

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-22545
Exam Date: 02/23/2021

1. Current Owner:
BLAINE COUNTY SCHOOL DISTRICT #61 118 W BULLION ST HAILEY ID 83333-8425
US BANK NATIONAL ASSN 118 W BULLION ST HAILEY ID 83333
2. Accompanied by: Jose Hernandez
Phone No: (208) 578-5000
Address: 118 W BULLION ST HAILEY ID 83333-8425
Relationship to permit Holder: Maintenance Technician for B.C.S.D. #61

3. **SOURCE:**
GROUND WATER

Method of Determination: On-site Inspection

B. OVERLAP REVIEW

1. Other water rights with the same place of use: No Overlap

Water Right No.	Source	Purpose of Use	Basis
N/A			

2. Other water rights with the same point-of-diversion: NO Overlap

Water Right No.	Source	Purpose of Use	Basis
N/A			

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER NW¼ SE¼, Sec. 10, Twp 02N, Rge 18E, B.M. BLAINE County
GROUND WATER NW¼ SE¼, Sec. 10, Twp 02N, Rge 18E, B.M. BLAINE County
GROUND WATER SW¼ SE¼, Sec. 10, Twp 02N, Rge 18E, B.M. BLAINE County

Method of Determination:

PLACE OF USE: HEATING

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
02N	18E	10														X	X	X	

PLACE OF USE: COOLING

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
02N	18E	10														X	X	X	

Method of Determination: On-site inspection and aerial imagery

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.
☒ Indicate weir size/pipe as applicable.

Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be
☒ 1:24,000 or greater.

☒ Aerial Photo Attached (required for irrigation of 10+ acres).

☒ Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
D0059614		50			
D0059615		50			
D0059616		50			

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Flow Meter	Ultrasonic	GE Panametrics	PT878	#09045	1 mhz Transducer	April 2020

2. Measurements: Measurement was performed to calibrate a Veris Veribar in-line flow meter and Foxboro totalizer that are installed in the heating and cooling system at the high school and has been utilized to collect flow and volume data throughout the beneficial use development period. Calibration indicated the installed flow meter and totalizer are within acceptable parameters with only 0.73% variance between meters. See attached measuring device certification (Attachment #1).

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: Flow rates were recorded from the Veris Veribar flow meter and Foxboro totalizer and reported to SPF Water Engineering during the beneficial use development period from 12/5/2013 to 2/28/2019. The highest observed flow rate reported was 1921 gpm on 12/11/2017, which is approximately 4.3 cfs. See Attachment #2 for the flow rate and totalizer readings utilized for the following calculations. I only included totalizer recordings for 2015 and highest recorded flow rate in Attachment #2. See water right back file under "Email RE Production Data" to see complete data set.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: N/A

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: Totalizer readings were also recorded and reported to SPF Water Engineering during the beneficial use development period from 12/5/2013 to 2/28/2019. The highest volume that was recorded was in 2015. Totalized volumes were recorded starting on 1/5/2015 and ending on 12/18/2015. See Attachment #2 for the flow rate and totalizer readings utilized for the following calculations. I only included totalizer recordings for 2015 and highest recorded flow rate in Attachment #2. See water right back file under "Email RE Production Data" to see complete data set:

12/18/2015: 103,987,000 gallons

1/5//2015: 47,983,000 gallons

Difference: $56,004,000 \text{ gallons} / 325,850 = 171.9 \text{ acre feet}$

Then averages for gallons used in 2015 were calculated for the dates totalizer readings were not reported from 12/19/2015 to 12/31/2015 and 1/1/2015 to 1/4/2015:

1/4/2016: 110,769,000 gallons

1/5/2015: 46,261,000 gallons

12/18/2015: 103,987,000 gallons

12/31/2014: 45,869,000 gallons

Difference: 6,782,000 gallons

392,000 gallons

Duration: 16 days

6 days

Average: 423,875 gallons daily

65,333 gallons daily

12/19 - 12/31: 13 days

1/1 to 1/4: 4 days

Total: 5,510,375

261,332

Combined = $5,771,707 / 325,850 = 17.7 \text{ acre feet}$

Grand Total: 189.6 acre feet

G. NARRATIVE/REMARKS/COMMENTS

On 2/23/2021, Jana Reeder, fellow IDWR Employee, and I, met with Jose Hernandez, a Maintenance Technician for B.C.S.D. #61 to conduct a field exam. The first thing we did was set up the Department's GE Panametrics Ultrasonic flowmeter on a vertical run of 10" pipe that was adjacent to the installed Veris Veribar Flow Meter (with a Foxboro totalizer) in order to calibrate the meter and ramp up the system. The results of the calibration indicated the meter was accurate with a variation between measured flow rates at 0.73% (see Attachment #1).

The system consists of three production wells that divert ground water into the mechanical room where the water passes through two heat exchangers and then out through a manifold separating the discharge into three separate lines and then out to three separate injection wells. The heat value obtained (approximately 10 degrees Fahrenheit delta-T) is then used for heating or cooling in the Wood River High School, The Community Campus and Silver Creek High school (approximately 300,000 square feet when combined).

