

From: [Whiteman, Martha](#)
To: [Whiteman, Martha](#)
Subject: FW: 2018 - 2nd Quarter Chelan River Hourly and Daily Average Flow Data
Date: Thursday, August 02, 2018 10:31:25 AM
Attachments: [2018 Daily Average Flow Data 2nd Quarterly Report.pdf](#)
[2018 Hourly Flow Data 2nd Quarterly Report.pdf](#)

From: Hopkins, Scott

Sent: Wednesday, July 25, 2018 2:44 PM

To: Ashley Rawhouser ; Bob Rose ; Breean Zimmerman ; Buehn, Scott ; 'Carl Merkle (carlmerkle@ctuir.com)' ; Clement, Marcie ; David Bowen ; Emily Johnson ; Graham Simon ; Hugh Anthony ; Jim Pacheco ; Justin Yeager ; Kari Grover Wier ; M. Cooney ; Mark Peterschmidt ; Nick Elwell ; Osborn, Jeff ; Paul Willard ; Phil Archibald ; Richard Uhlhorn ; Smith, Michelle ; Sokolowski, Rosana ; Steve Lewis ; Thomas O'Keefe ; 'tom.ernsberger@parks.wa.gov' ; 'nona.snell@rco.wa.gov' ; Towey, Bill ; Travis Maitland ; Underwood, Alene ; Von Reis, Charles ; Willard, Catherine

Subject: 2018 - 2nd Quarter Chelan River Hourly and Daily Average Flow Data

PUBLIC UTILITY DISTRICT NO. 1 of CHELAN COUNTY

P.O. Box 1231, Wenatchee, WA 98807-1231 • 327 N. Wenatchee Ave., Wenatchee, WA 98801
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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)
Lake Chelan Sportsman Association
United States Geological Survey
Washington State Parks and Recreation Commission
Washington State Recreation and Conservation Office
City of Chelan
Manson Parks and Recreation Department
Lake Chelan Recreation Association
American Whitewater

From: Scott Hopkins, Fisheries Biologist II
Public Utility District No. 1 of Chelan County (Chelan PUD)
scott.hopkins@chelanpud.org
(509)661-4763

Re: Lake Chelan Hydroelectric Project No. 637 (Project)

License Article 405a - 2018 Hourly and Daily Average Flow Data 2nd
Quarterly Report

Dear Chelan River Fishery Forum and Other Parties:

This email is to provide you, in the attached files, with the written flow information for the second quarter of 2018, which includes monthly flow information for April - June. This Quarterly 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 (link below).

<http://www.chelanpud.org/hydropower/licensing-and-compliance/lake-chelan-license-implementation/resource-documents>

Data during times of maintenance or calibration events have been denoted with "NA" to designate these periods when data was either unavailable or inaccurate. Noteworthy events labeled with "NA" are explained below.

- 1) 4/12/18 - Lake Chelan Elevation gage error which led to incorrect automated data.

Please feel free to call or email any questions or concerns.

Scott Hopkins

Fisheries Biologist

Chelan County PUD

509-661-4763 (office)

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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)
4/1/2018	1	1085.7	60	708.0	85	0	198	283
4/1/2018	2	1085.7	10	707.7	85	0	197	283
4/1/2018	3	1085.7	10	707.4	85	0	196	281
4/1/2018	4	1085.7	10	707.1	85	0	195	280
4/1/2018	5	1085.7	10	707.0	85	0	195	280
4/1/2018	6	1085.7	10	706.8	85	0	195	280
4/1/2018	7	1085.7	10	706.5	85	0	194	279
4/1/2018	8	1085.7	10	706.3	85	0	193	278
4/1/2018	9	1085.7	10	706.2	85	0	195	280
4/1/2018	10	1085.7	10	707.0	85	0	197	282
4/1/2018	11	1085.7	10	707.2	85	0	196	281
4/1/2018	12	1085.7	10	707.6	85	0	194	279
4/1/2018	13	1085.7	10	707.8	85	0	196	281
4/1/2018	14	1085.7	10	708.1	85	0	197	282
4/1/2018	15	1085.7	10	708.3	85	0	198	283
4/1/2018	16	1085.7	10	708.5	85	0	198	283
4/1/2018	17	1085.7	10	709.1	85	0	200	285
4/1/2018	18	1085.7	10	709.5	85	0	201	286
4/1/2018	19	1085.7	10	709.6	85	0	200	286
4/1/2018	20	1085.7	10	709.1	85	0	200	285
4/1/2018	21	1085.7	10	708.8	85	0	200	285
4/1/2018	22	1085.7	10	708.5	85	0	199	284
4/1/2018	23	1085.7	10	708.3	85	0	196	281
4/1/2018	24	1085.7	10	707.8	85	0	196	281
4/2/2018	1	1085.7	10	707.8	85	0	196	281
4/2/2018	2	1085.7	10	708.0	85	0	197	282
4/2/2018	3	1085.7	10	707.6	85	0	196	281
4/2/2018	4	1085.7	10	707.4	85	0	195	280
4/2/2018	5	1085.7	10	707.3	85	0	195	280
4/2/2018	6	1085.7	10	706.9	85	0	194	279
4/2/2018	7	1085.7	10	706.7	85	0	194	279
4/2/2018	8	1085.7	10	706.6	85	0	194	279
4/2/2018	9	1085.7	10	706.6	85	0	194	279
4/2/2018	10	1085.7	10	707.1	85	0	196	281
4/2/2018	11	1085.7	10	707.1	85	0	196	281
4/2/2018	12	1085.7	10	707.5	85	0	197	282
4/2/2018	13	1085.7	10	707.6	85	0	198	283
4/2/2018	14	1085.7	10	707.9	85	0	196	282
4/2/2018	15	1085.7	10	708.1	85	0	196	281
4/2/2018	16	1085.7	10	708.2	85	0	196	282
4/2/2018	17	1085.7	10	708.5	85	0	197	282
4/2/2018	18	1085.7	10	708.9	85	0	198	283
4/2/2018	19	1085.7	10	709.5	85	0	199	284
4/2/2018	20	1085.7	10	709.3	85	0	200	285
4/2/2018	21	1085.7	10	709.0	85	0	199	284
4/2/2018	22	1085.7	10	709.1	85	0	200	285
4/2/2018	23	1085.8	10	708.9	85	0	200	285

4/2/2018	24	1085.8	10	709.0	85	0	201	285
4/3/2018	1	1085.8	10	709.2	85	0	201	286
4/3/2018	2	1085.8	10	709.4	85	0	202	288
4/3/2018	3	1085.8	10	709.7	85	0	202	287
4/3/2018	4	1085.8	10	709.6	85	0	202	287
4/3/2018	5	1085.8	10	709.3	85	0	201	286
4/3/2018	6	1085.8	10	709.1	85	0	201	286
4/3/2018	7	1085.8	10	709.5	85	0	201	287
4/3/2018	8	1085.8	10	710.0	85	0	203	288
4/3/2018	9	1085.8	10	710.1	85	0	204	289
4/3/2018	10	1085.8	10	710.0	85	0	205	290
4/3/2018	11	1085.8	10	709.8	85	0	204	289
4/3/2018	12	1085.8	10	709.9	85	0	204	289
4/3/2018	13	1085.8	10	709.8	85	0	203	288
4/3/2018	14	1085.8	10	709.4	85	0	203	288
4/3/2018	15	1085.8	10	709.4	85	0	202	287
4/3/2018	16	1085.8	10	709.2	85	0	201	286
4/3/2018	17	1085.8	10	709.3	85	0	201	286
4/3/2018	18	1085.8	10	709.4	85	0	200	285
4/3/2018	19	1085.8	10	709.1	85	0	200	285
4/3/2018	20	1085.8	10	709.0	85	0	200	285
4/3/2018	21	1085.8	10	709.0	85	0	200	285
4/3/2018	22	1085.8	10	708.4	85	0	197	282
4/3/2018	23	1085.8	10	708.0	85	0	196	281
4/3/2018	24	1085.8	10	707.9	85	0	197	282
4/4/2018	1	1085.8	10	707.8	85	0	198	283
4/4/2018	2	1085.8	10	708.0	85	0	198	283
4/4/2018	3	1085.8	10	708.0	85	0	198	283
4/4/2018	4	1085.8	10	707.9	85	0	197	283
4/4/2018	5	1085.8	10	708.0	85	0	198	283
4/4/2018	6	1085.8	10	708.0	85	0	197	282
4/4/2018	7	1085.8	10	708.0	85	0	198	283
4/4/2018	8	1085.8	10	708.2	85	0	198	283
4/4/2018	9	1085.8	10	708.2	85	0	198	283
4/4/2018	10	1085.8	10	708.0	85	0	197	282
4/4/2018	11	1085.8	10	707.6	85	0	197	282
4/4/2018	12	1085.8	10	707.3	85	0	197	282
4/4/2018	13	1085.8	10	707.1	85	0	196	282
4/4/2018	14	1085.8	10	706.9	85	0	196	281
4/4/2018	15	1085.8	10	707.0	85	0	195	280
4/4/2018	16	1085.8	10	707.0	85	0	195	281
4/4/2018	17	1085.9	10	707.4	85	0	196	282
4/4/2018	18	1085.9	10	707.4	85	0	197	281
4/4/2018	19	1085.9	10	707.4	85	0	197	282
4/4/2018	20	1085.9	10	707.8	85	0	197	282
4/4/2018	21	1085.9	10	708.1	85	0	198	283
4/4/2018	22	1085.9	10	708.1	85	0	198	283
4/4/2018	23	1085.9	10	708.0	85	0	198	283
4/4/2018	24	1085.9	10	708.2	85	0	200	285
4/5/2018	1	1085.9	10	708.6	85	0	199	284
4/5/2018	2	1085.9	10	708.4	85	0	200	285
4/5/2018	3	1085.9	10	708.2	85	0	199	284

4/5/2018	4	1085.9	10	708.2	85	0	199	284
4/5/2018	5	1085.9	10	708.2	85	0	200	285
4/5/2018	6	1085.9	10	707.8	85	0	198	283
4/5/2018	7	1085.9	10	707.2	85	0	196	281
4/5/2018	8	1085.9	10	707.2	85	0	196	281
4/5/2018	9	1085.9	10	707.1	85	0	196	281
4/5/2018	10	1085.9	10	707.1	85	0	196	281
4/5/2018	11	1085.9	10	706.7	83	0	196	279
4/5/2018	12	1085.9	10	706.6	83	0	194	278
4/5/2018	13	1085.9	10	706.7	89	0	195	284
4/5/2018	14	1085.9	10	706.6	249	0	195	443
4/5/2018	15	1085.9	10	706.5	305	0	163	468
4/5/2018	16	1085.9	10	706.9	285	0	0	285
4/5/2018	17	1085.9	10	707.2	275	0	0	275
4/5/2018	18	1085.9	10	707.4	275	0	0	275
4/5/2018	19	1085.9	10	707.3	275	0	0	275
4/5/2018	20	1085.9	10	707.4	275	0	0	275
4/5/2018	21	1085.9	10	707.5	275	0	0	275
4/5/2018	22	1085.9	10	707.4	275	0	0	275
4/5/2018	23	1085.9	10	707.8	275	0	0	275
4/5/2018	24	1085.9	10	707.8	275	0	0	275
4/6/2018	1	1085.9	10	708.0	275	0	0	275
4/6/2018	2	1085.9	10	707.8	275	0	0	275
4/6/2018	3	1085.9	10	707.7	275	0	0	275
4/6/2018	4	1085.9	10	707.8	275	0	0	275
4/6/2018	5	1085.9	10	707.9	275	0	0	275
4/6/2018	6	1085.9	10	707.9	275	0	0	275
4/6/2018	7	1085.9	670	708.1	275	0	0	275
4/6/2018	8	1086.0	830	708.1	260	0	0	260
4/6/2018	9	1086.0	830	708.0	240	0	23	263
4/6/2018	10	1086.0	820	707.9	223	0	49	272
4/6/2018	11	1086.0	820	707.7	207	0	59	266
4/6/2018	12	1086.0	830	707.6	191	0	84	276
4/6/2018	13	1086.0	830	707.6	175	0	97	271
4/6/2018	14	1086.0	830	707.6	159	0	96	255
4/6/2018	15	1086.0	840	707.8	144	0	114	258
4/6/2018	16	1086.0	840	707.8	136	0	144	280
4/6/2018	17	1086.0	840	708.0	135	0	145	280
4/6/2018	18	1086.0	840	708.2	135	0	145	280
4/6/2018	19	1086.0	830	708.4	135	0	146	281
4/6/2018	20	1086.0	840	708.3	135	0	146	281
4/6/2018	21	1086.0	830	708.3	135	0	146	281
4/6/2018	22	1086.0	830	708.2	135	0	146	281
4/6/2018	23	1086.0	90	708.1	135	0	146	281
4/6/2018	24	1086.0	10	708.0	135	0	145	280
4/7/2018	1	1086.0	10	708.0	135	0	146	281
4/7/2018	2	1086.0	10	707.9	135	0	146	281
4/7/2018	3	1086.0	10	707.6	135	0	145	280
4/7/2018	4	1086.0	10	707.5	135	0	144	279
4/7/2018	5	1086.0	10	707.5	135	0	145	280
4/7/2018	6	1086.0	60	707.3	135	0	144	279
4/7/2018	7	1086.0	830	707.6	135	0	145	280

4/7/2018	8	1086.0	820	707.5	135	0	146	281
4/7/2018	9	1086.0	830	707.4	135	0	144	279
4/7/2018	10	1086.0	830	707.4	135	0	144	279
4/7/2018	11	1086.0	830	707.3	135	0	143	278
4/7/2018	12	1086.0	830	707.3	135	0	144	279
4/7/2018	13	1086.0	830	707.4	135	0	143	278
4/7/2018	14	1086.0	830	707.6	135	0	144	279
4/7/2018	15	1086.0	840	707.9	135	0	145	279
4/7/2018	16	1086.0	830	708.1	135	0	145	280
4/7/2018	17	1086.0	840	708.2	135	0	145	280
4/7/2018	18	1086.0	840	708.3	135	0	145	280
4/7/2018	19	1086.0	840	708.3	135	0	146	281
4/7/2018	20	1086.0	830	708.3	135	0	146	281
4/7/2018	21	1086.0	830	708.3	135	0	146	281
4/7/2018	22	1086.0	830	708.1	135	0	144	279
4/7/2018	23	1086.0	140	708.3	135	0	145	280
4/7/2018	24	1086.0	10	708.8	135	0	146	281
4/8/2018	1	1086.0	10	709.0	135	0	147	282
4/8/2018	2	1086.0	10	708.9	135	0	147	282
4/8/2018	3	1086.0	10	709.1	135	0	147	282
4/8/2018	4	1086.0	10	709.2	135	0	147	282
4/8/2018	5	1086.0	10	709.2	135	0	147	282
4/8/2018	6	1086.1	10	709.1	135	0	147	282
4/8/2018	7	1086.1	10	709.0	135	0	146	281
4/8/2018	8	1086.1	170	709.0	135	0	147	282
4/8/2018	9	1086.1	1890	709.2	135	0	147	282
4/8/2018	10	1086.1	1290	709.0	135	0	146	281
4/8/2018	11	1086.1	10	708.9	135	0	146	281
4/8/2018	12	1086.1	10	708.8	135	0	146	281
4/8/2018	13	1086.1	10	708.3	135	0	145	280
4/8/2018	14	1086.1	10	708.1	135	0	144	279
4/8/2018	15	1086.1	10	708.7	135	0	145	280
4/8/2018	16	1086.1	10	708.8	135	0	144	279
4/8/2018	17	1086.1	10	708.3	135	0	143	278
4/8/2018	18	1086.1	10	708.8	135	0	144	279
4/8/2018	19	1086.1	10	708.6	135	0	144	279
4/8/2018	20	1086.1	10	709.0	135	0	145	280
4/8/2018	21	1086.1	10	709.3	135	0	145	280
4/8/2018	22	1086.1	10	709.3	135	0	145	280
4/8/2018	23	1086.1	10	708.8	135	0	146	281
4/8/2018	24	1086.1	10	708.8	135	0	146	281
4/9/2018	1	1086.1	10	708.9	135	0	146	281
4/9/2018	2	1086.1	10	709.3	135	0	147	282
4/9/2018	3	1086.2	10	709.5	135	0	148	283
4/9/2018	4	1086.2	10	709.6	135	0	148	283
4/9/2018	5	1086.2	10	709.4	135	0	148	283
4/9/2018	6	1086.2	90	709.3	135	0	148	283
4/9/2018	7	1086.2	840	709.5	135	0	147	282
4/9/2018	8	1086.2	820	709.5	124	0	147	271
4/9/2018	9	1086.2	830	709.7	107	0	148	255
4/9/2018	10	1086.2	830	709.7	91	0	153	244
4/9/2018	11	1086.2	830	709.5	85	0	167	252

4/9/2018	12	1086.2	840	709.5	85	0	177	262
4/9/2018	13	1086.2	840	709.6	85	0	200	285
4/9/2018	14	1086.2	840	709.8	85	0	202	287
4/9/2018	15	1086.2	840	709.9	85	0	201	286
4/9/2018	16	1086.2	850	709.8	85	0	201	286
4/9/2018	17	1086.2	840	709.6	85	0	200	285
4/9/2018	18	1086.2	850	709.6	85	0	200	285
4/9/2018	19	1086.2	840	709.6	85	0	200	285
4/9/2018	20	1086.2	840	709.4	85	0	199	285
4/9/2018	21	1086.2	830	709.3	85	0	200	285
4/9/2018	22	1086.2	830	709.4	85	0	200	285
4/9/2018	23	1086.2	120	708.9	85	0	199	284
4/9/2018	24	1086.2	10	708.1	85	0	197	282
4/10/2018	1	1086.2	10	707.9	85	0	197	282
4/10/2018	2	1086.2	10	707.5	85	0	195	280
4/10/2018	3	1086.2	10	707.2	85	0	194	280
4/10/2018	4	1086.3	10	706.8	85	0	194	279
4/10/2018	5	1086.3	10	706.7	85	0	194	279
4/10/2018	6	1086.3	10	706.4	85	0	193	278
4/10/2018	7	1086.3	10	706.7	85	0	193	278
4/10/2018	8	1086.3	10	707.1	85	0	194	279
4/10/2018	9	1086.3	10	706.9	85	0	194	279
4/10/2018	10	1086.3	10	707.2	85	0	195	279
4/10/2018	11	1086.3	10	707.2	85	0	194	279
4/10/2018	12	1086.3	10	707.7	85	0	195	280
4/10/2018	13	1086.3	10	707.9	85	0	196	281
4/10/2018	14	1086.3	10	708.0	85	0	196	281
4/10/2018	15	1086.3	10	708.1	85	0	196	281
4/10/2018	16	1086.3	10	708.5	85	0	196	282
4/10/2018	17	1086.3	10	708.7	85	0	196	281
4/10/2018	18	1086.3	10	709.0	85	0	197	282
4/10/2018	19	1086.3	10	709.1	85	0	197	282
4/10/2018	20	1086.3	10	709.5	85	0	199	284
4/10/2018	21	1086.4	10	709.3	85	0	198	283
4/10/2018	22	1086.4	10	709.2	85	0	199	284
4/10/2018	23	1086.4	10	709.1	85	0	198	283
4/10/2018	24	1086.4	10	708.8	85	0	198	283
4/11/2018	1	1086.4	10	708.6	85	0	198	283
4/11/2018	2	1086.4	10	708.6	85	0	197	282
4/11/2018	3	1086.4	10	708.3	85	0	197	282
4/11/2018	4	1086.4	10	708.3	85	0	197	282
4/11/2018	5	1086.4	10	708.1	85	0	196	281
4/11/2018	6	1086.4	60	707.9	85	0	196	281
4/11/2018	7	1086.4	860	708.1	85	0	196	281
4/11/2018	8	1086.4	850	708.6	85	0	197	282
4/11/2018	9	1086.4	850	708.8	85	0	198	283
4/11/2018	10	1086.4	860	708.9	85	0	198	283
4/11/2018	11	1086.4	850	708.7	85	0	197	282
4/11/2018	12	1086.4	860	708.5	85	0	197	282
4/11/2018	13	1086.4	850	708.7	85	0	197	282
4/11/2018	14	1086.4	860	708.8	85	0	197	282
4/11/2018	15	1086.4	860	708.5	85	0	196	281

