	1099.7	2380	709.7	82	704	0	786
7/3/2016	11	1099.7	2360	709.8	83	703	0	786
7/3/2016	12	1099.8	2370	709.7	82	884	0	966
7/3/2016	13	1099.8	2400	709.8	82	1316	0	1399
7/3/2016	14	1099.8	2390	710.1	82	1762	0	1844
7/3/2016	15	1099.8	2370	710.3	82	1904	0	1986
7/3/2016	16	1099.8	2420	710.3	83	1904	0	1987
7/3/2016	17	1099.8	2370	710.2	82	1904	0	1987
7/3/2016	18	1099.8	2370	710.3	82	1904	0	1987
7/3/2016	19	1099.8	2350	710.3	82	1904	0	1986
7/3/2016	20	1099.8	2360	710.3	82	1903	0	1986
7/3/2016	21	1099.8	2340	710.3	82	1903	0	1985
7/3/2016	22	1099.8	2390	710.3	83	1902	0	1984
7/3/2016	23	1099.7	2360	710.4	83	1901	0	1984
7/3/2016	24	1099.7	2360	710.3	83	1900	0	1982
7/4/2016	1	1099.7	2370	710.2	83	1898	0	1981
7/4/2016	2	1099.7	2370	710.2	83	1898	0	1980
7/4/2016	3	1099.7	2380	710.3	82	1897	0	1979
7/4/2016	4	1099.7	2390	710.3	82	1896	0	1979
7/4/2016	5	1099.7	2380	710.2	82	1895	0	1978
7/4/2016	6	1099.7	2370	710.2	82	1895	0	1977
7/4/2016	7	1099.7	2380	710.0	82	1894	0	1977
7/4/2016	8	1099.7	2390	710.1	83	1894	0	1977
7/4/2016	9	1099.7	2410	710.0	82	1894	0	1976
7/4/2016	10	1099.7	2400	709.8	82	1894	0	1976
7/4/2016	11	1099.7	2400	709.8	82	1895	0	1977
7/4/2016	12	1099.6	2380	709.9	82	1895	0	1978
7/4/2016	13	1099.7	2400	709.8	82	1896	0	1978
7/4/2016	14	1099.7	2390	709.9	82	1896	0	1978
7/4/2016	15	1099.6	2390	710.0	82	1897	0	1979
7/4/2016	16	1099.7	2370	710.1	82	1898	0	1980
7/4/2016	17	1099.7	2370	710.1	82	1899	0	1982
7/4/2016	18	1099.7	2380	710.1	82	1900	0	1982
7/4/2016	19	1099.7	2350	709.9	82	1898	0	1981
7/4/2016	20	1099.7	2330	709.9	83	1897	0	1980
7/4/2016	21	1099.7	2330	710.0	82	1897	0	1979
7/4/2016	22	1099.6	2350	709.9	82	1897	0	1979
7/4/2016	23	1099.6	2370	710.0	82	1896	0	1978
7/4/2016	24	1099.6	2350	710.0	82	1896	0	1978
7/5/2016	1	1099.6	2340	710.2	82	1895	0	1978
7/5/2016	2	1099.6	2380	710.1	82	1894	0	1977
7/5/2016	3	1099.6	2350	709.9	82	1893	0	1976

## 2016 Hourly Flow Data - July

7/5/2016	4	1099.6	2350	709.8	82	1892	0	1975
7/5/2016	5	1099.6	2390	709.9	82	1891	0	1973
7/5/2016	6	1099.6	2390	710.0	82	1890	0	1972
7/5/2016	7	1099.6	2400	710.2	82	1889	0	1971
7/5/2016	8	1099.6	2390	710.3	82	1889	0	1971
7/5/2016	9	1099.6	2380	710.1	82	1889	0	1971
7/5/2016	10	1099.6	2400	709.8	82	1721	0	1803
7/5/2016	11	1099.6	2390	709.7	82	1532	0	1614
7/5/2016	12	1099.6	2370	709.7	82	1347	0	1429
7/5/2016	13	1099.6	2360	709.7	82	1156	0	1238
7/5/2016	14	1099.6	2390	709.6	82	964	0	1047
7/5/2016	15	1099.6	2350	709.5	82	774	0	856
7/5/2016	16	1099.6	2360	709.4	82	702	0	784
7/5/2016	17	1099.6	2370	709.4	82	655	0	738
7/5/2016	18	1099.6	2370	709.5	82	610	0	693
7/5/2016	19	1099.6	2370	709.7	83	566	0	648
7/5/2016	20	1099.6	2370	709.9	82	524	0	607
7/5/2016	21	1099.6	2370	710.0	82	520	0	602
7/5/2016	22	1099.6	2360	710.0	82	520	0	602
7/5/2016	23	1099.6	2350	709.9	82	520	0	602
7/5/2016	24	1099.6	2340	709.6	82	520	0	602
7/6/2016	1	1099.6	2370	709.4	82	520	0	602
7/6/2016	2	1099.6	2390	709.5	82	519	0	602
7/6/2016	3	1099.6	2370	709.5	82	519	0	602
7/6/2016	4	1099.5	2370	709.5	82	519	0	602
7/6/2016	5	1099.5	2400	709.5	82	519	0	602
7/6/2016	6	1099.5	2380	709.6	82	519	0	601
7/6/2016	7	1099.5	2370	709.6	82	475	0	557
7/6/2016	8	1099.5	2360	709.8	82	407	0	490
7/6/2016	9	1099.5	2390	710.0	82	405	0	488
7/6/2016	10	1099.5	2380	710.1	82	405	0	487
7/6/2016	11	1099.5	2410	710.0	82	405	0	487
7/6/2016	12	1099.5	2390	710.0	82	405	0	487
7/6/2016	13	1099.5	2390	709.9	82	404	0	486
7/6/2016	14	1099.5	2400	709.8	82	400	0	482
7/6/2016	15	1099.5	2380	709.8	82	388	0	470
7/6/2016	16	1099.5	2390	709.9	82	369	0	451
7/6/2016	17	1099.5	2380	709.9	82	345	0	426
7/6/2016	18	1099.5	2370	710.0	82	344	0	426
7/6/2016	19	1099.5	2380	710.0	82	344	0	426
7/6/2016	20	1099.5	2330	709.8	82	344	0	426
7/6/2016	21	1099.5	2360	709.9	82	344	0	426
7/6/2016	22	1099.5	2360	709.9	82	345	0	427
7/6/2016	23	1099.5	2330	709.8	82	345	0	427
7/6/2016	24	1099.5	2350	709.6	82	345	0	427
7/7/2016	1	1099.5	2350	709.7	82	345	0	427
7/7/2016	2	1099.5	2370	709.7	82	344	0	427
7/7/2016	3	1099.5	2380	709.9	82	345	0	427
7/7/2016	4	1099.5	2400	709.7	82	344	0	427
7/7/2016	5	1099.5	2410	709.5	82	344	0	426
7/7/2016	6	1099.5	2380	709.4	82	344	0	426
7/7/2016	7	1099.5	2370	709.5	82	344	0	426