When we measured the system, Jose ramped the system up so that all three wells were pumping at capacity. Jose had indicated that there was a plugged filter screen that kept the system from operating at its highest capacity and that it was scheduled to be repaired this summer. Our measurement came in at an average of 1524 gpm which is equivalent to approximately 3.4 cfs. During the beneficial use development period, flow rates and totalizer volumes were reported to SPF Engineering and were recorded in a spreadsheet and that information was provided to the Department when proof of completion of beneficial use was submitted to the Department. Based on the information provided the high flow recorded during the development period was 1921 gpm on 12/11/2017, which is approximately 4.3 cfs. The highest volume reported was in 2015 (see Section F (2.) on page 2 and 3 of this report for volume calculations).

After the measurement was complete, Jose and I walked out to the wells so I could take GPS readings of their locations (see System Diagram).

The original application was permitted with four wells and a flow rate of 9.4 cfs. That permit was amended to change the locations of three of the wells from the SWSE of Sec. 10, Twp 12N, Rge 18E to the NWSE of the same section. Based on the findings of the field exam, only two wells were developed in the NWSE and one in the SWNE.

Recommend licensing 4.3 cfs with a volume 189.6 acre feet and dropping the third point of diversion located in the NWSE of Sec. 10, Twp 12N, Rge 18E.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
HEATING	01/01 to 12/31	4.30 CFS	189.6
COOLING	01/01 to 12/31	4.30 CFS	189.6

Totals: 4.30 CFS 189.6 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ None

I. AUTHENTICATION

Bill Mills - Water Resource Agent, Senior

Field Examiner's Name

Date

Reviewer

Date

3-16-2021

3/19/2021



Figure 1: Part of Heating and cooling distribution system where heat exchangers are located



Figure 2: One of Two heat exchangers



Figure 3: Additional drives in the distribution system



Figure 4: Chiller for entire system housed in separate room adjacent to distribution network



