

**From:** [Hopkins, Scott](#)  
**To:** [Ashley Rawhouser](#); [Bill Towey](#); [Bitterman, Deborah](#); [Bob Rose](#); [Breean Zimmerman](#); [Buehn, Scott](#); [Campbell, Rob](#); [Carl Merkle](#); [Clement, Marcie](#); [David Bowen](#); [Emily Johnson](#); [Graham Simon](#); [Hays, Steve](#); [Hugh Anthony](#); [Jim Pacheco](#); [Justin Yeager](#); [Kari Grover Wier](#); [M. Cooney](#); [Mark Peterschmidt](#); [Nick Elwell](#); [Nona Snell](#); [Osborn, Jeff](#); [Paul Willard](#); [Phil Archibald](#); [Richard Uhlhorn](#); [Smith, Michelle](#); [Sokolowski, Rosana](#); [Steve Lewis](#); [Thomas O'Keefe](#); [Tom Ernsberger](#); [Travis Maitland](#); [Underwood, Alene](#); [Von Reis, Charles](#); [Willard, Catherine](#)  
**Subject:** 2017 - Fourth Quarter Chelan River Hourly and Daily Average Flow Data  
**Date:** Friday, January 12, 2018 2:37:55 PM  
**Attachments:** [2017 Hourly Flow Data 4th Quarterly Report.pdf](#)  
[2017 Daily Average Flow Data 4th Quarterly Report.pdf](#)

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PUBLIC UTILITY DISTRICT NO. 1 of CHELAN COUNTY  
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**To:** Chelan River Fishery Forum:  
Washington Department of Ecology  
Washington Department of Fish and Wildlife  
United States Forest Service  
National Park Service  
United States Fish and Wildlife Service  
National Marine Fisheries Service  
CCT (Colville)  
YN (Yakama)  
CTUIR (Umatilla tribe)  
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](mailto:scott.hopkins@chelanpud.org)  
(509)661-4763

**Re:** Lake Chelan Hydroelectric Project No. 637 (Project)  
License Article 405a - 2017 Hourly and Daily Average Flow Data 4th  
Quarterly Report

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Dear Chelan River Fishery Forum and Other Parties:

This email is to provide you, in the attached files, with the written flow information for fourth quarter of 2017, which includes monthly flow information for October - December. 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.

**Scott Hopkins**

**Fisheries Biologist**

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2017 Hourly Flow Data - 4th Quarter

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)
10/1/2017	1097.4	2448	709.0	85	0	0	85
10/2/2017	1097.2	2498	709.1	85	0	0	85
10/3/2017	1097.1	2500	709.0	85	0	0	85
10/4/2017	1097.0	2494	708.7	85	0	0	85
10/5/2017	1096.8	2490	708.8	85	0	1	86
10/6/2017	1096.7	2496	708.9	85	0	0	85
10/7/2017	1096.6	1300	708.1	85	0	0	85
10/8/2017	1096.5	1111	708.0	85	0	0	85
10/9/2017	1096.4	2040	708.9	85	0	0	85
10/10/2017	1096.3	2490	709.1	85	0	1	86
10/11/2017	1096.1	2490	709.0	85	0	0	85
10/12/2017	1096.0	2492	708.9	85	0	24	109
10/13/2017	1095.8	2500	708.9	85	0	131	216
10/14/2017	1095.7	2504	708.8	85	0	202	287
10/15/2017	1095.5	2505	708.8	85	0	202	287
10/16/2017	1095.4	2501	708.7	85	0	201	286
10/17/2017	1095.3	2499	708.8	85	0	200	285
10/18/2017	1095.2	2484	708.7	85	0	201	286
10/19/2017	1095.1	2484	709.0	85	0	202	287
10/20/2017	1095.1	2479	709.0	85	0	201	286
10/21/2017	1095.0	2474	709.1	85	0	202	287
10/22/2017	1095.1	2475	709.0	85	0	202	287
10/23/2017	1095.0	2487	709.3	85	0	203	288
10/24/2017	1094.9	1600	708.5	85	0	201	286
10/25/2017	1094.9	1233	708.0	85	0	199	284
10/26/2017	1094.9	1252	708.4	85	0	200	285
10/27/2017	1094.9	1989	708.9	85	0	201	286
10/28/2017	1094.8	2476	709.1	85	0	202	287
10/29/2017	1094.7	2467	708.7	85	0	202	287
10/30/2017	1094.6	2470	708.8	85	0	201	287
10/31/2017	1094.5	2466	708.9	86	0	202	288
11/1/2017	1094.4	2472	709.1	86	0	202	288
11/2/2017	1094.3	2478	709.0	85	0	201	287
11/3/2017	1094.2	2480	709.3	85	0	204	289
11/4/2017	1094.1	2477	708.9	85	0	203	288
11/5/2017	1094.0	2478	708.9	85	0	202	287
11/6/2017	1093.8	2480	709.3	85	0	203	288
11/7/2017	1093.7	2478	709.0	85	0	202	287
11/8/2017	1093.6	2476	709.0	85	0	202	287
11/9/2017	1093.5	2478	709.5	85	0	203	288
11/10/2017	1093.4	2478	708.9	85	0	202	287
11/11/2017	1093.3	2478	708.9	85	0	202	287
11/12/2017	1093.2	2474	708.8	85	0	201	285
11/13/2017	1093.1	2475	709.2	84	0	201	285
11/14/2017	1093.0	2479	709.4	84	0	202	286
11/15/2017	1092.9	2475	708.9	85	0	201	286
11/16/2017	1092.8	2478	709.0	85	0	201	286
11/17/2017	1092.6	2477	709.0	85	0	201	286
11/18/2017	1092.5	2483	709.0	85	0	202	287

11/19/2017	1092.4	2477	708.9	85	0	201	286
11/20/2017	1092.3	2478	709.0	85	0	202	287
11/21/2017	1092.2	2476	708.9	85	0	202	287
11/22/2017	1092.2	2479	709.0	85	0	201	287
11/23/2017	1092.7	2477	709.1	85	0	201	286
11/24/2017	1093.2	2485	709.0	85	0	200	285
11/25/2017	1093.4	2484	708.7	85	0	201	286
11/26/2017	1093.5	2481	708.8	85	0	200	285
11/27/2017	1093.6	2485	709.3	85	0	201	287
11/28/2017	1093.6	2484	709.1	85	0	201	286
11/29/2017	1093.6	2482	709.5	85	0	203	288
11/30/2017	1093.6	2466	709.1	85	0	201	286
12/1/2017	1093.5	2452	709.4	85	0	74	159
12/2/2017	1093.5	2440	709.2	85	0	0	85
12/3/2017	1093.5	2440	709.3	85	0	0	85
12/4/2017	1093.4	2448	709.4	85	0	0	85
12/5/2017	1093.3	2439	709.3	85	0	0	85
12/6/2017	1093.3	2448	709.1	85	0	0	85
12/7/2017	1093.2	2442	708.9	85	0	0	85
12/8/2017	1093.1	2439	709.2	85	0	0	85
12/9/2017	1093.0	2441	709.3	85	0	0	85
12/10/2017	1093.0	2442	709.3	85	0	0	85
12/11/2017	1092.9	2441	709.1	85	0	0	85
12/12/2017	1092.8	2435	709.1	85	0	0	85
12/13/2017	1092.7	2329	708.9	85	0	0	85
12/14/2017	1092.6	2366	708.9	85	0	0	85
12/15/2017	1092.5	2490	709.1	84	0	0	84
12/16/2017	1092.4	2492	709.6	84	0	0	84
12/17/2017	1092.3	2471	708.9	84	0	0	84
12/18/2017	1092.2	2474	709.1	84	0	0	84
12/19/2017	1092.2	2473	708.9	84	0	0	84
12/20/2017	1092.1	2471	709.2	85	0	0	85
12/21/2017	1092.0	2470	709.1	85	0	0	85
12/22/2017	1091.9	2485	709.4	85	0	0	85
12/23/2017	1091.8	2494	709.5	85	0	0	85
12/24/2017	1091.7	2492	709.0	85	0	0	85
12/25/2017	1091.6	2492	709.2	85	0	0	85
12/26/2017	1091.5	2495	709.1	85	0	0	85
12/27/2017	1091.4	2490	709.0	85	0	0	85
12/28/2017	1091.3	2488	709.0	85	0	0	85
12/29/2017	1091.2	2485	708.9	85	0	0	85
12/30/2017	1091.2	2488	709.0	85	0	0	85
12/31/2017	1091.0	2489	709.0	85	0	0	85

## 2017 Daily Average Flow Data - 4th Quarter

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)
10/1/2017	1	1097.5	1290	708.0	85	0	0	85
10/1/2017	2	1097.5	2480	708.8	85	0	0	85
10/1/2017	3	1097.5	2500	708.8	85	0	0	85
10/1/2017	4	1097.5	2470	708.8	85	0	0	85
10/1/2017	5	1097.5	2490	708.9	85	0	0	85
10/1/2017	6	1097.5	2510	708.9	85	0	0	85
10/1/2017	7	1097.5	2510	709.0	85	0	0	85
10/1/2017	8	1097.5	2510	709.1	85	0	0	85
10/1/2017	9	1097.5	2500	709.0	85	0	0	85
10/1/2017	10	1097.5	2480	709.0	85	0	0	85
10/1/2017	11	1097.4	2510	709.0	85	0	0	85
10/1/2017	12	1097.4	2510	709.0	85	0	0	85
10/1/2017	13	1097.4	2490	709.1	85	0	0	85
10/1/2017	14	1097.5	2470	709.2	85	0	0	85
10/1/2017	15	1097.4	2500	709.2	85	0	0	85
10/1/2017	16	1097.4	2510	709.3	85	0	0	85
10/1/2017	17	1097.4	2540	709.2	85	0	0	85
10/1/2017	18	1097.4	2530	709.5	85	0	0	85
10/1/2017	19	1097.4	2510	709.3	85	0	0	85
10/1/2017	20	1097.4	2510	709.3	85	0	0	85
10/1/2017	21	1097.4	2490	709.4	85	0	0	85
10/1/2017	22	1097.4	2480	709.3	85	0	0	85
10/1/2017	23	1097.4	2480	709.1	85	0	0	85
10/1/2017	24	1097.4	2480	708.9	85	0	0	85
10/2/2017	1	1097.4	2520	708.9	85	0	0	85
10/2/2017	2	1097.3	2470	708.9	85	0	0	85
10/2/2017	3	1097.3	2520	708.9	85	0	0	85
10/2/2017	4	1097.3	2510	709.1	85	0	0	85
10/2/2017	5	1097.3	2520	709.2	85	0	0	85
10/2/2017	6	1097.3	2530	709.1	85	0	0	85
10/2/2017	7	1097.3	2520	709.2	85	0	0	85
10/2/2017	8	1097.3	2510	709.1	85	0	0	85
10/2/2017	9	1097.3	2450	709.1	85	0	0	85
10/2/2017	10	1097.3	2490	709.3	85	0	0	85
10/2/2017	11	1097.3	2490	709.4	85	0	0	85
10/2/2017	12	1097.3	2530	709.4	85	0	0	85
10/2/2017	13	1097.3	2520	709.4	85	0	0	85
10/2/2017	14	1097.3	2500	709.2	85	0	0	85
10/2/2017	15	1097.2	2500	709.1	85	0	0	85
10/2/2017	16	1097.2	2510	709.0	85	0	0	85
10/2/2017	17	1097.2	2510	709.0	85	0	0	85
10/2/2017	18	1097.2	2490	709.2	85	0	0	85
10/2/2017	19	1097.2	2510	709.1	85	0	0	85
10/2/2017	20	1097.2	2480	709.1	85	0	0	85
10/2/2017	21	1097.2	2460	709.1	85	0	0	85
10/2/2017	22	1097.2	2460	708.9	85	0	0	85
10/2/2017	23	1097.2	2470	708.9	85	0	0	85

10/2/2017	24	1097.2	2480	708.9	85	0	0	85
10/3/2017	1	1097.2	2510	709.0	85	0	0	85
10/3/2017	2	1097.1	2530	709.1	85	0	0	85
10/3/2017	3	1097.1	2510	709.1	85	0	0	85
10/3/2017	4	1097.2	2490	709.2	85	0	0	85
10/3/2017	5	1097.1	2520	709.1	85	0	0	85
10/3/2017	6	1097.1	2510	709.2	85	0	0	85
10/3/2017	7	1097.1	2530	709.4	85	0	0	85
10/3/2017	8	1097.1	2490	709.3	85	0	0	85
10/3/2017	9	1097.1	2460	709.1	85	0	0	85
10/3/2017	10	1097.1	2480	709.0	85	0	0	85
10/3/2017	11	1097.1	2480	709.0	85	0	0	85
10/3/2017	12	1097.1	2510	709.2	85	0	0	85
10/3/2017	13	1097.1	2520	709.1	85	0	0	85
10/3/2017	14	1097.1	2510	709.0	85	0	0	85
10/3/2017	15	1097.1	2500	708.9	85	0	0	85
10/3/2017	16	1097.1	2500	708.9	85	0	0	85
10/3/2017	17	1097.1	2530	708.9	85	0	0	85
10/3/2017	18	1097.1	2520	708.8	85	0	0	85
10/3/2017	19	1097.1	2520	708.8	85	0	0	85
10/3/2017	20	1097.1	2480	708.7	85	0	0	85
10/3/2017	21	1097.1	2480	708.7	85	0	0	85
10/3/2017	22	1097.1	2460	708.7	85	0	0	85
10/3/2017	23	1097.1	2490	708.7	85	0	0	85
10/3/2017	24	1097.0	2470	708.7	85	0	0	85
10/4/2017	1	1097.0	2480	708.7	85	0	0	85
10/4/2017	2	1097.0	2490	708.7	85	0	0	85
10/4/2017	3	1097.0	2510	708.7	85	0	0	85
10/4/2017	4	1097.0	2510	708.8	85	0	0	85
10/4/2017	5	1097.0	2510	708.8	85	0	0	85
10/4/2017	6	1097.0	2530	708.9	85	0	0	85
10/4/2017	7	1097.0	2510	708.8	85	0	0	85
10/4/2017	8	1097.0	2490	708.9	85	0	0	85
10/4/2017	9	1097.0	2460	708.8	85	0	0	85
10/4/2017	10	1097.0	2470	708.7	85	0	0	85
10/4/2017	11	1097.0	2510	708.7	85	0	0	85
10/4/2017	12	1097.0	2510	708.8	85	0	0	85
10/4/2017	13	1097.0	2520	708.8	85	0	0	85
10/4/2017	14	1097.0	2520	708.8	85	0	0	85
10/4/2017	15	1097.0	2490	708.8	85	0	0	85
10/4/2017	16	1097.0	2510	708.8	85	0	0	85
10/4/2017	17	1096.9	2490	708.7	85	0	0	85
10/4/2017	18	1096.9	2490	708.7	85	0	0	85
10/4/2017	19	1097.0	2470	708.7	85	0	0	85
10/4/2017	20	1096.9	2470	708.7	85	0	0	85
10/4/2017	21	1096.9	2450	708.7	85	0	0	85
10/4/2017	22	1096.9	2490	708.7	85	0	0	85
10/4/2017	23	1096.9	2480	708.7	85	0	0	85
10/4/2017	24	1096.9	2490	708.7	85	0	0	85
10/5/2017	1	1096.9	2490	708.7	85	0	0	85
10/5/2017	2	1096.9	2510	708.7	85	0	0	85
10/5/2017	3	1096.9	2510	708.7	85	0	0	85

10/5/2017	4	1096.9	2500	708.7	85	0	0	85
10/5/2017	5	1096.9	2510	708.7	85	0	0	85
10/5/2017	6	1096.9	2500	708.7	85	0	0	85
10/5/2017	7	1096.9	2490	708.7	85	0	0	85
10/5/2017	8	1096.9	2450	708.7	85	0	0	85
10/5/2017	9	1096.9	2450	708.7	85	0	0	85
10/5/2017	10	1096.9	2480	708.7	85	0	12	98
10/5/2017	11	1096.9	2480	708.7	85	0	0	85
10/5/2017	12	1096.8	2490	708.7	85	0	0	85
10/5/2017	13	1096.8	2510	708.8	85	0	0	85
10/5/2017	14	1096.8	2500	708.8	85	0	0	85
10/5/2017	15	1096.8	2490	708.9	85	0	0	85
10/5/2017	16	1096.8	2490	708.9	85	0	0	85
10/5/2017	17	1096.8	2500	708.8	85	0	0	85
10/5/2017	18	1096.8	2490	708.8	85	0	0	85
10/5/2017	19	1096.8	2460	708.8	85	0	0	85
10/5/2017	20	1096.8	2480	708.8	85	0	0	85
10/5/2017	21	1096.8	2490	708.8	85	0	0	85
10/5/2017	22	1096.8	2460	708.7	85	0	0	85
10/5/2017	23	1096.8	2510	708.8	85	0	0	85
10/5/2017	24	1096.8	2510	708.7	85	0	0	85
10/6/2017	1	1096.8	2490	708.8	85	0	0	85
10/6/2017	2	1096.8	2500	708.8	85	0	0	85
10/6/2017	3	1096.7	2490	708.8	85	0	0	85
10/6/2017	4	1096.7	2490	708.8	85	0	0	85
10/6/2017	5	1096.7	2500	708.8	85	0	0	85
10/6/2017	6	1096.7	2510	708.9	85	0	0	85
10/6/2017	7	1096.7	2510	708.9	85	0	0	85
10/6/2017	8	1096.7	2470	709.2	85	0	0	85
10/6/2017	9	1096.7	2440	709.0	85	0	0	85
10/6/2017	10	1096.7	2480	709.1	85	0	0	85
10/6/2017	11	1096.7	2490	709.1	85	0	0	85
10/6/2017	12	1096.7	2480	709.0	85	0	0	85
10/6/2017	13	1096.7	2510	709.0	85	0	0	85
10/6/2017	14	1096.7	2540	709.1	85	0	0	85
10/6/2017	15	1096.7	2520	709.1	85	0	0	85
10/6/2017	16	1096.7	2530	709.1	85	0	0	85
10/6/2017	17	1096.6	2520	708.9	85	0	0	85
10/6/2017	18	1096.7	2530	708.9	85	0	0	85
10/6/2017	19	1096.7	2490	708.9	85	0	0	85
10/6/2017	20	1096.7	2490	708.9	85	0	0	85
10/6/2017	21	1096.6	2480	708.8	85	0	0	85
10/6/2017	22	1096.6	2490	708.8	85	0	0	85
10/6/2017	23	1096.6	2480	708.7	85	0	0	85
10/6/2017	24	1096.6	2470	708.7	85	0	0	85
10/7/2017	1	1096.6	2490	708.7	85	0	0	85
10/7/2017	2	1096.6	2500	708.8	85	0	0	85
10/7/2017	3	1096.6	2470	708.7	85	0	0	85
10/7/2017	4	1096.6	1590	708.1	85	0	0	85
10/7/2017	5	1096.6	1120	707.8	85	0	0	85
10/7/2017	6	1096.6	1110	707.7	85	0	0	85
10/7/2017	7	1096.6	1110	707.7	85	0	0	85