4/11/2018	16	1086.4	860	708.6	85	0	196	281
4/11/2018	17	1086.4	860	708.6	85	0	197	282
4/11/2018	18	1086.4	870	708.6	85	0	198	283
4/11/2018	19	1086.4	860	708.5	85	0	197	282
4/11/2018	20	1086.4	850	708.4	85	0	197	282
4/11/2018	21	1086.4	840	708.5	85	0	197	282
4/11/2018	22	1086.5	850	708.6	85	0	197	282
4/11/2018	23	1086.5	110	708.3	85	0	198	283
4/11/2018	24	1086.5	10	708.3	85	0	197	282
4/12/2018	1	1086.5	10	708.5	85	0	197	282
4/12/2018	2	1086.5	10	708.2	85	0	196	281
4/12/2018	3	1086.5	10	708.2	85	0	197	282
4/12/2018	4	1086.5	10	708.8	85	0	198	283
4/12/2018	5	1086.5	10	708.8	85	0	197	282
4/12/2018	6	1086.5	10	709.0	85	0	197	282
4/12/2018	7	1086.5	10	708.8	85	0	197	282
4/12/2018	8	1086.5	10	708.9	85	0	197	282
4/12/2018	9	1086.5	10	708.7	85	0	197	282
4/12/2018	10	1086.5	10	708.8	85	0	197	282
4/12/2018	11	1086.2	10	708.8	85	0	196	281
4/12/2018	12	NA	10	709.0	85	0	197	282
4/12/2018	13	NA	10	709.1	85	0	197	282
4/12/2018	14	NA	10	709.4	85	0	198	283
4/12/2018	15	NA	10	709.5	85	0	198	283
4/12/2018	16	NA	10	709.4	85	0	197	282
4/12/2018	17	NA	10	708.9	85	0	197	282
4/12/2018	18	NA	10	709.2	85	0	197	282
4/12/2018	19	NA	10	709.3	85	0	197	283
4/12/2018	20	NA	10	709.1	85	0	197	282
4/12/2018	21	NA	10	708.9	85	0	197	282
4/12/2018	22	NA	10	708.6	85	0	196	281
4/12/2018	23	NA	10	708.6	85	0	198	283
4/12/2018	24	NA	10	708.2	85	0	196	281
4/13/2018	1	NA	10	708.0	85	0	195	280
4/13/2018	2	NA	10	707.9	85	0	195	280
4/13/2018	3	NA	10	707.6	85	0	194	279
4/13/2018	4	NA	10	707.7	85	0	195	280
4/13/2018	5	NA	10	707.7	85	0	195	280
4/13/2018	6	NA	100	708.0	85	0	196	281
4/13/2018	7	NA	1250	708.7	85	0	198	283
4/13/2018	8	NA	900	709.1	85	0	198	283
4/13/2018	9	NA	830	709.2	85	0	199	284
4/13/2018	10	1087.0	840	709.3	85	0	199	284
4/13/2018	11	1087.0	830	708.9	86	0	198	283
4/13/2018	12	1087.0	840	708.7	85	0	197	282
4/13/2018	13	1087.0	840	708.7	85	0	197	282
4/13/2018	14	1087.0	840	709.1	85	0	198	283
4/13/2018	15	1087.0	840	709.2	85	0	198	283
4/13/2018	16	1086.9	840	709.1	85	0	197	282
4/13/2018	17	1086.7	840	709.2	85	0	197	282
4/13/2018	18	1086.7	840	709.2	85	0	198	283
4/13/2018	19	1086.7	840	709.6	85	0	200	285

4/13/2018	20	1086.7	840	709.8	85	0	200	285
4/13/2018	21	1086.7	840	709.7	85	0	199	284
4/13/2018	22	1086.7	770	709.7	85	0	200	285
4/13/2018	23	1086.8	10	710.1	85	0	201	286
4/13/2018	24	1086.8	10	710.4	85	0	200	285
4/14/2018	1	1086.8	10	710.1	85	0	200	285
4/14/2018	2	1086.7	10	709.7	85	0	199	284
4/14/2018	3	1086.8	10	709.6	85	0	199	284
4/14/2018	4	1086.8	10	709.6	85	0	199	284
4/14/2018	5	1086.8	10	709.5	85	0	199	284
4/14/2018	6	1086.8	70	709.3	85	0	198	283
4/14/2018	7	1086.8	840	709.4	85	0	198	284
4/14/2018	8	1086.8	840	709.8	85	0	199	284
4/14/2018	9	1086.8	840	710.1	85	0	200	285
4/14/2018	10	1086.8	840	710.3	85	0	201	286
4/14/2018	11	1086.8	840	710.3	85	0	201	286
4/14/2018	12	1086.8	840	710.4	85	0	200	285
4/14/2018	13	1086.8	840	710.3	85	0	200	285
4/14/2018	14	1086.8	840	710.1	85	0	199	284
4/14/2018	15	1086.8	850	709.7	85	0	199	284
4/14/2018	16	1086.8	840	709.8	85	0	199	284
4/14/2018	17	1086.8	850	709.9	85	0	200	286
4/14/2018	18	1086.8	850	709.9	85	0	200	285
4/14/2018	19	1086.8	850	709.7	85	0	199	284
4/14/2018	20	1086.8	840	709.6	85	0	198	284
4/14/2018	21	1086.9	840	709.5	85	0	199	284
4/14/2018	22	1086.8	840	709.4	85	0	199	284
4/14/2018	23	1086.9	10	709.3	85	0	198	283
4/14/2018	24	1086.9	10	709.1	85	0	198	283
4/15/2018	1	1086.9	10	708.8	85	0	197	282
4/15/2018	2	1086.9	10	708.8	85	0	197	282
4/15/2018	3	1086.9	10	708.5	85	0	197	282
4/15/2018	4	1086.9	10	708.0	85	0	195	279
4/15/2018	5	1086.9	10	708.0	85	0	195	281
4/15/2018	6	1086.9	10	708.0	85	0	196	281
4/15/2018	7	1086.9	10	707.6	85	0	194	279
4/15/2018	8	1086.9	10	707.5	85	0	193	278
4/15/2018	9	1086.9	10	707.6	85	0	194	279
4/15/2018	10	1086.9	10	708.2	85	0	196	281
4/15/2018	11	1086.9	10	708.1	85	0	196	281
4/15/2018	12	1086.9	10	708.1	85	0	197	282
4/15/2018	13	1086.9	10	708.4	85	0	197	282
4/15/2018	14	1086.9	10	708.9	85	0	198	283
4/15/2018	15	1086.9	10	709.1	85	0	198	283
4/15/2018	16	1086.9	10	709.1	85	0	199	284
4/15/2018	17	1086.9	10	709.0	85	0	197	282
4/15/2018	18	1086.9	10	709.3	85	0	198	283
4/15/2018	19	1086.9	10	709.5	85	0	199	284
4/15/2018	20	1086.9	10	709.6	85	0	199	284
4/15/2018	21	1087.0	10	709.6	85	0	200	285
4/15/2018	22	1087.0	10	709.8	85	0	199	284
4/15/2018	23	1087.0	10	710.0	85	0	200	285

4/15/2018	24	1087.0	10	709.9	85	0	200	286
4/16/2018	1	1087.0	10	709.6	85	0	199	284
4/16/2018	2	1087.0	10	709.5	85	0	199	284
4/16/2018	3	1087.0	10	709.3	85	0	199	284
4/16/2018	4	1087.0	10	709.2	85	0	198	283
4/16/2018	5	1087.0	10	708.8	85	0	197	282
4/16/2018	6	1087.0	10	709.0	85	0	197	282
4/16/2018	7	1087.0	720	709.0	85	0	195	280
4/16/2018	8	1087.0	830	708.7	85	0	196	281
4/16/2018	9	1087.0	840	708.5	85	0	194	280
4/16/2018	10	1087.1	840	708.5	85	0	195	280
4/16/2018	11	1087.1	840	708.3	85	0	195	280
4/16/2018	12	1087.1	830	708.3	85	0	194	279
4/16/2018	13	1087.1	830	708.4	85	0	194	280
4/16/2018	14	1087.1	840	708.8	85	0	196	281
4/16/2018	15	1087.1	840	709.0	85	0	195	281
4/16/2018	16	1087.1	830	709.2	85	0	196	282
4/16/2018	17	1087.1	850	709.2	85	0	196	281
4/16/2018	18	1087.1	840	709.4	85	0	198	283
4/16/2018	19	1087.1	840	709.3	85	0	197	282
4/16/2018	20	1087.1	840	709.4	85	0	197	282
4/16/2018	21	1087.1	840	709.9	85	0	199	284
4/16/2018	22	1087.1	830	710.1	85	0	200	285
4/16/2018	23	1087.1	70	710.1	85	0	198	284
4/16/2018	24	1087.1	10	710.1	85	0	199	284
4/17/2018	1	1087.1	10	710.1	85	0	199	284
4/17/2018	2	1087.1	10	709.8	85	0	198	283
4/17/2018	3	1087.2	10	709.7	85	0	198	283
4/17/2018	4	1087.1	10	709.7	85	0	199	284
4/17/2018	5	1087.2	10	710.0	85	0	199	284
4/17/2018	6	1087.2	10	710.3	85	0	200	285
4/17/2018	7	1087.2	10	710.3	85	0	189	274
4/17/2018	8	1087.2	10	710.3	85	0	200	285
4/17/2018	9	1087.2	10	710.3	85	0	198	283
4/17/2018	10	1087.2	10	710.5	85	0	199	284
4/17/2018	11	1087.2	10	710.3	85	0	198	283
4/17/2018	12	1087.2	10	710.2	85	0	197	282
4/17/2018	13	1087.2	10	710.1	85	0	197	282
4/17/2018	14	1087.2	10	709.9	85	0	197	282
4/17/2018	15	1087.3	10	709.7	85	0	196	281
4/17/2018	16	1087.3	10	710.0	85	0	197	282
4/17/2018	17	1087.3	10	710.4	85	0	198	283
4/17/2018	18	1087.3	120	710.3	85	0	190	275
4/17/2018	19	1087.2	700	710.1	85	0	196	281
4/17/2018	20	1087.2	10	710.2	85	0	197	282
4/17/2018	21	1087.3	10	710.5	85	0	197	282
4/17/2018	22	1087.3	10	710.7	85	0	198	283
4/17/2018	23	1087.3	10	710.7	85	0	198	283
4/17/2018	24	1087.3	10	710.6	85	0	198	283
4/18/2018	1	1087.3	10	710.5	85	0	198	283
4/18/2018	2	1087.3	10	710.9	85	0	199	284
4/18/2018	3	1087.3	10	710.9	85	0	199	284

4/18/2018	4	1087.3	10	710.8	85	0	199	284
4/18/2018	5	1087.3	10	710.7	85	0	197	282
4/18/2018	6	1087.3	10	710.7	85	0	199	284
4/18/2018	7	1087.3	10	710.7	85	0	198	283
4/18/2018	8	1087.3	10	710.6	85	0	190	275
4/18/2018	9	1087.3	10	710.5	85	0	200	285
4/18/2018	10	1087.3	10	710.4	85	0	200	285
4/18/2018	11	1087.3	10	710.4	85	0	199	284
4/18/2018	12	1087.4	10	710.4	85	0	200	285
4/18/2018	13	1087.4	10	710.4	85	0	199	284
4/18/2018	14	1087.4	10	710.3	85	0	200	285
4/18/2018	15	1087.4	10	710.0	85	0	199	284
4/18/2018	16	1087.4	10	710.3	85	0	200	285
4/18/2018	17	1087.4	10	710.2	85	0	199	284
4/18/2018	18	1087.4	10	710.2	85	0	199	285
4/18/2018	19	1087.4	10	710.3	85	0	192	277
4/18/2018	20	1087.4	600	710.6	85	0	200	285
4/18/2018	21	1087.4	10	710.7	85	0	200	285
4/18/2018	22	1087.4	10	710.7	85	0	200	285
4/18/2018	23	1087.4	10	710.7	85	0	199	285
4/18/2018	24	1087.4	10	710.8	85	0	199	284
4/19/2018	1	1087.4	10	710.7	85	0	199	284
4/19/2018	2	1087.4	10	710.7	85	0	199	285
4/19/2018	3	1087.4	10	710.8	85	0	199	284
4/19/2018	4	1087.4	10	710.9	85	0	200	285
4/19/2018	5	1087.4	10	710.8	85	0	199	285
4/19/2018	6	1087.4	140	710.7	85	0	199	284
4/19/2018	7	1087.4	1220	710.6	85	0	199	284
4/19/2018	8	1087.4	1200	710.5	85	0	199	284
4/19/2018	9	1087.4	1200	710.4	85	0	199	284
4/19/2018	10	1087.4	1210	710.5	85	0	199	284
4/19/2018	11	1087.4	1220	710.7	85	0	199	284
4/19/2018	12	1087.4	1220	710.8	85	0	199	284
4/19/2018	13	1087.5	1280	710.7	85	0	199	284
4/19/2018	14	1087.5	1300	710.7	85	0	199	284
4/19/2018	15	1087.5	1300	710.9	85	0	199	284
4/19/2018	16	1087.5	1300	711.0	85	0	200	285
4/19/2018	17	1087.5	1310	711.0	85	0	200	285
4/19/2018	18	1087.5	1300	710.9	85	0	198	284
4/19/2018	19	1087.5	1300	710.5	85	0	198	283
4/19/2018	20	1087.5	1300	710.4	85	0	197	282
4/19/2018	21	1087.5	1290	710.1	85	0	197	282
4/19/2018	22	1087.5	1280	710.0	85	0	195	280
4/19/2018	23	1087.5	220	709.8	85	0	197	282
4/19/2018	24	1087.5	10	709.6	85	0	195	280
4/20/2018	1	1087.5	10	709.5	85	0	196	281
4/20/2018	2	1087.5	10	709.4	85	0	196	281
4/20/2018	3	1087.5	10	709.4	85	0	195	280
4/20/2018	4	1087.5	10	709.3	85	0	195	280
4/20/2018	5	1087.5	10	709.2	85	0	195	280
4/20/2018	6	1087.5	130	709.1	85	0	195	280
4/20/2018	7	1087.5	1210	709.6	85	0	196	281

4/20/2018	8	1087.5	1230	710.0	85	0	196	281
4/20/2018	9	1087.5	1300	710.4	85	0	197	282
4/20/2018	10	1087.5	1290	710.4	85	0	197	282
4/20/2018	11	1087.5	1300	710.4	85	0	197	283
4/20/2018	12	1087.5	1310	710.7	85	0	198	283
4/20/2018	13	1087.5	1310	710.9	85	0	198	283
4/20/2018	14	1087.5	1310	710.9	85	0	198	283
4/20/2018	15	1087.5	1300	710.8	85	0	199	284
4/20/2018	16	1087.5	1300	710.8	85	0	198	283
4/20/2018	17	1087.5	1300	710.7	85	0	198	283
4/20/2018	18	1087.5	1310	710.8	85	0	198	283
4/20/2018	19	1087.5	1320	711.1	85	0	198	283
4/20/2018	20	1087.5	1300	710.9	85	0	198	283
4/20/2018	21	1087.5	1300	710.9	85	0	197	282
4/20/2018	22	1087.5	1290	710.7	85	0	197	282
4/20/2018	23	1087.5	100	710.7	85	0	198	283
4/20/2018	24	1087.5	10	710.7	85	0	197	282
4/21/2018	1	1087.5	10	710.5	85	0	196	281
4/21/2018	2	1087.5	10	710.4	85	0	196	281
4/21/2018	3	1087.5	10	710.4	85	0	196	281
4/21/2018	4	1087.5	10	710.3	85	0	197	282
4/21/2018	5	1087.6	10	709.9	85	0	195	281
4/21/2018	6	1087.5	120	709.5	85	0	195	280
4/21/2018	7	1087.5	1210	709.6	85	0	195	280
4/21/2018	8	1087.5	1210	709.6	85	0	194	279
4/21/2018	9	1087.6	1220	710.0	85	0	194	279
4/21/2018	10	1087.6	1220	710.3	85	0	195	280
4/21/2018	11	1087.6	1220	710.4	85	0	197	282
4/21/2018	12	1087.6	1220	710.6	85	0	196	281
4/21/2018	13	1087.6	1220	710.9	85	0	196	281
4/21/2018	14	1087.6	1230	711.0	85	0	196	281
4/21/2018	15	1087.6	1220	710.9	85	0	195	280
4/21/2018	16	1087.6	1230	710.5	85	0	195	280
4/21/2018	17	1087.6	1220	710.3	85	0	195	280
4/21/2018	18	1087.6	1230	710.2	85	0	195	280
4/21/2018	19	1087.6	1220	710.2	85	0	196	281
4/21/2018	20	1087.6	1220	710.3	85	0	195	280
4/21/2018	21	1087.6	1220	710.5	85	0	196	281
4/21/2018	22	1087.6	1210	710.8	85	0	197	282
4/21/2018	23	1087.6	240	710.9	85	0	198	283
4/21/2018	24	1087.6	10	710.9	85	0	198	283
4/22/2018	1	1087.6	10	710.8	85	0	197	282
4/22/2018	2	1087.6	10	710.7	85	0	197	282
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4/22/2018	4	1087.6	10	710.7	85	0	197	282
4/22/2018	5	1087.6	10	710.6	85	0	196	281
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4/22/2018	7	1087.7	10	710.6	85	0	196	281
4/22/2018	8	1087.7	10	710.8	85	0	196	281
4/22/2018	9	1087.7	10	710.8	85	0	197	282
4/22/2018	10	1087.7	10	710.8	85	0	196	281
4/22/2018	11	1087.7	10	710.7	85	0	197	282

4/22/2018	12	1087.7	10	710.8	85	0	196	281
4/22/2018	13	1087.7	10	710.8	85	0	197	282
4/22/2018	14	1087.7	10	710.6	85	0	197	282
4/22/2018	15	1087.7	10	710.4	85	0	196	281
4/22/2018	16	1087.7	10	710.2	85	0	196	281
4/22/2018	17	1087.7	10	710.1	85	0	196	281
4/22/2018	18	1087.7	10	710.1	85	0	195	280
4/22/2018	19	1087.7	10	710.3	85	0	195	280
4/22/2018	20	1087.7	10	710.3	85	0	196	281
4/22/2018	21	1087.7	10	710.3	85	0	196	281
4/22/2018	22	1087.7	10	710.5	85	0	197	282
4/22/2018	23	1087.7	10	710.8	85	0	196	281
4/22/2018	24	1087.7	10	711.0	85	0	197	282
4/23/2018	1	1087.7	10	711.2	85	0	198	283
4/23/2018	2	1087.7	10	710.9	85	0	196	281
4/23/2018	3	1087.7	10	710.6	85	0	196	281
4/23/2018	4	1087.8	10	710.4	85	0	196	281
4/23/2018	5	1087.8	10	710.3	85	0	196	281
4/23/2018	6	1087.8	130	710.3	85	0	195	280
4/23/2018	7	1087.8	2450	710.5	85	0	196	281
4/23/2018	8	1087.8	2450	710.6	85	0	196	281
4/23/2018	9	1087.8	2470	710.7	85	0	196	281
4/23/2018	10	1087.8	2470	710.8	85	0	196	282
4/23/2018	11	1087.8	2480	710.9	85	0	197	282
4/23/2018	12	1087.8	2480	711.0	85	0	197	282
4/23/2018	13	1087.8	2480	711.1	252	0	198	449
4/23/2018	14	1087.7	2480	711.0	289	0	154	443
4/23/2018	15	1087.7	2470	710.9	290	0	5	295
4/23/2018	16	1087.7	2480	710.7	290	0	0	290
4/23/2018	17	1087.7	2480	710.6	290	0	0	290
4/23/2018	18	1087.7	2450	710.7	290	0	0	290
4/23/2018	19	1087.7	2470	710.6	290	0	0	290
4/23/2018	20	1087.7	2470	710.7	290	0	0	290
4/23/2018	21	1087.7	2470	710.7	290	0	0	290
4/23/2018	22	1087.7	2450	710.8	290	0	0	290
4/23/2018	23	1087.7	240	710.7	290	0	0	290
4/23/2018	24	1087.7	10	710.7	290	0	0	290
4/24/2018	1	1087.8	10	710.6	274	0	0	274
4/24/2018	2	1087.8	10	710.4	255	0	0	255
4/24/2018	3	1087.8	10	710.1	234	0	0	234
4/24/2018	4	1087.8	10	709.8	217	0	0	217
4/24/2018	5	1087.8	10	709.7	202	0	0	202
4/24/2018	6	1087.8	130	709.7	186	0	0	186
4/24/2018	7	1087.8	2430	710.0	170	0	0	170
4/24/2018	8	1087.8	2420	710.2	154	0	0	154
4/24/2018	9	1087.8	2440	710.5	140	0	0	140
4/24/2018	10	1087.8	2460	710.6	125	0	0	125
4/24/2018	11	1087.8	2460	710.7	109	0	0	109
4/24/2018	12	1087.8	2460	710.6	96	0	0	96
4/24/2018	13	1087.8	2470	710.7	90	0	0	90
4/24/2018	14	1087.8	2470	710.7	90	0	0	90
4/24/2018	15	1087.8	2470	710.7	90	0	28	119