Figure 5: Tag on heat exchanger



Figure 6: Veris Veribar Flow Meter

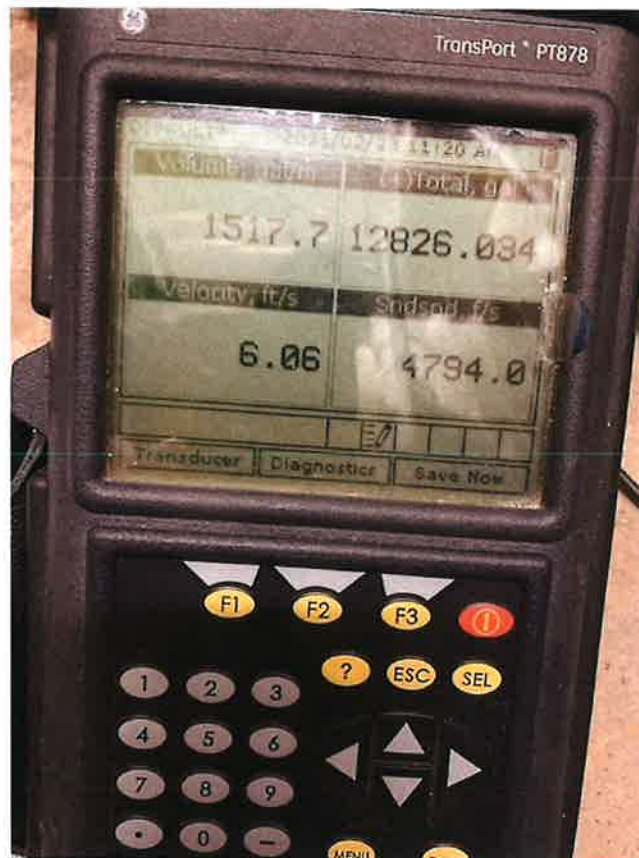


Figure 7: Reading on Department flow meter during measurement



Figure 8: Production well #2, high school and maintenance staff

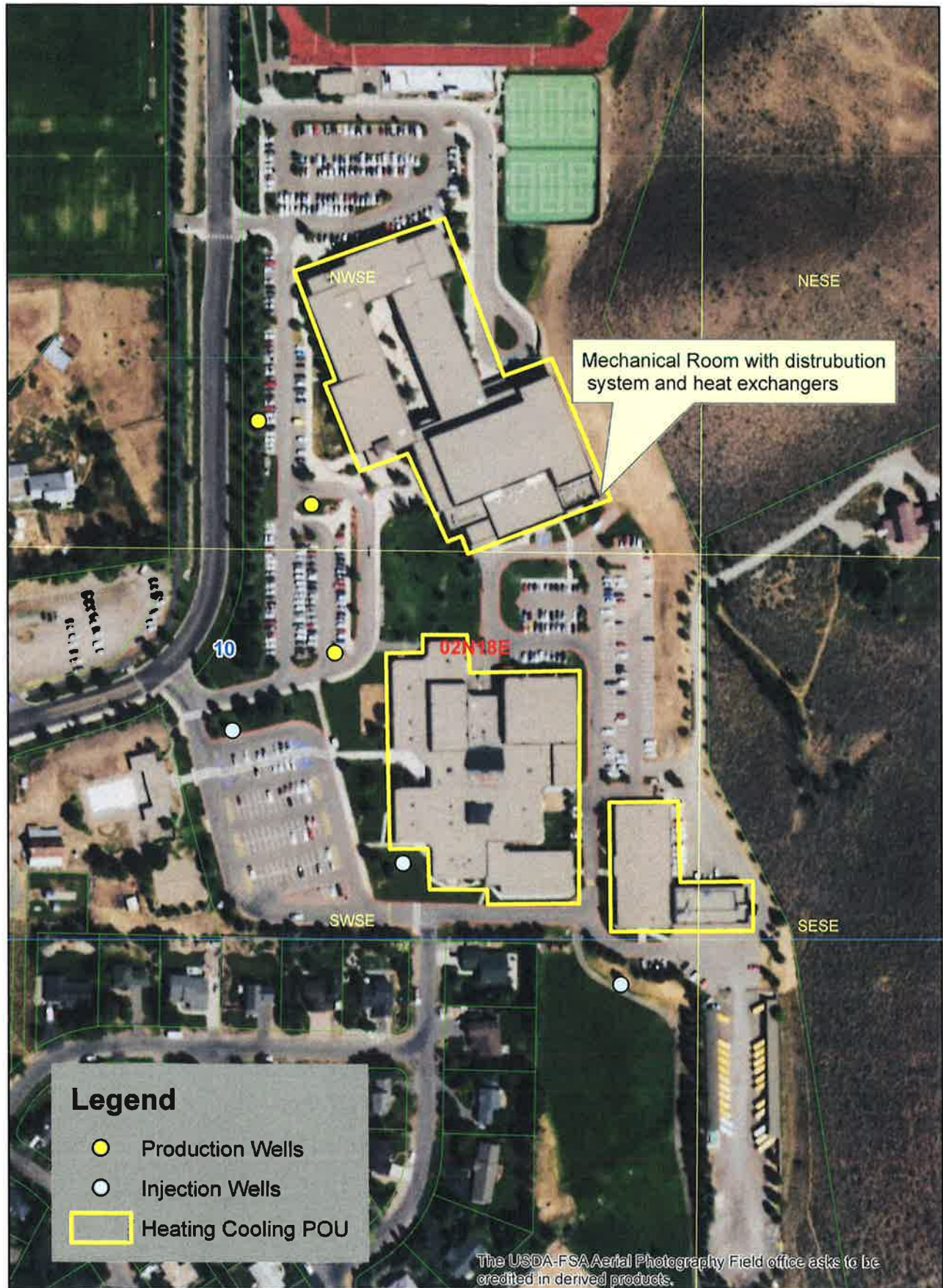


Figure 9: Production well #3



Figure #10: Production well #1

System Diagram



Attachment #1

MEASURING DEVICE VERIFICATION

WMIS Number		Water District #	
Date Inspected	2/25/21	Examiner	greeder/wmills
Division Name	Heating/Cooling System		
Contact	Howie		
Contact Information			
Well Use	Irrigation ___ Stockwater ___ Commercial ___ Other: Heating/Cooling		
Tag Number		New tag?	
Tag Location	physical location including offsets		
Utility Info	Pole Number	Demand Meter SN#	

Flow Meter

Information:

Meter Type	Full profile mag ☒ Spooled ultrasonic ___ Clamp-on/wetted transducer ___		
	Other: _____		
IDWR Approved?	Yes ___ No ___ Variance approved ___		
Meter Manufacturer		Installation date	
Model Number		Serial Number	V18696-01.1
Rate Units	gpm	Volume Units	gallons
Rate Multiplier	x1	Volume Multiplier	x1000

Pipe Parameters:

Pipe Material	CS	Outside Diameter	10.8
Wall Thickness	.342	Spacing	10.14

Measurement:

Installed meter (totalizer reading)	Time	Total Gallons	Average Flow Rate GPM (M1)	Standard total gallons	Average Flow Rate GPM (M2)	% diff. (±)	Comments
312200	start						
312216	10:18	16000	1523.8	15127.4	1512.74	0.73	% good meas.
	(10.3)						

Notes:

SS 4793.6

Measurement No. 1 (M₁) is the measured rate of flow from the permanently installed flow meter. PT878

Measurement No. 2 (M₂) is the measured rate of flow from the measuring device being used to check the flow for the calibration.

Percent Difference = (M₁ - M₂) / M₂ X 100 = ± % (Acceptable is within ± 5%)