## 2016 Hourly Flow Data - July

7/7/2016	8	1099.5	2390	709.8	82	323	0	406
7/7/2016	9	1099.5	2370	709.8	82	304	0	386
7/7/2016	10	1099.5	2390	709.8	82	280	0	362
7/7/2016	11	1099.5	2380	709.7	82	253	0	335
7/7/2016	12	1099.5	2370	709.5	82	226	0	308
7/7/2016	13	1099.5	2370	709.5	82	203	0	285
7/7/2016	14	1099.5	2380	709.6	82	180	0	262
7/7/2016	15	1099.5	2380	709.7	82	155	0	237
7/7/2016	16	1099.5	2370	709.7	82	132	0	214
7/7/2016	17	1099.5	2370	709.8	82	123	0	205
7/7/2016	18	1099.5	2360	709.8	82	123	0	205
7/7/2016	19	1099.5	2370	709.7	82	123	0	205
7/7/2016	20	1099.5	2370	709.7	82	123	0	205
7/7/2016	21	1099.5	2350	709.5	82	123	0	205
7/7/2016	22	1099.5	2350	709.4	82	123	0	205
7/7/2016	23	1099.5	2320	709.7	82	123	0	205
7/7/2016	24	1099.5	2360	709.6	82	123	0	205
7/8/2016	1	1099.5	2350	709.8	82	123	0	205
7/8/2016	2	1099.5	2380	709.8	82	123	0	205
7/8/2016	3	1099.5	2370	709.7	82	123	0	205
7/8/2016	4	1099.5	2380	709.3	82	123	0	205
7/8/2016	5	1099.5	2390	709.1	82	123	0	205
7/8/2016	6	1099.5	2370	709.0	82	123	0	205
7/8/2016	7	1099.5	2360	709.0	82	123	0	205
7/8/2016	8	1099.5	2370	709.2	82	123	0	205
7/8/2016	9	1099.5	2370	709.5	82	122	0	204
7/8/2016	10	1099.5	2380	709.6	82	122	0	204
7/8/2016	11	1099.5	2400	709.2	82	122	0	204
7/8/2016	12	1099.5	2380	709.2	82	122	0	204
7/8/2016	13	1099.5	2390	709.1	82	122	1	204
7/8/2016	14	1099.5	2400	709.4	82	121	2	205
7/8/2016	15	1099.5	2390	709.6	82	121	0	203
7/8/2016	16	1099.5	2360	709.5	78	126	0	203
7/8/2016	17	1099.5	2370	709.4	81	122	0	203
7/8/2016	18	1099.5	2370	709.5	81	122	0	203
7/8/2016	19	1099.5	2350	709.5	82	122	0	203
7/8/2016	20	1099.5	2360	709.5	82	122	0	203
7/8/2016	21	1099.5	2370	709.6	82	122	0	203
7/8/2016	22	1099.5	2340	709.4	82	122	0	203
7/8/2016	23	1099.5	2330	709.3	82	122	0	204
7/8/2016	24	1099.5	2330	709.2	82	122	0	204
7/9/2016	1	1099.5	2350	709.1	82	122	0	204
7/9/2016	2	1099.5	2380	709.0	82	122	0	204
7/9/2016	3	1099.5	2370	708.9	82	122	0	204
7/9/2016	4	1099.5	2370	708.9	82	122	0	204
7/9/2016	5	1099.5	2390	708.9	82	122	0	204
7/9/2016	6	1099.5	2350	708.9	82	122	0	204
7/9/2016	7	1099.5	2350	709.0	82	122	0	204
7/9/2016	8	1099.5	2360	709.2	82	119	0	201
7/9/2016	9	1099.5	2400	709.1	82	115	0	197
7/9/2016	10	1099.5	2390	709.0	83	115	0	197
7/9/2016	11	1099.5	2370	708.9	82	115	0	197