10/7/2017	8	1096.6	1100	707.7	85	0	0	85
10/7/2017	9	1096.6	1100	707.7	85	0	0	85
10/7/2017	10	1096.6	1100	707.8	85	0	0	85
10/7/2017	11	1096.6	1110	707.8	85	0	0	85
10/7/2017	12	1096.6	1110	707.7	85	0	0	85
10/7/2017	13	1096.6	1110	707.9	85	0	0	85
10/7/2017	14	1096.6	1100	707.8	85	0	0	85
10/7/2017	15	1096.6	1110	708.0	85	0	0	85
10/7/2017	16	1096.6	1110	708.2	85	0	0	85
10/7/2017	17	1096.6	1110	708.2	85	0	0	85
10/7/2017	18	1096.6	1110	708.4	85	0	0	85
10/7/2017	19	1096.6	1100	708.5	85	0	0	85
10/7/2017	20	1096.6	1100	708.9	85	0	0	85
10/7/2017	21	1096.6	1110	708.3	85	0	0	85
10/7/2017	22	1096.6	1110	708.1	85	0	0	85
10/7/2017	23	1096.6	1110	707.9	85	0	0	85
10/7/2017	24	1096.6	1110	707.8	85	0	0	85
10/8/2017	1	1096.6	1120	707.8	85	0	0	85
10/8/2017	2	1096.6	1110	708.0	85	0	0	85
10/8/2017	3	1096.6	1120	707.9	85	0	0	85
10/8/2017	4	1096.5	1120	708.0	85	0	0	85
10/8/2017	5	1096.5	1130	707.9	85	0	0	85
10/8/2017	6	1096.5	1130	708.1	85	0	0	85
10/8/2017	7	1096.5	1110	707.8	85	0	0	85
10/8/2017	8	1096.5	1100	707.8	85	0	0	85
10/8/2017	9	1096.5	1100	707.9	85	0	0	85
10/8/2017	10	1096.5	1100	708.2	85	0	0	85
10/8/2017	11	1096.5	1100	707.9	85	0	0	85
10/8/2017	12	1096.5	1110	708.0	85	0	0	85
10/8/2017	13	1096.5	1110	708.0	85	0	0	85
10/8/2017	14	1096.5	1100	707.9	85	0	0	85
10/8/2017	15	1096.5	1110	707.9	85	0	0	85
10/8/2017	16	1096.5	1110	708.0	85	0	0	85
10/8/2017	17	1096.5	1120	708.1	85	0	0	85
10/8/2017	18	1096.5	1110	708.1	85	0	0	85
10/8/2017	19	1096.5	1110	708.3	85	0	0	85
10/8/2017	20	1096.5	1100	708.5	85	0	0	85
10/8/2017	21	1096.5	1110	708.5	85	0	0	85
10/8/2017	22	1096.5	1110	708.1	85	0	0	85
10/8/2017	23	1096.5	1110	708.1	85	0	0	85
10/8/2017	24	1096.5	1110	707.9	85	0	0	85
10/9/2017	1	1096.5	1110	707.9	85	0	0	85
10/9/2017	2	1096.5	1110	708.2	85	0	0	85
10/9/2017	3	1096.5	1110	707.9	85	0	0	85
10/9/2017	4	1096.5	1110	707.8	85	0	0	85
10/9/2017	5	1096.5	1120	708.0	85	0	0	85
10/9/2017	6	1096.5	1110	708.1	85	0	0	85
10/9/2017	7	1096.4	1110	708.2	85	0	0	85
10/9/2017	8	1096.4	1170	708.3	85	0	0	85
10/9/2017	9	1096.4	2470	709.0	85	0	0	85
10/9/2017	10	1096.4	2500	709.1	85	0	0	85
10/9/2017	11	1096.4	2490	709.2	85	0	0	85



10/9/2017	12	1096.4	2500	709.3	85	0	0	85
10/9/2017	13	1096.4	2510	709.6	85	0	0	85
10/9/2017	14	1096.4	2510	709.7	85	0	0	85
10/9/2017	15	1096.4	2520	709.5	85	0	0	85
10/9/2017	16	1096.4	2500	709.5	85	0	0	85
10/9/2017	17	1096.4	2500	709.4	85	0	0	85
10/9/2017	18	1096.4	2530	709.3	85	0	0	85
10/9/2017	19	1096.4	2520	709.5	85	0	0	85
10/9/2017	20	1096.4	2490	709.5	85	0	0	85
10/9/2017	21	1096.4	2490	709.6	85	0	0	85
10/9/2017	22	1096.4	2500	709.3	85	0	0	85
10/9/2017	23	1096.4	2500	709.1	85	0	0	85
10/9/2017	24	1096.4	2480	709.1	85	0	0	85
10/10/2017	1	1096.4	2490	708.9	85	0	0	85
10/10/2017	2	1096.3	2490	708.9	85	0	0	85
10/10/2017	3	1096.3	2510	709.0	85	0	0	85
10/10/2017	4	1096.3	2500	709.0	85	0	0	85
10/10/2017	5	1096.3	2510	709.0	85	0	0	85
10/10/2017	6	1096.3	2530	709.1	85	0	0	85
10/10/2017	7	1096.3	2520	709.3	85	0	0	85
10/10/2017	8	1096.3	2480	709.4	85	0	0	85
10/10/2017	9	1096.3	2460	709.2	85	0	0	85
10/10/2017	10	1096.3	2480	709.1	85	0	0	85
10/10/2017	11	1096.3	2490	709.0	85	0	0	85
10/10/2017	12	1096.3	2510	709.0	85	0	0	85
10/10/2017	13	1096.3	2490	709.1	85	0	25	110
10/10/2017	14	1096.3	2490	709.2	85	0	0	85
10/10/2017	15	1096.3	2510	709.1	85	0	0	85
10/10/2017	16	1096.3	2480	708.9	85	0	0	85
10/10/2017	17	1096.3	2510	709.0	85	0	0	85
10/10/2017	18	1096.3	2500	709.1	85	0	0	85
10/10/2017	19	1096.3	2470	709.2	85	0	0	85
10/10/2017	20	1096.3	2460	709.4	85	0	0	85
10/10/2017	21	1096.3	2470	709.3	85	0	0	85
10/10/2017	22	1096.3	2460	709.0	85	0	0	85
10/10/2017	23	1096.3	2480	709.0	85	0	0	85
10/10/2017	24	1096.3	2460	709.0	85	0	0	85
10/11/2017	1	1096.3	2510	709.2	85	0	0	85
10/11/2017	2	1096.3	2500	709.0	85	0	0	85
10/11/2017	3	1096.2	2500	708.9	85	0	0	85
10/11/2017	4	1096.2	2500	708.9	85	0	0	85
10/11/2017	5	1096.2	2500	708.9	85	0	0	85
10/11/2017	6	1096.2	2500	708.9	85	0	0	85
10/11/2017	7	1096.2	2510	709.1	85	0	0	85
10/11/2017	8	1096.2	2470	709.3	85	0	0	85
10/11/2017	9	1096.2	2470	709.0	85	0	0	85
10/11/2017	10	1096.1	2460	709.0	85	0	0	85
10/11/2017	11	1096.1	2480	709.0	85	0	0	85
10/11/2017	12	1096.1	2490	708.9	85	0	0	85
10/11/2017	13	1096.1	2490	709.0	85	0	0	85
10/11/2017	14	1096.1	2520	709.1	85	0	0	85
10/11/2017	15	1096.1	2510	709.1	85	0	0	85

10/11/2017	16	1096.1	2480	709.2	85	0	0	85
10/11/2017	17	1096.1	2500	709.1	85	0	0	85
10/11/2017	18	1096.1	2480	709.1	85	0	0	85
10/11/2017	19	1096.1	2500	709.2	85	0	0	85
10/11/2017	20	1096.1	2470	709.2	85	0	0	85
10/11/2017	21	1096.1	2490	709.0	85	0	0	85
10/11/2017	22	1096.1	2460	708.8	85	0	0	85
10/11/2017	23	1096.1	2480	708.8	85	0	0	85
10/11/2017	24	1096.1	2490	708.7	85	0	0	85
10/12/2017	1	1096.0	2460	708.7	85	0	0	85
10/12/2017	2	1096.0	2500	708.8	85	0	0	85
10/12/2017	3	1096.0	2510	708.7	85	0	0	85
10/12/2017	4	1096.0	2490	708.7	85	0	0	85
10/12/2017	5	1096.0	2500	708.8	85	0	0	85
10/12/2017	6	1096.0	2500	708.8	85	0	0	85
10/12/2017	7	1096.0	2500	708.9	85	0	0	85
10/12/2017	8	1096.0	2490	709.0	85	0	0	85
10/12/2017	9	1096.0	2470	708.9	85	0	118	203
10/12/2017	10	1096.0	2490	708.7	85	0	112	197
10/12/2017	11	1096.0	2500	708.9	85	0	115	200
10/12/2017	12	1096.0	2510	709.0	85	0	79	164
10/12/2017	13	1095.9	2490	708.9	85	0	57	142
10/12/2017	14	1095.9	2490	708.9	85	0	69	154
10/12/2017	15	1096.0	2510	708.9	85	0	32	117
10/12/2017	16	1095.9	2520	708.9	85	0	0	85
10/12/2017	17	1095.9	2520	709.0	85	0	0	85
10/12/2017	18	1095.9	2500	709.1	85	0	0	85
10/12/2017	19	1095.9	2500	709.0	85	0	0	85
10/12/2017	20	1095.9	2480	708.9	85	0	0	85
10/12/2017	21	1095.9	2470	708.9	85	0	0	85
10/12/2017	22	1095.9	2470	708.8	85	0	0	85
10/12/2017	23	1095.9	2460	708.8	85	0	0	85
10/12/2017	24	1095.9	2470	708.8	85	0	0	85
10/13/2017	1	1095.9	2470	708.8	85	0	0	85
10/13/2017	2	1095.9	2460	708.8	85	0	0	85
10/13/2017	3	1095.9	2480	708.8	85	0	0	85
10/13/2017	4	1095.9	2510	708.8	85	0	0	85
10/13/2017	5	1095.9	2510	708.8	85	0	0	85
10/13/2017	6	1095.9	2520	708.8	85	0	0	85
10/13/2017	7	1095.9	2500	708.9	85	0	0	85
10/13/2017	8	1095.8	2500	708.9	85	0	0	85
10/13/2017	9	1095.9	2490	708.9	85	0	213	298
10/13/2017	10	1095.8	2480	708.9	85	0	212	297
10/13/2017	11	1095.8	2490	709.1	85	0	217	302
10/13/2017	12	1095.8	2510	709.2	85	0	179	264
10/13/2017	13	1095.8	2500	709.0	85	0	163	248
10/13/2017	14	1095.8	2510	709.1	85	0	165	250
10/13/2017	15	1095.8	2510	709.1	85	0	174	259
10/13/2017	16	1095.8	2500	708.9	85	0	202	287
10/13/2017	17	1095.8	2520	708.8	85	0	201	286
10/13/2017	18	1095.8	2510	709.1	85	0	202	287
10/13/2017	19	1095.8	2510	709.2	85	0	203	288

10/13/2017	20	1095.8	2510	709.1	85	0	202	287
10/13/2017	21	1095.8	2520	709.1	85	0	202	287
10/13/2017	22	1095.8	2500	708.9	85	0	201	286
10/13/2017	23	1095.8	2490	708.8	85	0	202	287
10/13/2017	24	1095.8	2500	708.8	85	0	202	287
10/14/2017	1	1095.8	2490	708.8	85	0	201	286
10/14/2017	2	1095.8	2500	708.8	85	0	201	287
10/14/2017	3	1095.8	2490	708.8	85	0	201	286
10/14/2017	4	1095.8	2500	708.8	85	0	201	286
10/14/2017	5	1095.8	2510	708.8	85	0	201	286
10/14/2017	6	1095.8	2510	708.8	85	0	202	287
10/14/2017	7	1095.7	2510	708.8	85	0	201	286
10/14/2017	8	1095.7	2500	708.8	85	0	201	286
10/14/2017	9	1095.7	2480	708.7	85	0	202	287
10/14/2017	10	1095.7	2490	708.8	85	0	202	287
10/14/2017	11	1095.7	2500	708.8	85	0	202	287
10/14/2017	12	1095.7	2520	708.7	85	0	202	287
10/14/2017	13	1095.7	2510	708.8	85	0	201	286
10/14/2017	14	1095.7	2500	708.8	85	0	202	287
10/14/2017	15	1095.7	2510	708.8	85	0	202	287
10/14/2017	16	1095.6	2520	708.8	85	0	202	287
10/14/2017	17	1095.6	2530	708.7	85	0	202	287
10/14/2017	18	1095.6	2520	708.7	85	0	202	287
10/14/2017	19	1095.7	2510	708.7	85	0	202	287
10/14/2017	20	1095.6	2500	708.9	85	0	202	287
10/14/2017	21	1095.6	2500	708.8	85	0	201	287
10/14/2017	22	1095.6	2500	708.7	85	0	202	287
10/14/2017	23	1095.6	2500	708.7	85	0	202	287
10/14/2017	24	1095.6	2500	708.7	85	0	202	287
10/15/2017	1	1095.6	2500	708.7	85	0	202	287
10/15/2017	2	1095.6	2500	708.7	85	0	201	287
10/15/2017	3	1095.6	2500	708.6	85	0	201	286
10/15/2017	4	1095.6	2510	708.7	85	0	202	287
10/15/2017	5	1095.6	2510	708.7	85	0	202	287
10/15/2017	6	1095.6	2520	708.7	85	0	201	286
10/15/2017	7	1095.6	2510	708.7	85	0	202	286
10/15/2017	8	1095.6	2500	708.7	85	0	202	287
10/15/2017	9	1095.5	2500	708.7	85	0	202	287
10/15/2017	10	1095.5	2500	708.7	85	0	202	287
10/15/2017	11	1095.5	2500	708.8	85	0	202	287
10/15/2017	12	1095.5	2520	708.7	85	0	202	287
10/15/2017	13	1095.5	2510	708.8	85	0	203	288
10/15/2017	14	1095.5	2510	708.9	85	0	203	288
10/15/2017	15	1095.5	2520	708.9	85	0	202	287
10/15/2017	16	1095.5	2520	709.0	85	0	202	287
10/15/2017	17	1095.5	2530	709.2	85	0	202	287
10/15/2017	18	1095.5	2510	709.2	85	0	203	288
10/15/2017	19	1095.5	2510	709.2	85	0	202	287
10/15/2017	20	1095.5	2490	709.2	85	0	202	287
10/15/2017	21	1095.5	2490	709.1	85	0	202	287
10/15/2017	22	1095.5	2480	708.8	85	0	202	287
10/15/2017	23	1095.5	2490	708.8	85	0	202	287

10/15/2017	24	1095.5	2500	708.8	85	0	201	286
10/16/2017	1	1095.5	2510	708.7	85	0	201	286
10/16/2017	2	1095.4	2510	708.7	85	0	201	286
10/16/2017	3	1095.4	2510	708.7	85	0	201	286
10/16/2017	4	1095.4	2510	708.7	85	0	201	286
10/16/2017	5	1095.4	2520	708.7	85	0	201	286
10/16/2017	6	1095.4	2520	708.7	85	0	201	287
10/16/2017	7	1095.4	2510	708.7	85	0	201	286
10/16/2017	8	1095.4	2490	708.8	85	0	201	286
10/16/2017	9	1095.4	2480	708.7	85	0	201	286
10/16/2017	10	1095.4	2490	708.7	85	0	202	287
10/16/2017	11	1095.4	2490	708.7	85	0	202	287
10/16/2017	12	1095.4	2490	708.7	85	0	202	287
10/16/2017	13	1095.4	2510	708.7	85	0	202	287
10/16/2017	14	1095.4	2520	708.7	85	0	201	286
10/16/2017	15	1095.4	2500	708.7	85	0	201	286
10/16/2017	16	1095.4	2520	708.7	85	0	201	286
10/16/2017	17	1095.4	2520	708.7	85	0	201	286
10/16/2017	18	1095.4	2500	708.7	85	0	201	286
10/16/2017	19	1095.4	2490	708.7	85	0	201	286
10/16/2017	20	1095.4	2480	708.8	85	0	201	286
10/16/2017	21	1095.4	2490	708.7	85	0	201	286
10/16/2017	22	1095.4	2480	708.6	85	0	201	286
10/16/2017	23	1095.4	2480	708.6	85	0	201	286
10/16/2017	24	1095.3	2500	708.6	85	0	201	286
10/17/2017	1	1095.3	2490	708.6	85	0	200	285
10/17/2017	2	1095.3	2510	708.7	85	0	199	284
10/17/2017	3	1095.3	2500	708.6	85	0	200	285
10/17/2017	4	1095.3	2510	708.6	85	0	199	284
10/17/2017	5	1095.3	2510	708.7	85	0	199	284
10/17/2017	6	1095.3	2510	708.7	85	0	200	285
10/17/2017	7	1095.3	2500	708.7	85	0	199	284
10/17/2017	8	1095.3	2480	708.7	85	0	200	285
10/17/2017	9	1095.3	2470	708.7	85	0	200	285
10/17/2017	10	1095.3	2500	708.7	85	0	201	286
10/17/2017	11	1095.3	2500	708.7	85	0	200	285
10/17/2017	12	1095.3	2500	708.8	85	0	201	286
10/17/2017	13	1095.4	2520	708.9	85	0	200	285
10/17/2017	14	1095.4	2500	708.9	85	0	199	284
10/17/2017	15	1095.3	2490	708.8	85	0	199	284
10/17/2017	16	1095.3	2500	709.0	85	0	200	285
10/17/2017	17	1095.3	2510	709.2	85	0	202	287
10/17/2017	18	1095.3	2510	709.0	85	0	202	287
10/17/2017	19	1095.3	2500	709.1	85	0	202	287
10/17/2017	20	1095.3	2500	709.0	85	0	201	286
10/17/2017	21	1095.3	2490	708.8	85	0	200	285
10/17/2017	22	1095.2	2490	708.7	85	0	201	286
10/17/2017	23	1095.2	2490	708.6	85	0	200	285
10/17/2017	24	1095.3	2490	708.6	85	0	201	286
10/18/2017	1	1095.2	2500	708.7	85	0	201	286
10/18/2017	2	1095.2	2490	708.6	85	0	201	286
10/18/2017	3	1095.2	2500	708.7	85	0	201	286

10/18/2017	4	1095.2	2510	708.7	85	0	202	287
10/18/2017	5	1095.2	2520	708.7	85	0	202	287
10/18/2017	6	1095.2	2520	708.7	85	0	201	286
10/18/2017	7	1095.2	2510	708.7	85	0	202	287
10/18/2017	8	1095.2	2500	708.7	85	0	202	287
10/18/2017	9	1095.2	2500	708.7	85	0	201	286
10/18/2017	10	1095.2	2480	708.7	85	0	201	286
10/18/2017	11	1095.2	2500	708.7	85	0	201	286
10/18/2017	12	1095.1	2500	708.7	85	0	201	286
10/18/2017	13	1095.2	2490	708.7	85	0	201	286
10/18/2017	14	1095.2	2470	708.7	85	0	201	286
10/18/2017	15	1095.1	2480	708.7	85	0	201	286
10/18/2017	16	1095.1	2480	708.8	85	0	201	286
10/18/2017	17	1095.1	2490	708.7	85	0	201	286
10/18/2017	18	1095.1	2440	708.8	85	0	202	287
10/18/2017	19	1095.1	2460	708.7	85	0	201	286
10/18/2017	20	1095.2	2440	708.7	85	0	202	287
10/18/2017	21	1095.2	2460	708.7	85	0	201	286
10/18/2017	22	1095.2	2460	708.7	85	0	202	287
10/18/2017	23	1095.1	2460	708.6	85	0	202	287
10/18/2017	24	1095.1	2460	708.7	85	0	202	287
10/19/2017	1	1095.1	2470	708.8	85	0	202	287
10/19/2017	2	1095.2	2470	708.7	85	0	201	286
10/19/2017	3	1095.1	2480	708.7	85	0	201	287
10/19/2017	4	1095.2	2510	708.8	85	0	201	286
10/19/2017	5	1095.1	2490	708.8	85	0	201	286
10/19/2017	6	1095.2	2520	708.8	85	0	201	286
10/19/2017	7	1095.1	2520	709.0	85	0	201	286
10/19/2017	8	1095.1	2480	709.1	85	0	203	288
10/19/2017	9	1095.2	2450	708.9	85	0	202	287
10/19/2017	10	1095.2	2470	708.9	85	0	201	287
10/19/2017	11	1095.1	2490	709.2	85	0	202	287
10/19/2017	12	1095.2	2500	709.1	85	0	202	287
10/19/2017	13	1095.2	2470	709.3	85	0	203	288
10/19/2017	14	1095.1	2480	709.1	85	0	203	288
10/19/2017	15	1095.1	2490	709.2	85	0	202	287
10/19/2017	16	1095.2	2500	709.2	85	0	202	287
10/19/2017	17	1095.2	2520	709.2	85	0	202	287
10/19/2017	18	1095.1	2510	709.3	85	0	203	288
10/19/2017	19	1095.2	2470	709.4	85	0	203	288
10/19/2017	20	1095.2	2470	709.2	85	0	202	287
10/19/2017	21	1095.2	2460	708.9	85	0	201	286
10/19/2017	22	1095.2	2480	708.8	85	0	201	286
10/19/2017	23	1095.1	2450	708.7	85	0	201	286
10/19/2017	24	1095.2	2470	708.8	85	0	201	286
10/20/2017	1	1095.1	2470	708.8	85	0	201	286
10/20/2017	2	1095.2	2500	708.8	85	0	201	286
10/20/2017	3	1095.2	2500	708.9	85	0	200	285
10/20/2017	4	1095.1	2500	708.9	85	0	201	286
10/20/2017	5	1095.1	2500	708.9	85	0	201	286
10/20/2017	6	1095.1	2500	708.9	85	0	200	285
10/20/2017	7	1095.1	2500	709.1	85	0	202	287