Calibration Multiplier = M₂ / M₁

1525	1510
1511	1506
1502	1497
1523	1509

Attachment #2

4 pages

Blaine County School District Heating/Cooling System Water Production										
Date	Time	Date & Time	Totalizer Reading (gals)	Number of pumps operating	Observed Flow (gpm)	Difference (gals)	Elapsed minutes	Est. Daily Volume for Reading Interval (thousands of gals)	Est Avg Daily Flow (gpm)	Comments
12/5/2013	5:00 PM	12/5/13 5:00 PM	8,974,000	1	733					
12/9/2013	11:59 AM	12/9/13 11:59 AM	10,649,000	0	0	1,675,000	5,459	442	307	
12/10/2013	11:59 AM	12/10/13 11:59 AM	11,196,000	0	0	547,000	1,440	547	380	
12/11/2013	11:00 AM	12/11/13 11:00 AM	11,569,000	0	0	373,000	1,381	389	270	
12/12/2013	12:07 PM	12/12/13 12:07 PM	11,976,000	0	0	407,000	1,507	389	270	
12/13/2013	10:48 AM	12/13/13 10:48 AM	12,277,000	0	0	301,000	1,361	318	221	
12/16/2013	12:30 PM	12/16/13 12:30 PM	12,912,000	0	0	635,000	4,422	207	144	
12/17/2013	12:22 PM	12/17/13 12:22 PM	13,202,000	0	0	290,000	1,432	292	203	
12/18/2013	1:08 PM	12/18/13 1:08 PM	13,398,000	0	0	196,000	1,486	190	132	
12/19/2013	11:04 AM	12/19/13 11:04 AM	13,559,000	0	0	161,000	1,316	176	122	
12/20/2013	12:04 PM	12/20/13 12:04 PM	13,771,000	0	0	212,000	1,500	204	141	
12/23/2013	1:18 PM	12/23/13 1:18 PM	14,219,000	1	593	448,000	4,394	147	102	
12/26/2013	1:28 PM	12/26/13 1:28 PM	14,549,000	0	0	330,000	4,330	110	76	
12/27/2013	9:40 AM	12/27/13 9:40 AM	14,726,000	0	0	177,000	1,212	210	146	
12/30/2013	12:23 PM	12/30/13 12:23 PM	15,282,000	1	520	556,000	4,483	179	124	
1/2/2014	9:58 AM	1/2/14 9:58 AM	15,993,000	1	474	711,000	4,175	245	170	
1/3/2014	12:06 PM	1/3/14 12:06 PM	16,363,000	0	0	370,000	1,568	340	236	
1/6/2014	12:27 PM	1/6/14 12:27 PM	17,009,000	0	0	646,000	4,341	214	149	
1/7/2014	11:02 AM	1/7/14 11:02 AM	17,400,000	1	431	391,000	1,355	416	289	
1/8/2014	11:59 AM	1/8/14 11:59 AM	17,669,000	0	0	269,000	1,497	259	180	
1/9/2014	11:00 AM	1/9/14 11:00 AM	17,845,000	0	0	176,000	1,381	184	127	
1/10/2014	10:25 AM	1/10/14 10:25 AM	18,020,000	0	0	175,000	1,405	179	125	
1/13/2014	11:05 AM	1/13/14 11:05 AM	18,332,000	1	722	312,000	4,360	103	72	
1/14/2014	11:01 AM	1/14/14 11:01 AM	18,580,000	0	0	248,000	1,436	249	173	
1/15/2014	11:02 AM	1/15/14 11:02 AM	18,771,000	0	0	191,000	1,441	191	133	
1/16/2014	11:32 AM	1/16/14 11:32 AM	18,960,000	1	732	189,000	1,470	185	129	
1/17/2014	11:02 AM	1/17/14 11:02 AM	19,130,000	1	718	170,000	1,410	174	121	
1/21/2014	10:57 AM	1/21/14 10:57 AM	19,658,000	0	0	528,000	5,755	132	92	
1/22/2014	10:59 AM	1/22/14 10:59 AM	19,962,000	0	0	304,000	1,442	304	211	
1/23/2014	10:59 AM	1/23/14 10:59 AM	20,197,000	0	0	235,000	1,440	235	163	
1/24/2014	11:07 AM	1/24/14 11:07 AM	20,428,000	0	0	231,000	1,448	230	160	
1/27/2014	11:08 AM	1/27/14 11:08 AM	20,837,000	0	0	409,000	4,321	136	95	
1/28/2014	11:14 AM	1/28/14 11:14 AM	21,152,000	0	0	315,000	1,446	314	218	
1/29/2014	11:21 AM	1/29/14 11:21 AM	21,369,000	0	0	217,000	1,447	216	150	
1/30/2014	10:58 AM	1/30/14 10:58 AM	21,525,000	1	738	156,000	1,417	159	110	