## 2016 Hourly Flow Data - July

7/9/2016	12	1099.5	2380	708.9	82	115	0	197
7/9/2016	13	1099.5	2390	708.9	82	115	0	197
7/9/2016	14	1099.5	2370	708.9	82	115	0	197
7/9/2016	15	1099.5	2360	709.0	82	115	0	197
7/9/2016	16	1099.5	2370	709.1	81	115	0	197
7/9/2016	17	1099.5	2340	709.2	81	115	0	197
7/9/2016	18	1099.5	2350	709.3	82	115	0	197
7/9/2016	19	1099.5	2360	709.4	82	115	0	197
7/9/2016	20	1099.5	2360	709.4	82	115	0	197
7/9/2016	21	1099.5	2350	709.3	82	115	0	197
7/9/2016	22	1099.5	2350	709.4	82	116	0	197
7/9/2016	23	1099.5	2350	709.4	82	116	0	197
7/9/2016	24	1099.5	2360	709.2	82	116	0	197
7/10/2016	1	1099.5	330	708.8	82	116	0	198
7/10/2016	2	1099.5	20	708.6	82	115	0	198
7/10/2016	3	1099.5	20	708.0	82	115	0	198
7/10/2016	4	1099.5	20	707.7	83	115	0	198
7/10/2016	5	1099.5	20	708.1	83	115	0	198
7/10/2016	6	1099.5	20	707.8	82	115	0	198
7/10/2016	7	1099.5	20	707.9	82	115	0	198
7/10/2016	8	1099.5	20	707.9	82	115	0	198
7/10/2016	9	1099.6	20	708.2	82	115	0	198
7/10/2016	10	1099.6	20	708.3	82	115	0	198
7/10/2016	11	1099.6	20	708.0	82	115	0	198
7/10/2016	12	1099.6	20	707.8	82	115	0	197
7/10/2016	13	1099.6	20	707.7	82	115	0	197
7/10/2016	14	1099.6	20	707.4	82	115	0	197
7/10/2016	15	1099.6	20	707.6	83	115	0	197
7/10/2016	16	1099.6	20	708.2	82	115	0	197
7/10/2016	17	1099.6	20	708.9	82	115	0	197
7/10/2016	18	1099.6	20	709.3	82	115	0	198
7/10/2016	19	1099.6	20	708.7	82	115	0	198
7/10/2016	20	1099.6	20	708.9	82	115	0	198
7/10/2016	21	1099.6	20	709.3	83	115	0	198
7/10/2016	22	1099.7	20	709.1	82	116	0	198
7/10/2016	23	1099.6	20	709.2	83	116	0	198
7/10/2016	24	1099.6	20	709.1	83	116	0	198
7/11/2016	1	1099.7	20	708.8	82	116	0	198
7/11/2016	2	1099.7	20	708.1	82	116	0	198
7/11/2016	3	1099.7	20	707.8	82	116	0	198
7/11/2016	4	1099.7	20	708.1	83	115	0	198
7/11/2016	5	1099.7	20	708.5	82	116	0	198
7/11/2016	6	1099.7	90	708.6	83	115	0	198
7/11/2016	7	1099.7	1630	709.1	82	116	0	198
7/11/2016	8	1099.7	1620	708.9	82	116	0	198
7/11/2016	9	1099.7	1620	708.9	82	116	0	198
7/11/2016	10	1099.7	1640	709.1	82	116	0	197
7/11/2016	11	1099.7	1630	709.2	82	115	0	197
7/11/2016	12	1099.7	1640	709.3	82	115	0	197
7/11/2016	13	1099.7	1640	709.3	82	115	0	197
7/11/2016	14	1099.7	1640	709.3	82	115	0	196
7/11/2016	15	1099.7	1640	709.2	69	127	0	196

## 2016 Hourly Flow Data - July

7/11/2016	16	1099.7	1630	709.1	71	125	0	196
7/11/2016	17	1099.7	1630	709.0	82	115	0	196
7/11/2016	18	1099.7	1660	709.2	81	115	0	196
7/11/2016	19	1099.7	1660	709.0	81	115	0	196
7/11/2016	20	1099.7	1670	708.9	82	115	0	196
7/11/2016	21	1099.7	1660	708.9	81	115	0	196
7/11/2016	22	1099.7	1670	708.9	82	115	0	197
7/11/2016	23	1099.7	210	708.8	82	114	0	197
7/11/2016	24	1099.7	60	709.1	83	114	0	197
7/12/2016	1	1099.7	2380	709.4	82	115	0	197
7/12/2016	2	1099.7	2390	709.5	82	115	0	197
7/12/2016	3	1099.7	2390	709.3	82	115	0	197
7/12/2016	4	1099.7	2400	709.1	82	115	0	197
7/12/2016	5	1099.7	2430	708.9	82	114	0	196
7/12/2016	6	1099.7	2400	708.9	82	114	0	196
7/12/2016	7	1099.7	2380	708.9	82	115	0	196
7/12/2016	8	1099.7	2340	709.0	82	118	0	200
7/12/2016	9	1099.6	2340	709.0	82	120	0	202
7/12/2016	10	1099.6	2370	709.2	82	120	0	202
7/12/2016	11	1099.6	2380	709.4	82	120	0	201
7/12/2016	12	1099.6	2380	709.6	82	119	0	201
7/12/2016	13	1099.6	2400	709.7	79	121	0	201
7/12/2016	14	1099.7	2420	709.9	82	118	0	201
7/12/2016	15	1099.7	2410	709.9	82	118	0	200
7/12/2016	16	1099.7	1960	709.5	82	118	0	200
7/12/2016	17	1099.7	1110	709.1	82	118	0	200
7/12/2016	18	1099.7	1920	709.4	82	118	0	200
7/12/2016	19	1099.7	2380	709.6	82	118	0	200
7/12/2016	20	1099.7	2380	709.7	82	118	0	200
7/12/2016	21	1099.7	2380	709.7	82	117	0	200
7/12/2016	22	1099.7	2370	709.7	82	117	0	200
7/12/2016	23	1099.6	2350	709.6	82	117	0	200
7/12/2016	24	1099.7	2370	709.4	82	117	0	200
7/13/2016	1	1099.7	2380	709.2	83	117	0	200
7/13/2016	2	1099.6	2380	709.3	82	117	0	200
7/13/2016	3	1099.6	2400	709.4	83	117	0	200
7/13/2016	4	1099.6	2410	709.4	82	117	0	200
7/13/2016	5	1099.7	2410	709.3	83	117	0	200
7/13/2016	6	1099.6	2400	709.3	82	117	0	200
7/13/2016	7	1099.6	2400	709.2	82	117	0	199
7/13/2016	8	1099.6	2390	709.2	82	117	0	199
7/13/2016	9	1099.6	2370	709.2	82	117	0	199
7/13/2016	10	1099.6	2400	709.5	82	120	0	202
7/13/2016	11	1099.6	2400	709.7	82	127	0	210
7/13/2016	12	1099.6	2400	709.7	82	128	0	210
7/13/2016	13	1099.6	2420	709.6	82	128	0	210
7/13/2016	14	1099.6	2410	709.5	82	128	0	210
7/13/2016	15	1099.6	2390	709.4	82	128	0	210
7/13/2016	16	1099.6	2370	709.3	82	128	0	210
7/13/2016	17	1099.6	2350	709.2	82	128	0	210
7/13/2016	18	1099.6	2360	709.4	82	128	0	210
7/13/2016	19	1099.6	2370	709.5	82	128	0	210