10/20/2017	8	1095.1	2480	709.1	85	0	202	287
10/20/2017	9	1095.1	2480	708.9	85	0	202	288
10/20/2017	10	1095.1	2470	709.0	85	0	202	287
10/20/2017	11	1095.1	2460	709.0	85	0	203	288
10/20/2017	12	1095.1	2480	708.9	85	0	203	288
10/20/2017	13	1095.1	2470	709.0	85	0	201	286
10/20/2017	14	1095.1	2470	709.0	85	0	200	285
10/20/2017	15	1095.1	2460	709.0	85	0	200	285
10/20/2017	16	1095.1	2460	709.0	85	0	200	286
10/20/2017	17	1095.1	2520	709.1	85	0	201	286
10/20/2017	18	1095.1	2500	709.2	85	0	201	286
10/20/2017	19	1095.1	2480	709.1	85	0	200	285
10/20/2017	20	1095.1	2450	709.0	85	0	201	286
10/20/2017	21	1095.1	2470	709.0	85	0	201	286
10/20/2017	22	1095.1	2480	709.1	85	0	201	286
10/20/2017	23	1095.1	2440	709.0	85	0	201	286
10/20/2017	24	1095.1	2450	708.9	85	0	202	287
10/21/2017	1	1095.1	2470	709.0	85	0	202	287
10/21/2017	2	1095.1	2460	709.0	85	0	202	287
10/21/2017	3	1095.1	2500	709.0	85	0	202	287
10/21/2017	4	1095.1	2500	709.0	85	0	202	287
10/21/2017	5	1095.0	2460	709.1	85	0	202	287
10/21/2017	6	1095.0	2490	709.0	85	0	202	287
10/21/2017	7	1095.0	2510	709.1	85	0	202	287
10/21/2017	8	1095.0	2470	709.2	85	0	202	287
10/21/2017	9	1095.0	2440	709.0	85	0	202	287
10/21/2017	10	1095.0	2460	709.0	85	0	202	287
10/21/2017	11	1095.0	2480	709.3	85	0	202	287
10/21/2017	12	1095.0	2470	709.3	85	0	202	287
10/21/2017	13	1095.0	2450	709.3	85	0	203	288
10/21/2017	14	1095.0	2490	709.2	85	0	204	289
10/21/2017	15	1095.0	2470	709.2	85	0	203	288
10/21/2017	16	1095.0	2480	709.1	85	0	203	288
10/21/2017	17	1095.0	2520	709.2	85	0	203	288
10/21/2017	18	1095.0	2510	709.2	85	0	203	288
10/21/2017	19	1095.0	2460	709.1	85	0	203	288
10/21/2017	20	1095.0	2440	709.0	85	0	202	287
10/21/2017	21	1095.1	2450	709.1	85	0	203	288
10/21/2017	22	1095.1	2470	708.9	85	0	202	287
10/21/2017	23	1095.1	2450	708.8	85	0	201	286
10/21/2017	24	1095.1	2470	708.9	85	0	201	286
10/22/2017	1	1095.1	2480	708.9	85	0	201	286
10/22/2017	2	1095.1	2490	708.9	85	0	202	287
10/22/2017	3	1095.1	2480	708.9	85	0	201	286
10/22/2017	4	1095.1	2480	708.9	85	0	201	286
10/22/2017	5	1095.1	2490	709.0	85	0	201	286
10/22/2017	6	1095.1	2470	709.0	85	0	201	286
10/22/2017	7	1095.1	2470	709.0	85	0	201	287
10/22/2017	8	1095.1	2490	709.0	85	0	202	287
10/22/2017	9	1095.1	2470	709.0	85	0	202	287
10/22/2017	10	1095.1	2480	709.1	85	0	202	287
10/22/2017	11	1095.1	2470	709.0	85	0	201	286

10/22/2017	12	1095.1	2460	709.1	85	0	201	286
10/22/2017	13	1095.1	2470	709.0	85	0	201	286
10/22/2017	14	1095.1	2480	709.0	85	0	201	286
10/22/2017	15	1095.1	2470	709.0	85	0	201	286
10/22/2017	16	1095.1	2490	709.1	85	0	202	287
10/22/2017	17	1095.1	2510	709.0	85	0	202	287
10/22/2017	18	1095.1	2500	709.2	85	0	201	286
10/22/2017	19	1095.1	2460	709.2	85	0	202	287
10/22/2017	20	1095.1	2450	709.2	85	0	203	288
10/22/2017	21	1095.1	2460	709.6	85	0	204	289
10/22/2017	22	1095.1	2470	709.1	85	0	202	288
10/22/2017	23	1095.1	2450	708.9	85	0	202	287
10/22/2017	24	1095.1	2460	708.8	85	0	202	287
10/23/2017	1	1095.1	2460	708.9	85	0	201	286
10/23/2017	2	1095.1	2480	709.0	85	0	202	287
10/23/2017	3	1095.1	2510	709.0	85	0	202	287
10/23/2017	4	1095.1	2510	709.0	85	0	202	287
10/23/2017	5	1095.0	2500	709.1	85	0	202	287
10/23/2017	6	1095.0	2510	709.1	85	0	202	287
10/23/2017	7	1095.1	2510	709.6	85	0	204	289
10/23/2017	8	1095.0	2490	709.7	85	0	204	289
10/23/2017	9	1095.0	2460	709.8	85	0	205	290
10/23/2017	10	1095.0	2460	709.5	85	0	205	290
10/23/2017	11	1095.0	2440	709.3	85	0	205	290
10/23/2017	12	1095.0	2490	709.3	85	0	203	288
10/23/2017	13	1095.0	2490	709.4	85	0	203	289
10/23/2017	14	1095.0	2470	709.4	85	0	203	288
10/23/2017	15	1095.0	2520	709.5	85	0	204	289
10/23/2017	16	1095.0	2490	709.8	85	0	205	290
10/23/2017	17	1095.0	2520	709.4	85	0	204	289
10/23/2017	18	1095.0	2510	709.5	85	0	204	289
10/23/2017	19	1095.0	2490	709.4	85	0	203	288
10/23/2017	20	1095.0	2470	709.5	85	0	204	289
10/23/2017	21	1095.0	2450	709.3	85	0	203	288
10/23/2017	22	1095.0	2480	709.1	85	0	203	288
10/23/2017	23	1095.0	2480	709.0	85	0	202	287
10/23/2017	24	1095.0	2490	709.0	85	0	202	287
10/24/2017	1	1095.0	2470	708.9	85	0	202	287
10/24/2017	2	1095.0	2470	708.9	85	0	201	286
10/24/2017	3	1095.0	2490	709.0	85	0	202	287
10/24/2017	4	1095.0	2490	709.0	85	0	202	288
10/24/2017	5	1094.9	2490	708.9	85	0	202	287
10/24/2017	6	1094.9	2510	708.9	85	0	202	287
10/24/2017	7	1094.9	2510	709.2	85	0	202	287
10/24/2017	8	1094.9	1410	709.0	85	0	202	287
10/24/2017	9	1094.9	1100	709.0	85	0	202	287
10/24/2017	10	1094.9	1110	708.6	85	0	201	287
10/24/2017	11	1094.9	1150	708.5	85	0	201	286
10/24/2017	12	1094.9	1260	708.3	85	0	201	286
10/24/2017	13	1094.9	1260	708.4	85	0	201	286
10/24/2017	14	1094.9	1270	708.4	85	0	201	286
10/24/2017	15	1094.9	1250	708.3	85	0	201	286

10/24/2017	16	1094.9	1260	708.2	85	0	200	285
10/24/2017	17	1094.9	1260	708.0	85	0	200	285
10/24/2017	18	1094.9	1260	708.0	85	0	199	284
10/24/2017	19	1094.9	1240	708.0	85	0	199	284
10/24/2017	20	1094.9	1220	708.0	85	0	200	285
10/24/2017	21	1094.9	1230	708.5	85	0	200	285
10/24/2017	22	1094.9	1220	708.5	85	0	200	285
10/24/2017	23	1094.9	1230	708.3	85	0	200	285
10/24/2017	24	1094.9	1230	708.1	85	0	199	285
10/25/2017	1	1094.9	1230	708.1	85	0	199	284
10/25/2017	2	1094.9	1230	708.5	85	0	200	285
10/25/2017	3	1094.9	1230	707.9	85	0	199	284
10/25/2017	4	1094.9	1230	708.0	85	0	198	283
10/25/2017	5	1094.9	1240	708.0	85	0	199	284
10/25/2017	6	1094.9	1250	707.9	85	0	199	284
10/25/2017	7	1094.9	1240	708.0	85	0	199	284
10/25/2017	8	1094.9	1220	708.1	85	0	199	284
10/25/2017	9	1094.9	1230	708.0	85	0	199	284
10/25/2017	10	1094.9	1230	707.9	85	0	198	283
10/25/2017	11	1094.9	1230	708.1	85	0	200	285
10/25/2017	12	1094.9	1230	707.8	85	0	200	284
10/25/2017	13	1094.9	1240	707.9	85	0	199	284
10/25/2017	14	1094.9	1240	707.9	85	0	201	285
10/25/2017	15	1094.9	1240	707.9	85	0	200	285
10/25/2017	16	1094.9	1240	708.0	85	0	201	286
10/25/2017	17	1094.9	1240	707.9	85	0	200	285
10/25/2017	18	1094.9	1220	707.9	85	0	200	286
10/25/2017	19	1094.9	1220	707.8	85	0	199	284
10/25/2017	20	1094.9	1220	708.0	85	0	199	284
10/25/2017	21	1094.9	1230	708.2	85	0	200	285
10/25/2017	22	1094.9	1230	708.1	85	0	200	285
10/25/2017	23	1094.9	1240	707.7	85	0	199	284
10/25/2017	24	1094.9	1230	708.0	85	0	199	284
10/26/2017	1	1094.9	1230	708.0	85	0	200	285
10/26/2017	2	1094.9	1240	708.1	85	0	200	285
10/26/2017	3	1094.9	1230	708.2	85	0	199	284
10/26/2017	4	1094.9	1250	708.2	85	0	199	284
10/26/2017	5	1094.9	1250	708.3	85	0	200	285
10/26/2017	6	1094.9	1250	708.4	85	0	200	285
10/26/2017	7	1094.9	1250	708.8	85	0	202	287
10/26/2017	8	1094.9	1240	708.5	85	0	201	286
10/26/2017	9	1094.9	1240	708.8	85	0	201	286
10/26/2017	10	1094.9	1240	708.8	85	0	201	286
10/26/2017	11	1094.9	1270	708.3	85	0	200	285
10/26/2017	12	1094.9	1270	708.6	85	0	202	287
10/26/2017	13	1094.9	1260	708.6	85	0	200	285
10/26/2017	14	1094.9	1260	708.7	85	0	201	286
10/26/2017	15	1094.9	1270	708.7	85	0	201	286
10/26/2017	16	1094.9	1260	708.7	85	0	201	286
10/26/2017	17	1094.9	1260	708.6	85	0	201	286
10/26/2017	18	1094.9	1250	708.6	85	0	201	286
10/26/2017	19	1094.9	1250	708.6	85	0	201	286



10/26/2017	20	1094.9	1250	708.4	85	0	201	285
10/26/2017	21	1094.9	1260	708.6	85	0	201	286
10/26/2017	22	1094.9	1260	708.2	85	0	200	285
10/26/2017	23	1094.9	1250	708.0	85	0	199	284
10/26/2017	24	1094.9	1250	708.0	85	0	199	284
10/27/2017	1	1094.9	1250	708.0	85	0	200	285
10/27/2017	2	1094.9	1260	708.2	85	0	199	284
10/27/2017	3	1094.9	1260	708.1	85	0	200	285
10/27/2017	4	1094.9	1260	708.2	85	0	199	284
10/27/2017	5	1094.9	1260	708.4	85	0	200	285
10/27/2017	6	1094.9	1270	708.4	85	0	201	286
10/27/2017	7	1094.9	1260	708.5	85	0	200	285
10/27/2017	8	1094.9	1240	708.8	85	0	201	286
10/27/2017	9	1094.9	1230	709.3	85	0	202	287
10/27/2017	10	1094.9	1750	709.5	85	0	203	288
10/27/2017	11	1094.9	2490	709.2	85	0	202	287
10/27/2017	12	1094.9	2490	709.1	85	0	203	288
10/27/2017	13	1094.9	2480	709.3	85	0	203	288
10/27/2017	14	1094.9	2490	709.3	85	0	202	287
10/27/2017	15	1094.9	2480	709.4	85	0	203	288
10/27/2017	16	1094.9	2490	709.2	85	0	202	287
10/27/2017	17	1094.9	2490	709.1	85	0	202	287
10/27/2017	18	1094.9	2490	709.0	85	0	202	287
10/27/2017	19	1094.9	2470	709.3	85	0	203	288
10/27/2017	20	1094.9	2460	709.1	85	0	202	287
10/27/2017	21	1094.9	2470	709.0	85	0	202	286
10/27/2017	22	1094.9	2460	708.9	85	0	201	286
10/27/2017	23	1094.8	2470	708.8	85	0	201	286
10/27/2017	24	1094.9	2470	708.9	85	0	202	287
10/28/2017	1	1094.8	2460	709.0	85	0	201	286
10/28/2017	2	1094.9	2470	709.0	85	0	202	287
10/28/2017	3	1094.8	2480	709.0	85	0	202	287
10/28/2017	4	1094.8	2490	709.1	85	0	202	287
10/28/2017	5	1094.8	2490	709.2	85	0	202	287
10/28/2017	6	1094.8	2480	709.3	85	0	203	288
10/28/2017	7	1094.8	2490	709.5	85	0	204	289
10/28/2017	8	1094.8	2470	709.2	85	0	203	288
10/28/2017	9	1094.8	2470	709.4	85	0	203	288
10/28/2017	10	1094.8	2470	709.4	85	0	204	289
10/28/2017	11	1094.8	2490	709.2	85	0	203	288
10/28/2017	12	1094.8	2490	709.2	85	0	202	287
10/28/2017	13	1094.8	2480	709.1	85	0	202	288
10/28/2017	14	1094.8	2480	709.1	85	0	202	287
10/28/2017	15	1094.8	2480	709.0	85	0	202	287
10/28/2017	16	1094.8	2480	708.9	85	0	202	287
10/28/2017	17	1094.8	2500	708.9	85	0	201	286
10/28/2017	18	1094.8	2490	708.9	85	0	202	287
10/28/2017	19	1094.8	2460	709.0	85	0	202	287
10/28/2017	20	1094.8	2460	708.8	85	0	201	287
10/28/2017	21	1094.7	2460	709.0	85	0	202	287
10/28/2017	22	1094.8	2460	708.8	85	0	202	287
10/28/2017	23	1094.8	2460	708.7	85	0	201	286

10/28/2017	24	1094.8	2470	708.7	85	0	201	286
10/29/2017	1	1094.7	2450	708.7	85	0	201	286
10/29/2017	2	1094.7	2470	708.7	85	0	201	286
10/29/2017	3	1094.8	2470	708.6	85	0	200	285
10/29/2017	4	1094.8	2490	708.7	85	0	202	287
10/29/2017	5	1094.7	2480	708.6	85	0	200	285
10/29/2017	6	1094.7	2480	708.6	85	0	201	286
10/29/2017	7	1094.7	2480	708.7	85	0	201	286
10/29/2017	8	1094.7	2460	708.6	85	0	201	286
10/29/2017	9	1094.7	2460	708.7	85	0	202	287
10/29/2017	10	1094.7	2450	708.7	85	0	201	286
10/29/2017	11	1094.7	2460	708.8	85	0	201	286
10/29/2017	12	1094.7	2460	708.7	85	0	201	285
10/29/2017	13	1094.7	2480	708.7	85	0	201	286
10/29/2017	14	1094.7	2450	708.7	85	0	202	287
10/29/2017	15	1094.7	2450	708.7	85	0	202	287
10/29/2017	16	1094.7	2480	708.7	85	0	203	288
10/29/2017	17	1094.7	2490	708.7	85	0	202	287
10/29/2017	18	1094.7	2480	708.7	85	0	203	288
10/29/2017	19	1094.7	2480	708.8	85	0	202	287
10/29/2017	20	1094.7	2460	708.8	85	0	203	288
10/29/2017	21	1094.7	2450	708.8	85	0	203	288
10/29/2017	22	1094.7	2460	708.9	85	0	203	288
10/29/2017	23	1094.7	2460	708.8	85	0	202	287
10/29/2017	24	1094.7	2450	708.8	85	0	202	287
10/30/2017	1	1094.7	2480	708.8	85	0	202	287
10/30/2017	2	1094.6	2480	708.8	85	0	201	286
10/30/2017	3	1094.6	2480	708.7	85	0	202	287
10/30/2017	4	1094.7	2480	708.8	85	0	202	287
10/30/2017	5	1094.7	2490	708.8	85	0	202	287
10/30/2017	6	1094.6	2480	708.7	85	0	202	287
10/30/2017	7	1094.6	2480	708.8	85	0	202	287
10/30/2017	8	1094.6	2480	708.8	85	0	201	286
10/30/2017	9	1094.7	2440	708.8	85	0	201	286
10/30/2017	10	1094.6	2460	708.8	85	0	202	287
10/30/2017	11	1094.6	2450	708.8	85	0	202	287
10/30/2017	12	1094.6	2470	708.8	85	0	202	287
10/30/2017	13	1094.6	2470	708.7	85	0	201	286
10/30/2017	14	1094.6	2470	708.8	85	0	202	287
10/30/2017	15	1094.6	2450	708.8	85	0	201	286
10/30/2017	16	1094.6	2470	708.8	85	0	201	286
10/30/2017	17	1094.6	2490	708.8	85	0	201	286
10/30/2017	18	1094.6	2500	708.8	85	0	201	286
10/30/2017	19	1094.6	2460	708.8	85	0	201	286
10/30/2017	20	1094.6	2470	709.0	85	0	201	286
10/30/2017	21	1094.6	2460	709.0	85	0	202	287
10/30/2017	22	1094.6	2440	708.9	85	0	201	286
10/30/2017	23	1094.6	2460	708.8	85	0	201	286
10/30/2017	24	1094.6	2480	708.9	85	0	201	286
10/31/2017	1	1094.6	2470	708.7	85	0	201	286
10/31/2017	2	1094.6	2470	708.9	85	0	201	286
10/31/2017	3	1094.6	2480	708.9	85	0	201	286