4/24/2018	16	1087.8	2470	710.7	90	0	193	283
4/24/2018	17	1087.8	2470	710.7	90	0	199	289
4/24/2018	18	1087.8	2470	710.9	90	0	199	289
4/24/2018	19	1087.8	2480	711.0	90	0	199	289
4/24/2018	20	1087.8	2480	711.0	90	0	198	288
4/24/2018	21	1087.8	2480	710.8	90	0	198	288
4/24/2018	22	1087.8	2470	710.7	90	0	198	288
4/24/2018	23	1087.8	2470	710.7	90	0	199	289
4/24/2018	24	1087.8	2470	710.8	90	0	199	289
4/25/2018	1	1087.8	2480	710.7	90	0	198	288
4/25/2018	2	1087.8	2480	710.4	90	0	198	288
4/25/2018	3	1087.8	2480	710.3	90	0	197	287
4/25/2018	4	1087.8	2480	710.1	90	0	197	287
4/25/2018	5	1087.8	2480	710.0	90	0	197	287
4/25/2018	6	1087.8	2480	710.1	90	0	197	287
4/25/2018	7	1087.8	2480	710.1	90	0	197	287
4/25/2018	8	1087.8	2470	710.2	89	0	197	286
4/25/2018	9	1087.8	2470	710.5	85	0	198	283
4/25/2018	10	1087.8	2480	710.8	85	0	199	284
4/25/2018	11	1087.8	2480	710.8	85	0	199	284
4/25/2018	12	1087.8	2480	711.0	85	0	200	285
4/25/2018	13	1087.8	2480	711.1	85	0	199	284
4/25/2018	14	1087.8	2480	710.9	85	0	200	285
4/25/2018	15	1087.8	2470	710.7	85	0	200	285
4/25/2018	16	1087.8	2480	710.6	85	0	199	284
4/25/2018	17	1087.8	2480	710.6	85	0	199	285
4/25/2018	18	1087.8	2480	710.6	85	0	200	285
4/25/2018	19	1087.8	2470	710.5	85	0	199	284
4/25/2018	20	1087.8	2470	710.6	85	0	199	284
4/25/2018	21	1087.8	2470	710.8	85	0	199	284
4/25/2018	22	1087.8	2470	710.9	85	0	200	285
4/25/2018	23	1087.8	2470	711.0	85	0	200	285
4/25/2018	24	1087.8	2470	710.9	85	0	200	285
4/26/2018	1	1087.8	2470	710.8	85	0	199	284
4/26/2018	2	1087.8	2470	710.8	85	0	200	285
4/26/2018	3	1087.8	2470	710.6	85	0	199	284
4/26/2018	4	1087.8	2470	710.7	85	0	199	284
4/26/2018	5	1087.8	2470	710.7	85	0	199	284
4/26/2018	6	1087.8	2470	710.7	85	0	199	284
4/26/2018	7	1087.8	2460	710.8	85	0	199	284
4/26/2018	8	1087.8	2470	711.0	85	0	199	284
4/26/2018	9	1087.8	2470	711.1	85	0	200	285
4/26/2018	10	1087.8	2470	711.0	85	0	200	285
4/26/2018	11	1087.8	2470	711.0	85	0	200	285
4/26/2018	12	1087.8	2480	711.1	85	0	200	285
4/26/2018	13	1087.8	2480	711.0	85	0	200	285
4/26/2018	14	1087.8	2480	710.6	85	0	200	285
4/26/2018	15	1087.8	2480	710.7	85	0	200	285
4/26/2018	16	1087.8	2470	710.8	85	0	201	286
4/26/2018	17	1087.8	2470	710.9	85	0	200	285
4/26/2018	18	1087.8	2480	710.8	85	0	200	285
4/26/2018	19	1087.8	2470	710.8	85	0	199	284

4/26/2018	20	1087.8	2480	710.7	85	0	199	284
4/26/2018	21	1087.8	2480	710.8	85	0	200	285
4/26/2018	22	1087.8	2470	710.8	85	0	200	285
4/26/2018	23	1087.9	2470	710.8	85	0	200	285
4/26/2018	24	1087.9	2460	710.7	85	0	199	284
4/27/2018	1	1087.9	2470	710.7	85	0	200	285
4/27/2018	2	1087.9	2460	710.7	85	0	199	284
4/27/2018	3	1087.9	2470	711.0	85	0	200	285
4/27/2018	4	1087.9	2470	711.2	85	0	201	286
4/27/2018	5	1087.9	2470	711.2	85	0	201	286
4/27/2018	6	1087.9	2470	710.9	85	0	200	285
4/27/2018	7	1087.9	2480	710.8	85	0	200	285
4/27/2018	8	1087.9	2470	710.9	85	0	200	285
4/27/2018	9	1087.9	2480	711.2	85	0	201	286
4/27/2018	10	1087.9	2470	711.2	85	0	201	286
4/27/2018	11	1087.9	2480	711.3	85	0	202	287
4/27/2018	12	1087.9	2470	711.1	85	0	201	286
4/27/2018	13	1087.9	2470	710.9	85	0	201	286
4/27/2018	14	1087.9	2470	711.1	85	0	201	286
4/27/2018	15	1087.9	2470	711.1	85	0	202	286
4/27/2018	16	1087.9	2470	711.0	85	0	201	286
4/27/2018	17	1087.9	2470	711.1	85	0	202	287
4/27/2018	18	1087.9	2470	711.1	85	0	202	287
4/27/2018	19	1087.9	2480	710.9	85	0	200	285
4/27/2018	20	1087.9	2470	710.9	85	0	201	286
4/27/2018	21	1088.0	2470	710.9	85	0	201	286
4/27/2018	22	1088.0	2460	711.0	85	0	201	286
4/27/2018	23	1088.0	2470	711.0	85	0	200	285
4/27/2018	24	1088.0	2460	710.9	85	0	200	285
4/28/2018	1	1088.0	2460	710.8	85	0	200	285
4/28/2018	2	1088.0	2470	710.8	85	0	200	285
4/28/2018	3	1088.0	2470	710.8	85	0	200	285
4/28/2018	4	1088.0	2470	710.8	85	0	200	285
4/28/2018	5	1088.0	2470	710.7	85	0	201	286
4/28/2018	6	1088.0	2470	710.7	85	0	200	285
4/28/2018	7	1088.0	2470	710.7	85	0	201	286
4/28/2018	8	1088.0	2470	710.8	85	0	200	285
4/28/2018	9	1088.1	2480	710.8	85	0	201	286
4/28/2018	10	1088.1	2480	711.2	85	0	201	286
4/28/2018	11	1088.0	2470	711.0	85	0	202	287
4/28/2018	12	1088.1	2470	711.2	85	0	201	286
4/28/2018	13	1088.1	2470	711.4	85	0	203	288
4/28/2018	14	1088.1	2470	711.4	85	0	203	288
4/28/2018	15	1088.1	2480	711.3	85	0	203	288
4/28/2018	16	1088.1	2480	711.1	85	0	202	287
4/28/2018	17	1088.1	2480	710.8	85	0	202	287
4/28/2018	18	1088.1	2470	710.7	85	0	202	287
4/28/2018	19	1088.1	2470	710.6	85	0	201	286
4/28/2018	20	1088.2	2480	710.7	85	0	200	285
4/28/2018	21	1088.2	2470	710.9	85	0	201	286
4/28/2018	22	1088.2	2470	711.0	85	0	201	287
4/28/2018	23	1088.2	2470	711.3	85	0	202	287

4/28/2018	24	1088.2	2470	711.5	85	0	203	288
4/29/2018	1	1088.2	2470	711.6	85	0	202	288
4/29/2018	2	1088.2	2470	711.5	85	0	203	288
4/29/2018	3	1088.3	2470	711.5	85	0	203	288
4/29/2018	4	1088.3	2470	711.3	85	0	202	287
4/29/2018	5	1088.2	2470	711.1	85	0	202	287
4/29/2018	6	1088.3	2470	711.2	85	0	203	288
4/29/2018	7	1088.3	2460	711.0	85	0	202	287
4/29/2018	8	1088.3	2470	711.0	85	0	202	287
4/29/2018	9	1088.3	2480	711.1	85	0	203	288
4/29/2018	10	1088.3	2480	711.6	85	0	203	288
4/29/2018	11	1088.3	2470	711.8	85	0	204	289
4/29/2018	12	1088.3	2470	711.8	85	0	204	289
4/29/2018	13	1088.3	2470	711.5	85	0	203	288
4/29/2018	14	1088.4	2470	711.4	85	0	203	288
4/29/2018	15	1088.4	2470	711.3	85	0	202	287
4/29/2018	16	1088.4	2470	711.2	85	0	202	287
4/29/2018	17	1088.4	2470	711.1	85	0	202	287
4/29/2018	18	1088.4	2480	711.1	85	0	202	287
4/29/2018	19	1088.4	2480	711.2	85	0	201	287
4/29/2018	20	1088.4	2480	711.2	85	0	202	286
4/29/2018	21	1088.4	2470	711.4	85	0	203	288
4/29/2018	22	1088.4	2460	711.4	85	0	203	288
4/29/2018	23	1088.4	2470	711.4	85	0	203	288
4/29/2018	24	1088.4	2470	711.4	85	0	202	288
4/30/2018	1	1088.5	2470	711.5	85	0	203	288
4/30/2018	2	1088.5	2480	711.1	85	0	202	287
4/30/2018	3	1088.4	2480	710.7	85	0	201	285
4/30/2018	4	1088.5	2480	710.7	85	0	201	286
4/30/2018	5	1088.5	2480	710.6	85	0	201	286
4/30/2018	6	1088.5	2490	710.6	85	0	201	286
4/30/2018	7	1088.5	2490	710.7	85	0	202	287
4/30/2018	8	1088.5	2480	710.7	85	0	201	286
4/30/2018	9	1088.5	2470	710.7	85	0	202	287
4/30/2018	10	1088.5	2480	710.8	85	0	201	286
4/30/2018	11	1088.5	2480	710.8	85	0	201	286
4/30/2018	12	1088.5	2480	710.8	85	0	201	286
4/30/2018	13	1088.5	2470	710.9	85	0	202	287
4/30/2018	14	1088.5	2470	711.0	86	0	202	288
4/30/2018	15	1088.5	2480	711.0	86	0	203	289
4/30/2018	16	1088.5	2480	711.2	85	0	203	288
4/30/2018	17	1088.5	2480	711.3	85	0	203	288
4/30/2018	18	1088.5	2480	711.4	85	0	204	289
4/30/2018	19	1088.5	2480	711.3	85	0	203	288
4/30/2018	20	1088.6	2480	711.3	85	0	203	288
4/30/2018	21	1088.6	2480	711.3	85	0	203	288
4/30/2018	22	1088.6	2470	711.2	85	0	203	288
4/30/2018	23	1088.6	2470	711.1	85	0	202	287
4/30/2018	24	1088.6	2460	711.2	85	0	203	287
5/1/2018	1	1088.6	2480	711.1	85	0	202	287
5/1/2018	2	1088.6	2470	711.1	85	0	203	288
5/1/2018	3	1088.6	2480	711.1	85	0	202	287

5/1/2018	4	1088.6	2480	710.8	85	0	201	286
5/1/2018	5	1088.6	2480	710.6	85	0	201	286
5/1/2018	6	1088.6	2480	711.2	85	0	202	287
5/1/2018	7	1088.6	2480	711.4	85	0	203	288
5/1/2018	8	1088.6	2470	711.7	85	0	205	290
5/1/2018	9	1088.6	2480	711.7	85	0	204	289
5/1/2018	10	1088.6	2480	711.6	85	0	204	289
5/1/2018	11	1088.6	2480	711.8	85	0	205	290
5/1/2018	12	1088.7	2480	711.8	85	0	204	289
5/1/2018	13	1088.7	2470	711.7	85	0	204	289
5/1/2018	14	1088.7	2470	711.9	85	0	204	290
5/1/2018	15	1088.7	2480	711.9	85	0	205	290
5/1/2018	16	1088.7	2480	711.9	85	0	204	290
5/1/2018	17	1088.7	2470	712.0	85	0	205	290
5/1/2018	18	1088.7	2470	712.0	85	0	205	290
5/1/2018	19	1088.7	2480	711.9	85	0	205	290
5/1/2018	20	1088.7	2480	711.8	85	0	205	290
5/1/2018	21	1088.7	2480	711.8	85	0	204	289
5/1/2018	22	1088.7	2470	711.9	85	0	205	290
5/1/2018	23	1088.7	2470	712.1	85	0	205	290
5/1/2018	24	1088.8	2470	712.1	85	0	205	290
5/2/2018	1	1088.8	2480	712.1	85	0	205	290
5/2/2018	2	1088.8	2470	711.9	85	0	204	290
5/2/2018	3	1088.8	2470	711.7	85	0	204	289
5/2/2018	4	1088.8	2470	711.9	85	0	204	289
5/2/2018	5	1088.8	2480	712.1	85	0	204	289
5/2/2018	6	1088.8	2480	711.9	85	0	204	289
5/2/2018	7	1088.8	2480	711.8	85	0	204	289
5/2/2018	8	1088.8	2470	711.9	85	0	204	289
5/2/2018	9	1088.8	2470	711.9	85	0	204	289
5/2/2018	10	1088.8	2470	711.8	85	0	205	290
5/2/2018	11	1088.8	2470	711.7	85	0	205	290
5/2/2018	12	1088.8	2470	711.6	85	0	204	289
5/2/2018	13	1088.8	2480	711.6	85	0	204	289
5/2/2018	14	1088.8	2480	711.6	85	0	204	289
5/2/2018	15	1088.8	2480	711.8	85	0	204	289
5/2/2018	16	1088.8	2470	711.8	85	0	205	290
5/2/2018	17	1088.8	2480	711.7	85	0	205	290
5/2/2018	18	1088.8	2480	711.7	85	0	204	289
5/2/2018	19	1088.9	2470	711.9	85	0	204	289
5/2/2018	20	1088.9	2480	712.0	85	0	204	289
5/2/2018	21	1088.9	2470	712.0	85	0	204	289
5/2/2018	22	1088.9	2470	711.7	85	0	205	290
5/2/2018	23	1088.9	2470	711.6	85	0	203	288
5/2/2018	24	1088.9	2470	711.5	85	0	204	289
5/3/2018	1	1088.9	2470	711.8	85	0	204	289
5/3/2018	2	1088.9	2470	711.7	85	0	205	290
5/3/2018	3	1088.9	2480	711.9	85	0	205	290
5/3/2018	4	1088.9	2480	711.9	85	0	205	290
5/3/2018	5	1088.9	2480	711.5	85	0	204	289
5/3/2018	6	1089.0	2480	711.5	85	0	204	289
5/3/2018	7	1089.0	2480	711.7	85	0	204	289

5/3/2018	8	1089.0	2470	711.7	85	0	205	290
5/3/2018	9	1089.0	2480	711.6	85	0	204	289
5/3/2018	10	1089.0	2480	711.8	125	0	205	330
5/3/2018	11	1089.0	2480	712.0	284	0	205	489
5/3/2018	12	1089.0	2480	712.1	285	0	86	371
5/3/2018	13	1089.0	2490	711.9	285	0	2	286
5/3/2018	14	1089.0	2480	711.7	285	0	0	285
5/3/2018	15	1089.0	2480	711.7	285	0	0	285
5/3/2018	16	1089.0	2480	711.7	285	0	0	285
5/3/2018	17	1089.0	2480	711.7	285	0	0	285
5/3/2018	18	1089.0	2480	711.6	285	0	0	285
5/3/2018	19	1089.0	2490	711.8	285	0	0	285
5/3/2018	20	1089.0	2480	711.9	285	0	0	285
5/3/2018	21	1089.0	2470	711.6	285	0	0	285
5/3/2018	22	1089.1	2470	711.5	285	0	0	285
5/3/2018	23	1089.1	2470	711.4	285	0	0	285
5/3/2018	24	1089.1	2460	711.5	285	0	0	285
5/4/2018	1	1089.1	2470	711.5	285	0	0	285
5/4/2018	2	1089.1	2470	711.6	285	0	0	285
5/4/2018	3	1089.1	2480	711.6	285	0	0	285
5/4/2018	4	1089.1	2490	711.5	285	0	0	285
5/4/2018	5	1089.1	2490	711.4	285	0	0	285
5/4/2018	6	1089.2	2490	711.2	285	0	0	285
5/4/2018	7	1089.2	2480	711.1	285	0	0	285
5/4/2018	8	1089.2	2460	711.3	285	0	0	285
5/4/2018	9	1089.2	1120	711.2	285	0	0	285
5/4/2018	10	1089.2	1120	711.4	285	0	0	285
5/4/2018	11	1089.2	1730	711.8	285	0	0	285
5/4/2018	12	1089.3	1180	711.9	285	0	0	285
5/4/2018	13	1089.3	2460	711.9	285	0	0	285
5/4/2018	14	1089.3	2460	711.9	285	0	0	285
5/4/2018	15	1089.3	2460	712.2	285	0	0	285
5/4/2018	16	1089.3	2470	712.1	285	0	0	285
5/4/2018	17	1089.3	2470	711.9	285	0	0	285
5/4/2018	18	1089.3	2460	712.0	285	0	0	285
5/4/2018	19	1089.3	2480	712.0	285	0	0	285
5/4/2018	20	1089.4	2450	712.1	285	0	0	285
5/4/2018	21	1089.4	2460	712.3	285	0	0	285
5/4/2018	22	1089.4	2450	712.4	285	0	0	285
5/4/2018	23	1089.4	2460	712.5	285	0	0	285
5/4/2018	24	1089.4	2460	712.3	285	0	0	285
5/5/2018	1	1089.4	2470	712.4	285	0	0	285
5/5/2018	2	1089.5	2460	712.3	285	0	0	285
5/5/2018	3	1089.5	2470	712.4	285	0	0	285
5/5/2018	4	1089.5	2460	712.4	285	0	0	285
5/5/2018	5	1089.5	2470	712.4	285	0	0	285
5/5/2018	6	1089.5	2480	712.4	285	0	0	285
5/5/2018	7	1089.5	2480	712.3	285	0	0	285
5/5/2018	8	1089.5	2460	712.3	285	0	0	285
5/5/2018	9	1089.5	2460	712.4	285	0	0	285
5/5/2018	10	1089.5	2460	712.5	285	0	0	285
5/5/2018	11	1089.6	2460	712.5	285	0	0	285