## 2016 Hourly Flow Data - July

7/13/2016	20	1099.6	2360	709.6	82	128	0	211
7/13/2016	21	1099.6	2360	709.7	82	129	0	211
7/13/2016	22	1099.6	2340	709.8	82	129	0	211
7/13/2016	23	1099.6	2340	709.8	82	129	0	211
7/13/2016	24	1099.6	2340	709.8	82	129	0	211
7/14/2016	1	1099.6	2380	709.9	82	129	0	212
7/14/2016	2	1099.6	2360	709.4	82	130	0	212
7/14/2016	3	1099.6	2360	709.0	82	130	0	212
7/14/2016	4	1099.6	2360	709.0	82	129	0	212
7/14/2016	5	1099.6	2400	709.4	82	129	0	212
7/14/2016	6	1099.6	2410	709.5	82	129	0	212
7/14/2016	7	1099.6	2380	709.6	82	129	0	212
7/14/2016	8	1099.6	2380	709.5	82	129	0	211
7/14/2016	9	1099.6	2380	709.4	82	129	0	211
7/14/2016	10	1099.6	2370	709.4	82	129	0	211
7/14/2016	11	1099.6	2420	709.6	82	129	0	211
7/14/2016	12	1099.6	2390	709.9	82	129	0	211
7/14/2016	13	1099.6	2370	709.9	82	129	0	211
7/14/2016	14	1099.6	2390	709.9	82	129	0	211
7/14/2016	15	1099.6	2390	709.9	82	129	0	211
7/14/2016	16	1099.6	2370	709.9	82	129	0	211
7/14/2016	17	1099.6	2360	710.0	82	129	0	211
7/14/2016	18	1099.6	2370	710.0	82	129	0	212
7/14/2016	19	1099.6	2370	709.9	82	130	0	212
7/14/2016	20	1099.6	2350	709.8	82	130	0	212
7/14/2016	21	1099.6	2360	709.7	82	130	0	212
7/14/2016	22	1099.6	2360	709.8	82	130	0	212
7/14/2016	23	1099.6	2360	709.7	82	130	0	212
7/14/2016	24	1099.6	2350	709.6	82	130	0	212
7/15/2016	1	1099.6	300	708.6	83	130	0	213
7/15/2016	2	1099.6	20	708.3	83	130	0	213
7/15/2016	3	1099.6	20	708.8	83	130	0	213
7/15/2016	4	1099.6	20	709.1	82	131	0	213
7/15/2016	5	1099.6	20	708.9	83	131	0	213
7/15/2016	6	1099.6	50	708.6	83	130	0	213
7/15/2016	7	1099.6	2300	709.2	82	131	0	213
7/15/2016	8	1099.6	2420	709.5	82	131	0	213
7/15/2016	9	1099.6	2380	710.1	82	131	0	213
7/15/2016	10	1099.6	2380	710.1	83	131	0	213
7/15/2016	11	1099.6	2410	710.2	82	131	0	213
7/15/2016	12	1099.6	2410	710.1	82	131	0	213
7/15/2016	13	1099.7	2380	709.9	82	130	0	212
7/15/2016	14	1099.6	2390	710.1	82	124	0	206
7/15/2016	15	1099.6	2390	710.2	82	124	0	206
7/15/2016	16	1099.6	2380	710.2	82	124	0	206
7/15/2016	17	1099.7	2370	710.5	82	124	0	206
7/15/2016	18	1099.7	2380	710.7	82	125	0	207
7/15/2016	19	1099.6	2400	710.7	82	125	0	207
7/15/2016	20	1099.6	2370	710.4	82	125	0	207
7/15/2016	21	1099.6	2380	710.3	83	125	0	208
7/15/2016	22	1099.6	2400	710.3	82	126	0	208
7/15/2016	23	1099.6	330	709.9	82	125	0	208

## 2016 Hourly Flow Data - July

7/15/2016	24	1099.6	20	709.8	83	125	0	208
7/16/2016	1	1099.6	20	709.3	83	125	0	208
7/16/2016	2	1099.6	20	709.2	83	125	0	208
7/16/2016	3	1099.6	20	708.9	83	125	0	208
7/16/2016	4	1099.6	20	708.9	83	126	0	208
7/16/2016	5	1099.6	20	708.3	83	126	0	208
7/16/2016	6	1099.6	130	708.5	83	126	0	208
7/16/2016	7	1099.6	2320	709.4	82	126	0	208
7/16/2016	8	1099.6	2390	709.5	82	109	0	191
7/16/2016	9	1099.6	2410	709.5	82	91	0	173
7/16/2016	10	1099.6	2410	709.4	82	70	0	152
7/16/2016	11	1099.6	2400	709.4	82	51	0	133
7/16/2016	12	1099.6	2400	709.5	82	31	0	113
7/16/2016	13	1099.6	2390	709.6	82	7	0	89
7/16/2016	14	1099.6	2400	709.8	82	0	0	82
7/16/2016	15	1099.6	2410	709.9	82	0	0	82
7/16/2016	16	1099.5	2410	709.8	82	0	0	82
7/16/2016	17	1099.6	2420	709.8	82	0	0	82
7/16/2016	18	1099.6	2340	709.7	82	0	0	82
7/16/2016	19	1099.6	2360	709.7	82	0	0	82
7/16/2016	20	1099.6	2350	709.7	82	0	0	82
7/16/2016	21	1099.6	2340	709.7	82	0	0	82
7/16/2016	22	1099.6	2340	709.7	82	0	0	82
7/16/2016	23	1099.6	340	709.2	82	0	0	82
7/16/2016	24	1099.6	20	708.9	82	0	0	82
7/17/2016	1	1099.6	20	708.6	83	0	0	83
7/17/2016	2	1099.6	20	708.6	83	0	0	83
7/17/2016	3	1099.6	20	708.6	83	0	0	83
7/17/2016	4	1099.6	20	708.6	83	0	0	83
7/17/2016	5	1099.6	20	708.6	83	0	0	83
7/17/2016	6	1099.6	160	708.7	83	0	0	83
7/17/2016	7	1099.6	1220	708.8	82	0	0	82
7/17/2016	8	1099.6	1240	709.0	82	0	0	82
7/17/2016	9	1099.6	1240	709.2	82	0	0	82
7/17/2016	10	1099.6	1230	709.2	82	0	0	82
7/17/2016	11	1099.6	1240	709.4	82	0	0	82
7/17/2016	12	1099.6	1230	709.3	82	0	0	82
7/17/2016	13	1099.6	1220	709.2	82	0	0	82
7/17/2016	14	1099.6	1230	709.3	82	0	0	82
7/17/2016	15	1099.6	1230	709.6	82	0	0	82
7/17/2016	16	1099.6	1190	709.7	82	0	0	82
7/17/2016	17	1099.6	1180	709.5	82	0	0	82
7/17/2016	18	1099.6	1180	709.7	82	0	0	82
7/17/2016	19	1099.6	1180	709.7	82	0	0	82
7/17/2016	20	1099.6	1180	710.0	82	0	0	82
7/17/2016	21	1099.6	1180	710.0	83	0	0	83
7/17/2016	22	1099.6	1180	710.2	83	0	0	83
7/17/2016	23	1099.6	1180	710.1	82	0	0	82
7/17/2016	24	1099.6	1170	709.9	83	0	0	83
7/18/2016	1	1099.6	1180	709.5	83	0	0	83
7/18/2016	2	1099.6	1180	709.0	83	0	0	83
7/18/2016	3	1099.6	1170	708.6	82	0	0	82