10/31/2017	4	1094.5	2480	708.8	85	0	201	287
10/31/2017	5	1094.6	2490	708.8	85	0	201	286
10/31/2017	6	1094.6	2480	708.8	85	0	201	286
10/31/2017	7	1094.6	2480	708.9	85	0	201	286
10/31/2017	8	1094.5	2460	709.0	85	0	202	287
10/31/2017	9	1094.6	2440	708.9	85	0	202	287
10/31/2017	10	1094.5	2450	708.9	85	0	202	287
10/31/2017	11	1094.5	2450	709.0	85	0	202	287
10/31/2017	12	1094.5	2460	709.2	85	0	202	287
10/31/2017	13	1094.5	2470	709.0	86	0	202	288
10/31/2017	14	1094.5	2470	709.0	87	0	202	289
10/31/2017	15	1094.5	2460	709.0	87	0	202	289
10/31/2017	16	1094.5	2480	709.0	87	0	203	290
10/31/2017	17	1094.5	2480	708.9	87	0	203	290
10/31/2017	18	1094.5	2460	708.8	87	0	201	288
10/31/2017	19	1094.5	2420	708.7	87	0	200	288
10/31/2017	20	1094.5	2480	708.8	87	0	201	288
10/31/2017	21	1094.5	2490	708.7	87	0	201	288
10/31/2017	22	1094.5	2460	708.7	87	0	201	288
10/31/2017	23	1094.5	2450	708.7	87	0	201	288
10/31/2017	24	1094.5	2450	708.7	87	0	201	288
11/1/2017	1	1094.5	2460	708.7	87	0	201	288
11/1/2017	2	1094.5	2460	708.7	87	0	201	288
11/1/2017	3	1094.5	2470	708.7	87	0	202	289
11/1/2017	4	1094.4	2480	708.8	87	0	201	288
11/1/2017	5	1094.5	2480	708.7	87	0	202	288
11/1/2017	6	1094.5	2470	708.8	87	0	201	288
11/1/2017	7	1094.5	2480	708.9	87	0	202	288
11/1/2017	8	1094.4	2480	708.9	87	0	202	289
11/1/2017	9	1094.4	2450	709.0	87	0	202	289
11/1/2017	10	1094.5	2450	709.1	85	0	203	288
11/1/2017	11	1094.5	2450	709.2	85	0	203	288
11/1/2017	12	1094.4	2470	709.2	85	0	202	287
11/1/2017	13	1094.4	2480	709.3	85	0	203	288
11/1/2017	14	1094.5	2480	709.4	85	0	203	288
11/1/2017	15	1094.5	2470	709.4	85	0	204	289
11/1/2017	16	1094.5	2480	709.5	85	0	205	290
11/1/2017	17	1094.4	2490	709.4	85	0	204	290
11/1/2017	18	1094.4	2490	709.4	85	0	202	288
11/1/2017	19	1094.5	2470	709.5	85	0	203	288
11/1/2017	20	1094.4	2480	709.6	85	0	203	288
11/1/2017	21	1094.4	2470	709.5	85	0	203	289
11/1/2017	22	1094.4	2470	709.5	85	0	203	288
11/1/2017	23	1094.4	2480	709.0	85	0	202	287
11/1/2017	24	1094.4	2470	708.9	85	0	202	287
11/2/2017	1	1094.4	2460	708.9	85	0	202	287
11/2/2017	2	1094.4	2470	709.0	85	0	202	287
11/2/2017	3	1094.4	2480	708.9	85	0	201	286
11/2/2017	4	1094.4	2480	708.9	85	0	200	285
11/2/2017	5	1094.4	2480	709.0	85	0	202	287
11/2/2017	6	1094.4	2490	709.1	85	0	201	286
11/2/2017	7	1094.4	2490	709.2	85	0	201	286

11/2/2017	8	1094.4	2480	709.3	85	0	203	288
11/2/2017	9	1094.3	2480	709.3	85	0	203	288
11/2/2017	10	1094.3	2480	709.2	85	0	202	287
11/2/2017	11	1094.3	2480	709.2	85	0	202	287
11/2/2017	12	1094.3	2480	709.1	85	0	203	288
11/2/2017	13	1094.3	2470	708.9	85	0	203	288
11/2/2017	14	1094.3	2470	708.8	85	0	201	286
11/2/2017	15	1094.3	2480	708.8	85	0	200	285
11/2/2017	16	1094.3	2480	708.7	85	0	200	285
11/2/2017	17	1094.3	2490	708.8	85	0	200	285
11/2/2017	18	1094.3	2490	708.8	85	0	201	286
11/2/2017	19	1094.3	2470	709.0	85	0	201	286
11/2/2017	20	1094.3	2470	709.1	85	0	202	286
11/2/2017	21	1094.3	2470	709.2	85	0	202	287
11/2/2017	22	1094.3	2470	708.9	85	0	202	286
11/2/2017	23	1094.3	2470	708.9	85	0	201	286
11/2/2017	24	1094.3	2480	708.8	85	0	201	286
11/3/2017	1	1094.3	2480	708.9	85	0	203	288
11/3/2017	2	1094.3	2470	708.9	85	0	202	287
11/3/2017	3	1094.3	2480	708.9	85	0	202	287
11/3/2017	4	1094.2	2480	708.9	85	0	203	288
11/3/2017	5	1094.2	2480	708.8	85	0	202	287
11/3/2017	6	1094.2	2480	708.9	85	0	203	288
11/3/2017	7	1094.2	2480	709.0	85	0	203	288
11/3/2017	8	1094.2	2490	708.9	85	0	203	288
11/3/2017	9	1094.2	2480	708.9	85	0	203	288
11/3/2017	10	1094.2	2470	709.0	85	0	204	289
11/3/2017	11	1094.2	2470	709.3	85	0	204	289
11/3/2017	12	1094.2	2480	709.3	85	0	204	290
11/3/2017	13	1094.2	2480	709.3	85	0	204	289
11/3/2017	14	1094.2	2480	709.7	85	0	205	290
11/3/2017	15	1094.2	2480	709.8	85	0	205	291
11/3/2017	16	1094.2	2490	709.8	85	0	206	291
11/3/2017	17	1094.2	2490	709.8	85	0	206	291
11/3/2017	18	1094.2	2490	709.6	85	0	204	289
11/3/2017	19	1094.1	2480	709.7	85	0	205	290
11/3/2017	20	1094.1	2480	709.8	85	0	206	291
11/3/2017	21	1094.1	2480	709.7	85	0	206	291
11/3/2017	22	1094.1	2480	709.5	85	0	205	290
11/3/2017	23	1094.1	2480	709.3	85	0	204	290
11/3/2017	24	1094.1	2480	709.3	85	0	203	288
11/4/2017	1	1094.1	2480	709.2	85	0	203	288
11/4/2017	2	1094.1	2480	709.0	85	0	203	288
11/4/2017	3	1094.1	2480	708.9	85	0	203	288
11/4/2017	4	1094.1	2480	708.9	85	0	203	288
11/4/2017	5	1094.1	2470	708.9	85	0	203	288
11/4/2017	6	1094.1	2480	708.9	85	0	202	287
11/4/2017	7	1094.1	2480	708.8	85	0	203	288
11/4/2017	8	1094.1	2490	708.8	85	0	203	287
11/4/2017	9	1094.1	2480	708.9	85	0	203	288
11/4/2017	10	1094.1	2480	709.0	85	0	203	288
11/4/2017	11	1094.1	2480	709.0	85	0	204	289

11/4/2017	12	1094.1	2470	708.9	85	0	203	288
11/4/2017	13	1094.1	2460	708.8	85	0	203	288
11/4/2017	14	1094.1	2470	708.8	85	0	203	288
11/4/2017	15	1094.1	2470	708.8	85	0	203	288
11/4/2017	16	1094.0	2480	708.8	85	0	202	287
11/4/2017	17	1094.0	2480	708.8	85	0	202	287
11/4/2017	18	1094.0	2490	708.8	85	0	202	287
11/4/2017	19	1094.0	2470	708.7	85	0	203	288
11/4/2017	20	1094.0	2480	708.8	85	0	201	286
11/4/2017	21	1094.0	2480	708.9	85	0	201	286
11/4/2017	22	1094.0	2470	708.8	85	0	203	288
11/4/2017	23	1094.0	2480	708.8	85	0	202	287
11/4/2017	24	1094.0	2470	708.7	85	0	202	287
11/5/2017	1	1094.0	2480	708.8	85	0	203	288
11/5/2017	2	1094.0	2470	708.8	85	0	202	287
11/5/2017	3	1094.0	2480	708.9	85	0	202	288
11/5/2017	4	1094.0	2480	709.0	85	0	203	288
11/5/2017	5	1094.0	2480	709.0	85	0	203	288
11/5/2017	6	1094.0	2480	709.0	85	0	203	288
11/5/2017	7	1094.0	2490	709.1	85	0	203	288
11/5/2017	8	1094.0	2480	709.2	85	0	203	288
11/5/2017	9	1094.0	2480	709.1	85	0	203	288
11/5/2017	10	1094.0	2480	709.5	85	0	204	289
11/5/2017	11	1094.0	2470	709.1	85	0	203	288
11/5/2017	12	1094.0	2480	709.2	85	0	203	288
11/5/2017	13	1094.0	2470	709.0	85	0	203	288
11/5/2017	14	1094.0	2470	708.9	85	0	203	288
11/5/2017	15	1094.0	2480	708.8	85	0	203	288
11/5/2017	16	1094.0	2490	708.8	85	0	202	287
11/5/2017	17	1093.9	2490	708.8	85	0	201	286
11/5/2017	18	1093.9	2480	708.7	85	0	201	286
11/5/2017	19	1094.0	2470	708.7	85	0	201	286
11/5/2017	20	1093.9	2480	708.7	85	0	200	285
11/5/2017	21	1093.9	2480	708.7	85	0	200	285
11/5/2017	22	1093.9	2470	708.7	85	0	201	286
11/5/2017	23	1093.9	2480	708.7	85	0	201	286
11/5/2017	24	1093.9	2470	708.7	85	0	200	285
11/6/2017	1	1093.9	2480	708.8	85	0	201	286
11/6/2017	2	1093.9	2480	708.8	85	0	201	286
11/6/2017	3	1093.9	2480	708.8	85	0	201	286
11/6/2017	4	1093.9	2480	708.7	85	0	200	285
11/6/2017	5	1093.9	2480	708.7	85	0	201	287
11/6/2017	6	1093.9	2490	708.8	85	0	200	285
11/6/2017	7	1093.9	2480	709.0	85	0	202	287
11/6/2017	8	1093.9	2470	709.1	85	0	202	287
11/6/2017	9	1093.9	2470	709.2	85	0	203	288
11/6/2017	10	1093.9	2480	709.0	85	0	202	287
11/6/2017	11	1093.9	2480	709.0	85	0	203	288
11/6/2017	12	1093.9	2480	709.1	85	0	203	288
11/6/2017	13	1093.9	2480	709.2	85	0	203	288
11/6/2017	14	1093.9	2480	709.4	85	0	203	288
11/6/2017	15	1093.9	2490	709.5	85	0	204	289

11/6/2017	16	1093.8	2480	709.5	85	0	203	288
11/6/2017	17	1093.9	2490	709.8	85	0	203	288
11/6/2017	18	1093.8	2490	709.9	85	0	204	289
11/6/2017	19	1093.8	2480	710.1	85	0	205	290
11/6/2017	20	1093.8	2480	709.9	85	0	204	289
11/6/2017	21	1093.8	2480	710.1	85	0	205	290
11/6/2017	22	1093.8	2470	710.0	85	0	205	290
11/6/2017	23	1093.8	2470	709.8	85	0	204	289
11/6/2017	24	1093.8	2480	709.2	85	0	202	287
11/7/2017	1	1093.8	2480	709.1	85	0	202	287
11/7/2017	2	1093.8	2480	709.2	85	0	202	287
11/7/2017	3	1093.8	2480	709.2	85	0	202	287
11/7/2017	4	1093.8	2490	709.1	85	0	201	286
11/7/2017	5	1093.8	2490	709.0	85	0	201	286
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11/7/2017	8	1093.8	2470	709.0	85	0	202	287
11/7/2017	9	1093.8	2470	708.8	85	0	201	286
11/7/2017	10	1093.7	2480	708.8	85	0	201	286
11/7/2017	11	1093.7	2480	708.8	85	0	201	286
11/7/2017	12	1093.7	2480	708.8	85	0	202	287
11/7/2017	13	1093.7	2470	708.8	85	0	202	287
11/7/2017	14	1093.7	2480	708.9	85	0	202	287
11/7/2017	15	1093.7	2470	708.9	85	0	202	286
11/7/2017	16	1093.7	2480	708.9	85	0	203	288
11/7/2017	17	1093.7	2490	708.9	85	0	201	286
11/7/2017	18	1093.7	2480	709.0	85	0	202	287
11/7/2017	19	1093.7	2480	709.2	85	0	202	287
11/7/2017	20	1093.7	2470	709.1	85	0	202	287
11/7/2017	21	1093.7	2470	709.2	85	0	203	288
11/7/2017	22	1093.7	2470	709.1	85	0	202	287
11/7/2017	23	1093.7	2470	709.1	85	0	202	287
11/7/2017	24	1093.7	2470	709.0	85	0	202	287
11/8/2017	1	1093.7	2470	709.0	85	0	201	286
11/8/2017	2	1093.7	2480	709.0	85	0	202	287
11/8/2017	3	1093.6	2470	708.9	85	0	202	286
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11/8/2017	5	1093.6	2490	708.9	85	0	201	286
11/8/2017	6	1093.7	2480	708.8	85	0	201	286
11/8/2017	7	1093.6	2470	708.9	85	0	201	286
11/8/2017	8	1093.6	2470	708.9	85	0	202	287
11/8/2017	9	1093.6	2480	708.9	85	0	201	286
11/8/2017	10	1093.6	2480	708.8	85	0	202	287
11/8/2017	11	1093.6	2490	708.8	85	0	202	287
11/8/2017	12	1093.6	2480	709.0	85	0	204	289
11/8/2017	13	1093.6	2480	708.9	85	0	202	287
11/8/2017	14	1093.6	2480	708.9	85	0	202	287
11/8/2017	15	1093.6	2480	708.9	85	0	202	287
11/8/2017	16	1093.6	2470	709.0	85	0	202	287
11/8/2017	17	1093.6	2480	708.9	85	0	201	286
11/8/2017	18	1093.6	2470	708.9	85	0	200	285
11/8/2017	19	1093.6	2470	709.3	85	0	202	287

11/8/2017	20	1093.6	2480	709.5	85	0	203	288
11/8/2017	21	1093.6	2480	709.6	85	0	203	288
11/8/2017	22	1093.6	2460	709.3	85	0	203	288
11/8/2017	23	1093.6	2470	709.3	85	0	202	287
11/8/2017	24	1093.6	2470	709.4	85	0	202	287
11/9/2017	1	1093.6	2470	709.3	85	0	202	287
11/9/2017	2	1093.5	2480	709.3	85	0	202	287
11/9/2017	3	1093.5	2480	709.3	85	0	202	287
11/9/2017	4	1093.5	2480	709.3	85	0	204	288
11/9/2017	5	1093.5	2480	709.6	85	0	203	288
11/9/2017	6	1093.5	2480	709.8	85	0	202	287
11/9/2017	7	1093.5	2480	710.0	85	0	204	289
11/9/2017	8	1093.5	2470	710.1	85	0	204	288
11/9/2017	9	1093.6	2480	710.2	85	0	203	289
11/9/2017	10	1093.6	2480	709.8	85	0	204	289
11/9/2017	11	1093.5	2480	709.9	85	0	204	289
11/9/2017	12	1093.5	2480	709.8	85	0	204	289
11/9/2017	13	1093.5	2480	709.6	85	0	203	288
11/9/2017	14	1093.5	2480	709.3	85	0	202	287
11/9/2017	15	1093.5	2480	709.9	85	0	203	289
11/9/2017	16	1093.5	2480	709.4	85	0	202	287
11/9/2017	17	1093.5	2480	709.2	85	0	201	286
11/9/2017	18	1093.5	2480	709.3	85	0	202	287
11/9/2017	19	1093.5	2480	709.3	85	0	202	287
11/9/2017	20	1093.5	2480	709.4	85	0	202	287
11/9/2017	21	1093.5	2470	709.4	85	0	202	287
11/9/2017	22	1093.5	2480	709.4	85	0	203	288
11/9/2017	23	1093.5	2470	709.3	85	0	202	287
11/9/2017	24	1093.5	2480	709.1	85	0	202	286
11/10/2017	1	1093.5	2470	708.9	85	0	201	286
11/10/2017	2	1093.5	2480	709.0	85	0	201	286
11/10/2017	3	1093.5	2470	709.2	85	0	201	287
11/10/2017	4	1093.5	2480	709.0	85	0	201	286
11/10/2017	5	1093.5	2480	708.9	85	0	202	287
11/10/2017	6	1093.5	2480	708.8	85	0	201	286
11/10/2017	7	1093.4	2480	708.8	85	0	201	286
11/10/2017	8	1093.4	2480	709.0	85	0	202	287
11/10/2017	9	1093.4	2490	709.0	85	0	200	285
11/10/2017	10	1093.4	2470	709.0	85	0	202	287
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11/10/2017	12	1093.4	2480	709.0	85	0	201	286
11/10/2017	13	1093.4	2480	708.8	85	0	201	286
11/10/2017	14	1093.4	2470	708.9	85	0	202	288
11/10/2017	15	1093.4	2480	708.8	85	0	203	288
11/10/2017	16	1093.4	2490	708.7	85	0	201	286
11/10/2017	17	1093.4	2490	708.7	85	0	201	287
11/10/2017	18	1093.4	2470	708.7	85	0	201	286
11/10/2017	19	1093.4	2460	708.8	85	0	202	287
11/10/2017	20	1093.4	2480	709.0	85	0	202	287
11/10/2017	21	1093.4	2490	709.1	85	0	202	287
11/10/2017	22	1093.4	2480	709.1	85	0	203	288
11/10/2017	23	1093.4	2470	709.1	85	0	203	289

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11/11/2017	1	1093.4	2480	709.3	85	0	203	288
11/11/2017	2	1093.4	2470	709.1	85	0	204	288
11/11/2017	3	1093.4	2470	708.9	85	0	203	288
11/11/2017	4	1093.3	2470	708.9	85	0	203	288
11/11/2017	5	1093.4	2480	708.8	85	0	201	286
11/11/2017	6	1093.3	2490	708.9	85	0	202	287
11/11/2017	7	1093.3	2480	708.9	85	0	203	287
11/11/2017	8	1093.3	2470	708.8	85	0	202	287
11/11/2017	9	1093.3	2470	708.8	85	0	202	287
11/11/2017	10	1093.3	2480	708.9	85	0	202	287
11/11/2017	11	1093.3	2480	709.0	85	0	202	287
11/11/2017	12	1093.3	2480	709.0	85	0	203	287
11/11/2017	13	1093.3	2490	708.9	85	0	201	286
11/11/2017	14	1093.3	2480	708.9	85	0	202	287
11/11/2017	15	1093.3	2480	708.9	85	0	202	287
11/11/2017	16	1093.3	2480	708.8	85	0	202	287
11/11/2017	17	1093.3	2480	708.8	85	0	202	286
11/11/2017	18	1093.3	2480	708.8	85	0	202	286
11/11/2017	19	1093.3	2480	708.8	85	0	202	287
11/11/2017	20	1093.3	2480	708.8	85	0	201	286
11/11/2017	21	1093.2	2480	708.8	85	0	201	286
11/11/2017	22	1093.2	2480	708.8	85	0	202	286
11/11/2017	23	1093.2	2470	708.8	85	0	201	286
11/11/2017	24	1093.3	2460	708.7	85	0	201	286
11/12/2017	1	1093.2	2480	708.7	85	0	201	286
11/12/2017	2	1093.2	2480	708.8	85	0	201	285
11/12/2017	3	1093.2	2480	708.8	85	0	201	285
11/12/2017	4	1093.2	2480	708.8	85	0	200	285
11/12/2017	5	1093.2	2480	708.7	85	0	201	285
11/12/2017	6	1093.2	2480	708.7	85	0	201	286
11/12/2017	7	1093.2	2480	708.8	85	0	200	285
11/12/2017	8	1093.2	2480	708.7	85	0	200	285
11/12/2017	9	1093.2	2480	708.8	85	0	201	286
11/12/2017	10	1093.2	2470	708.8	85	0	201	286
11/12/2017	11	1093.2	2470	708.8	85	0	201	285
11/12/2017	12	1093.2	2460	708.8	84	0	202	286
11/12/2017	13	1093.2	2480	708.8	85	0	201	286
11/12/2017	14	1093.2	2480	708.8	85	0	201	285
11/12/2017	15	1093.2	2470	708.8	85	0	201	285
11/12/2017	16	1093.2	2470	708.7	84	0	200	285
11/12/2017	17	1093.2	2480	708.9	84	0	201	286
11/12/2017	18	1093.1	2460	709.0	85	0	201	285
11/12/2017	19	1093.1	2470	709.0	85	0	201	285
11/12/2017	20	1093.1	2470	709.0	84	0	201	285
11/12/2017	21	1093.1	2470	708.9	84	0	201	286
11/12/2017	22	1093.1	2460	708.8	85	0	201	286
11/12/2017	23	1093.1	2480	708.8	84	0	200	284
11/12/2017	24	1093.1	2470	708.8	84	0	201	285
11/13/2017	1	1093.1	2470	708.7	85	0	201	286
11/13/2017	2	1093.1	2470	708.8	84	0	201	285
11/13/2017	3	1093.1	2480	708.8	84	0	201	285