1/31/2014	11:14 AM	1/31/14 11:14 AM	21,697,000	0	0	172,000	1,456	170	118	
2/3/2014	1:36 PM	2/3/14 1:36 PM	22,155,000	0	0	458,000	4,462	148	103	
2/4/2014	7:00 AM	2/4/14 7:00 AM	22,428,000	1	735	273,000	1,044	377	261	
2/5/2014	7:00 AM	2/5/14 7:00 AM	22,849,000	1	742	421,000	1,440	421	292	
2/6/2014	7:17 AM	2/6/14 7:17 AM	23,155,000	0	0	306,000	1,457	302	210	
2/7/2014	11:23 AM	2/7/14 11:23 AM	23,588,000	0	0	433,000	1,686	370	257	
2/10/2014	8:23 AM	2/10/14 8:23 AM	23,878,000	1	338	290,000	4,140	101	70	
2/11/2014	7:42 AM	2/11/14 7:42 AM	24,113,000	0	0	235,000	1,399	242	168	
2/13/2014	9:52 AM	2/13/14 9:52 AM	24,399,000	0	0	286,000	3,010	137	95	
2/14/2014	10:10 AM	2/14/14 10:10 AM	24,494,000	0	0	95,000	1,458	94	65	
2/18/2014	8:06 AM	2/18/14 8:06 AM	25,041,000	0	0	547,000	5,636	140	97	
2/19/2014	8:06 AM	2/19/14 8:06 AM	25,158,000	0	0	117,000	1,440	117	81	
2/20/2014	7:00 AM	2/20/14 7:00 AM	25,302,000	0	0	144,000	1,374	151	105	
2/21/2014	8:28 AM	2/21/14 8:28 AM	25,493,000	0	0	191,000	1,528	180	125	
2/24/2014	7:44 AM	2/24/14 7:44 AM	25,686,000	0	0	193,000	4,276	65	45	
2/25/2014	7:28 AM	2/25/14 7:28 AM	25,919,000	0	0	233,000	1,424	236	164	
2/26/2014	7:08 AM	2/26/14 7:08 AM	26,227,000	0	0	308,000	1,420	312	217	
2/27/2014	7:00 AM	2/27/14 7:00 AM	26,284,000	1	439	57,000	1,432	57	40	
2/28/2014	7:08 AM	2/28/14 7:08 AM	26,509,000	1	541	225,000	1,448	224	155	
3/3/2014	7:07 AM	3/3/14 7:07 AM	26,658,000	1	669	149,000	4,319	50	34	
3/4/2014	7:00 AM	3/4/14 7:00 AM	26,812,000	0	0	154,000	1,433	155	107	
3/5/2014	7:00 AM	3/5/14 7:00 AM	26,888,000	0	0	76,000	1,440	76	53	
3/6/2014	7:00 AM	3/6/14 7:00 AM	26,941,000	0	0	53,000	1,440	53	37	
3/7/2014	7:00 AM	3/7/14 7:00 AM	26,993,000	0	0	52,000	1,440	52	36	
3/10/2014	7:00 AM	3/10/14 7:00 AM	27,106,000	1	702	113,000	4,320	38	26	
3/11/2014	7:00 AM	3/11/14 7:00 AM	27,213,000	0	0	107,000	1,440	107	74	
3/12/2014	7:00 AM	3/12/14 7:00 AM	27,286,000	0	0	73,000	1,440	73	51	
3/13/2014	8:12 AM	3/13/14 8:12 AM	27,382,000	1	335	96,000	1,512	91	63	
3/14/2014	9:02 AM	3/14/14 9:02 AM	27,434,000	0	0	52,000	1,490	50	35	
3/17/2014	7:00 AM	3/17/14 7:00 AM	27,516,000	0	0	82,000	4,198	28	20	
3/18/2014	7:00 AM	3/18/14 7:00 AM	27,566,000	1	810	50,000	1,440	50	35	
3/19/2014	7:00 AM	3/19/14 7:00 AM	27,635,000	0	0	69,000	1,440	69	48	
3/20/2014	7:00 AM	3/20/14 7:00 AM	27,711,000	0	0	76,000	1,440	76	53	
3/21/2014	7:00 AM	3/21/14 7:00 AM	27,752,000	0	0	41,000	1,440	41	28	
3/25/2014	7:44 AM	3/25/14 7:44 AM	27,836,000	0	0	84,000	5,804	21	14	
3/26/2014	7:00 AM	3/26/14 7:00 AM	27,844,000	0	0	8,000	1,396	8	6	
3/27/2014	7:00 AM	3/27/14 7:00 AM	27,844,000	0	0	0	0	0	0	
3/31/2014	7:00 AM	3/31/14 7:00 AM	28,039,000	0	0	195,000	5,760	49	34	
4/1/2014	7:00 AM	4/1/14 7:00 AM	28,384,000	0	0	345,000	1,440	345	240	
4/2/2014	7:00 AM	4/2/14 7:00 AM	28,520,000	0	0	136,000	1,440	136	94	
4/3/2014	7:00 AM	4/3/14 7:00 AM	28,581,000	0	0	61,000	1,440	61	42	
4/4/2014	7:00 AM	4/4/14 7:00 AM	28,658,000	1	341	77,000	1,440	77	53	
4/7/2014	7:00 AM	4/7/14 7:00 AM	28,741,000	1	713	83,000	4,320	28	19	