5/5/2018	12	1089.6	2460	712.5	285	0	0	285
5/5/2018	13	1089.6	2470	712.6	285	0	0	285
5/5/2018	14	1089.6	2460	712.7	285	0	0	285
5/5/2018	15	1089.6	2470	712.6	285	0	0	285
5/5/2018	16	1089.6	2470	712.6	285	0	0	285
5/5/2018	17	1089.6	2470	712.6	285	0	0	285
5/5/2018	18	1089.6	2470	712.7	285	0	0	285
5/5/2018	19	1089.7	2470	712.8	285	0	0	285
5/5/2018	20	1089.7	2460	712.7	285	0	0	285
5/5/2018	21	1089.7	2460	712.8	285	0	0	285
5/5/2018	22	1089.7	2460	712.8	285	0	0	285
5/5/2018	23	1089.7	2460	712.7	285	0	0	285
5/5/2018	24	1089.8	2450	712.4	285	0	0	285
5/6/2018	1	1089.8	2470	712.3	285	0	0	285
5/6/2018	2	1089.8	2470	712.3	285	0	0	285
5/6/2018	3	1089.8	2460	712.3	285	0	0	285
5/6/2018	4	1089.8	2460	712.3	285	0	0	285
5/6/2018	5	1089.9	2470	712.3	285	0	0	285
5/6/2018	6	1089.9	2470	712.0	285	0	0	285
5/6/2018	7	1089.9	2450	711.0	285	0	0	285
5/6/2018	8	1089.9	2470	710.4	285	0	0	285
5/6/2018	9	1089.9	2450	710.4	285	0	0	285
5/6/2018	10	1089.9	2460	710.4	285	0	0	285
5/6/2018	11	1090.0	2460	710.6	285	0	0	285
5/6/2018	12	1090.0	2450	710.4	285	0	0	285
5/6/2018	13	1090.0	2440	710.6	285	0	0	285
5/6/2018	14	1090.0	2450	711.3	285	0	0	285
5/6/2018	15	1090.0	2460	711.9	285	0	0	285
5/6/2018	16	1090.0	2470	712.4	285	0	0	285
5/6/2018	17	1090.0	2470	712.2	285	0	0	285
5/6/2018	18	1090.0	2440	712.4	285	0	0	285
5/6/2018	19	1090.1	2430	712.6	285	0	0	285
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5/6/2018	21	1090.1	2450	712.6	285	0	0	285
5/6/2018	22	1090.1	2440	712.6	285	0	0	285
5/6/2018	23	1090.1	2450	712.5	285	0	0	285
5/6/2018	24	1090.2	2450	712.6	285	0	0	285
5/7/2018	1	1090.2	2460	712.5	285	0	0	285
5/7/2018	2	1090.2	2470	712.4	285	0	0	285
5/7/2018	3	1090.2	2450	712.3	285	0	0	285
5/7/2018	4	1090.3	2470	712.3	285	0	0	285
5/7/2018	5	1090.3	2460	712.7	285	0	0	285
5/7/2018	6	1090.3	2470	712.9	285	0	0	285
5/7/2018	7	1090.4	2470	712.8	285	0	0	285
5/7/2018	8	1090.4	2440	712.7	285	0	0	285
5/7/2018	9	1090.4	2450	712.7	285	0	0	285
5/7/2018	10	1090.4	2470	712.6	285	0	0	285
5/7/2018	11	1090.4	2470	712.5	285	0	0	285
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5/7/2018	13	1090.4	2470	713.2	285	0	0	285
5/7/2018	14	1090.4	2460	713.2	285	0	0	285
5/7/2018	15	1090.5	2450	712.9	285	0	0	285

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5/7/2018	22	1090.6	2440	712.2	285	0	0	285
5/7/2018	23	1090.6	2460	712.1	285	0	0	285
5/7/2018	24	1090.7	2450	712.0	285	0	0	285
5/8/2018	1	1090.7	2450	711.8	285	0	0	285
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5/8/2018	7	1090.9	2470	712.6	285	0	0	285
5/8/2018	8	1090.9	2450	712.7	285	0	0	285
5/8/2018	9	1090.9	2450	712.9	285	0	0	285
5/8/2018	10	1090.9	2450	713.2	285	0	0	285
5/8/2018	11	1091.0	2470	713.0	285	0	0	285
5/8/2018	12	1091.0	2460	712.9	285	0	0	285
5/8/2018	13	1091.0	2470	712.7	285	0	0	285
5/8/2018	14	1091.0	2180	712.7	285	0	0	285
5/8/2018	15	1091.1	2330	712.6	285	0	0	285
5/8/2018	16	1091.1	2390	712.6	285	0	0	285
5/8/2018	17	1091.1	2390	712.9	285	0	0	285
5/8/2018	18	1091.1	2400	713.0	285	0	0	285
5/8/2018	19	1091.2	2400	712.7	285	0	0	285
5/8/2018	20	1091.2	2390	712.4	285	0	0	285
5/8/2018	21	1091.2	2370	712.4	285	0	0	285
5/8/2018	22	1091.2	2370	712.9	285	0	0	285
5/8/2018	23	1091.3	2400	713.4	285	0	0	285
5/8/2018	24	1091.3	2400	713.4	285	0	0	285
5/9/2018	1	1091.4	2400	713.0	285	0	0	285
5/9/2018	2	1091.4	2410	712.8	285	0	0	285
5/9/2018	3	1091.4	2390	712.7	285	0	0	285
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5/9/2018	9	1091.6	2370	712.1	285	0	0	285
5/9/2018	10	1091.6	2380	712.1	285	0	0	285
5/9/2018	11	1091.6	2370	712.2	285	0	0	285
5/9/2018	12	1091.7	2410	712.3	285	0	0	285
5/9/2018	13	1091.7	2420	712.2	285	0	0	285
5/9/2018	14	1091.7	2390	712.4	285	0	0	285
5/9/2018	15	1091.8	2390	712.6	285	0	0	285
5/9/2018	16	1091.8	2400	712.7	285	0	0	285
5/9/2018	17	1091.9	2370	712.7	285	0	0	285
5/9/2018	18	1091.9	2490	712.6	285	0	0	285
5/9/2018	19	1091.9	2490	712.8	285	0	0	285

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5/9/2018	21	1092.0	2490	712.7	285	0	0	285
5/9/2018	22	1092.0	2480	712.8	285	0	0	285
5/9/2018	23	1092.0	2480	713.1	285	0	0	285
5/9/2018	24	1092.0	2490	712.8	285	0	0	285
5/10/2018	1	1092.1	2490	712.7	285	0	0	285
5/10/2018	2	1092.1	2490	712.7	285	0	0	285
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5/10/2018	11	1092.3	2480	712.6	285	0	0	285
5/10/2018	12	1092.4	2430	712.5	285	0	0	285
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5/10/2018	16	1092.4	2450	712.3	285	0	0	285
5/10/2018	17	1092.5	2480	712.2	285	0	0	285
5/10/2018	18	1092.5	2470	712.4	285	0	0	285
5/10/2018	19	1092.5	2470	712.4	285	0	0	285
5/10/2018	20	1092.5	2490	712.6	285	0	0	285
5/10/2018	21	1092.5	2450	712.6	285	0	0	285
5/10/2018	22	1092.6	2440	712.8	285	0	0	285
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5/10/2018	24	1092.6	2470	712.8	285	0	0	285
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5/11/2018	5	1092.7	2490	712.9	285	0	0	285
5/11/2018	6	1092.7	2490	713.7	285	0	0	285
5/11/2018	7	1092.7	2480	714.1	285	0	0	285
5/11/2018	8	1092.8	2470	714.1	285	0	0	285
5/11/2018	9	1092.8	2470	714.2	285	0	0	285
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5/11/2018	11	1092.8	2490	714.1	285	0	0	285
5/11/2018	12	1092.8	2480	714.0	285	0	0	285
5/11/2018	13	1092.8	2490	714.0	285	0	0	285
5/11/2018	14	1092.8	2490	714.2	285	0	0	285
5/11/2018	15	1092.9	2490	714.2	285	0	0	285
5/11/2018	16	1092.9	2490	714.2	285	0	0	285
5/11/2018	17	1092.9	2480	714.0	285	0	0	285
5/11/2018	18	1092.9	2490	714.0	285	0	0	285
5/11/2018	19	1092.9	2490	714.2	285	0	0	285
5/11/2018	20	1093.0	2490	714.5	285	0	0	285
5/11/2018	21	1093.0	2490	714.4	285	0	0	285
5/11/2018	22	1093.0	2490	714.3	285	0	0	285
5/11/2018	23	1093.0	2490	714.3	285	0	0	285

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5/12/2018	1	1093.0	2490	714.6	285	0	0	285
5/12/2018	2	1093.0	2490	715.1	285	0	0	285
5/12/2018	3	1093.0	2490	715.2	285	0	0	285
5/12/2018	4	1093.0	2490	715.0	285	0	0	285
5/12/2018	5	1093.0	2490	714.8	285	0	0	285
5/12/2018	6	1093.1	2490	714.6	285	0	0	285
5/12/2018	7	1093.1	2490	714.7	285	0	0	285
5/12/2018	8	1093.1	2490	714.9	285	0	0	285
5/12/2018	9	1093.1	2490	714.7	285	0	0	285
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5/12/2018	11	1093.1	2490	714.6	285	0	0	285
5/12/2018	12	1093.1	2490	714.5	285	0	0	285
5/12/2018	13	1093.2	2490	714.4	285	0	0	285
5/12/2018	14	1093.2	2490	714.6	285	0	0	285
5/12/2018	15	1093.2	2490	714.8	285	0	0	285
5/12/2018	16	1093.2	2490	714.8	285	0	0	285
5/12/2018	17	1093.2	2490	714.9	285	0	0	285
5/12/2018	18	1093.3	2490	715.0	285	0	0	285
5/12/2018	19	1093.3	2490	715.2	285	0	0	285
5/12/2018	20	1093.3	2490	715.3	285	0	0	285
5/12/2018	21	1093.3	2490	715.4	285	0	0	285
5/12/2018	22	1093.3	2490	715.3	285	0	0	285
5/12/2018	23	1093.3	2490	715.1	285	0	0	285
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5/13/2018	1	1093.4	2490	714.9	285	0	0	285
5/13/2018	2	1093.4	2490	715.0	285	0	0	285
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5/13/2018	5	1093.4	2490	714.9	285	0	0	285
5/13/2018	6	1093.5	2490	714.9	285	0	0	285
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5/13/2018	8	1093.5	2490	715.3	285	0	0	285
5/13/2018	9	1093.5	2490	715.4	285	0	0	285
5/13/2018	10	1093.5	2490	715.4	285	0	0	285
5/13/2018	11	1093.5	2490	715.5	285	0	0	285
5/13/2018	12	1093.5	2490	715.7	285	0	0	285
5/13/2018	13	1093.5	2490	715.8	285	0	0	285
5/13/2018	14	1093.6	2490	715.9	285	0	0	285
5/13/2018	15	1093.6	2490	715.9	285	0	0	285
5/13/2018	16	1093.6	2490	715.8	285	0	0	285
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5/13/2018	19	1093.7	2490	716.0	285	0	0	285
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5/13/2018	24	1093.8	2490	716.4	285	0	0	285
5/14/2018	1	1093.8	2490	716.4	285	0	0	285
5/14/2018	2	1093.8	2490	716.4	285	0	0	285
5/14/2018	3	1093.9	2490	716.2	285	0	0	285

5/14/2018	4	1093.9	2490	716.1	285	0	0	285
5/14/2018	5	1093.9	2490	716.1	285	0	0	285
5/14/2018	6	1093.9	2490	715.9	285	0	0	285
5/14/2018	7	1094.0	2490	715.0	285	0	0	285
5/14/2018	8	1094.0	2490	714.9	285	0	0	285
5/14/2018	9	1094.0	2500	714.9	285	0	0	285
5/14/2018	10	1094.0	2500	714.8	285	0	0	285
5/14/2018	11	1094.0	2500	714.8	285	0	0	285
5/14/2018	12	1094.0	2500	715.4	285	0	0	285
5/14/2018	13	1094.0	2490	716.0	285	0	0	285
5/14/2018	14	1094.1	2490	716.2	285	0	0	285
5/14/2018	15	1094.1	2490	716.4	285	0	0	285
5/14/2018	16	1094.1	2490	716.1	285	0	0	285
5/14/2018	17	1094.1	2490	715.8	285	0	0	285
5/14/2018	18	1094.1	2490	715.5	285	0	0	285
5/14/2018	19	1094.2	2490	715.6	285	0	0	285
5/14/2018	20	1094.2	2490	715.6	285	0	0	285
5/14/2018	21	1094.2	2490	715.7	285	0	0	285
5/14/2018	22	1094.3	2490	715.8	285	0	0	285
5/14/2018	23	1094.3	2490	715.9	285	0	0	285
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5/15/2018	1	1094.4	2490	715.8	285	0	0	285
5/15/2018	2	1094.4	2490	715.8	285	0	0	285
5/15/2018	3	1094.4	2490	715.6	285	0	0	285
5/15/2018	4	1094.5	2490	715.7	285	0	0	285
5/15/2018	5	1094.5	2490	715.8	285	0	0	285
5/15/2018	6	1094.5	2490	715.8	285	0	0	285
5/15/2018	7	1094.5	2500	715.7	285	0	0	285
5/15/2018	8	1094.5	2500	715.5	283	0	0	283
5/15/2018	9	1094.6	2500	715.2	264	0	0	264
5/15/2018	10	1094.6	2500	715.1	260	0	0	260
5/15/2018	11	1094.6	2490	715.2	260	0	0	260
5/15/2018	12	1094.6	2490	715.2	260	0	0	260
5/15/2018	13	1094.6	2500	715.2	260	0	0	260
5/15/2018	14	1094.7	2500	715.2	260	0	0	260
5/15/2018	15	1094.7	2490	715.3	260	0	0	260
5/15/2018	16	1094.8	2380	715.3	260	0	0	260
5/15/2018	17	1094.8	2500	715.3	260	204	0	464
5/15/2018	18	1094.8	2500	715.0	260	697	0	958
5/15/2018	19	1094.8	2500	714.7	260	1246	0	1506
5/15/2018	20	1094.9	2490	714.8	260	1797	0	2057
5/15/2018	21	1094.9	2490	715.0	260	2274	0	2534
5/15/2018	22	1094.9	2490	715.0	260	2769	0	3029
5/15/2018	23	1094.9	2500	715.0	260	3299	0	3559
5/15/2018	24	1095.0	2500	714.9	260	3797	0	4057
5/16/2018	1	1095.0	2490	715.0	260	4236	0	4497
5/16/2018	2	1095.0	2490	715.4	260	4754	0	5014
5/16/2018	3	1095.0	2490	715.8	260	5266	0	5526
5/16/2018	4	1095.0	2490	715.8	260	5761	0	6021
5/16/2018	5	1095.1	2500	715.8	260	6022	0	6282
5/16/2018	6	1095.1	2500	715.5	260	6043	0	6303
5/16/2018	7	1095.1	2500	715.3	260	6065	0	6325

5/16/2018	8	1095.1	2490	715.0	261	6008	0	6269
5/16/2018	9	1095.1	2500	714.9	324	5761	0	6085
5/16/2018	10	1095.1	2500	714.6	394	5741	0	6135
5/16/2018	11	1095.1	2500	714.7	400	5706	0	6106
5/16/2018	12	1095.2	2500	714.8	400	5923	0	6323
5/16/2018	13	1095.2	2500	715.2	400	6220	0	6620
5/16/2018	14	1095.2	2500	715.4	400	6410	0	6810
5/16/2018	15	1095.2	2500	715.4	400	6456	0	6856
5/16/2018	16	1095.2	2500	715.3	400	6473	0	6873
5/16/2018	17	1095.2	2490	715.0	400	6490	0	6890
5/16/2018	18	1095.3	2500	714.9	400	6507	0	6907
5/16/2018	19	1095.3	2500	714.6	400	6523	0	6924
5/16/2018	20	1095.3	2500	714.6	400	6541	0	6940
5/16/2018	21	1095.3	2500	714.7	400	6557	0	6957
5/16/2018	22	1095.4	2490	714.9	400	6575	0	6975
5/16/2018	23	1095.4	2490	715.1	400	6594	0	6994
5/16/2018	24	1095.4	2500	715.0	400	6612	0	7012
5/17/2018	1	1095.4	2490	714.7	400	6625	0	7025
5/17/2018	2	1095.4	2500	714.5	400	6637	0	7037
5/17/2018	3	1095.4	2500	714.7	400	6649	0	7049
5/17/2018	4	1095.5	2500	715.0	400	6660	0	7060
5/17/2018	5	1095.5	2500	715.2	400	6671	0	7072
5/17/2018	6	1095.5	2500	715.3	400	6683	0	7083
5/17/2018	7	1095.5	2500	715.5	400	6694	0	7094
5/17/2018	8	1095.5	2500	715.4	400	6706	0	7106
5/17/2018	9	1095.5	2500	715.3	400	6717	0	7117
5/17/2018	10	1095.5	2500	715.0	400	6723	0	7123
5/17/2018	11	1095.5	2500	714.6	400	6726	0	7126
5/17/2018	12	1095.5	2500	714.4	400	6729	0	7129
5/17/2018	13	1095.5	2500	714.4	400	6732	0	7132
5/17/2018	14	1095.5	2490	714.7	400	6735	0	7135
5/17/2018	15	1095.5	2490	715.0	400	6738	0	7138
5/17/2018	16	1095.5	2480	714.9	400	6740	0	7141
5/17/2018	17	1095.5	2490	714.7	400	6744	0	7144
5/17/2018	18	1095.6	2490	714.6	400	6751	0	7151
5/17/2018	19	1095.6	2500	714.9	400	6761	0	7161
5/17/2018	20	1095.7	2490	715.3	400	6771	0	7171
5/17/2018	21	1095.6	2480	715.5	400	6782	0	7182
5/17/2018	22	1095.6	2490	715.7	400	6792	0	7192
5/17/2018	23	1095.6	2080	715.9	400	6802	0	7202
5/17/2018	24	1095.7	2280	716.0	400	6812	0	7212
5/18/2018	1	1095.7	2500	716.0	400	6822	0	7222
5/18/2018	2	1095.7	2500	715.9	400	6833	0	7233
5/18/2018	3	1095.7	2490	715.6	400	6844	0	7244
5/18/2018	4	1095.7	2500	715.6	400	6855	0	7255
5/18/2018	5	1095.7	2500	715.4	400	6866	0	7267
5/18/2018	6	1095.7	2500	715.3	400	6878	0	7278
5/18/2018	7	1095.8	2500	715.2	400	6889	0	7289
5/18/2018	8	1095.8	2480	715.2	400	6900	0	7300
5/18/2018	9	1095.8	2490	715.3	349	6781	0	7130
5/18/2018	10	1095.8	2500	715.5	398	6658	0	7056
5/18/2018	11	1095.8	2490	715.7	400	6588	0	6988