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11/13/2017	5	1093.1	2480	708.9	85	0	201	286
11/13/2017	6	1093.1	2490	708.8	84	0	201	286
11/13/2017	7	1093.1	2480	708.9	84	0	200	284
11/13/2017	8	1093.1	2460	709.0	84	0	201	285
11/13/2017	9	1093.1	2470	709.1	84	0	201	285
11/13/2017	10	1093.1	2480	709.1	84	0	201	285
11/13/2017	11	1093.1	2470	709.1	84	0	201	285
11/13/2017	12	1093.1	2480	709.1	84	0	200	284
11/13/2017	13	1093.0	2470	709.2	84	0	200	285
11/13/2017	14	1093.0	2470	709.5	84	0	202	286
11/13/2017	15	1093.1	2480	709.6	85	0	202	286
11/13/2017	16	1093.0	2480	709.6	84	0	201	286
11/13/2017	17	1093.0	2480	709.6	84	0	202	286
11/13/2017	18	1093.1	2480	709.2	84	0	201	285
11/13/2017	19	1093.0	2470	709.5	84	0	201	285
11/13/2017	20	1093.0	2470	709.6	84	0	202	286
11/13/2017	21	1093.1	2470	709.6	84	0	202	286
11/13/2017	22	1093.1	2480	709.6	84	0	202	286
11/13/2017	23	1093.0	2480	709.1	84	0	201	286
11/13/2017	24	1093.0	2470	709.1	84	0	201	285
11/14/2017	1	1093.0	2480	709.2	84	0	201	285
11/14/2017	2	1093.0	2480	709.2	84	0	200	285
11/14/2017	3	1093.0	2480	709.1	84	0	200	285
11/14/2017	4	1093.0	2480	709.0	84	0	200	284
11/14/2017	5	1093.0	2480	708.9	84	0	200	284
11/14/2017	6	1093.0	2490	709.1	84	0	201	285
11/14/2017	7	1093.0	2470	709.1	84	0	202	286
11/14/2017	8	1093.0	2470	708.9	84	0	201	285
11/14/2017	9	1093.0	2470	708.8	84	0	200	285
11/14/2017	10	1093.0	2470	708.8	84	0	200	284
11/14/2017	11	1093.0	2480	709.1	84	0	201	285
11/14/2017	12	1093.0	2480	709.1	84	0	202	286
11/14/2017	13	1093.0	2480	709.1	84	0	201	285
11/14/2017	14	1093.0	2480	709.4	84	0	202	286
11/14/2017	15	1093.0	2490	709.7	84	0	202	286
11/14/2017	16	1092.9	2490	709.9	84	0	203	287
11/14/2017	17	1092.9	2490	710.2	84	0	204	288
11/14/2017	18	1093.0	2480	710.2	84	0	204	288
11/14/2017	19	1092.9	2480	710.3	84	0	205	289
11/14/2017	20	1092.9	2470	710.2	84	0	205	288
11/14/2017	21	1092.9	2470	710.1	84	0	204	287
11/14/2017	22	1092.9	2480	709.6	84	0	203	287
11/14/2017	23	1092.9	2480	709.6	84	0	203	287
11/14/2017	24	1092.9	2470	709.5	84	0	204	288
11/15/2017	1	1092.9	2480	709.4	84	0	203	287
11/15/2017	2	1092.9	2480	709.2	84	0	201	284
11/15/2017	3	1092.9	2480	709.0	84	0	202	285
11/15/2017	4	1092.9	2480	708.9	84	0	200	284
11/15/2017	5	1092.9	2490	708.9	84	0	200	284
11/15/2017	6	1092.9	2490	708.9	84	0	201	285
11/15/2017	7	1092.9	2480	708.8	84	0	202	285

11/15/2017	8	1092.9	2480	708.8	84	0	201	285
11/15/2017	9	1092.9	2470	708.8	84	0	201	285
11/15/2017	10	1092.9	2480	708.8	85	0	201	286
11/15/2017	11	1092.9	2470	708.8	85	0	201	286
11/15/2017	12	1092.9	2470	708.8	85	0	201	286
11/15/2017	13	1092.9	2480	708.7	85	0	201	286
11/15/2017	14	1092.9	2470	708.8	85	0	202	287
11/15/2017	15	1092.9	2470	708.7	85	0	202	287
11/15/2017	16	1092.9	2470	708.7	85	0	201	286
11/15/2017	17	1092.9	2480	708.7	85	0	201	286
11/15/2017	18	1092.9	2470	708.7	85	0	201	286
11/15/2017	19	1092.8	2470	708.9	85	0	201	286
11/15/2017	20	1092.9	2470	708.9	85	0	202	287
11/15/2017	21	1092.9	2470	709.0	85	0	202	287
11/15/2017	22	1092.8	2470	709.0	85	0	201	286
11/15/2017	23	1092.8	2470	709.1	85	0	201	286
11/15/2017	24	1092.8	2470	709.4	85	0	203	288
11/16/2017	1	1092.8	2470	709.4	85	0	202	287
11/16/2017	2	1092.8	2470	709.0	85	0	201	286
11/16/2017	3	1092.8	2480	708.9	85	0	201	286
11/16/2017	4	1092.8	2480	709.0	85	0	201	286
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11/16/2017	7	1092.8	2480	708.9	85	0	201	287
11/16/2017	8	1092.8	2470	709.0	85	0	201	287
11/16/2017	9	1092.8	2480	708.8	85	0	200	285
11/16/2017	10	1092.8	2470	708.7	85	0	201	286
11/16/2017	11	1092.8	2470	708.8	85	0	201	286
11/16/2017	12	1092.8	2480	708.7	85	0	202	287
11/16/2017	13	1092.8	2490	708.8	85	0	201	286
11/16/2017	14	1092.7	2480	708.8	85	0	201	286
11/16/2017	15	1092.8	2480	709.1	85	0	201	286
11/16/2017	16	1092.8	2480	709.5	85	0	202	287
11/16/2017	17	1092.8	2490	709.2	85	0	201	286
11/16/2017	18	1092.7	2480	709.3	85	0	201	287
11/16/2017	19	1092.7	2480	709.3	85	0	201	286
11/16/2017	20	1092.8	2480	709.3	85	0	202	288
11/16/2017	21	1092.8	2470	709.4	85	0	203	288
11/16/2017	22	1092.7	2480	709.3	85	0	200	285
11/16/2017	23	1092.7	2480	709.0	85	0	201	286
11/16/2017	24	1092.7	2480	708.9	85	0	201	286
11/17/2017	1	1092.7	2460	708.8	85	0	202	287
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11/17/2017	3	1092.7	2470	708.9	85	0	202	287
11/17/2017	4	1092.7	2480	708.9	85	0	201	286
11/17/2017	5	1092.7	2490	708.9	85	0	202	287
11/17/2017	6	1092.7	2480	708.9	85	0	201	286
11/17/2017	7	1092.7	2480	709.1	85	0	203	288
11/17/2017	8	1092.7	2470	708.9	85	0	202	286
11/17/2017	9	1092.7	2470	708.8	85	0	202	287
11/17/2017	10	1092.7	2470	708.9	85	0	202	287
11/17/2017	11	1092.6	2480	708.9	85	0	203	288

11/17/2017	12	1092.6	2480	709.0	85	0	201	286
11/17/2017	13	1092.7	2470	709.0	85	0	199	284
11/17/2017	14	1092.6	2480	709.1	85	0	199	285
11/17/2017	15	1092.6	2490	709.3	85	0	199	284
11/17/2017	16	1092.6	2480	709.2	85	0	200	285
11/17/2017	17	1092.6	2490	709.3	85	0	201	286
11/17/2017	18	1092.6	2480	709.2	85	0	200	286
11/17/2017	19	1092.6	2470	709.1	85	0	200	285
11/17/2017	20	1092.6	2480	709.0	85	0	199	284
11/17/2017	21	1092.6	2470	708.8	85	0	201	287
11/17/2017	22	1092.6	2480	708.8	85	0	201	286
11/17/2017	23	1092.6	2470	708.7	85	0	199	284
11/17/2017	24	1092.6	2480	708.7	85	0	199	284
11/18/2017	1	1092.6	2470	708.7	85	0	201	286
11/18/2017	2	1092.6	2480	708.7	85	0	201	286
11/18/2017	3	1092.6	2480	708.7	85	0	201	286
11/18/2017	4	1092.5	2480	708.7	85	0	202	287
11/18/2017	5	1092.5	2480	708.7	85	0	201	286
11/18/2017	6	1092.5	2490	708.7	85	0	201	286
11/18/2017	7	1092.5	2490	708.8	85	0	201	286
11/18/2017	8	1092.5	2470	708.8	85	0	202	287
11/18/2017	9	1092.5	2470	708.7	85	0	202	287
11/18/2017	10	1092.5	2480	708.7	85	0	202	287
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11/18/2017	13	1092.5	2490	709.0	85	0	202	287
11/18/2017	14	1092.5	2480	709.0	85	0	202	287
11/18/2017	15	1092.5	2490	709.3	85	0	203	288
11/18/2017	16	1092.5	2500	709.4	85	0	203	288
11/18/2017	17	1092.5	2500	709.6	85	0	203	288
11/18/2017	18	1092.5	2480	709.4	85	0	203	288
11/18/2017	19	1092.5	2480	709.5	85	0	203	288
11/18/2017	20	1092.5	2490	709.5	85	0	203	288
11/18/2017	21	1092.5	2480	709.3	85	0	201	287
11/18/2017	22	1092.5	2480	709.1	85	0	201	286
11/18/2017	23	1092.5	2480	709.3	85	0	202	287
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11/19/2017	3	1092.4	2480	709.0	85	0	201	286
11/19/2017	4	1092.4	2480	708.9	85	0	200	285
11/19/2017	5	1092.4	2480	709.0	85	0	201	286
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11/19/2017	7	1092.4	2480	708.8	85	0	202	287
11/19/2017	8	1092.4	2480	708.8	85	0	201	286
11/19/2017	9	1092.4	2480	708.9	85	0	201	286
11/19/2017	10	1092.4	2470	708.8	85	0	201	286
11/19/2017	11	1092.4	2470	708.7	85	0	201	286
11/19/2017	12	1092.4	2480	708.8	85	0	201	286
11/19/2017	13	1092.4	2480	708.8	85	0	200	285
11/19/2017	14	1092.4	2490	709.0	85	0	201	286
11/19/2017	15	1092.4	2490	708.9	85	0	200	285

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11/19/2017	17	1092.4	2470	709.0	85	0	200	285
11/19/2017	18	1092.4	2470	709.1	85	0	201	286
11/19/2017	19	1092.4	2480	709.0	85	0	202	287
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11/19/2017	21	1092.4	2470	709.1	85	0	201	286
11/19/2017	22	1092.4	2470	708.9	85	0	201	286
11/19/2017	23	1092.4	2460	708.8	85	0	200	285
11/19/2017	24	1092.4	2470	708.8	85	0	201	286
11/20/2017	1	1092.4	2480	708.8	85	0	201	286
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11/20/2017	5	1092.3	2470	708.8	85	0	201	286
11/20/2017	6	1092.3	2490	708.8	85	0	201	286
11/20/2017	7	1092.3	2480	708.7	85	0	201	286
11/20/2017	8	1092.3	2470	708.7	85	0	202	287
11/20/2017	9	1092.3	2470	708.8	85	0	202	287
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11/20/2017	11	1092.3	2470	708.8	85	0	201	286
11/20/2017	12	1092.4	2470	708.8	85	0	201	286
11/20/2017	13	1092.3	2470	708.9	85	0	201	286
11/20/2017	14	1092.3	2480	709.1	85	0	203	288
11/20/2017	15	1092.3	2490	709.0	85	0	202	287
11/20/2017	16	1092.3	2490	709.2	85	0	202	287
11/20/2017	17	1092.3	2490	709.3	85	0	202	287
11/20/2017	18	1092.3	2480	709.5	85	0	203	288
11/20/2017	19	1092.3	2470	709.6	85	0	204	289
11/20/2017	20	1092.3	2480	709.5	85	0	203	288
11/20/2017	21	1092.3	2480	709.4	85	0	203	288
11/20/2017	22	1092.3	2480	709.3	85	0	203	288
11/20/2017	23	1092.3	2480	709.2	85	0	202	287
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11/21/2017	2	1092.2	2470	709.0	85	0	201	287
11/21/2017	3	1092.3	2480	709.1	85	0	203	288
11/21/2017	4	1092.2	2480	709.0	85	0	203	288
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11/21/2017	6	1092.2	2480	709.0	85	0	203	288
11/21/2017	7	1092.2	2480	709.0	85	0	203	288
11/21/2017	8	1092.2	2480	709.0	85	0	203	288
11/21/2017	9	1092.2	2470	708.8	85	0	202	287
11/21/2017	10	1092.2	2480	708.8	85	0	201	286
11/21/2017	11	1092.2	2480	708.8	85	0	202	287
11/21/2017	12	1092.2	2480	708.7	85	0	201	286
11/21/2017	13	1092.2	2470	708.8	85	0	201	286
11/21/2017	14	1092.2	2470	708.8	85	0	201	286
11/21/2017	15	1092.2	2480	708.7	85	0	201	286
11/21/2017	16	1092.2	2480	708.7	85	0	202	287
11/21/2017	17	1092.2	2480	708.7	85	0	201	286
11/21/2017	18	1092.2	2470	708.7	85	0	201	286
11/21/2017	19	1092.2	2470	708.7	85	0	200	285

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11/21/2017	22	1092.2	2480	709.0	85	0	202	288
11/21/2017	23	1092.2	2480	708.8	85	0	201	286
11/21/2017	24	1092.2	2480	708.8	85	0	201	286
11/22/2017	1	1092.2	2480	709.0	85	0	200	286
11/22/2017	2	1092.2	2480	709.0	85	0	201	286
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11/22/2017	4	1092.2	2480	708.9	85	0	202	287
11/22/2017	5	1092.2	2480	708.9	85	0	201	286
11/22/2017	6	1092.2	2480	708.9	85	0	201	286
11/22/2017	7	1092.2	2480	709.0	85	0	202	287
11/22/2017	8	1092.2	2480	709.0	85	0	203	288
11/22/2017	9	1092.2	2470	708.9	85	0	202	287
11/22/2017	10	1092.2	2480	708.9	85	0	202	287
11/22/2017	11	1092.2	2480	708.9	85	0	202	287
11/22/2017	12	1092.2	2480	708.9	85	0	201	286
11/22/2017	13	1092.2	2480	709.0	85	0	202	287
11/22/2017	14	1092.2	2480	709.1	85	0	203	288
11/22/2017	15	1092.2	2490	709.3	85	0	203	288
11/22/2017	16	1092.2	2490	709.0	85	0	202	287
11/22/2017	17	1092.3	2490	709.1	85	0	202	287
11/22/2017	18	1092.3	2470	709.2	85	0	202	287
11/22/2017	19	1092.3	2470	708.9	85	0	202	287
11/22/2017	20	1092.3	2480	708.8	85	0	200	285
11/22/2017	21	1092.3	2470	708.8	85	0	201	286
11/22/2017	22	1092.3	2480	708.9	85	0	200	285
11/22/2017	23	1092.4	2480	709.0	85	0	201	286
11/22/2017	24	1092.4	2470	708.9	85	0	201	286
11/23/2017	1	1092.4	2470	708.9	85	0	201	286
11/23/2017	2	1092.4	2480	708.9	85	0	200	285
11/23/2017	3	1092.4	2480	708.9	85	0	201	286
11/23/2017	4	1092.5	2480	709.0	85	0	201	286
11/23/2017	5	1092.5	2480	709.2	85	0	202	287
11/23/2017	6	1092.5	2480	709.1	85	0	201	286
11/23/2017	7	1092.5	2480	709.0	85	0	200	286
11/23/2017	8	1092.6	2470	709.2	85	0	202	287
11/23/2017	9	1092.6	2480	709.1	85	0	200	285
11/23/2017	10	1092.6	2480	709.2	85	0	201	286
11/23/2017	11	1092.7	2480	709.3	85	0	201	286
11/23/2017	12	1092.7	2480	709.2	85	0	202	287
11/23/2017	13	1092.8	2470	709.2	85	0	201	286
11/23/2017	14	1092.8	2470	709.3	85	0	201	286
11/23/2017	15	1092.9	2470	709.1	85	0	201	286
11/23/2017	16	1092.9	2470	709.1	85	0	201	286
11/23/2017	17	1092.9	2480	709.0	85	0	201	286
11/23/2017	18	1092.9	2470	709.1	85	0	201	286
11/23/2017	19	1093.0	2480	708.9	85	0	200	285
11/23/2017	20	1093.0	2480	708.9	85	0	201	286
11/23/2017	21	1093.0	2480	708.9	85	0	201	287
11/23/2017	22	1093.0	2480	709.0	85	0	200	285
11/23/2017	23	1093.1	2480	709.0	85	0	200	285

11/23/2017	24	1093.1	2470	709.0	85	0	201	286
11/24/2017	1	1093.1	2480	708.9	85	0	201	286
11/24/2017	2	1093.1	2480	709.0	85	0	200	285
11/24/2017	3	1093.1	2480	709.0	85	0	200	285
11/24/2017	4	1093.2	2490	709.1	85	0	201	286
11/24/2017	5	1093.1	2500	709.1	85	0	201	286
11/24/2017	6	1093.1	2490	709.0	85	0	199	284
11/24/2017	7	1093.2	2490	709.2	85	0	200	285
11/24/2017	8	1093.2	2480	709.1	85	0	201	286
11/24/2017	9	1093.2	2490	709.1	85	0	199	284
11/24/2017	10	1093.2	2480	709.1	85	0	200	285
11/24/2017	11	1093.3	2480	709.3	85	0	201	287
11/24/2017	12	1093.3	2490	709.4	85	0	202	287
11/24/2017	13	1093.3	2480	709.1	85	0	199	284
11/24/2017	14	1093.2	2480	709.3	85	0	201	286
11/24/2017	15	1093.3	2490	709.0	85	0	200	285
11/24/2017	16	1093.3	2490	709.0	85	0	200	285
11/24/2017	17	1093.3	2490	708.9	85	0	200	285
11/24/2017	18	1093.3	2480	708.9	85	0	200	285
11/24/2017	19	1093.3	2490	708.8	85	0	200	285
11/24/2017	20	1093.3	2490	708.7	85	0	200	286
11/24/2017	21	1093.3	2480	708.8	85	0	201	286
11/24/2017	22	1093.3	2480	708.7	85	0	201	286
11/24/2017	23	1093.3	2480	708.7	85	0	200	285
11/24/2017	24	1093.4	2480	708.7	85	0	200	285
11/25/2017	1	1093.3	2490	708.7	85	0	200	285
11/25/2017	2	1093.3	2490	708.8	85	0	200	285
11/25/2017	3	1093.3	2490	708.8	85	0	200	285
11/25/2017	4	1093.4	2490	708.8	85	0	201	286
11/25/2017	5	1093.3	2480	708.7	85	0	200	285
11/25/2017	6	1093.3	2480	708.7	85	0	201	286
11/25/2017	7	1093.3	2480	708.7	85	0	201	286
11/25/2017	8	1093.4	2480	708.7	85	0	201	286
11/25/2017	9	1093.4	2480	708.7	85	0	201	286
11/25/2017	10	1093.4	2490	708.7	85	0	202	287
11/25/2017	11	1093.4	2480	708.7	85	0	202	287
11/25/2017	12	1093.4	2480	708.7	85	0	203	288
11/25/2017	13	1093.4	2490	708.7	85	0	202	287
11/25/2017	14	1093.4	2490	708.7	85	0	202	287
11/25/2017	15	1093.4	2500	708.7	85	0	200	285
11/25/2017	16	1093.4	2490	708.7	85	0	201	286
11/25/2017	17	1093.4	2480	708.7	85	0	200	285
11/25/2017	18	1093.4	2480	708.7	85	0	201	286
11/25/2017	19	1093.4	2480	708.7	85	0	200	285
11/25/2017	20	1093.4	2480	708.7	85	0	200	285
11/25/2017	21	1093.4	2480	708.7	85	0	200	285
11/25/2017	22	1093.4	2480	708.7	85	0	200	285
11/25/2017	23	1093.4	2480	708.7	85	0	199	284
11/25/2017	24	1093.4	2470	708.7	85	0	200	286
11/26/2017	1	1093.5	2480	708.7	85	0	201	286
11/26/2017	2	1093.5	2480	708.7	85	0	200	285
11/26/2017	3	1093.5	2490	708.7	85	0	200	285