## 2016 Hourly Flow Data - July

7/18/2016	4	1099.7	1190	708.7	83	0	0	83
7/18/2016	5	1099.6	1200	708.9	83	0	0	83
7/18/2016	6	1099.7	1350	709.3	82	0	0	82
7/18/2016	7	1099.6	2430	709.8	82	0	0	82
7/18/2016	8	1099.7	2420	710.0	82	0	0	82
7/18/2016	9	1099.7	2410	709.8	82	0	0	82
7/18/2016	10	1099.6	2410	709.8	82	0	0	82
7/18/2016	11	1099.6	2430	709.8	82	0	0	82
7/18/2016	12	1099.6	2380	709.7	82	0	0	82
7/18/2016	13	1099.6	2410	709.8	82	0	0	82
7/18/2016	14	1099.6	2390	709.7	82	0	0	82
7/18/2016	15	1099.6	2410	709.7	82	0	0	82
7/18/2016	16	1099.6	1950	709.5	82	0	0	82
7/18/2016	17	1099.6	1920	709.5	82	0	0	82
7/18/2016	18	1099.7	1980	709.6	82	0	0	82
7/18/2016	19	1099.7	1970	709.6	82	0	0	82
7/18/2016	20	1099.7	1920	709.5	82	0	0	82
7/18/2016	21	1099.7	2070	709.4	82	0	0	82
7/18/2016	22	1099.7	2390	709.5	82	0	0	82
7/18/2016	23	1099.7	2410	709.4	82	0	0	82
7/18/2016	24	1099.7	2380	709.0	82	0	0	82
7/19/2016	1	1099.7	2400	709.2	82	0	0	82
7/19/2016	2	1099.7	2400	709.1	83	0	0	83
7/19/2016	3	1099.7	2410	708.8	82	0	0	82
7/19/2016	4	1099.6	2400	708.8	82	0	0	82
7/19/2016	5	1099.7	2430	708.8	83	0	0	83
7/19/2016	6	1099.7	2430	708.8	83	0	0	83
7/19/2016	7	1099.6	2420	708.8	82	0	0	82
7/19/2016	8	1099.6	2420	709.0	82	0	0	82
7/19/2016	9	1099.6	2420	709.1	82	0	0	82
7/19/2016	10	1099.6	2410	709.2	83	0	0	83
7/19/2016	11	1099.6	2430	709.2	83	0	0	83
7/19/2016	12	1099.6	2420	709.2	82	0	0	82
7/19/2016	13	1099.6	2420	709.2	82	0	0	82
7/19/2016	14	1099.6	2410	709.4	82	0	0	82
7/19/2016	15	1099.6	2350	709.5	82	0	0	82
7/19/2016	16	1099.6	2360	709.5	82	0	0	82
7/19/2016	17	1099.7	2380	709.6	82	0	0	82
7/19/2016	18	1099.6	2360	709.6	82	0	0	82
7/19/2016	19	1099.6	2360	709.6	82	0	0	82
7/19/2016	20	1099.6	2350	709.6	82	0	0	82
7/19/2016	21	1099.6	2350	709.6	82	0	0	82
7/19/2016	22	1099.6	2320	709.6	82	0	0	82
7/19/2016	23	1099.6	2360	709.6	82	0	0	82
7/19/2016	24	1099.6	2350	709.4	82	0	0	82
7/20/2016	1	1099.6	2370	709.0	82	0	0	82
7/20/2016	2	1099.6	2340	708.9	82	0	0	82
7/20/2016	3	1099.6	2370	709.1	83	0	0	83
7/20/2016	4	1099.6	2390	709.0	82	0	0	82
7/20/2016	5	1099.6	2400	709.1	82	0	0	82
7/20/2016	6	1099.6	2370	709.1	82	0	0	82
7/20/2016	7	1099.6	2380	709.1	82	0	0	82