5/18/2018	12	1095.8	2500	715.8	400	6568	0	6968
5/18/2018	13	1095.8	2490	715.6	400	6491	0	6891
5/18/2018	14	1095.8	2490	715.5	400	6484	0	6884
5/18/2018	15	1095.8	2480	715.2	400	6498	0	6898
5/18/2018	16	1095.8	2490	715.0	400	6510	0	6910
5/18/2018	17	1095.9	2490	714.9	400	6520	0	6920
5/18/2018	18	1095.9	2490	714.8	400	6530	0	6931
5/18/2018	19	1095.9	2490	714.7	400	6541	0	6941
5/18/2018	20	1095.9	2490	714.5	400	6551	0	6951
5/18/2018	21	1095.9	2490	714.5	400	6561	0	6961
5/18/2018	22	1095.9	2480	714.7	400	6571	0	6971
5/18/2018	23	1095.9	2490	715.0	400	6581	0	6981
5/18/2018	24	1095.9	2480	715.1	400	6586	0	6986
5/19/2018	1	1096.0	2490	715.0	400	6590	0	6990
5/19/2018	2	1096.0	2490	714.9	400	6594	0	6995
5/19/2018	3	1096.0	2490	714.9	400	6599	0	6999
5/19/2018	4	1096.0	2490	715.1	400	6603	0	7003
5/19/2018	5	1096.0	2500	715.3	400	6607	0	7007
5/19/2018	6	1096.0	2500	715.3	400	6611	0	7011
5/19/2018	7	1096.0	2490	715.0	400	6615	0	7015
5/19/2018	8	1096.0	2480	714.9	400	6620	0	7021
5/19/2018	9	1096.0	2490	714.7	400	6626	0	7026
5/19/2018	10	1096.0	2480	714.7	400	6632	0	7032
5/19/2018	11	1096.0	2490	714.5	400	6634	0	7034
5/19/2018	12	1096.0	2500	714.5	400	6639	0	7039
5/19/2018	13	1096.0	2490	714.7	400	6641	0	7041
5/19/2018	14	1096.0	2480	714.9	400	6643	0	7043
5/19/2018	15	1096.0	2490	715.0	400	6644	0	7044
5/19/2018	16	1096.0	2490	715.0	400	6646	0	7046
5/19/2018	17	1096.0	2490	714.8	400	6648	0	7048
5/19/2018	18	1096.0	2500	714.9	400	6650	0	7050
5/19/2018	19	1096.0	2490	715.0	400	6653	0	7053
5/19/2018	20	1096.0	2480	715.1	400	6658	0	7058
5/19/2018	21	1096.0	2480	715.2	400	6662	0	7062
5/19/2018	22	1096.0	2480	715.4	400	6667	0	7067
5/19/2018	23	1096.0	2470	715.4	400	6672	0	7072
5/19/2018	24	1096.1	2480	715.4	400	6677	0	7077
5/20/2018	1	1096.1	2480	715.3	400	6682	0	7082
5/20/2018	2	1096.1	2480	715.1	400	6687	0	7087
5/20/2018	3	1096.1	2490	714.9	400	6691	0	7091
5/20/2018	4	1096.1	2490	714.8	400	6692	0	7093
5/20/2018	5	1096.1	2490	714.8	400	6694	0	7094
5/20/2018	6	1096.1	2490	715.0	400	6696	0	7096
5/20/2018	7	1096.1	2470	715.2	400	6698	0	7098
5/20/2018	8	1096.1	2480	715.4	400	6700	0	7100
5/20/2018	9	1096.1	2490	715.5	400	6702	0	7102
5/20/2018	10	1096.1	2490	715.4	400	6704	0	7104
5/20/2018	11	1096.1	2500	715.5	400	6706	0	7106
5/20/2018	12	1096.1	2490	715.5	400	6708	0	7108
5/20/2018	13	1096.1	2500	715.6	400	6711	0	7111
5/20/2018	14	1096.1	2480	715.6	400	6714	0	7114
5/20/2018	15	1096.1	2490	715.6	400	6716	0	7116

5/20/2018	16	1096.1	2490	715.5	400	6719	0	7119
5/20/2018	17	1096.1	2490	715.4	400	6721	0	7121
5/20/2018	18	1096.1	2490	715.2	400	6724	0	7124
5/20/2018	19	1096.1	2480	715.1	400	6726	0	7127
5/20/2018	20	1096.1	2480	715.0	400	6730	0	7130
5/20/2018	21	1096.1	2480	715.2	400	6733	0	7133
5/20/2018	22	1096.1	2490	715.2	400	6736	0	7136
5/20/2018	23	1096.2	2480	714.9	400	6739	0	7139
5/20/2018	24	1096.1	2480	714.6	400	6742	0	7142
5/21/2018	1	1096.1	2490	714.6	400	6745	0	7145
5/21/2018	2	1096.2	2490	714.6	400	6748	0	7148
5/21/2018	3	1096.2	2480	714.5	400	6750	0	7150
5/21/2018	4	1096.2	2490	715.2	400	6752	0	7152
5/21/2018	5	1096.2	2480	715.5	400	6753	0	7153
5/21/2018	6	1096.2	2500	715.4	400	6755	0	7155
5/21/2018	7	1096.2	2490	715.0	400	6756	0	7156
5/21/2018	8	1096.2	2480	714.7	400	6594	0	6994
5/21/2018	9	1096.2	2490	714.7	400	6543	0	6943
5/21/2018	10	1096.1	2490	714.7	400	6530	0	6930
5/21/2018	11	1096.2	2500	715.0	400	6517	0	6917
5/21/2018	12	1096.2	2490	715.2	400	6504	0	6904
5/21/2018	13	1096.2	2490	715.5	400	6494	0	6894
5/21/2018	14	1096.2	2490	715.6	400	6496	0	6896
5/21/2018	15	1096.2	2490	715.6	400	6498	0	6898
5/21/2018	16	1096.2	2480	715.5	400	6501	0	6901
5/21/2018	17	1096.2	2490	715.3	400	6503	0	6903
5/21/2018	18	1096.2	2480	715.2	400	6505	0	6905
5/21/2018	19	1096.2	2490	715.0	400	6507	0	6907
5/21/2018	20	1096.2	2480	714.9	400	6510	0	6910
5/21/2018	21	1096.2	2480	714.9	400	6512	0	6912
5/21/2018	22	1096.2	2480	715.0	400	6516	0	6916
5/21/2018	23	1096.2	2480	715.2	400	6520	0	6920
5/21/2018	24	1096.2	2480	715.5	400	6523	0	6923
5/22/2018	1	1096.2	2490	715.4	400	6527	0	6927
5/22/2018	2	1096.2	2490	715.5	400	6531	0	6931
5/22/2018	3	1096.2	2490	715.4	400	6534	0	6935
5/22/2018	4	1096.2	2490	715.4	400	6538	0	6938
5/22/2018	5	1096.2	2500	715.4	400	6541	0	6941
5/22/2018	6	1096.2	2500	715.5	400	6540	0	6940
5/22/2018	7	1096.2	2490	715.8	400	6538	0	6938
5/22/2018	8	1096.3	2490	716.1	400	6536	0	6937
5/22/2018	9	1096.3	2490	715.8	400	6535	0	6935
5/22/2018	10	1096.2	2490	715.2	400	6533	0	6934
5/22/2018	11	1096.2	2490	714.8	400	6532	0	6932
5/22/2018	12	1096.2	2490	714.8	400	6529	0	6929
5/22/2018	13	1096.3	2490	714.8	400	6505	0	6905
5/22/2018	14	1096.3	2490	715.1	400	6442	0	6843
5/22/2018	15	1096.2	2490	715.5	400	6573	0	6973
5/22/2018	16	1096.3	2480	715.7	400	6578	0	6978
5/22/2018	17	1096.3	2480	715.8	400	6582	0	6983
5/22/2018	18	1096.3	2490	715.9	400	6587	0	6987
5/22/2018	19	1096.3	2490	715.8	400	6592	0	6992

5/22/2018	20	1096.3	2490	715.8	400	6597	0	6997
5/22/2018	21	1096.3	2490	715.8	400	6601	0	7001
5/22/2018	22	1096.3	2460	715.7	400	6606	0	7006
5/22/2018	23	1096.3	2490	715.7	400	6610	0	7010
5/22/2018	24	1096.3	2490	715.6	400	6612	0	7012
5/23/2018	1	1096.3	2490	715.5	400	6615	0	7015
5/23/2018	2	1096.3	2490	715.5	400	6618	0	7018
5/23/2018	3	1096.3	2490	715.5	400	6621	0	7021
5/23/2018	4	1096.3	2480	715.4	400	6623	0	7024
5/23/2018	5	1096.3	2490	715.3	400	6626	0	7026
5/23/2018	6	1096.3	2490	715.5	400	6630	0	7030
5/23/2018	7	1096.3	2480	715.5	400	6670	0	7070
5/23/2018	8	1096.3	2480	715.4	400	6607	0	7007
5/23/2018	9	1096.3	2490	715.2	400	6533	0	6933
5/23/2018	10	1096.3	2490	715.0	400	6540	0	6940
5/23/2018	11	1096.3	2490	715.0	400	6547	0	6947
5/23/2018	12	1096.3	2490	714.9	400	6554	0	6954
5/23/2018	13	1096.4	2480	715.1	400	6561	0	6961
5/23/2018	14	1096.4	2480	715.2	400	6569	0	6968
5/23/2018	15	1096.4	2470	715.3	400	6575	0	6976
5/23/2018	16	1096.4	2490	715.2	400	6582	0	6982
5/23/2018	17	1096.4	2490	715.1	400	6586	0	6986
5/23/2018	18	1096.4	2480	714.9	400	6594	0	6995
5/23/2018	19	1096.4	2490	714.8	400	6598	0	6998
5/23/2018	20	1096.4	2490	714.9	400	6598	0	6998
5/23/2018	21	1096.4	2480	715.3	400	6596	0	6996
5/23/2018	22	1096.4	2480	715.7	400	6595	0	6995
5/23/2018	23	1096.4	2480	715.9	400	6604	0	7004
5/23/2018	24	1096.4	2480	715.9	400	6613	0	7013
5/24/2018	1	1096.4	2490	715.4	400	6621	0	7021
5/24/2018	2	1096.5	2480	715.2	400	6630	0	7030
5/24/2018	3	1096.5	2480	715.1	400	6639	0	7039
5/24/2018	4	1096.5	2490	715.1	400	6647	0	7047
5/24/2018	5	1096.5	2490	714.9	400	6656	0	7056
5/24/2018	6	1096.5	2480	714.7	400	6648	0	7048
5/24/2018	7	1096.5	2490	714.6	400	6631	0	7031
5/24/2018	8	1096.5	2480	714.6	400	6614	0	7014
5/24/2018	9	1096.5	2490	714.9	400	6598	0	6998
5/24/2018	10	1096.5	2490	715.5	400	6596	0	6996
5/24/2018	11	1096.5	2490	715.9	400	6600	0	7000
5/24/2018	12	1096.5	2480	715.9	400	6603	0	7003
5/24/2018	13	1096.5	2490	715.7	400	6606	0	7006
5/24/2018	14	1096.5	2480	715.5	400	6609	0	7009
5/24/2018	15	1096.5	2480	715.4	400	6613	0	7013
5/24/2018	16	1096.5	2480	715.3	400	6616	0	7016
5/24/2018	17	1096.5	2480	714.6	400	6619	0	7019
5/24/2018	18	1096.6	2490	714.2	400	6624	0	7024
5/24/2018	19	1096.6	2490	713.9	400	6629	0	7029
5/24/2018	20	1096.6	2480	714.2	400	6634	0	7035
5/24/2018	21	1096.6	2470	714.5	400	6640	0	7040
5/24/2018	22	1096.6	2470	714.8	400	6645	0	7045
5/24/2018	23	1096.6	2470	714.7	400	6651	0	7050

5/24/2018	24	1096.6	2480	714.4	400	6655	0	7055
5/25/2018	1	1096.6	2470	714.3	400	6661	0	7061
5/25/2018	2	1096.6	2480	714.1	400	6667	0	7067
5/25/2018	3	1096.6	2480	714.2	400	6674	0	7074
5/25/2018	4	1096.6	2480	714.5	400	6679	0	7080
5/25/2018	5	1096.7	2490	714.6	400	6686	0	7086
5/25/2018	6	1096.6	2490	714.7	400	6692	0	7092
5/25/2018	7	1096.6	2490	714.7	400	6698	0	7098
5/25/2018	8	1096.7	2480	714.6	400	6703	0	7104
5/25/2018	9	1096.7	2490	714.3	400	6698	0	7098
5/25/2018	10	1096.7	2470	714.1	400	6684	0	7085
5/25/2018	11	1096.7	2490	714.0	400	6671	0	7071
5/25/2018	12	1096.7	2470	714.2	400	6658	0	7058
5/25/2018	13	1096.7	2480	714.4	400	6645	0	7045
5/25/2018	14	1096.7	2490	714.7	400	6632	0	7032
5/25/2018	15	1096.7	2500	714.9	400	6622	0	7022
5/25/2018	16	1096.7	2500	714.7	400	6621	0	7022
5/25/2018	17	1096.7	2500	714.6	400	6621	0	7021
5/25/2018	18	1096.7	2500	714.4	400	6621	0	7021
5/25/2018	19	1096.7	2500	714.3	400	6621	0	7021
5/25/2018	20	1096.7	2500	714.3	400	6621	0	7021
5/25/2018	21	1096.8	2500	714.4	400	6621	0	7021
5/25/2018	22	1096.8	2500	714.8	400	6621	0	7021
5/25/2018	23	1096.8	2500	714.6	400	6621	0	7021
5/25/2018	24	1096.8	2500	714.6	400	6624	0	7024
5/26/2018	1	1096.8	590	714.2	400	6621	0	7022
5/26/2018	2	1096.8	10	713.9	400	6624	0	7024
5/26/2018	3	1096.9	10	713.6	400	6627	0	7027
5/26/2018	4	1096.9	10	713.5	400	6634	0	7034
5/26/2018	5	1096.9	10	713.5	400	6641	0	7041
5/26/2018	6	1096.9	140	713.6	400	6648	0	7048
5/26/2018	7	1096.9	1440	713.9	400	6655	0	7055
5/26/2018	8	1096.9	2490	714.1	400	6662	0	7062
5/26/2018	9	1096.9	2480	714.1	400	6669	0	7069
5/26/2018	10	1096.9	2490	714.1	400	6676	0	7076
5/26/2018	11	1096.9	2500	714.1	400	6679	0	7079
5/26/2018	12	1096.9	2490	714.1	400	6681	0	7081
5/26/2018	13	1096.9	2500	714.1	400	6683	0	7083
5/26/2018	14	1096.9	2490	714.1	400	6685	0	7085
5/26/2018	15	1096.9	2490	714.2	400	6687	0	7087
5/26/2018	16	1096.9	2490	714.2	400	6690	0	7090
5/26/2018	17	1096.9	2490	714.2	400	6692	0	7092
5/26/2018	18	1096.9	2490	714.2	400	6694	0	7094
5/26/2018	19	1096.9	2490	714.5	400	6695	0	7095
5/26/2018	20	1096.9	2490	714.6	400	6696	0	7095
5/26/2018	21	1096.9	2490	714.6	400	6696	0	7096
5/26/2018	22	1096.9	2500	714.6	400	6697	0	7097
5/26/2018	23	1096.9	2490	714.4	400	6698	0	7098
5/26/2018	24	1096.9	2480	714.2	400	6699	0	7098
5/27/2018	1	1096.9	2490	714.1	400	6699	0	7099
5/27/2018	2	1096.9	2490	713.8	400	6699	0	7099
5/27/2018	3	1096.9	2490	713.7	400	6696	0	7096

5/27/2018	4	1096.9	2480	713.6	400	6692	0	7092
5/27/2018	5	1096.9	2490	713.7	400	6689	0	7089
5/27/2018	6	1096.9	2500	713.7	400	6685	0	7085
5/27/2018	7	1096.9	2480	713.7	400	6681	0	7081
5/27/2018	8	1096.9	2480	713.5	400	6677	0	7077
5/27/2018	9	1096.8	2500	713.5	400	6673	0	7073
5/27/2018	10	1096.8	2500	713.7	400	6667	0	7067
5/27/2018	11	1096.8	2500	713.9	400	6647	0	7048
5/27/2018	12	1096.8	2500	714.0	400	6632	0	7032
5/27/2018	13	1096.8	2490	714.1	400	6631	0	7031
5/27/2018	14	1096.8	2490	714.2	400	6631	0	7031
5/27/2018	15	1096.8	2500	714.1	400	6620	0	7020
5/27/2018	16	1096.8	2500	714.1	400	6619	0	7019
5/27/2018	17	1096.8	2490	714.1	400	6622	0	7021
5/27/2018	18	1096.8	2500	714.3	400	6632	0	7032
5/27/2018	19	1096.8	2500	714.4	400	6631	0	7031
5/27/2018	20	1096.8	2480	714.5	400	6631	0	7031
5/27/2018	21	1096.8	2480	714.4	400	6627	0	7027
5/27/2018	22	1096.8	2500	714.3	400	6633	0	7033
5/27/2018	23	1096.8	2490	713.9	400	6635	0	7036
5/27/2018	24	1096.8	2490	713.5	400	6638	0	7038
5/28/2018	1	1096.8	2500	713.2	400	6641	0	7041
5/28/2018	2	1096.8	2480	713.5	400	6644	0	7044
5/28/2018	3	1096.8	2490	713.6	400	6647	0	7047
5/28/2018	4	1096.8	2500	713.8	400	6650	0	7050
5/28/2018	5	1096.8	2490	713.9	400	6653	0	7053
5/28/2018	6	1096.8	2500	714.2	400	6647	0	7047
5/28/2018	7	1096.8	2490	714.3	400	6635	0	7036
5/28/2018	8	1096.8	2480	714.6	400	6627	0	7027
5/28/2018	9	1096.8	2500	714.6	400	6627	0	7027
5/28/2018	10	1096.8	2500	714.4	400	6627	0	7027
5/28/2018	11	1096.8	2490	714.2	400	6627	0	7027
5/28/2018	12	1096.8	2490	714.1	400	6632	0	7032
5/28/2018	13	1096.8	2490	713.9	400	6627	0	7027
5/28/2018	14	1096.8	2490	713.7	400	6631	0	7031
5/28/2018	15	1096.8	2480	713.4	400	6632	0	7032
5/28/2018	16	1096.8	2480	713.4	400	6624	0	7024
5/28/2018	17	1096.8	2490	713.4	400	6627	0	7027
5/28/2018	18	1096.8	2480	713.4	400	6635	0	7035
5/28/2018	19	1096.9	2490	713.4	400	6638	0	7038
5/28/2018	20	1096.8	2470	713.6	400	6641	0	7041
5/28/2018	21	1096.8	2470	713.8	400	6643	0	7044
5/28/2018	22	1096.8	2480	714.0	400	6647	0	7046
5/28/2018	23	1096.8	2480	714.1	400	6649	0	7049
5/28/2018	24	1096.8	2480	714.1	400	6652	0	7052
5/29/2018	1	1096.8	2490	714.2	400	6654	0	7054
5/29/2018	2	1096.8	2490	714.4	400	6649	0	7049
5/29/2018	3	1096.8	2490	714.4	400	6633	0	7033
5/29/2018	4	1096.8	2500	714.5	400	6630	0	7030
5/29/2018	5	1096.8	2500	714.6	400	6628	0	7028
5/29/2018	6	1096.8	2500	714.6	400	6626	0	7026
5/29/2018	7	1096.8	2490	714.7	400	6625	0	7025

5/29/2018	8	1096.8	2480	715.1	400	6623	0	7023
5/29/2018	9	1096.8	2490	715.0	401	6612	0	7013
5/29/2018	10	1096.8	2490	714.6	400	6563	0	6963
5/29/2018	11	1096.8	2500	714.0	400	6401	0	6801
5/29/2018	12	1096.8	2500	713.1	401	6216	0	6616
5/29/2018	13	1096.8	2480	712.6	400	6031	0	6431
5/29/2018	14	1096.8	2490	712.9	400	5858	0	6258
5/29/2018	15	1096.8	2480	713.4	400	5707	0	6107
5/29/2018	16	1096.8	2490	713.6	400	5617	0	6017
5/29/2018	17	1096.8	2490	713.6	400	5618	0	6018
5/29/2018	18	1096.8	2480	713.8	400	5620	0	6020
5/29/2018	19	1096.8	2490	714.2	400	5621	0	6021
5/29/2018	20	1096.8	2500	714.7	400	5623	0	6023
5/29/2018	21	1096.8	2490	715.0	400	5623	0	6023
5/29/2018	22	1096.8	2480	714.8	400	5620	0	6020
5/29/2018	23	1096.8	2480	714.4	400	5615	0	6015
5/29/2018	24	1096.8	2480	713.9	400	5609	0	6008
5/30/2018	1	1096.8	2490	713.5	400	5602	0	6002
5/30/2018	2	1096.8	2480	713.3	400	5596	0	5996
5/30/2018	3	1096.8	2490	713.2	400	5589	0	5989
5/30/2018	4	1096.8	2480	713.2	400	5583	0	5983
5/30/2018	5	1096.8	2490	713.2	400	5576	0	5976
5/30/2018	6	1096.8	2490	713.2	400	5572	0	5972
5/30/2018	7	1096.8	2490	713.1	400	5574	0	5974
5/30/2018	8	1096.7	2490	713.0	400	5576	0	5976
5/30/2018	9	1096.7	2500	712.9	400	5578	0	5978
5/30/2018	10	1096.7	2500	712.7	400	5580	0	5981
5/30/2018	11	1096.7	2480	712.7	400	5604	0	6004
5/30/2018	12	1096.7	2490	712.9	400	5298	0	5699
5/30/2018	13	1096.7	2490	712.7	400	5115	0	5516
5/30/2018	14	1096.7	2480	712.8	400	4926	0	5326
5/30/2018	15	1096.7	2490	712.9	400	4766	0	5166
5/30/2018	16	1096.7	2470	713.3	400	4570	0	4970
5/30/2018	17	1096.6	2480	713.6	400	4402	0	4802
5/30/2018	18	1096.6	2480	713.7	400	4236	0	4636
5/30/2018	19	1096.6	2500	713.5	401	4032	0	4432
5/30/2018	20	1096.7	2480	713.0	401	3830	0	4230
5/30/2018	21	1096.6	2480	712.6	400	3621	0	4021
5/30/2018	22	1096.6	2480	712.4	400	3520	0	3920
5/30/2018	23	1096.7	2480	712.5	400	3603	0	4003
5/30/2018	24	1096.7	2480	712.5	400	3602	0	4002
5/31/2018	1	1096.6	2480	712.4	400	3602	0	4002
5/31/2018	2	1096.6	2480	712.2	400	3601	0	4001
5/31/2018	3	1096.6	2490	712.1	400	3601	0	4001
5/31/2018	4	1096.7	2490	712.1	400	3601	0	4001
5/31/2018	5	1096.6	2480	712.2	400	3600	0	4000
5/31/2018	6	1096.6	2500	712.3	400	3600	0	4000
5/31/2018	7	1096.6	2490	712.4	400	3598	0	3998
5/31/2018	8	1096.6	2480	712.3	400	3596	0	3996
5/31/2018	9	1096.6	2490	712.2	400	3593	0	3993
5/31/2018	10	1096.6	2490	711.9	400	3450	0	3850
5/31/2018	11	1096.6	2490	711.8	400	3240	0	3640