11/26/2017	4	1093.5	2490	708.7	85	0	201	286
11/26/2017	5	1093.5	2480	708.7	85	0	199	285
11/26/2017	6	1093.4	2480	708.7	85	0	200	285
11/26/2017	7	1093.5	2480	708.7	85	0	200	285
11/26/2017	8	1093.5	2470	708.8	85	0	200	285
11/26/2017	9	1093.5	2480	708.8	85	0	200	285
11/26/2017	10	1093.5	2480	708.8	85	0	200	286
11/26/2017	11	1093.5	2480	708.8	85	0	200	285
11/26/2017	12	1093.5	2480	708.8	85	0	200	285
11/26/2017	13	1093.5	2480	708.8	85	0	200	285
11/26/2017	14	1093.5	2480	708.9	85	0	200	285
11/26/2017	15	1093.5	2480	709.0	85	0	200	285
11/26/2017	16	1093.5	2480	708.8	85	0	199	284
11/26/2017	17	1093.5	2490	708.9	85	0	199	284
11/26/2017	18	1093.5	2480	708.9	85	0	200	285
11/26/2017	19	1093.5	2480	708.9	85	0	199	284
11/26/2017	20	1093.5	2480	708.8	85	0	199	284
11/26/2017	21	1093.6	2480	708.9	85	0	201	286
11/26/2017	22	1093.6	2480	709.1	85	0	201	286
11/26/2017	23	1093.5	2480	709.0	85	0	201	286
11/26/2017	24	1093.6	2480	709.1	85	0	200	285
11/27/2017	1	1093.6	2480	709.0	85	0	200	285
11/27/2017	2	1093.6	2490	709.1	85	0	202	287
11/27/2017	3	1093.5	2470	709.1	85	0	202	287
11/27/2017	4	1093.6	2490	709.1	85	0	201	287
11/27/2017	5	1093.6	2490	709.3	85	0	201	286
11/27/2017	6	1093.6	2490	709.4	85	0	202	287
11/27/2017	7	1093.6	2490	709.4	85	0	201	286
11/27/2017	8	1093.6	2490	710.0	85	0	202	287
11/27/2017	9	1093.6	2480	710.3	85	0	203	288
11/27/2017	10	1093.6	2490	709.9	85	0	202	287
11/27/2017	11	1093.6	2480	709.3	85	0	202	288
11/27/2017	12	1093.6	2480	709.1	85	0	202	287
11/27/2017	13	1093.6	2480	709.0	85	0	202	287
11/27/2017	14	1093.6	2490	708.9	85	0	200	285
11/27/2017	15	1093.6	2480	708.9	85	0	200	285
11/27/2017	16	1093.6	2490	709.1	85	0	200	285
11/27/2017	17	1093.6	2490	709.2	85	0	201	286
11/27/2017	18	1093.6	2490	709.2	85	0	202	287
11/27/2017	19	1093.6	2490	709.4	85	0	203	288
11/27/2017	20	1093.6	2490	709.6	85	0	203	288
11/27/2017	21	1093.6	2480	709.4	85	0	202	287
11/27/2017	22	1093.6	2480	709.0	85	0	201	286
11/27/2017	23	1093.6	2480	708.9	85	0	201	286
11/27/2017	24	1093.6	2480	708.9	85	0	201	286
11/28/2017	1	1093.6	2490	708.9	85	0	201	286
11/28/2017	2	1093.6	2480	708.9	85	0	201	286
11/28/2017	3	1093.6	2490	708.9	85	0	201	286
11/28/2017	4	1093.6	2490	708.9	85	0	201	286
11/28/2017	5	1093.6	2490	708.9	85	0	200	285
11/28/2017	6	1093.6	2490	708.9	85	0	201	286
11/28/2017	7	1093.6	2490	709.0	85	0	201	286

11/28/2017	8	1093.6	2470	708.9	85	0	201	286
11/28/2017	9	1093.6	2470	708.9	85	0	201	286
11/28/2017	10	1093.6	2490	708.9	85	0	201	287
11/28/2017	11	1093.6	2490	709.0	85	0	202	287
11/28/2017	12	1093.6	2480	709.2	85	0	203	288
11/28/2017	13	1093.6	2480	709.2	85	0	202	287
11/28/2017	14	1093.6	2490	709.4	85	0	202	288
11/28/2017	15	1093.6	2500	709.3	85	0	202	287
11/28/2017	16	1093.6	2480	709.4	85	0	202	287
11/28/2017	17	1093.6	2490	709.4	85	0	203	288
11/28/2017	18	1093.6	2470	709.1	85	0	202	287
11/28/2017	19	1093.6	2480	709.1	85	0	201	286
11/28/2017	20	1093.6	2480	709.0	85	0	200	285
11/28/2017	21	1093.6	2490	709.2	85	0	201	286
11/28/2017	22	1093.6	2480	709.1	85	0	200	285
11/28/2017	23	1093.6	2480	709.0	85	0	200	285
11/28/2017	24	1093.6	2480	709.0	85	0	200	285
11/29/2017	1	1093.6	2480	708.9	85	0	201	286
11/29/2017	2	1093.6	2480	709.0	85	0	202	287
11/29/2017	3	1093.6	2480	709.1	85	0	202	287
11/29/2017	4	1093.6	2490	709.1	85	0	201	286
11/29/2017	5	1093.6	2490	709.2	85	0	202	287
11/29/2017	6	1093.6	2490	709.5	85	0	203	288
11/29/2017	7	1093.6	2490	709.4	85	0	203	288
11/29/2017	8	1093.6	2480	709.5	85	0	203	288
11/29/2017	9	1093.6	2490	709.6	85	0	203	289
11/29/2017	10	1093.6	2480	709.7	85	0	204	289
11/29/2017	11	1093.6	2490	710.0	85	0	205	290
11/29/2017	12	1093.6	2490	709.8	85	0	204	289
11/29/2017	13	1093.6	2490	709.6	85	0	203	289
11/29/2017	14	1093.6	2490	709.4	85	0	203	288
11/29/2017	15	1093.6	2500	709.2	85	0	202	287
11/29/2017	16	1093.6	2500	709.2	85	0	203	288
11/29/2017	17	1093.6	2500	709.7	85	0	203	288
11/29/2017	18	1093.6	2480	709.9	85	0	203	288
11/29/2017	19	1093.6	2460	709.8	85	0	204	289
11/29/2017	20	1093.6	2480	709.7	85	0	203	288
11/29/2017	21	1093.6	2450	709.9	85	0	203	288
11/29/2017	22	1093.6	2450	709.8	85	0	203	288
11/29/2017	23	1093.6	2460	709.7	85	0	203	288
11/29/2017	24	1093.6	2470	709.4	85	0	201	287
11/30/2017	1	1093.6	2450	709.1	85	0	201	286
11/30/2017	2	1093.6	2480	709.0	85	0	200	285
11/30/2017	3	1093.6	2470	709.0	85	0	201	286
11/30/2017	4	1093.6	2480	708.9	85	0	201	286
11/30/2017	5	1093.6	2490	708.9	85	0	201	286
11/30/2017	6	1093.6	2480	708.9	85	0	201	286
11/30/2017	7	1093.6	2480	708.9	85	0	199	285
11/30/2017	8	1093.6	2440	708.9	85	0	200	285
11/30/2017	9	1093.6	2440	709.0	85	0	200	285
11/30/2017	10	1093.6	2460	709.0	85	0	201	286
11/30/2017	11	1093.5	2460	708.8	85	0	200	286



11/30/2017	12	1093.6	2470	709.0	85	0	200	285
11/30/2017	13	1093.6	2480	709.2	85	0	201	286
11/30/2017	14	1093.6	2470	709.3	85	0	199	284
11/30/2017	15	1093.6	2460	709.4	85	0	202	287
11/30/2017	16	1093.6	2480	709.5	85	0	202	287
11/30/2017	17	1093.6	2480	709.4	85	0	202	287
11/30/2017	18	1093.6	2470	709.5	85	0	202	287
11/30/2017	19	1093.6	2470	709.5	85	0	202	287
11/30/2017	20	1093.6	2480	709.4	85	0	201	286
11/30/2017	21	1093.6	2460	709.4	85	0	201	286
11/30/2017	22	1093.6	2450	709.3	85	0	202	287
11/30/2017	23	1093.6	2430	709.0	85	0	200	285
11/30/2017	24	1093.6	2460	708.9	85	0	200	285
12/1/2017	1	1093.6	2470	709.0	85	0	200	285
12/1/2017	2	1093.5	2470	709.1	85	0	200	285
12/1/2017	3	1093.5	2480	709.1	85	0	200	285
12/1/2017	4	1093.5	2480	709.0	85	0	200	285
12/1/2017	5	1093.5	2480	708.9	85	0	199	285
12/1/2017	6	1093.5	2480	709.0	85	0	200	285
12/1/2017	7	1093.5	2470	709.5	85	0	201	286
12/1/2017	8	1093.5	2430	709.4	85	0	172	257
12/1/2017	9	1093.5	2430	709.4	85	0	115	200
12/1/2017	10	1093.5	2440	709.5	85	0	71	156
12/1/2017	11	1093.5	2430	709.7	85	0	23	108
12/1/2017	12	1093.5	2440	709.7	85	0	0	85
12/1/2017	13	1093.5	2450	709.7	85	0	0	85
12/1/2017	14	1093.5	2440	709.6	85	0	0	85
12/1/2017	15	1093.5	2470	709.7	85	0	0	85
12/1/2017	16	1093.5	2470	709.6	85	0	0	85
12/1/2017	17	1093.5	2460	709.6	85	0	0	85
12/1/2017	18	1093.5	2430	710.0	85	0	0	85
12/1/2017	19	1093.5	2430	709.8	85	0	0	85
12/1/2017	20	1093.5	2440	709.9	85	0	0	85
12/1/2017	21	1093.5	2450	709.6	85	0	0	85
12/1/2017	22	1093.5	2440	709.5	85	0	0	85
12/1/2017	23	1093.5	2430	709.4	85	0	0	85
12/1/2017	24	1093.5	2430	709.2	85	0	0	85
12/2/2017	1	1093.5	2420	709.0	85	0	0	85
12/2/2017	2	1093.5	2420	709.0	85	0	0	85
12/2/2017	3	1093.5	2450	709.0	85	0	0	85
12/2/2017	4	1093.5	2460	709.2	85	0	0	85
12/2/2017	5	1093.5	2470	709.2	85	0	0	85
12/2/2017	6	1093.5	2440	709.1	85	0	0	85
12/2/2017	7	1093.5	2440	709.1	85	0	0	85
12/2/2017	8	1093.5	2430	709.0	85	0	0	85
12/2/2017	9	1093.5	2420	709.1	85	0	0	85
12/2/2017	10	1093.5	2440	709.2	85	0	0	85
12/2/2017	11	1093.5	2450	709.3	85	0	0	85
12/2/2017	12	1093.5	2440	709.2	85	0	0	85
12/2/2017	13	1093.5	2440	709.2	85	0	0	85
12/2/2017	14	1093.5	2450	709.1	85	0	0	85
12/2/2017	15	1093.5	2450	709.2	85	0	0	85

12/2/2017	16	1093.5	2470	709.4	85	0	0	85
12/2/2017	17	1093.5	2460	709.3	85	0	0	85
12/2/2017	18	1093.5	2410	709.3	85	0	0	85
12/2/2017	19	1093.5	2420	709.4	85	0	0	85
12/2/2017	20	1093.5	2420	709.2	85	0	0	85
12/2/2017	21	1093.5	2460	709.4	85	0	0	85
12/2/2017	22	1093.5	2450	709.3	85	0	0	85
12/2/2017	23	1093.5	2420	709.3	85	0	0	85
12/2/2017	24	1093.5	2440	709.1	85	0	0	85
12/3/2017	1	1093.5	2450	708.9	85	0	0	85
12/3/2017	2	1093.5	2450	709.0	85	0	0	85
12/3/2017	3	1093.5	2430	709.0	85	0	0	85
12/3/2017	4	1093.5	2460	709.1	85	0	0	85
12/3/2017	5	1093.5	2460	709.2	85	0	0	85
12/3/2017	6	1093.5	2450	709.1	85	0	0	85
12/3/2017	7	1093.5	2450	709.0	85	0	0	85
12/3/2017	8	1093.5	2430	709.1	85	0	0	85
12/3/2017	9	1093.5	2420	709.2	85	0	0	85
12/3/2017	10	1093.5	2440	709.4	85	0	0	85
12/3/2017	11	1093.5	2420	709.4	85	0	0	85
12/3/2017	12	1093.5	2400	709.2	85	0	0	85
12/3/2017	13	1093.5	2440	709.2	85	0	0	85
12/3/2017	14	1093.5	2430	709.2	85	0	0	85
12/3/2017	15	1093.5	2460	709.2	85	0	0	85
12/3/2017	16	1093.5	2470	709.4	85	0	0	85
12/3/2017	17	1093.5	2470	709.5	85	0	0	85
12/3/2017	18	1093.5	2430	709.8	85	0	0	85
12/3/2017	19	1093.5	2450	709.7	85	0	0	85
12/3/2017	20	1093.5	2450	709.9	85	0	0	85
12/3/2017	21	1093.5	2440	709.7	85	0	0	85
12/3/2017	22	1093.5	2420	709.7	85	0	0	85
12/3/2017	23	1093.5	2430	709.6	85	0	0	85
12/3/2017	24	1093.5	2420	709.4	85	0	0	85
12/4/2017	1	1093.5	2450	709.2	85	0	0	85
12/4/2017	2	1093.4	2430	709.1	85	0	0	85
12/4/2017	3	1093.4	2460	709.2	85	0	0	85
12/4/2017	4	1093.5	2450	709.1	85	0	0	85
12/4/2017	5	1093.4	2450	709.3	85	0	0	85
12/4/2017	6	1093.4	2450	709.3	85	0	0	85
12/4/2017	7	1093.4	2470	709.3	85	0	0	85
12/4/2017	8	1093.4	2430	709.5	85	0	0	85
12/4/2017	9	1093.4	2440	709.5	85	0	0	85
12/4/2017	10	1093.4	2450	709.4	85	0	0	85
12/4/2017	11	1093.4	2430	709.5	85	0	0	85
12/4/2017	12	1093.4	2460	709.5	85	0	0	85
12/4/2017	13	1093.4	2450	709.5	85	0	0	85
12/4/2017	14	1093.4	2440	709.7	85	0	0	85
12/4/2017	15	1093.4	2470	709.6	85	0	0	85
12/4/2017	16	1093.4	2480	709.5	85	0	0	85
12/4/2017	17	1093.4	2470	709.5	85	0	0	85
12/4/2017	18	1093.4	2430	709.9	85	0	0	85
12/4/2017	19	1093.4	2440	709.8	85	0	0	85

12/4/2017	20	1093.4	2450	709.8	85	0	0	85
12/4/2017	21	1093.4	2450	709.7	85	0	0	85
12/4/2017	22	1093.4	2440	709.5	85	0	0	85
12/4/2017	23	1093.4	2420	709.2	85	0	0	85
12/4/2017	24	1093.4	2430	709.1	85	0	0	85
12/5/2017	1	1093.4	2430	709.1	85	0	0	85
12/5/2017	2	1093.4	2450	709.2	85	0	0	85
12/5/2017	3	1093.4	2440	709.2	85	0	0	85
12/5/2017	4	1093.4	2440	709.3	85	0	0	85
12/5/2017	5	1093.4	2450	709.5	85	0	0	85
12/5/2017	6	1093.4	2470	709.6	85	0	0	85
12/5/2017	7	1093.4	2470	709.8	85	0	0	85
12/5/2017	8	1093.4	2450	709.8	85	0	0	85
12/5/2017	9	1093.3	2420	709.4	85	0	0	85
12/5/2017	10	1093.3	2430	709.2	85	0	0	85
12/5/2017	11	1093.4	2420	709.2	85	0	0	85
12/5/2017	12	1093.4	2420	709.3	85	0	0	85
12/5/2017	13	1093.3	2460	709.3	85	0	0	85
12/5/2017	14	1093.3	2440	709.4	85	0	0	85
12/5/2017	15	1093.3	2440	709.4	85	0	0	85
12/5/2017	16	1093.4	2460	709.0	85	0	0	85
12/5/2017	17	1093.3	2470	709.1	85	0	0	85
12/5/2017	18	1093.3	2430	709.1	85	0	0	85
12/5/2017	19	1093.3	2440	709.0	85	0	0	85
12/5/2017	20	1093.4	2440	709.0	85	0	0	85
12/5/2017	21	1093.4	2420	709.1	85	0	0	85
12/5/2017	22	1093.3	2410	709.1	85	0	0	85
12/5/2017	23	1093.3	2420	709.1	85	0	0	85
12/5/2017	24	1093.3	2410	709.0	85	0	0	85
12/6/2017	1	1093.3	2430	709.0	85	0	0	85
12/6/2017	2	1093.3	2450	709.0	85	0	0	85
12/6/2017	3	1093.3	2460	709.2	85	0	0	85
12/6/2017	4	1093.3	2460	709.2	85	0	0	85
12/6/2017	5	1093.3	2470	709.1	85	0	0	85
12/6/2017	6	1093.3	2460	709.1	85	0	0	85
12/6/2017	7	1093.3	2450	709.2	85	0	0	85
12/6/2017	8	1093.3	2440	709.4	85	0	0	85
12/6/2017	9	1093.3	2400	709.3	85	0	0	85
12/6/2017	10	1093.3	2450	709.4	85	0	0	85
12/6/2017	11	1093.3	2430	709.3	85	0	0	85
12/6/2017	12	1093.3	2450	709.3	85	0	0	85
12/6/2017	13	1093.3	2460	709.0	85	0	0	85
12/6/2017	14	1093.3	2440	709.0	85	0	0	85
12/6/2017	15	1093.3	2470	709.0	85	0	0	85
12/6/2017	16	1093.3	2480	709.0	85	0	0	85
12/6/2017	17	1093.3	2460	708.9	85	0	0	85
12/6/2017	18	1093.3	2450	709.0	85	0	0	85
12/6/2017	19	1093.3	2440	709.1	85	0	0	85
12/6/2017	20	1093.3	2460	709.3	85	0	0	85
12/6/2017	21	1093.3	2440	709.3	85	0	0	85
12/6/2017	22	1093.3	2420	709.1	85	0	0	85
12/6/2017	23	1093.3	2430	708.9	85	0	0	85