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7/20/2016	8	1099.6	2390	709.2	82	0	0	82
7/20/2016	9	1099.6	2390	709.2	82	0	0	82
7/20/2016	10	1099.6	2370	709.4	82	0	0	82
7/20/2016	11	1099.6	2400	709.4	82	0	0	82
7/20/2016	12	1099.6	2400	709.4	82	0	0	82
7/20/2016	13	1099.6	2380	709.4	82	0	0	82
7/20/2016	14	1099.6	2370	709.4	82	0	0	82
7/20/2016	15	1099.6	2390	709.4	82	0	0	82
7/20/2016	16	1099.6	2350	709.4	82	0	0	82
7/20/2016	17	1099.6	2330	709.4	82	0	0	82
7/20/2016	18	1099.6	2340	709.5	82	0	0	82
7/20/2016	19	1099.6	2350	709.5	82	0	0	82
7/20/2016	20	1099.6	2320	709.5	82	0	0	82
7/20/2016	21	1099.6	2320	709.6	82	0	0	82
7/20/2016	22	1099.6	2350	709.6	82	0	0	82
7/20/2016	23	1099.6	2340	709.7	82	0	0	82
7/20/2016	24	1099.6	2350	709.7	83	0	0	83
7/21/2016	1	1099.6	2360	709.6	82	0	0	82
7/21/2016	2	1099.6	2370	709.8	83	0	0	83
7/21/2016	3	1099.6	2390	709.5	82	0	0	82
7/21/2016	4	1099.6	2370	709.1	82	0	0	82
7/21/2016	5	1099.6	2420	708.8	82	0	0	82
7/21/2016	6	1099.6	2390	709.0	82	0	0	82
7/21/2016	7	1099.6	2370	709.0	82	0	0	82
7/21/2016	8	1099.6	2390	709.2	82	0	0	82
7/21/2016	9	1099.6	2380	709.3	82	0	0	82
7/21/2016	10	1099.6	2370	709.5	82	0	0	82
7/21/2016	11	1099.6	2390	709.7	82	0	0	82
7/21/2016	12	1099.6	2380	709.5	82	0	0	82
7/21/2016	13	1099.6	2390	709.5	82	0	0	82
7/21/2016	14	1099.6	2390	709.9	82	0	0	82
7/21/2016	15	1099.6	2360	710.1	82	0	0	82
7/21/2016	16	1099.6	2350	710.1	82	0	0	82
7/21/2016	17	1099.6	2350	710.2	82	0	0	82
7/21/2016	18	1099.6	2350	710.3	83	0	0	83
7/21/2016	19	1099.6	2360	710.4	83	0	0	83
7/21/2016	20	1099.6	2350	710.4	83	0	0	83
7/21/2016	21	1099.7	2370	710.3	82	0	0	82
7/21/2016	22	1099.7	2360	710.3	82	0	0	82
7/21/2016	23	1099.6	2340	710.3	82	0	0	82
7/21/2016	24	1099.7	2350	710.3	82	0	0	82
7/22/2016	1	1099.6	970	709.4	82	0	0	82
7/22/2016	2	1099.6	830	707.9	82	0	0	82
7/22/2016	3	1099.7	840	707.7	82	0	0	82
7/22/2016	4	1099.6	840	708.0	82	0	0	82
7/22/2016	5	1099.6	850	707.8	82	0	0	82
7/22/2016	6	1099.6	930	708.1	83	0	0	83
7/22/2016	7	1099.6	2420	709.3	82	0	0	82
7/22/2016	8	1099.6	2400	709.6	82	0	0	82
7/22/2016	9	1099.6	2360	709.7	82	0	0	82
7/22/2016	10	1099.6	2380	709.6	82	0	0	82
7/22/2016	11	1099.6	2410	709.3	82	0	0	82

## 2016 Hourly Flow Data - July

7/22/2016	12	1099.7	2380	709.0	82	0	0	82
7/22/2016	13	1099.6	2390	708.9	82	0	0	82
7/22/2016	14	1099.6	2380	709.0	82	0	0	82
7/22/2016	15	1099.6	2380	709.3	82	0	0	82
7/22/2016	16	1099.6	2380	709.4	82	0	0	82
7/22/2016	17	1099.6	2370	709.3	82	0	0	82
7/22/2016	18	1099.6	2340	709.3	82	0	0	82
7/22/2016	19	1099.6	2370	709.2	82	0	0	82
7/22/2016	20	1099.6	2350	709.4	82	0	0	82
7/22/2016	21	1099.6	2380	709.4	83	0	0	83
7/22/2016	22	1099.6	2350	709.4	82	0	0	82
7/22/2016	23	1099.6	920	708.8	83	0	0	83
7/22/2016	24	1099.6	830	708.4	83	0	0	83
7/23/2016	1	1099.6	830	708.1	83	0	0	83
7/23/2016	2	1099.6	830	707.9	83	0	0	83
7/23/2016	3	1099.6	830	708.1	82	0	0	82
7/23/2016	4	1099.6	830	708.4	83	0	0	83
7/23/2016	5	1099.6	840	708.5	83	0	0	83
7/23/2016	6	1099.6	1010	708.5	82	0	0	82
7/23/2016	7	1099.6	2390	709.0	82	0	0	82
7/23/2016	8	1099.6	2370	709.0	82	0	0	82
7/23/2016	9	1099.6	2410	709.2	82	0	0	82
7/23/2016	10	1099.6	2390	709.4	82	0	0	82
7/23/2016	11	1099.6	2410	709.6	82	0	0	82
7/23/2016	12	1099.6	2360	709.6	82	0	0	82
7/23/2016	13	1099.6	2360	709.7	82	0	0	82
7/23/2016	14	1099.6	2370	709.7	82	0	0	82
7/23/2016	15	1099.6	2360	709.4	82	0	0	82
7/23/2016	16	1099.6	2370	709.4	82	0	0	82
7/23/2016	17	1099.6	2360	709.5	82	0	0	82
7/23/2016	18	1099.6	2350	709.6	82	0	0	82
7/23/2016	19	1099.6	2360	709.9	82	0	0	82
7/23/2016	20	1099.6	2340	709.9	82	0	0	82
7/23/2016	21	1099.6	2340	709.9	82	0	0	82
7/23/2016	22	1099.6	2340	709.6	82	0	0	82
7/23/2016	23	1099.6	960	708.9	83	0	0	83
7/23/2016	24	1099.6	830	708.6	83	0	0	83
7/24/2016	1	1099.6	60	708.6	83	0	0	83
7/24/2016	2	1099.6	20	709.0	83	0	0	83
7/24/2016	3	1099.6	20	708.7	83	0	0	83
7/24/2016	4	1099.6	20	708.6	83	0	0	83
7/24/2016	5	1099.6	20	708.5	83	0	0	83
7/24/2016	6	1099.6	20	708.4	83	0	0	83
7/24/2016	7	1099.6	20	708.3	83	0	0	83
7/24/2016	8	1099.6	20	708.5	83	0	0	83
7/24/2016	9	1099.6	20	708.3	83	0	0	83
7/24/2016	10	1099.6	20	708.4	83	0	0	83
7/24/2016	11	1099.6	20	709.0	83	0	0	83
7/24/2016	12	1099.6	20	709.1	83	0	0	83
7/24/2016	13	1099.6	20	708.7	83	0	0	83
7/24/2016	14	1099.6	20	708.5	83	0	0	83
7/24/2016	15	1099.6	20	708.5	83	0	0	83