5/31/2018	12	1096.6	2500	711.7	400	3054	0	3455
5/31/2018	13	1096.6	2510	711.8	400	2864	0	3264
5/31/2018	14	1096.6	2500	712.2	400	2666	0	3066
5/31/2018	15	1096.6	2500	712.6	400	2620	0	3020
5/31/2018	16	1096.7	2490	712.8	400	2618	0	3018
5/31/2018	17	1096.7	2510	712.5	400	2616	0	3016
5/31/2018	18	1096.7	2510	712.3	400	2614	0	3015
5/31/2018	19	1096.7	2510	712.2	400	2613	0	3013
5/31/2018	20	1096.7	2510	712.1	400	2611	0	3011
5/31/2018	21	1096.7	2510	712.5	400	2609	0	3009
5/31/2018	22	1096.6	2510	712.6	400	2607	0	3007
5/31/2018	23	1096.6	2510	712.5	400	2607	0	3007
5/31/2018	24	1096.6	2500	712.5	400	2607	0	3007
6/1/2018	1	1096.7	2510	712.9	400	2607	0	3007
6/1/2018	2	1096.6	2510	713.1	400	2607	0	3007
6/1/2018	3	1096.6	2510	713.1	400	2607	0	3007
6/1/2018	4	1096.6	2510	713.2	400	2606	0	3007
6/1/2018	5	1096.6	2510	713.3	400	2606	0	3006
6/1/2018	6	1096.6	2510	713.3	400	2606	0	3006
6/1/2018	7	1096.6	2510	713.1	400	2606	0	3006
6/1/2018	8	1096.6	2510	713.1	400	2605	0	3005
6/1/2018	9	1096.6	2510	713.0	400	2604	0	3004
6/1/2018	10	1096.6	2510	712.9	400	2603	0	3003
6/1/2018	11	1096.6	2510	712.8	400	2603	0	3003
6/1/2018	12	1096.6	2510	712.9	400	2602	0	3002
6/1/2018	13	1096.6	2510	712.9	400	2601	0	3001
6/1/2018	14	1096.6	2510	713.1	400	2601	0	3001
6/1/2018	15	1096.6	2510	713.2	400	2601	0	3001
6/1/2018	16	1096.6	2510	713.2	400	2601	0	3001
6/1/2018	17	1096.6	2510	713.4	400	2601	0	3001
6/1/2018	18	1096.6	2510	713.5	400	2601	0	3001
6/1/2018	19	1096.6	2510	713.7	400	2602	0	3002
6/1/2018	20	1096.6	2510	713.8	400	2602	0	3002
6/1/2018	21	1096.6	2510	713.7	400	2602	0	3002
6/1/2018	22	1096.6	2510	713.6	400	2602	0	3002
6/1/2018	23	1096.6	2510	713.6	400	2601	0	3002
6/1/2018	24	1096.6	2510	713.4	400	2601	0	3001
6/2/2018	1	1096.6	2510	713.2	400	2600	0	3000
6/2/2018	2	1096.6	2510	713.0	400	2600	0	3000
6/2/2018	3	1096.6	2510	712.9	400	2599	0	2999
6/2/2018	4	1096.6	2520	712.6	400	2599	0	2999
6/2/2018	5	1096.6	2520	712.5	400	2598	0	2998
6/2/2018	6	1096.6	2510	712.4	400	2598	0	2998
6/2/2018	7	1096.6	2510	712.4	400	2597	0	2997
6/2/2018	8	1096.6	2510	712.4	400	2597	0	2997
6/2/2018	9	1096.6	2520	712.3	400	2596	0	2996
6/2/2018	10	1096.6	2510	712.4	400	2596	0	2996
6/2/2018	11	1096.6	2520	712.6	400	2595	0	2995
6/2/2018	12	1096.6	2520	712.9	400	2595	0	2995
6/2/2018	13	1096.6	2510	712.9	400	2595	0	2995
6/2/2018	14	1096.6	2510	712.9	400	2594	0	2994
6/2/2018	15	1096.5	2510	713.0	400	2593	0	2993

6/2/2018	16	1096.5	2510	713.1	400	2593	0	2993
6/2/2018	17	1096.5	2510	713.1	400	2592	0	2992
6/2/2018	18	1096.5	2510	713.1	400	2591	0	2991
6/2/2018	19	1096.5	2510	713.1	400	2591	0	2991
6/2/2018	20	1096.5	2510	712.9	400	2590	0	2990
6/2/2018	21	1096.5	2510	712.6	400	2589	0	2989
6/2/2018	22	1096.5	2510	712.4	400	2589	0	2989
6/2/2018	23	1096.5	2500	712.4	400	2589	0	2989
6/2/2018	24	1096.5	2510	712.5	400	2589	0	2989
6/3/2018	1	1096.5	2510	712.7	400	2590	0	2990
6/3/2018	2	1096.5	2510	712.7	400	2590	0	2990
6/3/2018	3	1096.5	2510	712.7	400	2591	0	2991
6/3/2018	4	1096.5	2510	712.6	400	2591	0	2991
6/3/2018	5	1096.5	2510	712.3	400	2592	0	2992
6/3/2018	6	1096.5	2510	712.1	400	2575	0	2975
6/3/2018	7	1096.5	2510	711.9	400	2400	0	2801
6/3/2018	8	1096.5	2510	712.0	400	2212	0	2613
6/3/2018	9	1096.5	2520	712.2	401	2011	0	2412
6/3/2018	10	1096.5	2510	712.5	401	1816	0	2217
6/3/2018	11	1096.5	2510	712.7	401	1626	0	2027
6/3/2018	12	1096.5	2510	712.7	400	1610	0	2010
6/3/2018	13	1096.5	2510	712.9	400	1610	0	2010
6/3/2018	14	1096.6	2510	713.1	400	1610	0	2010
6/3/2018	15	1096.5	2510	713.2	400	1610	0	2010
6/3/2018	16	1096.6	2510	713.1	400	1610	0	2011
6/3/2018	17	1096.6	2510	712.9	400	1611	0	2011
6/3/2018	18	1096.6	2510	712.7	400	1611	0	2011
6/3/2018	19	1096.6	2500	712.6	400	1611	0	2011
6/3/2018	20	1096.6	2510	712.5	400	1611	0	2011
6/3/2018	21	1096.6	2510	712.6	400	1612	0	2012
6/3/2018	22	1096.6	2500	712.6	400	1612	0	2012
6/3/2018	23	1096.6	2510	712.5	400	1612	0	2013
6/3/2018	24	1096.6	2500	712.5	400	1613	0	2013
6/4/2018	1	1096.6	2500	712.4	400	1613	0	2013
6/4/2018	2	1096.6	2510	712.3	400	1614	0	2014
6/4/2018	3	1096.6	2520	711.7	400	1614	0	2014
6/4/2018	4	1096.6	2510	711.3	400	1614	0	2014
6/4/2018	5	1096.6	2510	711.3	400	1613	0	2013
6/4/2018	6	1096.6	2510	711.7	400	1613	0	2013
6/4/2018	7	1096.6	2510	712.2	400	1613	0	2013
6/4/2018	8	1096.6	2510	712.4	400	1613	0	2013
6/4/2018	9	1096.6	2510	712.4	400	1613	0	2013
6/4/2018	10	1096.6	2510	712.2	400	1612	0	2012
6/4/2018	11	1096.6	2510	712.1	400	1613	0	2013
6/4/2018	12	1096.6	2520	712.0	400	1613	0	2013
6/4/2018	13	1096.6	2510	711.6	400	1614	0	2014
6/4/2018	14	1096.6	2510	711.5	400	1615	0	2015
6/4/2018	15	1096.6	2520	711.7	400	1616	0	2016
6/4/2018	16	1096.6	2520	712.1	400	1616	0	2016
6/4/2018	17	1096.6	2510	712.3	400	1617	0	2017
6/4/2018	18	1096.6	2520	712.2	400	1618	0	2018
6/4/2018	19	1096.6	2510	712.2	400	1618	0	2018

6/4/2018	20	1096.6	2510	712.4	400	1618	0	2018
6/4/2018	21	1096.6	2500	712.5	400	1618	0	2018
6/4/2018	22	1096.6	2510	712.4	400	1618	0	2018
6/4/2018	23	1096.6	2500	712.3	400	1618	0	2018
6/4/2018	24	1096.6	2500	712.2	400	1618	0	2018
6/5/2018	1	1096.6	2510	712.1	400	1618	0	2018
6/5/2018	2	1096.6	2510	712.1	400	1617	0	2017
6/5/2018	3	1096.6	2510	712.1	400	1617	0	2017
6/5/2018	4	1096.6	2510	712.0	400	1617	0	2017
6/5/2018	5	1096.6	2510	711.8	400	1616	0	2017
6/5/2018	6	1096.6	2520	711.9	400	1616	0	2016
6/5/2018	7	1096.6	2510	712.4	400	1616	0	2016
6/5/2018	8	1096.6	2510	712.8	400	1615	0	2016
6/5/2018	9	1096.6	2510	712.8	400	1615	0	2015
6/5/2018	10	1096.6	2510	712.4	400	1615	0	2015
6/5/2018	11	1096.6	2510	712.1	400	1599	0	1999
6/5/2018	12	1096.6	2520	712.0	400	1430	0	1830
6/5/2018	13	1096.6	2520	712.1	400	1220	0	1620
6/5/2018	14	1096.6	2510	712.1	400	1188	0	1588
6/5/2018	15	1096.6	2510	712.1	400	1165	0	1565
6/5/2018	16	1096.6	2510	712.0	400	1141	0	1541
6/5/2018	17	1096.6	2510	711.9	400	1117	0	1517
6/5/2018	18	1096.6	2510	711.8	400	1100	0	1500
6/5/2018	19	1096.6	2520	711.8	400	1100	0	1500
6/5/2018	20	1096.6	2510	712.0	400	1100	0	1500
6/5/2018	21	1096.6	2510	712.3	400	1101	0	1501
6/5/2018	22	1096.6	2500	712.3	400	1101	0	1501
6/5/2018	23	1096.6	2510	712.1	400	1101	0	1501
6/5/2018	24	1096.6	2510	712.0	400	1101	0	1501
6/6/2018	1	1096.6	2510	712.2	400	1101	0	1502
6/6/2018	2	1096.6	2510	712.3	400	1100	0	1500
6/6/2018	3	1096.6	2520	712.2	400	1096	0	1496
6/6/2018	4	1096.6	2510	712.0	400	1091	0	1491
6/6/2018	5	1096.6	2510	712.0	400	1086	0	1486
6/6/2018	6	1096.6	2510	712.2	400	1081	0	1481
6/6/2018	7	1096.6	2510	712.3	400	1077	0	1477
6/6/2018	8	1096.6	2500	712.4	400	1072	0	1472
6/6/2018	9	1096.6	2510	712.2	400	1067	0	1467
6/6/2018	10	1096.6	2510	711.9	283	1216	0	1499
6/6/2018	11	1096.6	2510	711.7	296	1198	0	1494
6/6/2018	12	1096.6	2520	711.8	295	1199	0	1494
6/6/2018	13	1096.6	2510	711.5	295	1199	0	1495
6/6/2018	14	1096.6	2510	711.5	295	1200	0	1495
6/6/2018	15	1096.6	2500	711.5	295	1200	0	1495
6/6/2018	16	1096.6	2510	711.7	295	1201	0	1496
6/6/2018	17	1096.6	2510	711.9	295	1201	0	1496
6/6/2018	18	1096.6	2510	711.9	295	1201	0	1497
6/6/2018	19	1096.6	2510	712.0	295	1202	0	1497
6/6/2018	20	1096.6	2510	712.1	295	1202	0	1497
6/6/2018	21	1096.6	2500	712.0	295	1202	0	1497
6/6/2018	22	1096.6	2490	711.8	295	1202	0	1498
6/6/2018	23	1096.6	2500	711.8	295	1203	0	1498

6/6/2018	24	1096.6	2510	712.2	295	1203	0	1498
6/7/2018	1	1096.6	2500	712.2	295	1203	0	1498
6/7/2018	2	1096.6	2500	712.2	295	1204	0	1499
6/7/2018	3	1096.6	2480	712.1	295	1203	0	1499
6/7/2018	4	1096.6	2460	711.9	295	1203	0	1499
6/7/2018	5	1096.6	2480	711.8	295	1203	0	1499
6/7/2018	6	1096.6	2490	711.7	295	1203	0	1498
6/7/2018	7	1096.6	2460	711.5	295	1203	0	1498
6/7/2018	8	1096.6	2440	711.5	295	1203	0	1498
6/7/2018	9	1096.6	2470	711.1	295	1203	0	1498
6/7/2018	10	1096.6	2450	710.9	295	1203	0	1498
6/7/2018	11	1096.6	2480	711.0	295	1204	0	1499
6/7/2018	12	1096.6	2490	711.2	295	1204	0	1499
6/7/2018	13	1096.6	2480	711.4	295	1204	0	1499
6/7/2018	14	1096.6	2490	711.6	295	1204	0	1499
6/7/2018	15	1096.6	2440	711.5	295	1204	0	1499
6/7/2018	16	1096.6	2440	711.4	295	1205	0	1500
6/7/2018	17	1096.6	2480	711.4	295	1205	0	1500
6/7/2018	18	1096.6	2510	711.4	295	1205	0	1500
6/7/2018	19	1096.6	2510	711.2	295	1206	0	1501
6/7/2018	20	1096.6	2510	711.0	295	1206	0	1501
6/7/2018	21	1096.6	2500	711.0	295	1207	0	1502
6/7/2018	22	1096.6	2510	711.3	295	1207	0	1502
6/7/2018	23	1096.6	2510	711.4	295	1208	0	1503
6/7/2018	24	1096.6	2500	711.4	295	1208	0	1503
6/8/2018	1	1096.6	2500	711.3	295	1209	0	1504
6/8/2018	2	1096.7	2500	711.4	295	1209	0	1504
6/8/2018	3	1096.7	2510	711.6	295	1209	0	1504
6/8/2018	4	1096.6	2510	711.6	295	1208	0	1504
6/8/2018	5	1096.6	2510	711.6	295	1208	0	1503
6/8/2018	6	1096.7	2510	711.6	295	1208	0	1503
6/8/2018	7	1096.7	2500	711.5	295	1208	0	1503
6/8/2018	8	1096.7	2510	711.5	295	1208	0	1503
6/8/2018	9	1096.6	2510	711.5	295	1207	0	1502
6/8/2018	10	1096.7	2510	711.5	295	1207	0	1502
6/8/2018	11	1096.7	2510	711.4	295	1207	0	1502
6/8/2018	12	1096.7	2520	711.4	295	1208	0	1503
6/8/2018	13	1096.7	2510	711.6	295	1208	0	1503
6/8/2018	14	1096.7	2500	711.5	295	1208	0	1503
6/8/2018	15	1096.7	2510	711.3	295	1209	0	1504
6/8/2018	16	1096.7	2500	711.1	295	1209	0	1504
6/8/2018	17	1096.7	2500	711.1	295	1209	0	1504
6/8/2018	18	1096.7	2500	711.1	295	1209	0	1504
6/8/2018	19	1096.8	2510	711.3	295	1210	0	1505
6/8/2018	20	1096.7	2500	711.4	295	1210	0	1505
6/8/2018	21	1096.7	2500	711.4	295	1211	0	1506
6/8/2018	22	1096.8	2500	711.3	295	1211	0	1506
6/8/2018	23	1096.8	2500	711.3	295	1212	0	1507
6/8/2018	24	1096.7	2500	711.7	295	1212	0	1507
6/9/2018	1	1096.7	2510	712.0	295	1213	0	1508
6/9/2018	2	1096.7	2500	712.1	295	1213	0	1508
6/9/2018	3	1096.7	2500	712.0	295	1214	0	1509

6/9/2018	4	1096.7	2500	711.7	295	1214	0	1509
6/9/2018	5	1096.7	2500	711.5	295	1214	0	1509
6/9/2018	6	1096.7	2510	711.5	295	1214	0	1509
6/9/2018	7	1096.7	2510	711.5	295	1215	0	1510
6/9/2018	8	1096.8	2510	711.5	295	1215	0	1510
6/9/2018	9	1096.8	2510	711.4	295	1215	0	1510
6/9/2018	10	1096.7	2510	711.4	295	1215	0	1510
6/9/2018	11	1096.8	2510	711.4	295	1084	0	1380
6/9/2018	12	1096.8	2500	711.4	296	874	0	1171
6/9/2018	13	1096.8	2500	711.4	296	752	0	1048
6/9/2018	14	1096.7	2500	711.2	295	742	0	1038
6/9/2018	15	1096.7	2500	711.1	295	737	0	1032
6/9/2018	16	1096.8	2500	711.1	295	732	0	1027
6/9/2018	17	1096.8	2500	711.1	295	726	0	1021
6/9/2018	18	1096.7	2500	710.9	295	720	0	1015
6/9/2018	19	1096.8	2510	710.8	295	715	0	1010
6/9/2018	20	1096.8	2500	710.8	295	709	0	1004
6/9/2018	21	1096.8	2500	710.8	295	705	0	1000
6/9/2018	22	1096.8	2500	710.9	295	704	0	999
6/9/2018	23	1096.8	2060	710.8	295	704	0	1000
6/9/2018	24	1096.8	2440	711.0	295	705	0	1000
6/10/2018	1	1096.8	1730	711.1	295	705	0	1000
6/10/2018	2	1096.8	1080	711.0	295	705	0	1000
6/10/2018	3	1096.8	880	710.9	295	705	0	1000
6/10/2018	4	1096.8	1060	710.7	295	705	0	1000
6/10/2018	5	1096.8	1120	710.6	295	705	0	1000
6/10/2018	6	1096.9	1130	710.3	295	705	0	1000
6/10/2018	7	1096.8	1890	710.4	295	705	0	1000
6/10/2018	8	1096.9	2480	710.6	295	705	0	1000
6/10/2018	9	1096.9	2490	710.5	295	704	0	999
6/10/2018	10	1096.9	2500	710.5	295	704	0	999
6/10/2018	11	1096.9	2480	710.4	295	704	0	999
6/10/2018	12	1096.9	2500	710.4	295	704	0	999
6/10/2018	13	1096.9	2490	710.5	295	703	0	999
6/10/2018	14	1096.9	2500	710.5	295	704	0	999
6/10/2018	15	1096.9	2480	710.5	295	704	0	999
6/10/2018	16	1096.9	2500	710.6	295	704	0	999
6/10/2018	17	1096.9	2490	710.8	295	704	0	999
6/10/2018	18	1096.9	2500	711.0	295	704	0	999
6/10/2018	19	1096.9	2510	711.2	295	704	0	999
6/10/2018	20	1096.9	2490	711.5	295	704	0	999
6/10/2018	21	1096.9	2480	711.6	295	704	0	999
6/10/2018	22	1096.9	2470	711.5	295	704	0	999
6/10/2018	23	1096.9	2470	711.5	295	704	0	999
6/10/2018	24	1096.9	2460	711.4	295	704	0	999
6/11/2018	1	1096.9	2480	711.3	295	704	0	999
6/11/2018	2	1096.9	2470	711.3	295	704	0	999
6/11/2018	3	1096.9	2480	711.1	295	704	0	999
6/11/2018	4	1096.9	2490	710.8	295	703	0	999
6/11/2018	5	1096.9	2500	710.7	295	704	0	999
6/11/2018	6	1096.9	2490	710.7	295	708	0	1003
6/11/2018	7	1096.9	2480	710.7	295	713	0	1008