12/6/2017	24	1093.3	2450	708.8	85	0	0	85
12/7/2017	1	1093.3	2450	708.8	85	0	0	85
12/7/2017	2	1093.2	2460	708.8	85	0	0	85
12/7/2017	3	1093.3	2450	708.8	85	0	0	85
12/7/2017	4	1093.2	2460	708.8	85	0	0	85
12/7/2017	5	1093.2	2450	708.8	85	0	0	85
12/7/2017	6	1093.2	2460	708.8	85	0	0	85
12/7/2017	7	1093.2	2450	708.8	85	0	0	85
12/7/2017	8	1093.2	2410	708.9	85	0	0	85
12/7/2017	9	1093.2	2400	708.9	85	0	0	85
12/7/2017	10	1093.2	2450	709.0	85	0	0	85
12/7/2017	11	1093.2	2450	709.0	85	0	0	85
12/7/2017	12	1093.2	2430	708.9	85	0	0	85
12/7/2017	13	1093.2	2460	708.9	85	0	0	85
12/7/2017	14	1093.2	2460	708.8	85	0	0	85
12/7/2017	15	1093.2	2470	708.8	85	0	0	85
12/7/2017	16	1093.2	2470	708.8	85	0	0	85
12/7/2017	17	1093.2	2470	708.8	85	0	0	85
12/7/2017	18	1093.2	2410	708.8	85	0	0	85
12/7/2017	19	1093.2	2430	708.9	85	0	0	85
12/7/2017	20	1093.2	2420	708.9	85	0	0	85
12/7/2017	21	1093.2	2430	708.9	85	0	0	85
12/7/2017	22	1093.2	2420	708.9	85	0	0	85
12/7/2017	23	1093.2	2420	708.9	85	0	0	85
12/7/2017	24	1093.2	2420	708.8	85	0	0	85
12/8/2017	1	1093.2	2430	708.9	85	0	0	85
12/8/2017	2	1093.2	2420	708.9	85	0	0	85
12/8/2017	3	1093.1	2440	709.0	85	0	0	85
12/8/2017	4	1093.2	2460	709.0	85	0	0	85
12/8/2017	5	1093.2	2460	709.1	85	0	0	85
12/8/2017	6	1093.1	2470	709.0	85	0	0	85
12/8/2017	7	1093.1	2450	709.1	85	0	0	85
12/8/2017	8	1093.2	2430	709.4	85	0	0	85
12/8/2017	9	1093.1	2420	709.3	85	0	0	85
12/8/2017	10	1093.1	2430	709.4	85	0	0	85
12/8/2017	11	1093.1	2450	709.3	85	0	0	85
12/8/2017	12	1093.1	2440	709.3	85	0	0	85
12/8/2017	13	1093.1	2440	709.3	85	0	0	85
12/8/2017	14	1093.1	2450	709.4	85	0	0	85
12/8/2017	15	1093.1	2460	709.4	85	0	0	85
12/8/2017	16	1093.1	2470	709.4	85	0	0	85
12/8/2017	17	1093.1	2450	709.3	85	0	0	85
12/8/2017	18	1093.1	2420	709.4	85	0	0	85
12/8/2017	19	1093.1	2430	709.5	85	0	0	85
12/8/2017	20	1093.1	2440	709.6	85	0	0	85
12/8/2017	21	1093.1	2430	709.2	85	0	0	85
12/8/2017	22	1093.1	2420	709.2	85	0	0	85
12/8/2017	23	1093.1	2410	709.2	85	0	0	85
12/8/2017	24	1093.1	2420	709.1	85	0	0	85
12/9/2017	1	1093.1	2430	708.9	85	0	0	85
12/9/2017	2	1093.1	2430	708.9	85	0	0	85
12/9/2017	3	1093.1	2440	708.9	85	0	0	85

12/9/2017	4	1093.1	2440	708.9	85	0	0	85
12/9/2017	5	1093.1	2450	708.9	85	0	0	85
12/9/2017	6	1093.0	2460	709.0	85	0	0	85
12/9/2017	7	1093.0	2440	709.1	85	0	0	85
12/9/2017	8	1093.0	2440	709.2	85	0	0	85
12/9/2017	9	1093.0	2420	709.4	85	0	0	85
12/9/2017	10	1093.0	2420	709.2	85	0	0	85
12/9/2017	11	1093.0	2410	709.1	85	0	0	85
12/9/2017	12	1093.0	2440	709.2	85	0	0	85
12/9/2017	13	1093.0	2430	709.2	85	0	0	85
12/9/2017	14	1093.0	2450	709.3	85	0	0	85
12/9/2017	15	1093.0	2470	709.4	85	0	0	85
12/9/2017	16	1093.0	2470	709.5	85	0	0	85
12/9/2017	17	1093.0	2470	709.6	85	0	0	85
12/9/2017	18	1093.0	2430	709.6	85	0	0	85
12/9/2017	19	1093.0	2440	709.7	85	0	0	85
12/9/2017	20	1093.0	2450	709.7	85	0	0	85
12/9/2017	21	1093.0	2450	709.6	85	0	0	85
12/9/2017	22	1093.0	2440	709.6	85	0	0	85
12/9/2017	23	1093.0	2440	709.7	85	0	0	85
12/9/2017	24	1093.0	2430	709.7	85	0	0	85
12/10/2017	1	1093.0	2450	709.7	85	0	0	85
12/10/2017	2	1093.0	2440	709.3	85	0	0	85
12/10/2017	3	1093.0	2450	709.3	85	0	0	85
12/10/2017	4	1093.0	2460	709.3	85	0	0	85
12/10/2017	5	1093.0	2460	709.3	85	0	0	85
12/10/2017	6	1093.0	2460	709.3	85	0	0	85
12/10/2017	7	1093.0	2460	709.1	85	0	0	85
12/10/2017	8	1093.0	2450	709.1	85	0	0	85
12/10/2017	9	1093.0	2440	709.2	85	0	0	85
12/10/2017	10	1093.0	2430	709.3	85	0	0	85
12/10/2017	11	1093.0	2410	709.2	85	0	0	85
12/10/2017	12	1092.9	2450	709.1	85	0	0	85
12/10/2017	13	1093.0	2420	709.1	85	0	0	85
12/10/2017	14	1093.0	2450	709.2	85	0	0	85
12/10/2017	15	1092.9	2450	709.2	85	0	0	85
12/10/2017	16	1093.0	2440	709.2	85	0	0	85
12/10/2017	17	1093.0	2460	709.3	85	0	0	85
12/10/2017	18	1093.0	2430	709.5	85	0	0	85
12/10/2017	19	1092.9	2440	709.6	85	0	0	85
12/10/2017	20	1092.9	2440	709.3	85	0	0	85
12/10/2017	21	1092.9	2420	709.3	85	0	0	85
12/10/2017	22	1092.9	2410	709.1	85	0	0	85
12/10/2017	23	1092.9	2440	709.0	85	0	0	85
12/10/2017	24	1092.9	2440	709.0	85	0	0	85
12/11/2017	1	1092.9	2450	709.0	85	0	0	85
12/11/2017	2	1092.9	2450	708.9	85	0	0	85
12/11/2017	3	1092.9	2460	708.9	85	0	0	85
12/11/2017	4	1092.9	2470	708.9	85	0	0	85
12/11/2017	5	1092.9	2470	709.0	85	0	0	85
12/11/2017	6	1092.9	2460	708.9	85	0	0	85
12/11/2017	7	1092.9	2460	709.0	85	0	0	85

12/11/2017	8	1092.9	2430	709.2	85	0	0	85
12/11/2017	9	1092.9	2420	709.1	85	0	0	85
12/11/2017	10	1092.9	2420	709.1	85	0	0	85
12/11/2017	11	1092.9	2420	709.1	85	0	0	85
12/11/2017	12	1092.9	2430	709.1	85	0	0	85
12/11/2017	13	1092.9	2440	709.3	85	0	0	85
12/11/2017	14	1092.9	2440	709.1	85	0	0	85
12/11/2017	15	1092.9	2450	709.3	85	0	0	85
12/11/2017	16	1092.9	2470	709.1	85	0	0	85
12/11/2017	17	1092.9	2450	709.2	85	0	0	85
12/11/2017	18	1092.9	2440	709.6	85	0	0	85
12/11/2017	19	1092.9	2430	709.5	85	0	0	85
12/11/2017	20	1092.8	2440	709.5	85	0	0	85
12/11/2017	21	1092.8	2440	709.2	85	0	0	85
12/11/2017	22	1092.9	2420	709.2	85	0	0	85
12/11/2017	23	1092.8	2400	709.1	85	0	0	85
12/11/2017	24	1092.8	2420	709.1	85	0	0	85
12/12/2017	1	1092.8	2440	709.0	85	0	0	85
12/12/2017	2	1092.8	2430	709.1	85	0	0	85
12/12/2017	3	1092.8	2450	709.1	85	0	0	85
12/12/2017	4	1092.8	2450	709.0	85	0	0	85
12/12/2017	5	1092.8	2450	709.0	85	0	0	85
12/12/2017	6	1092.8	2470	709.0	85	0	0	85
12/12/2017	7	1092.8	2450	709.1	85	0	0	85
12/12/2017	8	1092.8	2410	709.3	85	0	0	85
12/12/2017	9	1092.8	2420	709.0	85	0	0	85
12/12/2017	10	1092.8	2430	708.9	85	0	0	85
12/12/2017	11	1092.8	2420	708.9	85	0	0	85
12/12/2017	12	1092.8	2450	709.0	85	0	0	85
12/12/2017	13	1092.8	2440	709.3	85	0	0	85
12/12/2017	14	1092.8	2430	709.2	85	0	0	85
12/12/2017	15	1092.8	2450	709.3	85	0	0	85
12/12/2017	16	1092.8	2460	709.3	85	0	0	85
12/12/2017	17	1092.8	2460	709.0	85	0	0	85
12/12/2017	18	1092.8	2420	709.1	85	0	0	85
12/12/2017	19	1092.8	2410	709.2	85	0	0	85
12/12/2017	20	1092.8	2410	709.2	85	0	0	85
12/12/2017	21	1092.8	2440	709.4	85	0	0	85
12/12/2017	22	1092.7	2420	709.3	85	0	0	85
12/12/2017	23	1092.8	2420	709.1	85	0	0	85
12/12/2017	24	1092.7	2420	709.1	85	0	0	85
12/13/2017	1	1092.7	2440	708.9	85	0	0	85
12/13/2017	2	1092.7	2450	708.9	85	0	0	85
12/13/2017	3	1092.7	2450	709.0	85	0	0	85
12/13/2017	4	1092.7	2450	709.1	85	0	0	85
12/13/2017	5	1092.7	2460	708.9	85	0	0	85
12/13/2017	6	1092.8	2460	708.9	85	0	0	85
12/13/2017	7	1092.7	2440	708.9	85	0	0	85
12/13/2017	8	1092.7	2420	709.2	85	0	0	85
12/13/2017	9	1092.7	2400	708.9	85	0	0	85
12/13/2017	10	1092.7	2430	708.8	85	0	0	85
12/13/2017	11	1092.7	2430	708.9	85	0	0	85

12/13/2017	12	1092.7	2440	708.9	85	0	0	85
12/13/2017	13	1092.7	2430	709.0	85	0	0	85
12/13/2017	14	1092.7	2450	708.9	85	0	0	85
12/13/2017	15	1092.7	2460	708.9	85	0	0	85
12/13/2017	16	1092.7	2460	708.9	85	0	0	85
12/13/2017	17	1092.7	2370	708.9	85	0	0	85
12/13/2017	18	1092.7	2080	708.9	85	0	0	85
12/13/2017	19	1092.7	2050	708.9	85	0	0	85
12/13/2017	20	1092.7	2070	708.8	85	0	0	85
12/13/2017	21	1092.7	2070	708.9	85	0	0	85
12/13/2017	22	1092.7	2060	709.0	85	0	0	85
12/13/2017	23	1092.7	2060	708.8	85	0	0	85
12/13/2017	24	1092.6	2060	708.6	85	0	0	85
12/14/2017	1	1092.6	2080	708.7	85	0	0	85
12/14/2017	2	1092.7	2070	708.7	85	0	0	85
12/14/2017	3	1092.7	2090	708.7	85	0	0	85
12/14/2017	4	1092.6	2080	708.5	85	0	0	85
12/14/2017	5	1092.6	2090	708.5	85	0	0	85
12/14/2017	6	1092.7	2090	708.6	85	0	0	85
12/14/2017	7	1092.7	2090	708.6	85	0	0	85
12/14/2017	8	1092.6	2460	708.9	85	0	0	85
12/14/2017	9	1092.6	2420	709.1	85	0	0	85
12/14/2017	10	1092.6	2450	709.0	85	0	0	85
12/14/2017	11	1092.6	2470	708.9	85	0	0	85
12/14/2017	12	1092.6	2490	708.9	84	0	0	84
12/14/2017	13	1092.6	2490	708.9	84	0	0	84
12/14/2017	14	1092.6	2490	709.0	84	0	0	84
12/14/2017	15	1092.6	2500	708.9	84	0	0	84
12/14/2017	16	1092.6	2500	709.0	84	0	0	84
12/14/2017	17	1092.6	2500	709.0	84	0	0	84
12/14/2017	18	1092.6	2500	709.1	85	0	0	85
12/14/2017	19	1092.6	2490	709.3	84	0	0	84
12/14/2017	20	1092.6	2490	709.4	85	0	0	85
12/14/2017	21	1092.6	2490	709.2	85	0	0	85
12/14/2017	22	1092.6	2480	709.1	85	0	0	85
12/14/2017	23	1092.6	2480	709.1	85	0	0	85
12/14/2017	24	1092.6	2490	708.9	84	0	0	84
12/15/2017	1	1092.6	2500	708.9	84	0	0	84
12/15/2017	2	1092.6	2490	709.0	85	0	0	85
12/15/2017	3	1092.5	2490	709.0	84	0	0	84
12/15/2017	4	1092.5	2500	709.0	84	0	0	84
12/15/2017	5	1092.5	2500	709.0	85	0	0	85
12/15/2017	6	1092.6	2490	709.0	84	0	0	84
12/15/2017	7	1092.5	2490	708.9	84	0	0	84
12/15/2017	8	1092.5	2480	709.2	84	0	0	84
12/15/2017	9	1092.5	2480	709.2	85	0	0	85
12/15/2017	10	1092.6	2490	709.1	85	0	0	85
12/15/2017	11	1092.5	2490	709.1	85	0	0	85
12/15/2017	12	1092.5	2490	709.1	84	0	0	84
12/15/2017	13	1092.5	2490	709.1	85	0	0	85
12/15/2017	14	1092.5	2490	709.2	84	0	0	84
12/15/2017	15	1092.5	2500	709.2	84	0	0	84

12/15/2017	16	1092.5	2500	709.2	84	0	0	84
12/15/2017	17	1092.5	2500	709.4	84	0	0	84
12/15/2017	18	1092.5	2480	709.3	84	0	0	84
12/15/2017	19	1092.5	2480	709.2	84	0	0	84
12/15/2017	20	1092.5	2490	709.1	84	0	0	84
12/15/2017	21	1092.5	2490	709.1	84	0	0	84
12/15/2017	22	1092.5	2490	709.1	84	0	0	84
12/15/2017	23	1092.5	2480	709.1	85	0	0	85
12/15/2017	24	1092.5	2480	709.2	85	0	0	85
12/16/2017	1	1092.5	2500	709.3	84	0	0	84
12/16/2017	2	1092.5	2490	709.4	84	0	0	84
12/16/2017	3	1092.5	2490	709.5	84	0	0	84
12/16/2017	4	1092.4	2500	709.3	84	0	0	84
12/16/2017	5	1092.4	2480	709.4	84	0	0	84
12/16/2017	6	1092.5	2490	709.5	84	0	0	84
12/16/2017	7	1092.4	2490	709.5	84	0	0	84
12/16/2017	8	1092.4	2500	709.5	84	0	0	84
12/16/2017	9	1092.4	2500	709.6	84	0	0	84
12/16/2017	10	1092.4	2500	709.8	84	0	0	84
12/16/2017	11	1092.4	2490	709.7	84	0	0	84
12/16/2017	12	1092.4	2480	709.8	84	0	0	84
12/16/2017	13	1092.4	2500	709.7	84	0	0	84
12/16/2017	14	1092.4	2490	709.6	84	0	0	84
12/16/2017	15	1092.4	2490	709.6	84	0	0	84
12/16/2017	16	1092.4	2500	709.7	84	0	0	84
12/16/2017	17	1092.4	2500	709.7	84	0	0	84
12/16/2017	18	1092.4	2490	709.9	84	0	0	84
12/16/2017	19	1092.4	2500	709.8	84	0	0	84
12/16/2017	20	1092.4	2500	709.8	84	0	0	84
12/16/2017	21	1092.4	2500	709.5	84	0	0	84
12/16/2017	22	1092.4	2490	709.5	84	0	0	84
12/16/2017	23	1092.4	2470	709.3	84	0	0	84
12/16/2017	24	1092.3	2470	709.2	84	0	0	84
12/17/2017	1	1092.4	2470	709.3	84	0	0	84
12/17/2017	2	1092.4	2470	709.2	84	0	0	84
12/17/2017	3	1092.3	2470	709.2	84	0	0	84
12/17/2017	4	1092.3	2490	709.1	84	0	0	84
12/17/2017	5	1092.3	2480	709.0	84	0	0	84
12/17/2017	6	1092.4	2490	708.9	84	0	0	84
12/17/2017	7	1092.3	2480	708.9	84	0	0	84
12/17/2017	8	1092.3	2470	709.0	84	0	0	84
12/17/2017	9	1092.3	2460	709.0	84	0	0	84
12/17/2017	10	1092.4	2460	708.9	84	0	0	84
12/17/2017	11	1092.3	2450	708.8	84	0	0	84
12/17/2017	12	1092.3	2470	708.8	84	0	0	84
12/17/2017	13	1092.3	2470	708.8	84	0	0	84
12/17/2017	14	1092.3	2480	708.8	84	0	0	84
12/17/2017	15	1092.3	2470	708.9	84	0	0	84
12/17/2017	16	1092.3	2480	708.9	84	0	0	84
12/17/2017	17	1092.3	2470	708.9	84	0	0	84
12/17/2017	18	1092.3	2460	708.9	84	0	0	84
12/17/2017	19	1092.3	2470	708.8	84	0	0	84



12/17/2017	20	1092.3	2470	708.9	84	0	0	84
12/17/2017	21	1092.3	2470	708.9	84	0	0	84
12/17/2017	22	1092.3	2460	708.9	84	0	0	84
12/17/2017	23	1092.3	2470	708.9	84	0	0	84
12/17/2017	24	1092.3	2470	708.9	84	0	0	84
12/18/2017	1	1092.3	2480	708.9	84	0	0	84
12/18/2017	2	1092.3	2470	708.9	84	0	0	84
12/18/2017	3	1092.3	2480	708.8	84	0	0	84
12/18/2017	4	1092.2	2490	708.9	84	0	0	84
12/18/2017	5	1092.3	2480	709.0	84	0	0	84
12/18/2017	6	1092.3	2480	708.9	84	0	0	84
12/18/2017	7	1092.2	2460	708.9	84	0	0	84
12/18/2017	8	1092.2	2450	709.1	84	0	0	84
12/18/2017	9	1092.3	2460	709.1	85	0	0	85
12/18/2017	10	1092.3	2480	709.0	85	0	0	85
12/18/2017	11	1092.2	2470	708.9	85	0	0	85
12/18/2017	12	1092.2	2470	709.2	85	0	0	85
12/18/2017	13	1092.2	2480	709.3	85	0	0	85
12/18/2017	14	1092.3	2470	709.4	85	0	0	85
12/18/2017	15	1092.2	2480	709.4	85	0	0	85
12/18/2017	16	1092.2	2490	709.4	84	0	0	84
12/18/2017	17	1092.2	2490	709.5	85	0	0	85
12/18/2017	18	1092.2	2470	709.2	84	0	0	84
12/18/2017	19	1092.2	2470	709.4	84	0	0	84
12/18/2017	20	1092.2	2470	709.5	84	0	0	84
12/18/2017	21	1092.2	2470	709.1	85	0	0	85
12/18/2017	22	1092.2	2470	709.1	85	0	0	85
12/18/2017	23	1092.2	2480	709.0	84	0	0	84
12/18/2017	24	1092.2	2460	708.9	84	0	0	84
12/19/2017	1	1092.2	2480	708.9	84	0	0	84
12/19/2017	2	1092.2	2480	709.0	85	0	0	85
12/19/2017	3	1092.2	2480	709.0	84	0	0	84
12/19/2017	4	1092.2	2480	709.0	84	0	0	84
12/19/2017	5	1092.2	2480	709.0	84	0	0	84
12/19/2017	6	1092.2	2480	708.9	84	0	0	84
12/19/2017	7	1092.2	2480	708.9	84	0	0	84
12/19/2017	8	1092.2	2450	708.8	84	0	0	84
12/19/2017	9	1092.2	2450	708.8	84	0	0	84
12/19/2017	10	1092.2	2480	708.8	84	0	0	84
12/19/2017	11	1092.2	2480	708.8	84	0	0	84
12/19/2017	12	1092.2	2470	708.8	84	0	0	84
12/19/2017	13	1092.2	2470	708.8	84	0	0	84
12/19/2017	14	1092.2	2470	708.8	84	0	0	84
12/19/2017	15	1092.2	2480	708.9	84	0	0	84
12/19/2017	16	1092.2	2480	708.9	85	0	0	85
12/19/2017	17	1092.2	2480	708.9	84	0	0	84
12/19/2017	18	1092.2	2460	708.9	84	0	0	84
12/19/2017	19	1092.2	2470	709.0	84	0	0	84
12/19/2017	20	1092.2	2480	709.0	84	0	0	84
12/19/2017	21	1092.2	2460	708.9	84	0	0	84
12/19/2017	22	1092.2	2470	708.9	84	0	0	84
12/19/2017	23	1092.2	2470	708.9	85	0	0	85