## 2016 Hourly Flow Data - July

7/24/2016	16	1099.7	20	708.5	83	0	0	83
7/24/2016	17	1099.6	20	708.8	83	0	0	83
7/24/2016	18	1099.7	20	709.1	83	0	0	83
7/24/2016	19	1099.7	20	709.3	83	0	0	83
7/24/2016	20	1099.7	20	709.2	83	0	0	83
7/24/2016	21	1099.7	20	709.1	83	0	0	83
7/24/2016	22	1099.7	20	709.1	83	0	0	83
7/24/2016	23	1099.7	20	708.9	83	0	0	83
7/24/2016	24	1099.7	20	708.8	83	0	0	83
7/25/2016	1	1099.7	20	708.9	83	0	0	83
7/25/2016	2	1099.7	20	708.8	83	0	0	83
7/25/2016	3	1099.7	20	708.6	83	0	0	83
7/25/2016	4	1099.7	20	708.5	83	0	0	83
7/25/2016	5	1099.7	20	708.5	83	0	0	83
7/25/2016	6	1099.7	240	708.8	83	0	0	83
7/25/2016	7	1099.7	2430	709.6	82	0	0	82
7/25/2016	8	1099.7	2400	709.7	83	0	0	83
7/25/2016	9	1099.7	2400	709.6	83	0	31	114
7/25/2016	10	1099.7	2380	709.6	83	0	0	83
7/25/2016	11	1099.7	2390	709.5	82	0	0	82
7/25/2016	12	1099.7	2400	709.5	82	0	0	82
7/25/2016	13	1099.7	2390	709.6	82	0	0	82
7/25/2016	14	1099.7	2410	709.5	83	0	0	83
7/25/2016	15	1099.7	2400	709.5	83	0	0	83
7/25/2016	16	1099.7	2400	709.5	83	0	0	83
7/25/2016	17	1099.7	2400	709.4	83	0	0	83
7/25/2016	18	1099.7	2380	709.4	83	0	0	83
7/25/2016	19	1099.7	2380	709.5	83	0	0	83
7/25/2016	20	1099.7	2370	709.9	83	0	0	83
7/25/2016	21	1099.7	2370	709.9	83	0	0	83
7/25/2016	22	1099.7	2340	709.9	83	0	0	83
7/25/2016	23	1099.7	300	709.1	83	0	0	83
7/25/2016	24	1099.7	280	709.0	83	0	0	83
7/26/2016	1	1099.8	2390	709.3	83	0	0	83
7/26/2016	2	1099.8	2410	709.1	83	0	0	83
7/26/2016	3	1099.8	2390	709.1	83	0	0	83
7/26/2016	4	1099.8	2390	709.1	83	0	0	83
7/26/2016	5	1099.8	2420	708.9	83	0	0	83
7/26/2016	6	1099.8	2400	708.9	83	0	0	83
7/26/2016	7	1099.8	2410	708.9	83	0	0	83
7/26/2016	8	1099.8	2420	709.3	83	0	0	83
7/26/2016	9	1099.8	2380	709.6	83	0	0	83
7/26/2016	10	1099.7	2410	709.5	83	0	0	83
7/26/2016	11	1099.7	2400	709.5	83	0	0	83
7/26/2016	12	1099.7	2400	709.5	83	0	0	83
7/26/2016	13	1099.7	2410	709.5	83	0	0	83
7/26/2016	14	1099.7	2370	709.5	83	0	0	83
7/26/2016	15	1099.7	2340	709.6	83	0	0	83
7/26/2016	16	1099.7	2390	709.6	83	0	0	83
7/26/2016	17	1099.8	2390	709.6	83	0	0	83
7/26/2016	18	1099.8	2380	709.7	83	0	0	83
7/26/2016	19	1099.7	2380	709.7	83	0	0	83

## 2016 Hourly Flow Data - July

7/26/2016	20	1099.7	2360	709.8	83	0	0	83
7/26/2016	21	1099.7	2370	709.9	83	0	0	83
7/26/2016	22	1099.7	2360	710.0	83	0	0	83
7/26/2016	23	1099.7	2350	710.0	83	0	0	83
7/26/2016	24	1099.7	2370	709.6	83	0	0	83
7/27/2016	1	1099.8	2370	709.2	83	0	0	83
7/27/2016	2	1099.8	2360	709.0	83	0	0	83
7/27/2016	3	1099.7	2390	709.0	83	0	0	83
7/27/2016	4	1099.7	2360	709.0	83	0	0	83
7/27/2016	5	1099.7	2410	709.1	83	0	0	83
7/27/2016	6	1099.8	2420	709.0	83	0	0	83
7/27/2016	7	1099.7	2370	708.8	83	0	0	83
7/27/2016	8	1099.7	2380	708.8	83	0	0	83
7/27/2016	9	1099.7	2390	709.1	83	0	0	83
7/27/2016	10	1099.7	2400	709.3	83	0	0	83
7/27/2016	11	1099.7	2390	709.2	83	0	0	83
7/27/2016	12	1099.7	2380	709.3	83	0	0	83
7/27/2016	13	1099.7	2370	709.4	83	0	0	83
7/27/2016	14	1099.7	2390	709.4	83	0	0	83
7/27/2016	15	1099.7	2400	709.5	83	0	0	83
7/27/2016	16	1099.7	2380	709.5	83	0	0	83
7/27/2016	17	1099.7	2360	709.5	83	0	0	83
7/27/2016	18	1099.7	2370	709.6	83	0	0	83
7/27/2016	19	1099.7	2370	709.6	83	0	0	83
7/27/2016	20	1099.7	2370	709.8	83	0	0	83
7/27/2016	21	1099.7	2360	710.2	83	0	0	83
7/27/2016	22	1099.7	2360	710.3	83	0	0	83
7/27/2016	23	1099.7	2360	710.4	83	0	0	83
7/27/2016	24	1099.7	2360	710.3	83	0	0	83
7/28/2016	1	1099.7	2400	710.2	83	0	0	83
7/28/2016	2	1099.7	2380	709.9	83	0	0	83
7/28/2016	3	1099.7	2390	709.4	83	0	0	83
7/28/2016	4	1099.8	2410	709.3	83	0	0	83
7/28/2016	5	1099.7	2420	709.2	83	0	0	83
7/28/2016	6	1099.7	2390	709.0	83	0	0	83
7/28/2016	7	1099.7	2370	708.8	83	0	0	83
7/28/2016	8	1099.7	2360	708.8	83	0	0	83
7/28/2016	9	1099.7	2370	709.2	83	0	0	83
7/28/2016	10	1099.7	2400	709.1	83	0	0	83
7/28/2016	11	1099.7	2410	709.0	83	0	0	83
7/28/2016	12	1099.7	2400	709.1	83	0	1	84
7/28/2016	13	1099.7	2390	709.1	83	0	0	83
7/28/2016	14	1099.7	2390	709.1	83	0	0	83
7/28/2016	15	1099.7	2380	709.2	83	0	0	83
7/28/2016	16	1099.7	2390	709.2	83	0	0	83
7/28/2016	17	1099.7	2380	709.2	83	0	0	83
7/28/2016	18	1099.7	2360	709.3	83	0	0	83
7/28/2016	19	1099.7	2380	709.4	83	0	0	83
7/28/2016	20	1099.7	2340	709.4	83	0	0	83
7/28/2016	21	1099.7	2360	709.5	83	0	0	83
7/28/2016	22	1099.7	2360	709.7	83	0	0	83
7/28/2016	23	1099.7	2360	709.8	83	0	0	83