Totalizer

12/22/2014	7:00 AM	12/22/14 7:00 AM	44,540,000	0	0	95,600	4,200	33	23
12/23/2014	7:00 AM	12/23/14 7:00 AM	44,655,000	0	0	115,000	1,440	115	80
12/24/2014	7:00 AM	12/24/14 7:00 AM	44,807,000	1	705	152,000	1,440	152	106
12/29/2014	7:00 AM	12/29/14 7:00 AM	45,450,000	1	742	643,000	7,200	129	89
12/30/2014	7:00 AM	12/30/14 7:00 AM	45,869,000	1	794	419,000	1,440	419	291
12/31/2014	7:00 AM	12/31/14 7:00 AM	46,261,000	1	319	392,000	1,440	392	272
1/5/2015	8:15 AM	1/5/15 8:15 AM	47,983,000	2	1,561	1,722,000	7,275	341	237
1/6/2015	7:00 AM	1/6/15 7:00 AM	48,455,000	0	0	472,000	1,365	498	346
1/7/2015	7:00 AM	1/7/15 7:00 AM	48,720,000	0	0	265,000	1,440	265	184
1/8/2015	7:00 AM	1/8/15 7:00 AM	48,920,000	2	1,234	200,000	1,440	200	139
1/9/2015	7:00 AM	1/9/15 7:00 AM	49,093,000	1	807	173,000	1,440	173	120
1/12/2015	8:30 AM	1/12/15 8:30 AM	49,576,000	1	844	483,000	4,410	158	110
1/13/2015	7:00 AM	1/13/15 7:00 AM	49,945,000	1	696	369,000	1,350	394	273
1/14/2015	7:00 AM	1/14/15 7:00 AM	50,218,000	1	389	273,000	1,440	273	190
1/15/2015	7:00 AM	1/15/15 7:00 AM	50,525,000	0	0	307,000	1,440	307	213
1/16/2015	9:15 AM	1/16/15 9:15 AM	50,886,000	0	0	361,000	1,575	330	229
1/20/2015	7:00 AM	1/20/15 7:00 AM	51,418,000	2	1,175	532,000	5,625	136	95
1/21/2015	7:00 AM	1/21/15 7:00 AM	51,888,000	1	747	470,000	1,440	470	326
1/22/2015	7:00 AM	1/22/15 7:00 AM	52,231,000	1	659	343,000	1,440	343	238
1/23/2015	7:00 AM	1/23/15 7:00 AM	52,573,000	1	812	342,000	1,440	342	238
1/26/2015	7:00 AM	1/26/15 7:00 AM	53,065,000	0	0	492,000	4,320	164	114
1/27/2015	7:00 AM	1/27/15 7:00 AM	53,472,000	0	0	407,000	1,440	407	283
1/28/2015	7:00 AM	1/28/15 7:00 AM	53,686,000	0	0	214,000	1,440	214	149
1/29/2015	7:00 AM	1/29/15 7:00 AM	53,806,000	0	0	120,000	1,440	120	83
1/30/2015	7:00 AM	1/30/15 7:00 AM	53,995,000	0	0	189,000	1,440	189	131
2/2/2015	7:00 AM	2/2/15 7:00 AM	54,369,000	2	1,175	374,000	4,320	125	87
2/3/2015	7:00 AM	2/3/15 7:00 AM	54,802,000	2	1,483	433,000	1,440	433	301
2/4/2015	7:00 AM	2/4/15 7:00 AM	55,034,000	0	0	232,000	1,440	232	161
2/5/2015	7:00 AM	2/5/15 7:00 AM	55,148,000	0	0	114,000	1,440	114	79
2/6/2015	7:00 AM	2/6/15 7:00 AM	55,298,000	0	0	150,000	1,440	150	104
2/9/2015	7:00 AM	2/9/15 7:00 AM	55,518,000	0	0	220,000	4,320	73	51
2/10/2015	7:00 AM	2/10/15 7:00 AM	55,755,000	1	754	237,000	1,440	237	165
2/11/2015	7:00 AM	2/11/15 7:00 AM	55,898,000	0	0	143,000	1,440	143	99
2/12/2015	7:00 AM	2/12/15 7:00 AM	56,028,000	0	0	130,000	1,440	130	90
2/13/2015	7:00 AM	2/13/15 7:00 AM	56,128,000	2	1,156	100,000	1,440	100	69
2/17/2015	7:00 AM	2/17/15 7:00 AM	56,505,000	1	768	377,000	5,760	94	65
2/18/2015	7:00 AM	2/18/15 7:00 AM	56,753,000	0	0	248,000	1,440	248	172
2/19/2015	7:00 AM	2/19/15 7:00 AM	56,888,000	0	0	135,000	1,440	135	94
2/20/2015	7:00 AM	2/20/15 7:00 AM	56,975,000	0	0	87,000	1,440	87	60
2/23/2015	9:10 AM	2/23/15 9:10 AM	57,390,000	0	0	415,000	4,450	134	93
2/24/2015	7:00 AM	2/24/15 7:00 AM	57,707,000	0	0	317,000	1,310	348	242