6/11/2018	8	1096.9	2470	710.7	295	717	0	1012
6/11/2018	9	1096.9	2490	711.0	295	709	0	1004
6/11/2018	10	1096.9	2500	711.3	296	700	0	996
6/11/2018	11	1096.9	2490	711.4	295	701	0	996
6/11/2018	12	1096.9	2500	711.3	295	701	0	996
6/11/2018	13	1096.9	2490	711.0	300	697	0	997
6/11/2018	14	1096.9	2480	710.9	300	697	0	997
6/11/2018	15	1096.9	2500	711.0	300	698	0	998
6/11/2018	16	1096.9	2490	711.0	300	698	0	998
6/11/2018	17	1096.9	2490	711.0	300	699	0	998
6/11/2018	18	1096.9	2480	711.0	300	698	0	998
6/11/2018	19	1096.9	2490	711.0	300	698	0	998
6/11/2018	20	1096.9	2480	711.2	300	699	0	998
6/11/2018	21	1096.9	2480	711.3	300	698	0	998
6/11/2018	22	1096.9	2500	711.2	300	699	0	998
6/11/2018	23	1096.9	2480	711.0	300	698	0	998
6/11/2018	24	1096.9	2500	711.0	300	698	0	998
6/12/2018	1	1096.9	2500	710.9	300	696	0	996
6/12/2018	2	1096.9	2490	711.0	300	685	0	985
6/12/2018	3	1096.9	2490	711.1	300	674	0	974
6/12/2018	4	1096.9	2500	711.1	300	662	0	962
6/12/2018	5	1096.9	2500	710.9	300	650	0	950
6/12/2018	6	1096.9	2500	710.7	300	638	0	938
6/12/2018	7	1096.9	2470	710.8	300	627	0	927
6/12/2018	8	1096.9	2470	711.0	300	615	0	915
6/12/2018	9	1096.9	2490	711.1	300	598	0	898
6/12/2018	10	1096.9	2500	711.2	300	559	0	859
6/12/2018	11	1096.8	2500	711.0	300	516	0	816
6/12/2018	12	1096.8	2480	711.0	300	472	0	771
6/12/2018	13	1096.8	2500	711.2	300	427	0	727
6/12/2018	14	1096.8	2490	711.2	300	383	0	683
6/12/2018	15	1096.8	2500	711.0	300	338	0	638
6/12/2018	16	1096.8	2500	710.9	300	294	0	594
6/12/2018	17	1096.8	2500	710.7	300	250	0	550
6/12/2018	18	1096.8	2480	710.9	300	209	0	509
6/12/2018	19	1096.8	2480	711.1	301	201	0	502
6/12/2018	20	1096.8	2480	711.2	300	202	0	502
6/12/2018	21	1096.8	2470	711.2	300	202	0	502
6/12/2018	22	1096.8	2490	711.1	300	202	0	502
6/12/2018	23	1096.8	2480	711.0	300	202	0	502
6/12/2018	24	1096.8	2470	711.0	300	202	0	502
6/13/2018	1	1096.9	2490	711.0	300	202	0	503
6/13/2018	2	1096.8	2500	710.9	300	203	0	503
6/13/2018	3	1096.8	2500	711.0	300	202	0	502
6/13/2018	4	1096.8	2490	711.0	300	202	0	502
6/13/2018	5	1096.8	2490	711.0	300	202	0	502
6/13/2018	6	1096.8	2500	710.7	300	201	0	501
6/13/2018	7	1096.8	2470	710.7	300	201	0	501
6/13/2018	8	1096.9	2460	710.6	300	200	0	500
6/13/2018	9	1096.8	2470	710.7	300	200	0	500
6/13/2018	10	1096.9	2480	710.7	300	200	0	500
6/13/2018	11	1096.9	2490	710.6	300	200	0	500

6/13/2018	12	1096.9	2500	710.6	300	200	0	500
6/13/2018	13	1096.9	2500	710.8	300	200	0	500
6/13/2018	14	1096.9	2510	710.8	300	200	0	500
6/13/2018	15	1096.9	2500	710.7	300	200	0	500
6/13/2018	16	1096.9	2500	710.7	300	200	0	500
6/13/2018	17	1096.9	2500	711.0	300	201	0	500
6/13/2018	18	1096.9	2510	711.4	300	201	0	501
6/13/2018	19	1096.9	2510	711.5	300	201	0	501
6/13/2018	20	1096.9	2510	711.4	300	201	0	501
6/13/2018	21	1096.9	2480	711.2	300	201	0	501
6/13/2018	22	1096.9	2490	711.1	300	201	0	501
6/13/2018	23	1096.9	2490	711.0	300	201	0	501
6/13/2018	24	1096.9	2490	711.0	300	201	0	501
6/14/2018	1	1096.9	2500	710.9	300	201	0	501
6/14/2018	2	1096.9	2500	710.6	300	201	0	501
6/14/2018	3	1096.9	2490	710.4	300	201	0	501
6/14/2018	4	1096.9	2500	710.3	300	201	0	501
6/14/2018	5	1096.9	2510	710.3	300	201	0	501
6/14/2018	6	1096.9	2510	710.4	300	201	0	501
6/14/2018	7	1096.9	2490	710.5	300	201	0	501
6/14/2018	8	1096.9	2490	710.3	300	201	0	500
6/14/2018	9	1096.9	2480	710.5	300	200	0	500
6/14/2018	10	1096.9	2490	710.6	300	200	0	500
6/14/2018	11	1096.9	2520	710.5	300	200	0	500
6/14/2018	12	1096.9	2510	710.2	300	200	0	500
6/14/2018	13	1096.9	2500	710.2	300	200	0	500
6/14/2018	14	1096.9	2520	710.1	300	200	0	500
6/14/2018	15	1096.9	2490	710.2	300	200	0	500
6/14/2018	16	1096.9	2510	710.2	300	200	0	500
6/14/2018	17	1096.9	2500	710.2	300	200	0	500
6/14/2018	18	1096.9	2500	710.6	300	200	0	500
6/14/2018	19	1096.9	2500	710.8	300	200	0	500
6/14/2018	20	1096.9	2500	710.8	300	200	0	500
6/14/2018	21	1096.9	2500	711.1	300	201	0	501
6/14/2018	22	1096.9	2500	711.4	300	201	0	501
6/14/2018	23	1096.9	2500	711.4	300	201	0	501
6/14/2018	24	1096.9	2490	711.3	300	201	0	501
6/15/2018	1	1096.9	2500	710.7	300	201	0	501
6/15/2018	2	1096.9	2510	710.5	300	201	0	501
6/15/2018	3	1096.9	2500	710.5	300	201	0	501
6/15/2018	4	1096.9	2510	710.4	300	201	0	501
6/15/2018	5	1096.9	2500	710.4	300	201	0	501
6/15/2018	6	1096.9	2510	710.5	300	201	0	501
6/15/2018	7	1096.9	2500	710.6	300	201	0	501
6/15/2018	8	1096.9	2510	710.7	300	201	0	501
6/15/2018	9	1096.9	2500	710.9	300	201	0	501
6/15/2018	10	1096.9	2500	710.9	300	201	0	501
6/15/2018	11	1096.9	2500	710.8	300	201	0	501
6/15/2018	12	1096.9	2500	710.7	300	201	0	501
6/15/2018	13	1096.9	2490	710.7	300	201	0	501
6/15/2018	14	1096.9	2480	710.8	300	201	0	501
6/15/2018	15	1096.9	2500	711.0	300	201	0	501

6/15/2018	16	1096.9	2500	711.2	300	201	0	501
6/15/2018	17	1096.9	2470	711.1	300	201	0	501
6/15/2018	18	1096.9	2490	711.0	300	201	0	501
6/15/2018	19	1096.9	2490	710.8	300	201	0	501
6/15/2018	20	1096.9	2510	710.9	300	201	0	501
6/15/2018	21	1096.9	2510	711.0	300	201	0	501
6/15/2018	22	1096.9	2500	710.8	300	201	0	501
6/15/2018	23	1096.9	2480	710.6	300	201	0	501
6/15/2018	24	1096.9	2470	710.4	300	201	0	501
6/16/2018	1	1096.9	2510	710.4	300	202	0	501
6/16/2018	2	1096.9	2490	710.2	300	201	0	501
6/16/2018	3	1096.9	2500	710.2	300	201	0	501
6/16/2018	4	1096.9	2510	710.1	300	201	0	501
6/16/2018	5	1096.9	2490	710.0	300	201	0	501
6/16/2018	6	1096.9	2510	710.0	300	201	0	501
6/16/2018	7	1096.9	2490	710.0	300	201	0	501
6/16/2018	8	1096.9	2480	710.2	300	201	0	501
6/16/2018	9	1096.9	2480	710.2	300	201	0	501
6/16/2018	10	1096.9	2480	710.3	300	201	0	501
6/16/2018	11	1096.9	2470	710.2	300	200	0	501
6/16/2018	12	1096.9	2470	710.2	300	200	0	500
6/16/2018	13	1096.9	2500	710.1	300	200	0	500
6/16/2018	14	1096.9	2460	710.1	300	200	0	500
6/16/2018	15	1096.9	2500	709.8	300	200	0	500
6/16/2018	16	1096.9	2480	709.6	300	199	0	500
6/16/2018	17	1096.9	2470	709.3	300	199	0	499
6/16/2018	18	1096.9	2490	709.2	300	199	0	499
6/16/2018	19	1096.9	2510	709.1	300	199	0	499
6/16/2018	20	1096.9	2510	709.0	300	200	0	500
6/16/2018	21	1096.9	2490	709.0	300	200	0	500
6/16/2018	22	1096.9	2500	708.9	300	200	0	500
6/16/2018	23	1096.9	2470	708.9	300	200	0	500
6/16/2018	24	1096.9	2480	709.0	300	201	0	500
6/17/2018	1	1096.9	2490	709.2	300	201	0	501
6/17/2018	2	1096.9	2490	709.4	300	201	0	501
6/17/2018	3	1096.9	2490	709.3	300	201	0	501
6/17/2018	4	1096.9	2470	709.4	300	201	0	501
6/17/2018	5	1096.9	2490	709.5	300	201	0	500
6/17/2018	6	1096.9	2510	709.6	300	200	0	500
6/17/2018	7	1096.9	2480	709.6	300	200	0	500
6/17/2018	8	1096.9	2490	709.8	300	200	0	500
6/17/2018	9	1096.9	2510	709.9	300	200	0	500
6/17/2018	10	1096.9	2500	709.8	300	200	0	500
6/17/2018	11	1096.9	2490	709.4	300	200	0	500
6/17/2018	12	1096.9	2490	709.4	300	200	0	500
6/17/2018	13	1096.9	2470	709.2	300	200	0	500
6/17/2018	14	1096.9	2480	709.1	300	200	0	500
6/17/2018	15	1096.9	2490	709.0	300	200	0	500
6/17/2018	16	1097.0	2480	709.1	300	200	0	499
6/17/2018	17	1096.9	2500	709.3	300	199	0	499
6/17/2018	18	1096.9	2510	709.4	300	199	0	499
6/17/2018	19	1096.9	2520	709.7	300	200	0	500

6/17/2018	20	1097.0	2510	709.8	300	200	0	500
6/17/2018	21	1096.9	2500	710.1	300	200	0	500
6/17/2018	22	1096.9	2490	710.3	300	200	0	500
6/17/2018	23	1097.0	2470	710.4	300	200	0	500
6/17/2018	24	1097.0	2470	710.5	300	200	0	501
6/18/2018	1	1097.0	2500	710.4	300	201	0	501
6/18/2018	2	1097.0	2490	710.3	300	201	0	501
6/18/2018	3	1097.0	2490	710.2	300	201	0	501
6/18/2018	4	1097.0	2490	710.1	300	201	0	501
6/18/2018	5	1097.0	2520	709.9	300	201	0	501
6/18/2018	6	1097.0	2500	709.9	300	200	0	501
6/18/2018	7	1097.0	2480	710.0	300	201	0	500
6/18/2018	8	1097.0	2480	710.0	300	200	0	500
6/18/2018	9	1097.0	2500	710.1	300	200	0	500
6/18/2018	10	1097.0	2510	710.5	300	200	0	500
6/18/2018	11	1097.0	2510	710.6	300	200	0	500
6/18/2018	12	1097.0	2500	710.6	300	200	0	500
6/18/2018	13	1097.0	2500	710.5	300	200	0	500
6/18/2018	14	1097.0	2510	710.4	300	200	0	500
6/18/2018	15	1097.0	2490	710.3	300	201	0	501
6/18/2018	16	1097.0	2510	710.2	300	201	0	501
6/18/2018	17	1097.0	2510	710.2	300	201	0	501
6/18/2018	18	1097.0	2510	710.0	300	201	0	501
6/18/2018	19	1097.0	2510	709.8	300	201	0	501
6/18/2018	20	1097.0	2490	709.9	300	201	0	501
6/18/2018	21	1097.0	2490	709.8	300	202	0	502
6/18/2018	22	1097.0	2490	709.8	300	202	0	502
6/18/2018	23	1097.0	2480	710.0	300	202	0	502
6/18/2018	24	1097.0	2500	709.9	300	202	0	502
6/19/2018	1	1097.0	2510	709.9	300	203	0	502
6/19/2018	2	1097.1	2510	709.9	300	203	0	503
6/19/2018	3	1097.1	2510	709.8	300	203	0	503
6/19/2018	4	1097.1	2500	709.7	300	203	0	503
6/19/2018	5	1097.1	2510	709.8	300	203	0	503
6/19/2018	6	1097.1	2510	709.8	300	202	0	502
6/19/2018	7	1097.1	2480	710.0	300	203	0	502
6/19/2018	8	1097.1	2490	709.9	300	202	0	502
6/19/2018	9	1097.1	2500	710.0	300	203	0	502
6/19/2018	10	1097.1	2510	709.9	300	202	0	502
6/19/2018	11	1097.1	2480	709.7	300	192	0	492
6/19/2018	12	1097.1	2500	709.6	300	179	0	480
6/19/2018	13	1097.1	2480	709.6	301	166	0	467
6/19/2018	14	1097.1	2470	709.5	301	154	0	454
6/19/2018	15	1097.1	2470	709.5	300	142	0	442
6/19/2018	16	1097.1	2480	709.4	300	129	0	429
6/19/2018	17	1097.1	2460	709.5	300	116	0	416
6/19/2018	18	1097.1	2480	709.7	300	104	0	404
6/19/2018	19	1097.1	2480	709.9	300	101	0	401
6/19/2018	20	1097.2	2490	710.1	300	101	0	401
6/19/2018	21	1097.2	2500	710.2	300	101	0	401
6/19/2018	22	1097.2	2490	710.2	300	101	0	401
6/19/2018	23	1097.2	2480	710.0	300	101	0	401

6/19/2018	24	1097.2	2480	709.9	300	101	0	401
6/20/2018	1	1097.2	2490	709.8	300	101	0	401
6/20/2018	2	1097.2	2480	709.7	300	102	0	401
6/20/2018	3	1097.3	2460	709.7	300	98	0	398
6/20/2018	4	1097.2	2500	709.8	300	94	0	394
6/20/2018	5	1097.3	2510	709.9	300	90	0	389
6/20/2018	6	1097.3	2500	709.8	300	85	0	385
6/20/2018	7	1097.3	2460	709.7	300	81	0	381
6/20/2018	8	1097.3	2450	709.5	300	77	0	377
6/20/2018	9	1097.3	2470	709.5	300	72	0	372
6/20/2018	10	1097.3	2480	709.6	319	49	0	368
6/20/2018	11	1097.3	2480	709.4	349	24	0	373
6/20/2018	12	1097.3	2500	709.3	353	20	0	373
6/20/2018	13	1097.3	2480	709.2	352	16	0	368
6/20/2018	14	1097.3	2500	709.2	332	58	0	390
6/20/2018	15	1097.3	2500	709.2	320	17	0	337
6/20/2018	16	1097.4	2520	709.2	320	0	0	320
6/20/2018	17	1097.4	2510	709.2	320	0	0	320
6/20/2018	18	1097.4	2510	709.2	320	0	0	320
6/20/2018	19	1097.4	2510	709.2	320	0	0	320
6/20/2018	20	1097.4	2500	709.1	320	0	0	320
6/20/2018	21	1097.4	2500	709.3	320	0	0	320
6/20/2018	22	1097.4	2500	709.3	321	0	0	321
6/20/2018	23	1097.4	2500	709.4	321	0	0	321
6/20/2018	24	1097.4	2500	709.4	320	0	0	320
6/21/2018	1	1097.5	2500	709.2	321	0	0	321
6/21/2018	2	1097.5	2500	709.3	321	0	0	321
6/21/2018	3	1097.5	2500	709.3	321	0	0	321
6/21/2018	4	1097.5	2500	709.3	321	0	0	321
6/21/2018	5	1097.5	2500	709.4	321	0	0	321
6/21/2018	6	1097.5	2510	709.7	321	0	0	321
6/21/2018	7	1097.5	2500	709.6	321	0	0	321
6/21/2018	8	1097.5	2500	709.7	321	0	0	321
6/21/2018	9	1097.5	2500	709.7	321	0	0	321
6/21/2018	10	1097.5	2500	709.6	321	0	0	321
6/21/2018	11	1097.5	2510	709.4	321	0	0	321
6/21/2018	12	1097.5	2510	709.5	320	0	0	320
6/21/2018	13	1097.5	2510	709.5	321	0	0	321
6/21/2018	14	1097.5	2510	709.4	321	0	0	321
6/21/2018	15	1097.6	2500	709.3	321	0	0	321
6/21/2018	16	1097.6	2500	709.3	320	0	0	320
6/21/2018	17	1097.6	2500	709.3	320	0	0	320
6/21/2018	18	1097.6	2500	709.5	320	0	0	320
6/21/2018	19	1097.6	2500	709.7	320	0	0	320
6/21/2018	20	1097.6	2490	709.7	320	0	0	320
6/21/2018	21	1097.6	2490	709.8	320	0	0	320
6/21/2018	22	1097.6	2490	709.9	320	0	0	320
6/21/2018	23	1097.6	2500	710.0	320	0	0	320
6/21/2018	24	1097.7	2490	710.1	320	0	0	320
6/22/2018	1	1097.7	2500	710.1	320	0	0	320
6/22/2018	2	1097.7	2510	710.4	320	0	0	320
6/22/2018	3	1097.7	2510	710.4	320	0	0	320