## 2016 Hourly Flow Data - July

7/28/2016	24	1099.7	2350	709.8	83	0	0	83
7/29/2016	1	1099.7	2350	709.9	83	0	0	83
7/29/2016	2	1099.7	2370	709.7	83	0	0	83
7/29/2016	3	1099.7	2380	709.7	83	0	0	83
7/29/2016	4	1099.7	2400	709.4	83	0	0	83
7/29/2016	5	1099.7	2400	709.1	83	0	0	83
7/29/2016	6	1099.7	2420	708.9	83	0	0	83
7/29/2016	7	1099.7	2390	709.0	83	0	0	83
7/29/2016	8	1099.7	2410	709.6	83	0	0	83
7/29/2016	9	1099.7	2380	709.6	83	0	0	83
7/29/2016	10	1099.7	2390	709.5	83	0	0	83
7/29/2016	11	1099.7	2400	709.6	83	0	0	83
7/29/2016	12	1099.7	2380	709.7	83	0	0	83
7/29/2016	13	1099.7	2380	709.7	83	0	0	83
7/29/2016	14	1099.7	2390	709.8	83	0	0	83
7/29/2016	15	1099.7	2390	709.8	83	0	0	83
7/29/2016	16	1099.7	2370	709.8	83	0	0	83
7/29/2016	17	1099.7	2360	709.8	83	0	0	83
7/29/2016	18	1099.7	2340	709.9	83	0	0	83
7/29/2016	19	1099.7	2360	709.9	83	0	0	83
7/29/2016	20	1099.7	2340	709.9	83	0	0	83
7/29/2016	21	1099.7	2370	710.0	83	0	0	83
7/29/2016	22	1099.8	2350	709.9	83	0	0	83
7/29/2016	23	1099.7	2360	709.9	83	0	0	83
7/29/2016	24	1099.7	2350	709.7	83	0	0	83
7/30/2016	1	1099.7	2360	709.6	83	0	0	83
7/30/2016	2	1099.7	2410	709.6	83	0	0	83
7/30/2016	3	1099.8	2370	709.0	83	0	0	83
7/30/2016	4	1099.7	2390	708.8	83	0	0	83
7/30/2016	5	1099.7	2410	708.8	83	0	0	83
7/30/2016	6	1099.7	2400	708.7	83	0	0	83
7/30/2016	7	1099.7	2380	708.7	83	0	0	83
7/30/2016	8	1099.7	2390	708.7	83	0	0	83
7/30/2016	9	1099.7	2400	708.7	83	0	0	83
7/30/2016	10	1099.7	2400	708.7	83	0	0	83
7/30/2016	11	1099.7	2390	708.8	83	0	0	83
7/30/2016	12	1099.7	2390	708.9	83	0	0	83
7/30/2016	13	1099.7	2380	709.0	83	0	0	83
7/30/2016	14	1099.7	2380	709.0	83	0	0	83
7/30/2016	15	1099.7	2380	709.1	83	0	0	83
7/30/2016	16	1099.7	2380	709.1	83	0	0	83
7/30/2016	17	1099.8	2360	709.1	83	0	0	83
7/30/2016	18	1099.8	2370	709.1	83	0	0	83
7/30/2016	19	1099.8	2350	709.2	83	0	0	83
7/30/2016	20	1099.8	2360	709.3	83	0	0	83
7/30/2016	21	1099.8	2370	709.4	83	0	0	83
7/30/2016	22	1099.8	2350	709.3	83	0	0	83
7/30/2016	23	1099.8	2360	709.1	83	0	0	83
7/30/2016	24	1099.8	2370	709.1	83	0	0	83
7/31/2016	1	1099.8	2350	708.9	83	0	0	83
7/31/2016	2	1099.7	2380	708.8	83	0	0	83
7/31/2016	3	1099.7	2370	708.7	83	0	0	83

## 2016 Hourly Flow Data - July

7/31/2016	4	1099.7	2380	708.7	83	0	0	83
7/31/2016	5	1099.7	2400	708.8	83	0	0	83
7/31/2016	6	1099.7	2400	708.8	83	0	0	83
7/31/2016	7	1099.7	2370	708.7	83	0	0	83
7/31/2016	8	1099.7	2400	708.7	83	0	0	83
7/31/2016	9	1099.7	2400	708.8	83	0	0	83
7/31/2016	10	1099.7	2400	709.0	83	0	0	83
7/31/2016	11	1099.7	2400	709.3	83	0	0	83
7/31/2016	12	1099.7	2410	709.2	83	0	0	83
7/31/2016	13	1099.7	2400	709.1	83	0	0	83
7/31/2016	14	1099.7	2390	709.3	83	0	0	83
7/31/2016	15	1099.7	2380	709.2	83	0	0	83
7/31/2016	16	1099.7	2380	709.1	83	0	0	83
7/31/2016	17	1099.7	2360	709.1	83	0	0	83
7/31/2016	18	1099.7	2370	709.2	83	0	0	83
7/31/2016	19	1099.7	2390	709.2	83	0	0	83
7/31/2016	20	1099.7	2360	709.2	83	0	0	83
7/31/2016	21	1099.7	2370	709.3	83	0	0	83
7/31/2016	22	1099.7	2380	709.3	83	0	0	83
7/31/2016	23	1099.7	2390	709.4	83	0	0	83
7/31/2016	24	1099.6	2390	709.3	83	0	0	83