2/25/2015	7:00 AM	2/25/15 7:00 AM	57,916,000	0	0	209,000	1,440	209	145
2/26/2015	7:00 AM	2/26/15 7:00 AM	58,081,000	0	0	165,000	1,440	165	115
2/27/2015	9:10 AM	2/27/15 9:10 AM	58,195,000	0	0	114,000	1,570	105	73
3/2/2015	7:00 AM	3/2/15 7:00 AM	58,393,000	1	805	198,000	4,190	68	47
3/3/2015	7:00 AM	3/3/15 7:00 AM	58,642,000	0	0	249,000	1,440	249	173
3/4/2015	7:00 AM	3/4/15 7:00 AM	58,810,000	0	0	168,000	1,440	168	117
3/5/2015	7:00 AM	3/5/15 7:00 AM	58,977,000	1	462	167,000	1,440	167	116
3/6/2015	7:00 AM	3/6/15 7:00 AM	59,114,000	1	802	137,000	1,440	137	95
3/9/2015	7:00 AM	3/9/15 7:00 AM	59,264,000	2	1,358	150,000	4,320	50	35
3/10/2015	7:00 AM	3/10/15 7:00 AM	59,397,000	0	0	133,000	1,440	133	92
3/11/2015	7:00 AM	3/11/15 7:00 AM	59,424,000	0	0	27,000	1,440	27	19
3/12/2015	7:00 AM	3/12/15 7:00 AM	59,424,000	0	0	0	0	0	0
3/13/2015	7:00 AM	3/13/15 7:00 AM	59,424,000	0	0	0	0	0	0
3/16/2015	7:00 AM	3/16/15 7:00 AM	59,429,000	0	0	5,000	4,320	2	1
3/17/2015	7:00 AM	3/17/15 7:00 AM	59,442,000	0	0	13,000	1,440	13	9
3/18/2015	7:00 AM	3/18/15 7:00 AM	59,442,000	0	0	0	0	0	0
3/19/2015	7:00 AM	3/19/15 7:00 AM	59,442,000	0	0	0	0	0	0
3/20/2015	7:00 AM	3/20/15 7:00 AM	59,442,000	0	0	0	0	0	0
3/23/2015	9:32 AM	3/23/15 9:32 AM	59,442,000	0	0	0	0	0	0
3/24/2015	7:04 AM	3/24/15 7:04 AM	59,442,000	0	0	0	0	0	0
3/25/2015	7:00 AM	3/25/15 7:00 AM	59,453,000	0	0	11,000	1,436	11	8
3/26/2015	7:00 AM	3/26/15 7:00 AM	59,478,000	0	0	25,000	1,440	25	17
3/27/2015	7:00 AM	3/27/15 7:00 AM	59,488,000	0	0	10,000	1,440	10	7
3/30/2015	7:00 AM	3/30/15 7:00 AM	59,529,000	0	0	41,000	4,320	14	9
3/31/2015	7:00 AM	3/31/15 7:00 AM	59,582,000	0	0	53,000	1,440	53	37
4/1/2015	7:00 AM	4/1/15 7:00 AM	59,582,000	0	0	0	0	0	0
4/2/2015	7:00 AM	4/2/15 7:00 AM	59,582,000	0	0	0	0	0	0
4/3/2015	7:00 AM	4/3/15 7:00 AM	59,592,000	1	328	10,000	1,440	10	7
4/6/2015	7:00 AM	4/6/15 7:00 AM	59,676,000	1	782	84,000	4,320	28	19
4/7/2015	7:00 AM	4/7/15 7:00 AM	59,741,000	0	0	65,000	1,440	65	45
4/8/2015	7:00 AM	4/8/15 7:00 AM	59,774,000	0	0	33,000	1,440	33	23
4/9/2015	7:00 AM	4/9/15 7:00 AM	59,793,000	0	0	19,000	1,440	19	13
4/10/2015	7:00 AM	4/10/15 7:00 AM	59,793,000	0	0	0	0	0	0
4/13/2015	7:00 AM	4/13/15 7:00 AM	59,832,000	1	405	39,000	4,320	13	9
4/14/2015	7:00 AM	4/14/15 7:00 AM	59,878,000	0	0	46,000	1,440	46	32
4/15/2015	7:00 AM	4/15/15 7:00 AM	59,878,000	0	0	0	0	0	0
4/16/2015	7:00 AM	4/16/15 7:00 AM	59,906,000	0	0	28,000	1,440	28	19
4/17/2015	7:00 AM	4/17/15 7:00 AM	59,922,000	0	0	16,000	1,440	16	11
4/20/2015	7:00 AM	4/20/15 7:00 AM	59,922,000	0	0	0	0	0	0
4/21/2015	7:00 AM	4/21/15 7:00 AM	59,927,000	0	0	5,000	1,440	5	3
4/22/2015	7:00 AM	4/22/15 7:00 AM	59,963,000	0	0	36,000	1,440	36	25
4/23/2015	7:00 AM	4/23/15 7:00 AM	60,001,000	0	0	38,000	1,440	38	26
4/24/2015	7:00 AM	4/24/15 7:00 AM	60,003,600	0	0	2,600	1,440	3	2
4/27/2015	7:00 AM	4/27/15 7:00 AM	60,053,000	0	0	49,400	4,320	16	11
4/28/2015	7:00 AM	4/28/15 7:00 AM	60,053,000	0	0	0	0	0	0
4/29/2015	7:00 AM	4/29/15 7:00 AM	60,071,000	0	0	18,000	1,440	18	13