12/19/2017	24	1092.2	2470	709.0	84	0	0	84
12/20/2017	1	1092.2	2470	709.0	85	0	0	85
12/20/2017	2	1092.2	2470	709.0	84	0	0	84
12/20/2017	3	1092.2	2470	709.1	85	0	0	85
12/20/2017	4	1092.1	2480	709.1	84	0	0	84
12/20/2017	5	1092.2	2480	709.2	84	0	0	84
12/20/2017	6	1092.2	2480	709.2	84	0	0	84
12/20/2017	7	1092.2	2480	709.3	84	0	0	84
12/20/2017	8	1092.1	2470	709.3	84	0	0	84
12/20/2017	9	1092.2	2470	709.3	84	0	0	84
12/20/2017	10	1092.2	2460	709.4	84	0	0	84
12/20/2017	11	1092.2	2470	709.4	84	0	0	84
12/20/2017	12	1092.1	2480	709.5	85	0	0	85
12/20/2017	13	1092.1	2470	709.3	85	0	0	85
12/20/2017	14	1092.1	2480	709.5	85	0	0	85
12/20/2017	15	1092.1	2460	709.4	85	0	0	85
12/20/2017	16	1092.1	2490	709.1	85	0	0	85
12/20/2017	17	1092.1	2480	709.0	85	0	0	85
12/20/2017	18	1092.1	2470	709.1	85	0	0	85
12/20/2017	19	1092.1	2470	709.2	85	0	0	85
12/20/2017	20	1092.1	2470	709.1	85	0	0	85
12/20/2017	21	1092.1	2460	708.9	85	0	0	85
12/20/2017	22	1092.1	2460	708.8	85	0	0	85
12/20/2017	23	1092.1	2450	708.8	85	0	0	85
12/20/2017	24	1092.1	2460	708.7	85	0	0	85
12/21/2017	1	1092.1	2470	708.8	85	0	0	85
12/21/2017	2	1092.1	2470	708.8	85	0	0	85
12/21/2017	3	1092.1	2480	708.8	85	0	0	85
12/21/2017	4	1092.1	2470	708.8	85	0	0	85
12/21/2017	5	1092.1	2480	708.8	85	0	0	85
12/21/2017	6	1092.1	2480	708.8	85	0	0	85
12/21/2017	7	1092.1	2470	709.0	85	0	0	85
12/21/2017	8	1092.0	2470	709.2	85	0	0	85
12/21/2017	9	1092.0	2450	709.2	85	0	0	85
12/21/2017	10	1092.1	2460	709.2	85	0	0	85
12/21/2017	11	1092.1	2460	709.0	85	0	0	85
12/21/2017	12	1092.0	2460	709.0	85	0	0	85
12/21/2017	13	1092.0	2460	709.2	85	0	0	85
12/21/2017	14	1092.0	2480	709.4	85	0	0	85
12/21/2017	15	1092.0	2480	709.2	85	0	0	85
12/21/2017	16	1092.0	2490	709.2	85	0	0	85
12/21/2017	17	1092.0	2470	709.2	85	0	0	85
12/21/2017	18	1092.0	2460	709.3	85	0	0	85
12/21/2017	19	1092.0	2460	709.3	85	0	0	85
12/21/2017	20	1092.0	2470	709.4	85	0	0	85
12/21/2017	21	1092.0	2470	709.2	85	0	0	85
12/21/2017	22	1092.0	2470	709.3	85	0	0	85
12/21/2017	23	1092.0	2470	709.3	85	0	0	85
12/21/2017	24	1092.0	2470	709.3	85	0	0	85
12/22/2017	1	1092.0	2480	709.1	85	0	0	85
12/22/2017	2	1092.0	2470	709.2	85	0	0	85
12/22/2017	3	1092.0	2480	709.1	85	0	0	85

12/22/2017	4	1091.9	2480	709.1	85	0	0	85
12/22/2017	5	1091.9	2480	709.1	85	0	0	85
12/22/2017	6	1092.0	2480	709.1	85	0	0	85
12/22/2017	7	1092.0	2480	709.3	85	0	0	85
12/22/2017	8	1091.9	2480	709.3	85	0	0	85
12/22/2017	9	1091.9	2470	709.4	85	0	0	85
12/22/2017	10	1092.0	2460	709.3	85	0	0	85
12/22/2017	11	1092.0	2470	709.5	85	0	0	85
12/22/2017	12	1091.9	2490	709.4	85	0	0	85
12/22/2017	13	1091.9	2490	709.5	85	0	0	85
12/22/2017	14	1092.0	2490	709.6	85	0	0	85
12/22/2017	15	1092.0	2500	709.6	85	0	0	85
12/22/2017	16	1091.9	2500	709.6	85	0	0	85
12/22/2017	17	1091.9	2500	709.6	85	0	0	85
12/22/2017	18	1091.9	2490	709.6	85	0	0	85
12/22/2017	19	1091.9	2490	709.7	85	0	0	85
12/22/2017	20	1091.9	2490	709.7	85	0	0	85
12/22/2017	21	1091.9	2490	709.6	85	0	0	85
12/22/2017	22	1091.9	2490	709.5	85	0	0	85
12/22/2017	23	1091.9	2490	709.4	85	0	0	85
12/22/2017	24	1091.9	2490	709.2	85	0	0	85
12/23/2017	1	1091.9	2490	709.2	85	0	0	85
12/23/2017	2	1091.9	2500	709.0	85	0	0	85
12/23/2017	3	1091.9	2490	709.1	85	0	0	85
12/23/2017	4	1091.9	2490	709.1	85	0	0	85
12/23/2017	5	1091.9	2490	709.1	85	0	0	85
12/23/2017	6	1091.9	2500	709.1	85	0	0	85
12/23/2017	7	1091.9	2500	709.2	85	0	0	85
12/23/2017	8	1091.9	2500	709.3	85	0	0	85
12/23/2017	9	1091.9	2490	709.4	85	0	0	85
12/23/2017	10	1091.9	2480	709.4	85	0	0	85
12/23/2017	11	1091.9	2490	709.3	85	0	0	85
12/23/2017	12	1091.8	2490	709.6	85	0	0	85
12/23/2017	13	1091.8	2490	709.7	85	0	0	85
12/23/2017	14	1091.8	2490	709.7	85	0	0	85
12/23/2017	15	1091.8	2500	709.8	85	0	0	85
12/23/2017	16	1091.8	2500	709.8	85	0	0	85
12/23/2017	17	1091.8	2500	709.8	85	0	0	85
12/23/2017	18	1091.8	2500	710.0	85	0	0	85
12/23/2017	19	1091.8	2500	710.0	85	0	0	85
12/23/2017	20	1091.8	2500	709.9	85	0	0	85
12/23/2017	21	1091.8	2490	709.7	85	0	0	85
12/23/2017	22	1091.8	2490	709.7	85	0	0	85
12/23/2017	23	1091.8	2500	709.6	85	0	0	85
12/23/2017	24	1091.8	2490	709.2	85	0	0	85
12/24/2017	1	1091.8	2490	709.2	85	0	0	85
12/24/2017	2	1091.8	2500	709.1	85	0	0	85
12/24/2017	3	1091.8	2490	709.0	85	0	0	85
12/24/2017	4	1091.8	2490	708.9	85	0	0	85
12/24/2017	5	1091.8	2500	708.9	85	0	0	85
12/24/2017	6	1091.8	2500	708.9	85	0	0	85
12/24/2017	7	1091.7	2490	708.9	85	0	0	85

12/24/2017	8	1091.7	2490	708.9	85	0	0	85
12/24/2017	9	1091.7	2490	708.9	85	0	0	85
12/24/2017	10	1091.8	2490	709.0	85	0	0	85
12/24/2017	11	1091.7	2490	709.1	85	0	0	85
12/24/2017	12	1091.7	2490	709.1	85	0	0	85
12/24/2017	13	1091.7	2490	709.0	85	0	0	85
12/24/2017	14	1091.7	2500	709.1	85	0	0	85
12/24/2017	15	1091.7	2490	709.3	85	0	0	85
12/24/2017	16	1091.7	2500	709.3	85	0	0	85
12/24/2017	17	1091.7	2490	709.2	85	0	0	85
12/24/2017	18	1091.7	2480	709.1	85	0	0	85
12/24/2017	19	1091.7	2490	709.0	85	0	0	85
12/24/2017	20	1091.7	2490	709.0	85	0	0	85
12/24/2017	21	1091.7	2490	709.0	85	0	0	85
12/24/2017	22	1091.7	2490	709.1	85	0	0	85
12/24/2017	23	1091.7	2490	709.2	85	0	0	85
12/24/2017	24	1091.7	2490	709.1	85	0	0	85
12/25/2017	1	1091.6	2490	709.1	85	0	0	85
12/25/2017	2	1091.7	2490	709.2	85	0	0	85
12/25/2017	3	1091.7	2490	709.2	85	0	0	85
12/25/2017	4	1091.6	2490	709.2	85	0	0	85
12/25/2017	5	1091.6	2500	709.1	85	0	0	85
12/25/2017	6	1091.7	2490	709.2	85	0	0	85
12/25/2017	7	1091.6	2500	709.1	85	0	0	85
12/25/2017	8	1091.6	2490	709.1	85	0	0	85
12/25/2017	9	1091.6	2490	709.1	85	0	0	85
12/25/2017	10	1091.6	2490	709.2	85	0	0	85
12/25/2017	11	1091.6	2490	709.3	85	0	0	85
12/25/2017	12	1091.6	2490	709.2	85	0	0	85
12/25/2017	13	1091.6	2490	709.1	85	0	0	85
12/25/2017	14	1091.6	2500	709.2	85	0	0	85
12/25/2017	15	1091.6	2490	709.2	85	0	0	85
12/25/2017	16	1091.6	2500	709.2	85	0	0	85
12/25/2017	17	1091.6	2500	709.1	85	0	0	85
12/25/2017	18	1091.6	2480	709.2	85	0	0	85
12/25/2017	19	1091.6	2490	709.2	85	0	0	85
12/25/2017	20	1091.6	2490	709.4	85	0	0	85
12/25/2017	21	1091.6	2490	709.3	85	0	0	85
12/25/2017	22	1091.5	2490	709.1	85	0	0	85
12/25/2017	23	1091.6	2490	709.0	85	0	0	85
12/25/2017	24	1091.6	2490	708.9	85	0	0	85
12/26/2017	1	1091.5	2500	708.8	85	0	0	85
12/26/2017	2	1091.5	2500	708.9	85	0	0	85
12/26/2017	3	1091.5	2500	709.0	85	0	0	85
12/26/2017	4	1091.5	2500	709.1	85	0	0	85
12/26/2017	5	1091.5	2500	709.2	85	0	0	85
12/26/2017	6	1091.5	2490	708.9	85	0	0	85
12/26/2017	7	1091.5	2500	708.9	85	0	0	85
12/26/2017	8	1091.5	2500	709.1	85	0	0	85
12/26/2017	9	1091.5	2490	709.2	85	0	0	85
12/26/2017	10	1091.5	2490	709.1	85	0	0	85
12/26/2017	11	1091.5	2490	709.2	85	0	0	85

12/26/2017	12	1091.5	2500	709.2	85	0	0	85
12/26/2017	13	1091.5	2490	709.2	85	0	0	85
12/26/2017	14	1091.5	2490	709.3	85	0	0	85
12/26/2017	15	1091.5	2500	709.1	85	0	0	85
12/26/2017	16	1091.5	2500	709.1	85	0	0	85
12/26/2017	17	1091.5	2500	709.2	85	0	0	85
12/26/2017	18	1091.5	2490	709.2	85	0	0	85
12/26/2017	19	1091.5	2490	709.2	85	0	0	85
12/26/2017	20	1091.5	2490	709.1	85	0	0	85
12/26/2017	21	1091.5	2490	709.0	85	0	0	85
12/26/2017	22	1091.5	2490	709.0	85	0	0	85
12/26/2017	23	1091.5	2490	708.9	85	0	0	85
12/26/2017	24	1091.5	2490	708.9	85	0	0	85
12/27/2017	1	1091.4	2490	708.9	85	0	0	85
12/27/2017	2	1091.5	2500	709.0	85	0	0	85
12/27/2017	3	1091.5	2490	709.0	85	0	0	85
12/27/2017	4	1091.5	2490	709.1	85	0	0	85
12/27/2017	5	1091.4	2490	709.0	85	0	0	85
12/27/2017	6	1091.4	2500	709.0	85	0	0	85
12/27/2017	7	1091.4	2490	709.0	85	0	0	85
12/27/2017	8	1091.4	2490	709.0	85	0	0	85
12/27/2017	9	1091.4	2490	708.9	85	0	0	85
12/27/2017	10	1091.4	2490	708.8	85	0	0	85
12/27/2017	11	1091.4	2490	708.8	85	0	0	85
12/27/2017	12	1091.4	2490	708.9	85	0	0	85
12/27/2017	13	1091.4	2490	708.9	85	0	0	85
12/27/2017	14	1091.4	2490	709.0	85	0	0	85
12/27/2017	15	1091.4	2490	709.0	85	0	0	85
12/27/2017	16	1091.4	2500	709.0	85	0	0	85
12/27/2017	17	1091.4	2490	709.0	85	0	0	85
12/27/2017	18	1091.4	2490	709.0	85	0	0	85
12/27/2017	19	1091.4	2490	708.9	85	0	0	85
12/27/2017	20	1091.4	2490	708.8	85	0	0	85
12/27/2017	21	1091.3	2490	708.9	85	0	0	85
12/27/2017	22	1091.3	2480	708.9	85	0	0	85
12/27/2017	23	1091.3	2480	709.0	85	0	0	85
12/27/2017	24	1091.3	2490	709.1	85	0	0	85
12/28/2017	1	1091.3	2490	709.1	85	0	0	85
12/28/2017	2	1091.3	2490	708.8	85	0	0	85
12/28/2017	3	1091.3	2490	708.9	85	0	0	85
12/28/2017	4	1091.3	2490	708.9	85	0	0	85
12/28/2017	5	1091.3	2490	708.9	85	0	0	85
12/28/2017	6	1091.3	2500	708.8	85	0	0	85
12/28/2017	7	1091.3	2490	708.8	85	0	0	85
12/28/2017	8	1091.3	2490	708.9	85	0	0	85
12/28/2017	9	1091.3	2480	708.8	85	0	0	85
12/28/2017	10	1091.3	2480	708.8	85	0	0	85
12/28/2017	11	1091.3	2490	708.8	85	0	0	85
12/28/2017	12	1091.3	2490	708.9	85	0	0	85
12/28/2017	13	1091.3	2480	709.0	85	0	0	85
12/28/2017	14	1091.3	2480	709.1	85	0	0	85
12/28/2017	15	1091.3	2480	709.1	85	0	0	85

12/28/2017	16	1091.3	2500	709.2	85	0	0	85
12/28/2017	17	1091.3	2490	709.3	85	0	0	85
12/28/2017	18	1091.3	2480	709.4	85	0	0	85
12/28/2017	19	1091.3	2490	709.2	85	0	0	85
12/28/2017	20	1091.2	2480	709.1	85	0	0	85
12/28/2017	21	1091.3	2490	708.9	85	0	0	85
12/28/2017	22	1091.3	2490	708.9	85	0	0	85
12/28/2017	23	1091.3	2490	709.0	85	0	0	85
12/28/2017	24	1091.2	2480	708.8	85	0	0	85
12/29/2017	1	1091.2	2480	708.8	85	0	0	85
12/29/2017	2	1091.2	2480	708.8	85	0	0	85
12/29/2017	3	1091.3	2480	708.8	85	0	0	85
12/29/2017	4	1091.2	2490	708.8	85	0	0	85
12/29/2017	5	1091.2	2480	708.8	85	0	0	85
12/29/2017	6	1091.2	2490	708.8	85	0	0	85
12/29/2017	7	1091.2	2490	708.8	85	0	0	85
12/29/2017	8	1091.2	2490	708.9	85	0	0	85
12/29/2017	9	1091.2	2480	708.9	85	0	0	85
12/29/2017	10	1091.2	2490	708.9	85	0	0	85
12/29/2017	11	1091.2	2490	708.9	85	0	0	85
12/29/2017	12	1091.2	2490	709.0	85	0	0	85
12/29/2017	13	1091.2	2480	709.0	85	0	0	85
12/29/2017	14	1091.2	2480	708.9	85	0	0	85
12/29/2017	15	1091.2	2490	708.8	85	0	0	85
12/29/2017	16	1091.2	2490	708.9	85	0	0	85
12/29/2017	17	1091.2	2490	709.0	85	0	0	85
12/29/2017	18	1091.2	2490	709.2	85	0	0	85
12/29/2017	19	1091.2	2480	709.0	85	0	0	85
12/29/2017	20	1091.2	2490	708.9	85	0	0	85
12/29/2017	21	1091.2	2480	708.9	85	0	0	85
12/29/2017	22	1091.2	2480	708.8	85	0	0	85
12/29/2017	23	1091.2	2470	708.8	85	0	0	85
12/29/2017	24	1091.2	2480	708.8	85	0	0	85
12/30/2017	1	1091.2	2480	708.8	85	0	0	85
12/30/2017	2	1091.2	2490	708.8	85	0	0	85
12/30/2017	3	1091.2	2490	708.8	85	0	0	85
12/30/2017	4	1091.2	2490	708.8	85	0	0	85
12/30/2017	5	1091.2	2490	708.8	85	0	0	85
12/30/2017	6	1091.2	2490	708.8	85	0	0	85
12/30/2017	7	1091.2	2490	708.8	85	0	0	85
12/30/2017	8	1091.2	2490	709.0	85	0	0	85
12/30/2017	9	1091.2	2480	709.0	85	0	0	85
12/30/2017	10	1091.2	2480	709.0	85	0	0	85
12/30/2017	11	1091.1	2480	709.2	85	0	0	85
12/30/2017	12	1091.2	2480	709.2	85	0	0	85
12/30/2017	13	1091.1	2480	709.4	85	0	0	85
12/30/2017	14	1091.1	2490	709.4	85	0	0	85
12/30/2017	15	1091.1	2500	709.3	85	0	0	85
12/30/2017	16	1091.1	2490	709.3	85	0	0	85
12/30/2017	17	1091.1	2490	709.3	85	0	0	85
12/30/2017	18	1091.1	2490	709.2	85	0	0	85
12/30/2017	19	1091.1	2490	709.1	85	0	0	85

12/30/2017	20	1091.1	2500	709.0	85	0	0	85
12/30/2017	21	1091.1	2490	708.9	85	0	0	85
12/30/2017	22	1091.1	2490	708.9	85	0	0	85
12/30/2017	23	1091.1	2490	708.9	85	0	0	85
12/30/2017	24	1091.1	2490	708.9	85	0	0	85
12/31/2017	1	1091.1	2490	708.9	85	0	0	85
12/31/2017	2	1091.1	2490	708.9	85	0	0	85
12/31/2017	3	1091.1	2490	708.9	85	0	0	85
12/31/2017	4	1091.1	2490	709.0	85	0	0	85
12/31/2017	5	1091.1	2490	709.0	85	0	0	85
12/31/2017	6	1091.1	2490	708.8	85	0	0	85
12/31/2017	7	1091.0	2490	708.9	85	0	0	85
12/31/2017	8	1091.1	2490	709.0	85	0	0	85
12/31/2017	9	1091.1	2480	709.0	85	0	0	85
12/31/2017	10	1091.1	2480	709.1	85	0	0	85
12/31/2017	11	1091.0	2480	709.0	85	0	0	85
12/31/2017	12	1091.0	2490	709.0	85	0	0	85
12/31/2017	13	1091.0	2490	708.9	85	0	0	85
12/31/2017	14	1091.0	2480	709.0	85	0	0	85
12/31/2017	15	1091.0	2490	709.0	85	0	0	85
12/31/2017	16	1091.0	2500	709.0	85	0	0	85
12/31/2017	17	1091.0	2500	709.0	85	0	0	85
12/31/2017	18	1091.0	2490	709.0	85	0	0	85
12/31/2017	19	1091.0	2480	708.9	85	0	0	85
12/31/2017	20	1091.0	2480	708.9	85	0	0	85
12/31/2017	21	1091.0	2490	708.9	85	0	0	85
12/31/2017	22	1091.0	2490	709.0	85	0	0	85
12/31/2017	23	1091.0	2490	709.0	85	0	0	85
12/31/2017	24	1091.0	2500	709.1	85	0	0	85