6/22/2018	4	1097.7	2500	710.3	320	0	0	320
6/22/2018	5	1097.7	2510	710.3	320	0	0	320
6/22/2018	6	1097.8	2510	710.3	320	0	0	320
6/22/2018	7	1097.8	2500	710.2	320	0	0	320
6/22/2018	8	1097.8	2500	710.1	320	0	0	320
6/22/2018	9	1097.8	2510	710.1	320	0	0	320
6/22/2018	10	1097.8	2510	710.1	320	0	0	320
6/22/2018	11	1097.8	2510	709.9	320	0	0	320
6/22/2018	12	1097.8	2500	709.8	320	0	0	320
6/22/2018	13	1097.8	2500	709.5	320	0	0	320
6/22/2018	14	1097.8	2500	709.4	320	0	0	320
6/22/2018	15	1097.8	2490	709.3	320	0	0	320
6/22/2018	16	1097.9	2500	709.2	320	0	0	320
6/22/2018	17	1097.9	2500	709.2	320	0	0	320
6/22/2018	18	1097.9	2510	709.3	320	0	0	320
6/22/2018	19	1097.9	2510	709.6	320	0	0	320
6/22/2018	20	1097.9	2500	709.9	320	0	0	320
6/22/2018	21	1097.9	2500	710.2	320	0	0	320
6/22/2018	22	1097.9	2510	710.4	320	0	0	320
6/22/2018	23	1097.9	2500	709.9	320	0	0	320
6/22/2018	24	1097.9	2500	709.9	320	0	0	320
6/23/2018	1	1097.9	2500	709.8	320	0	0	320
6/23/2018	2	1097.9	2510	709.7	320	0	0	320
6/23/2018	3	1097.9	2500	709.5	320	0	0	320
6/23/2018	4	1097.9	2510	709.5	320	0	0	320
6/23/2018	5	1097.9	2510	709.6	320	0	0	320
6/23/2018	6	1097.9	2510	709.5	320	0	0	320
6/23/2018	7	1097.9	2500	709.6	320	0	0	320
6/23/2018	8	1097.9	2500	709.6	320	0	0	320
6/23/2018	9	1097.9	2510	709.6	320	0	0	320
6/23/2018	10	1097.9	2520	710.0	320	0	0	320
6/23/2018	11	1097.9	2520	710.1	320	0	0	320
6/23/2018	12	1097.9	2510	709.9	320	0	0	320
6/23/2018	13	1097.9	2510	709.5	320	0	0	320
6/23/2018	14	1097.9	2500	709.6	320	0	0	320
6/23/2018	15	1098.0	2510	709.7	320	0	0	320
6/23/2018	16	1098.0	2510	709.7	320	0	0	320
6/23/2018	17	1098.0	2510	709.7	320	0	0	320
6/23/2018	18	1098.0	2510	709.6	320	0	0	320
6/23/2018	19	1098.0	2510	709.8	320	0	0	320
6/23/2018	20	1098.0	2510	709.8	320	0	0	320
6/23/2018	21	1098.0	2510	710.1	320	0	0	320
6/23/2018	22	1098.0	2510	710.4	320	0	0	320
6/23/2018	23	1098.0	2510	710.7	320	0	0	320
6/23/2018	24	1098.0	2510	710.8	320	0	0	320
6/24/2018	1	1098.0	2500	710.5	320	0	0	320
6/24/2018	2	1098.0	2510	710.4	320	0	0	320
6/24/2018	3	1098.0	2510	710.4	320	0	0	320
6/24/2018	4	1098.0	2510	710.6	320	0	0	320
6/24/2018	5	1098.0	2510	710.5	320	0	0	320
6/24/2018	6	1098.0	2520	710.5	320	0	0	320
6/24/2018	7	1098.0	2510	710.4	320	0	0	320

6/24/2018	8	1098.0	2510	710.1	320	0	0	320
6/24/2018	9	1098.0	2510	710.1	320	0	0	320
6/24/2018	10	1098.0	2520	710.0	320	0	0	320
6/24/2018	11	1098.0	2510	710.1	320	0	0	320
6/24/2018	12	1098.0	2510	710.3	320	0	0	320
6/24/2018	13	1098.0	2510	710.3	320	0	0	320
6/24/2018	14	1098.0	2500	710.3	320	0	0	320
6/24/2018	15	1098.0	2500	710.5	320	0	0	320
6/24/2018	16	1098.0	2520	710.7	320	0	0	320
6/24/2018	17	1098.0	2520	710.7	320	0	0	320
6/24/2018	18	1098.0	2510	710.7	320	0	0	320
6/24/2018	19	1098.0	2510	710.8	320	0	0	320
6/24/2018	20	1098.0	2510	710.9	320	0	0	320
6/24/2018	21	1098.0	2500	710.9	320	0	0	320
6/24/2018	22	1098.1	2500	711.0	320	0	0	320
6/24/2018	23	1098.1	2500	711.3	320	0	0	320
6/24/2018	24	1098.1	2510	711.6	320	0	0	320
6/25/2018	1	1098.1	2500	711.6	320	0	0	320
6/25/2018	2	1098.2	2500	711.1	320	0	0	320
6/25/2018	3	1098.3	2500	711.0	320	0	0	320
6/25/2018	4	1098.2	2500	710.9	320	0	0	320
6/25/2018	5	1098.2	2520	710.4	320	0	0	320
6/25/2018	6	1098.2	2510	710.2	320	0	0	320
6/25/2018	7	1098.2	2510	710.1	320	18	0	338
6/25/2018	8	1098.2	2510	709.8	317	78	0	395
6/25/2018	9	1098.2	2510	709.8	13	337	0	351
6/25/2018	10	1098.2	2520	709.9	0	325	0	326
6/25/2018	11	1098.2	2520	710.1	0	325	0	326
6/25/2018	12	1098.2	2520	710.2	0	326	0	326
6/25/2018	13	1098.2	2500	710.1	0	326	0	327
6/25/2018	14	1098.3	2510	710.3	0	327	0	327
6/25/2018	15	1098.3	2510	710.5	0	327	0	327
6/25/2018	16	1098.3	2520	710.7	0	327	0	328
6/25/2018	17	1098.3	2510	710.8	0	331	0	331
6/25/2018	18	1098.3	2520	710.9	0	341	0	342
6/25/2018	19	1098.3	2510	711.1	0	352	0	352
6/25/2018	20	1098.3	2500	711.1	0	363	0	363
6/25/2018	21	1098.3	2510	711.2	0	373	0	374
6/25/2018	22	1098.3	2510	711.2	0	384	0	384
6/25/2018	23	1098.3	2510	711.1	0	394	0	395
6/25/2018	24	1098.3	2520	711.1	0	405	0	405
6/26/2018	1	1098.3	2520	710.9	0	412	0	412
6/26/2018	2	1098.3	2520	710.8	0	412	0	413
6/26/2018	3	1098.3	2520	710.9	0	412	0	412
6/26/2018	4	1098.3	2520	710.9	0	412	0	412
6/26/2018	5	1098.3	2520	711.0	0	412	0	412
6/26/2018	6	1098.3	2520	711.0	0	412	0	412
6/26/2018	7	1098.3	2510	711.1	0	412	0	412
6/26/2018	8	1098.4	2510	711.1	0	412	0	412
6/26/2018	9	1098.4	2520	711.0	0	412	0	412
6/26/2018	10	1098.4	2520	711.0	0	412	0	412
6/26/2018	11	1098.4	2530	711.1	0	412	0	412

6/26/2018	12	1098.4	2520	711.2	0	412	0	412
6/26/2018	13	1098.4	2510	711.6	0	413	0	413
6/26/2018	14	1098.4	2520	711.6	0	413	0	413
6/26/2018	15	1098.4	2520	711.3	0	413	0	413
6/26/2018	16	1098.4	2510	711.0	0	413	0	413
6/26/2018	17	1098.4	2510	710.7	0	413	0	413
6/26/2018	18	1098.4	2500	710.7	0	413	0	413
6/26/2018	19	1098.4	2510	711.0	0	414	0	414
6/26/2018	20	1098.4	2510	711.1	0	414	0	414
6/26/2018	21	1098.4	2510	711.0	0	414	0	414
6/26/2018	22	1098.4	2510	711.0	0	414	0	414
6/26/2018	23	1098.4	2510	710.9	0	415	0	415
6/26/2018	24	1098.4	2510	711.0	0	415	0	415
6/27/2018	1	1098.4	2520	711.6	0	415	0	415
6/27/2018	2	1098.4	2520	711.7	0	415	0	415
6/27/2018	3	1098.4	2510	711.7	0	415	0	415
6/27/2018	4	1098.4	2520	711.6	0	415	0	415
6/27/2018	5	1098.4	300	711.4	0	415	0	415
6/27/2018	6	1098.4	140	711.6	0	414	0	414
6/27/2018	7	1098.4	1920	711.5	0	414	0	414
6/27/2018	8	1098.4	2490	711.1	0	414	0	414
6/27/2018	9	1098.4	2500	710.8	0	405	0	405
6/27/2018	10	1098.4	2490	710.7	0	380	0	380
6/27/2018	11	1098.4	2500	711.0	0	354	0	354
6/27/2018	12	1098.4	2500	711.2	14	301	0	315
6/27/2018	13	1098.4	2490	711.3	328	0	0	328
6/27/2018	14	1098.4	2490	711.3	330	0	0	330
6/27/2018	15	1098.4	2490	711.5	330	0	0	330
6/27/2018	16	1098.4	2490	711.6	330	0	0	330
6/27/2018	17	1098.4	2480	711.7	330	0	0	330
6/27/2018	18	1098.4	2490	711.6	330	0	0	330
6/27/2018	19	1098.4	2490	711.3	330	0	0	330
6/27/2018	20	1098.4	2460	711.1	330	0	0	330
6/27/2018	21	1098.4	2480	711.1	330	0	0	330
6/27/2018	22	1098.4	2480	711.2	330	0	0	330
6/27/2018	23	1098.5	310	711.1	330	0	0	330
6/27/2018	24	1098.5	20	711.4	330	0	0	330
6/28/2018	1	1098.5	20	711.4	330	0	0	330
6/28/2018	2	1098.5	20	711.2	330	0	0	330
6/28/2018	3	1098.5	20	711.0	330	0	0	330
6/28/2018	4	1098.5	20	711.2	330	0	0	330
6/28/2018	5	1098.5	20	711.3	330	0	0	330
6/28/2018	6	1098.5	120	711.2	330	0	0	330
6/28/2018	7	1098.5	1260	711.1	330	0	0	330
6/28/2018	8	1098.5	1250	711.1	330	0	0	330
6/28/2018	9	1098.5	1380	711.1	330	0	0	330
6/28/2018	10	1098.5	2500	711.1	331	0	0	331
6/28/2018	11	1098.5	2500	711.1	331	0	0	331
6/28/2018	12	1098.5	2490	711.2	321	0	0	321
6/28/2018	13	1098.5	2470	711.3	321	0	0	321
6/28/2018	14	1098.5	2480	711.3	321	0	0	321
6/28/2018	15	1098.5	2500	711.3	321	0	0	321

6/28/2018	16	1098.5	2480	711.2	320	0	0	320
6/28/2018	17	1098.5	2490	711.3	320	0	0	320
6/28/2018	18	1098.5	2490	711.5	320	0	0	320
6/28/2018	19	1098.5	2500	711.7	320	0	0	320
6/28/2018	20	1098.5	2500	711.7	320	0	0	320
6/28/2018	21	1098.5	2500	711.2	320	0	0	320
6/28/2018	22	1098.5	2470	710.8	320	0	0	320
6/28/2018	23	1098.5	300	710.5	320	0	0	320
6/28/2018	24	1098.5	20	710.6	320	0	0	320
6/29/2018	1	1098.5	20	710.7	320	0	0	320
6/29/2018	2	1098.5	20	710.7	320	0	0	320
6/29/2018	3	1098.5	20	710.9	320	0	0	320
6/29/2018	4	1098.5	20	711.0	320	0	0	320
6/29/2018	5	1098.5	20	711.1	320	0	0	320
6/29/2018	6	1098.5	240	711.1	320	0	0	320
6/29/2018	7	1098.5	2480	711.2	321	0	0	321
6/29/2018	8	1098.5	2480	710.8	321	0	0	321
6/29/2018	9	1098.5	2510	710.7	320	0	0	320
6/29/2018	10	1098.5	2500	710.8	320	0	0	320
6/29/2018	11	1098.5	2500	710.8	338	0	0	338
6/29/2018	12	1098.5	2490	710.6	333	0	0	333
6/29/2018	13	1098.5	2490	710.7	333	0	0	333
6/29/2018	14	1098.5	2460	710.8	327	0	0	327
6/29/2018	15	1098.5	2460	711.0	325	0	0	325
6/29/2018	16	1098.5	2460	711.0	325	0	0	325
6/29/2018	17	1098.6	2470	711.0	325	0	0	325
6/29/2018	18	1098.6	2470	711.1	325	0	0	325
6/29/2018	19	1098.6	2510	711.2	325	0	0	325
6/29/2018	20	1098.6	2510	711.3	325	0	0	325
6/29/2018	21	1098.6	2490	711.1	325	0	0	325
6/29/2018	22	1098.6	2470	710.8	325	0	0	325
6/29/2018	23	1098.6	140	710.2	325	0	0	325
6/29/2018	24	1098.6	10	710.1	325	0	0	325
6/30/2018	1	1098.6	10	710.0	325	0	0	325
6/30/2018	2	1098.6	10	710.1	325	0	0	325
6/30/2018	3	1098.6	10	710.5	325	0	0	325
6/30/2018	4	1098.6	10	710.6	325	0	0	325
6/30/2018	5	1098.6	10	710.9	325	0	0	325
6/30/2018	6	1098.6	120	711.2	325	0	0	325
6/30/2018	7	1098.6	2450	711.2	325	0	0	325
6/30/2018	8	1098.6	2430	710.8	325	0	0	325
6/30/2018	9	1098.6	2430	710.4	325	0	0	325
6/30/2018	10	1098.6	2460	710.4	325	0	0	325
6/30/2018	11	1098.6	2490	710.3	325	0	0	325
6/30/2018	12	1098.6	2490	710.1	325	0	0	325
6/30/2018	13	1098.6	2460	710.1	325	0	0	325
6/30/2018	14	1098.6	2430	710.1	325	0	0	325
6/30/2018	15	1098.6	2470	710.0	325	0	0	325
6/30/2018	16	1098.6	2480	710.1	325	0	0	325
6/30/2018	17	1098.6	2450	710.1	325	0	0	325
6/30/2018	18	1098.6	2460	710.0	325	0	0	325
6/30/2018	19	1098.6	2470	709.9	325	0	0	325

6/30/2018	20	1098.6	2460	710.0	325	0	0	325
6/30/2018	21	1098.6	2450	710.1	325	0	0	325
6/30/2018	22	1098.6	2470	710.1	325	0	0	325
6/30/2018	23	1098.6	230	709.6	325	0	0	325
6/30/2018	24	1098.6	10	709.8	325	0	0	325

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)
4/1/2018	1085.7	12	707.8	85	0	197	282
4/2/2018	1085.7	10	707.9	85	0	197	282
4/3/2018	1085.8	10	709.3	85	0	201	286
4/4/2018	1085.8	10	707.7	85	0	197	282
4/5/2018	1085.9	10	707.4	173	0	122	294
4/6/2018	1086.0	555	707.9	198	0	76	274
4/7/2018	1086.0	565	707.8	135	0	145	280
4/8/2018	1086.1	148	708.9	135	0	146	281
4/9/2018	1086.2	569	709.4	102	0	176	278
4/10/2018	1086.3	10	707.9	85	0	196	281
4/11/2018	1086.4	580	708.5	85	0	197	282
4/12/2018	1086.5	10	708.9	85	0	197	282
4/13/2018	1086.8	583	708.9	85	0	198	283
4/14/2018	1086.8	568	709.8	85	0	199	284
4/15/2018	1086.9	10	708.7	85	0	197	282
4/16/2018	1087.1	559	709.1	85	0	197	282
4/17/2018	1087.2	43	710.2	85	0	197	282
4/18/2018	1087.3	35	710.5	85	0	199	284
4/19/2018	1087.4	860	710.6	85	0	199	284
4/20/2018	1087.5	874	710.3	85	0	197	282
4/21/2018	1087.6	831	710.4	85	0	196	281
4/22/2018	1087.7	10	710.6	85	0	196	281
4/23/2018	1087.7	1664	710.7	186	0	113	299
4/24/2018	1087.8	1855	710.5	135	0	75	210
4/25/2018	1087.8	2476	710.6	87	0	199	285
4/26/2018	1087.8	2472	710.8	85	0	200	285
4/27/2018	1087.9	2470	711.0	85	0	201	286
4/28/2018	1088.1	2472	711.0	85	0	201	286
4/29/2018	1088.3	2471	711.3	85	0	202	288
4/30/2018	1088.5	2478	711.0	85	0	202	287
5/1/2018	1088.7	2476	711.6	85	0	204	289
5/2/2018	1088.8	2474	711.8	85	0	204	289
5/3/2018	1089.0	2478	711.7	203	0	97	301
5/4/2018	1089.2	2272	711.8	285	0	0	285
5/5/2018	1089.6	2465	712.5	285	0	0	285
5/6/2018	1090.0	2456	711.8	285	0	0	285
5/7/2018	1090.4	2460	712.6	285	0	0	285
5/8/2018	1091.0	2417	712.6	285	0	0	285
5/9/2018	1091.7	2421	712.5	285	0	0	285
5/10/2018	1092.3	2471	712.6	285	0	0	285
5/11/2018	1092.8	2484	713.8	285	0	0	285
5/12/2018	1093.2	2490	714.9	285	0	0	285
5/13/2018	1093.6	2490	715.6	285	0	0	285
5/14/2018	1094.0	2492	715.7	285	0	0	285
5/15/2018	1094.7	2490	715.3	268	670	0	939
5/16/2018	1095.2	2497	715.1	350	6052	0	6402
5/17/2018	1095.5	2469	715.1	400	6724	0	7124
5/18/2018	1095.8	2492	715.2	398	6663	0	7061
5/19/2018	1096.0	2488	715.0	400	6635	0	7035

5/20/2018	1096.1	2486	715.2	400	6711	0	7111
5/21/2018	1096.2	2487	715.1	400	6585	0	6985
5/22/2018	1096.2	2489	715.5	400	6554	0	6954
5/23/2018	1096.3	2485	715.3	400	6594	0	6994
5/24/2018	1096.5	2483	715.0	400	6626	0	7026
5/25/2018	1096.7	2490	714.4	400	6653	0	7053
5/26/2018	1096.9	1856	714.1	400	6672	0	7072
5/27/2018	1096.8	2492	713.9	400	6654	0	7054
5/28/2018	1096.8	2487	713.9	400	6638	0	7038
5/29/2018	1096.8	2490	714.2	400	6126	0	6526
5/30/2018	1096.7	2486	713.0	400	4873	0	5273
5/31/2018	1096.6	2497	712.3	400	3075	0	3475
6/1/2018	1096.6	2510	713.2	400	2603	0	3003
6/2/2018	1096.6	2512	712.7	400	2594	0	2994
6/3/2018	1096.5	2509	712.6	400	1939	0	2339
6/4/2018	1096.6	2510	712.1	400	1615	0	2015
6/5/2018	1096.6	2511	712.1	400	1364	0	1764
6/6/2018	1096.6	2508	712.0	334	1158	0	1492
6/7/2018	1096.6	2483	711.5	295	1205	0	1500
6/8/2018	1096.7	2505	711.4	295	1209	0	1504
6/9/2018	1096.8	2483	711.3	295	948	0	1243
6/10/2018	1096.8	2133	710.8	295	704	0	999
6/11/2018	1096.9	2488	711.0	298	702	0	999
6/12/2018	1096.8	2489	711.0	300	438	0	738
6/13/2018	1096.9	2493	710.9	300	201	0	501
6/14/2018	1096.9	2500	710.6	300	200	0	500
6/15/2018	1096.9	2497	710.7	300	201	0	501
6/16/2018	1096.9	2489	709.7	300	200	0	500
6/17/2018	1096.9	2491	709.6	300	200	0	500
6/18/2018	1097.0	2498	710.1	300	201	0	501
6/19/2018	1097.1	2490	709.8	300	159	0	459
6/20/2018	1097.3	2492	709.4	317	41	0	358
6/21/2018	1097.5	2500	709.5	320	0	0	320
6/22/2018	1097.8	2504	709.9	320	0	0	320
6/23/2018	1097.9	2509	709.8	320	0	0	320
6/24/2018	1098.0	2509	710.6	320	0	0	320
6/25/2018	1098.2	2510	710.6	107	236	0	343
6/26/2018	1098.4	2515	711.0	0	413	0	413
6/27/2018	1098.4	2087	711.3	165	198	0	364
6/28/2018	1098.5	1533	711.2	325	0	0	325
6/29/2018	1098.5	1677	710.9	324	0	0	324
6/30/2018	1098.6	1657	710.3	325	0	0	325