Totalizer

9/23/2015	7:00 AM	9/23/15 7:00 AM	97,416,000	0	0	74,000	1,440	74	51	
9/24/2015	7:00 AM	9/24/15 7:00 AM	97,504,000	0	0	88,000	1,440	88	61	
9/25/2015	7:00 AM	9/25/15 7:00 AM	97,600,000	0	0	96,000	1,440	96	67	
9/28/2015	7:00 AM	9/28/15 7:00 AM	97,728,000	0	0	128,000	4,320	43	30	
9/29/2015	7:00 AM	9/29/15 7:00 AM	97,814,000	0	0	86,000	1,440	86	60	
9/30/2015	7:00 AM	9/30/15 7:00 AM	97,915,000	0	0	101,000	1,440	101	70	
10/1/2015	7:00 AM	10/1/15 7:00 AM	98,006,000	0	0	91,000	1,440	91	63	
10/2/2015	7:00 AM	10/2/15 7:00 AM	98,093,000	0	0	87,000	1,440	87	60	
10/5/2015	7:00 AM	10/5/15 7:00 AM	98,162,000	0	0	69,000	4,320	23	16	
10/6/2015	7:00 AM	10/6/15 7:00 AM	98,213,000	0	0	51,000	1,440	51	35	
10/7/2015	7:00 AM	10/7/15 7:00 AM	98,280,000	0	0	67,000	1,440	67	47	
10/8/2015	7:00 AM	10/8/15 7:00 AM	98,355,000	0	0	75,000	1,440	75	52	
10/9/2015	7:00 AM	10/9/15 7:00 AM	98,436,000	0	0	81,000	1,440	81	56	
10/12/2015	7:00 AM	10/12/15 7:00 AM	98,536,000	0	0	100,000	4,320	33	23	
10/13/2015	7:00 AM	10/13/15 7:00 AM	98,600,000	0	0	64,000	1,440	64	44	
10/14/2015	7:00 AM	10/14/15 7:00 AM	98,674,000	0	0	74,000	1,440	74	51	
10/15/2015	7:00 AM	10/15/15 7:00 AM	98,743,000	0	0	69,000	1,440	69	48	
10/16/2015	7:00 AM	10/16/15 7:00 AM	98,819,000	0	0	76,000	1,440	76	53	
10/19/2015	7:00 AM	10/19/15 7:00 AM	98,904,000	0	0	85,000	4,320	28	20	
10/20/2015	7:00 AM	10/20/15 7:00 AM	98,952,000	0	0	48,000	1,440	48	33	
10/21/2015	7:00 AM	10/21/15 7:00 AM	99,000,000	0	0	48,000	1,440	48	33	
10/22/2015	7:00 AM	10/22/15 7:00 AM	99,044,000	0	0	44,000	1,440	44	31	
10/23/2015	7:00 AM	10/23/15 7:00 AM	99,084,000	0	0	40,000	1,440	40	28	
10/26/2015	7:00 AM	10/26/15 7:00 AM	99,128,000	0	0	44,000	4,320	15	10	
10/27/2015	7:00 AM	10/27/15 7:00 AM	99,139,000	0	0	11,000	1,440	11	8	
10/28/2015	7:00 AM	10/28/15 7:00 AM	99,155,000	0	0	16,000	1,440	16	11	
10/29/2015	7:00 AM	10/29/15 7:00 AM	99,162,000	0	0	7,000	1,440	7	5	
10/30/2015	7:00 AM	10/30/15 7:00 AM	99,187,000	0	0	25,000	1,440	25	17	
11/2/2015	7:00 AM	11/2/15 7:00 AM	99,196,000	0	0	9,000	4,320	3	2	
11/3/2015	7:00 AM	11/3/15 7:00 AM	99,196,000	0	0	0	0	#DIV/0!	0	
11/4/2015	7:00 AM	11/4/15 7:00 AM	99,196,000	0	0	0	0	#DIV/0!	0	
11/5/2015	7:00 AM	11/5/15 7:00 AM	99,196,000	0	0	0	0	#DIV/0!	0	
11/6/2015	7:00 AM	11/6/15 7:00 AM	99,215,000	0	0	19,000	1,440	19	13	
11/9/2015	7:00 AM	11/9/15 7:00 AM	99,302,000	0	0	87,000	4,320	29	20	
11/10/2015	7:00 AM	11/10/15 7:00 AM	99,386,000	0	0	84,000	1,440	84	58	
11/11/2015	7:00 AM	11/11/15 7:00 AM	99,438,000	1	766	52,000	1,440	52	36	
11/12/2015	7:00 AM	11/12/15 7:00 AM	99,480,000	0	0	42,000	1,440	42	29	
11/13/2015	7:00 AM	11/13/15 7:00 AM	99,508,000	1	675	28,000	1,440	28	19	
11/16/2015	7:00 AM	11/16/15 7:00 AM	99,575,000	2	1,328	67,000	4,320	22	16	
11/17/2015	7:00 AM	11/17/15 7:00 AM	99,678,000	2	1,307	103,000	1,440	103	72	
11/18/2015	7:00 AM	11/18/15 7:00 AM	99,746,000	0	0	68,000	1,440	68	47	
11/19/2015	7:00 AM	11/19/15 7:00 AM	99,803,000	1	791	57,000	1,440	57	40	
11/20/2015	7:00 AM	11/20/15 7:00 AM	99,863,000	0	0	60,000	1,440	60	42	
11/23/2015	7:00 AM	11/23/15 7:00 AM	100,007,000	1	500	144,000	4,320	48	33	
11/24/2015	7:00 AM	11/24/15 7:00 AM	100,174,000	1	761	167,000	1,440	167	116	
11/25/2015	7:00 AM	11/25/15 7:00 AM	100,242,000	0	0	68,000	1,440	68	47	
11/30/2015	7:00 AM	11/30/15 7:00 AM	101,395,000	0	0	1,153,000	7,200	231	160	
12/1/2015	7:00 AM	12/1/15 7:00 AM	101,658,000	1	640	263,000	1,440	263	183	
12/2/2015	7:00 AM	12/2/15 7:00 AM	101,852,000	1	796	194,000	1,440	194	135	
12/3/2015	7:00 AM	12/3/15 7:00 AM	102,042,000	0	0	190,000	1,440	190	132	
12/4/2015	7:00 AM	12/4/15 7:00 AM	102,154,000	0	0	112,000	1,440	112	78	
12/7/2015	9:45 AM	12/7/15 9:45 AM	102,423,000	0	0	269,000	4,485	86	60	
12/8/2015	8:45 AM	12/8/15 8:45 AM	102,572,000	0	0	149,000	1,380	155	108	
12/9/2015	7:00 AM	12/9/15 7:00 AM	102,630,000	0	0	58,000	1,335	63	43	
12/10/2015	7:00 AM	12/10/15 7:00 AM	102,690,000	0	0	60,000	1,440	60	42	
12/11/2015	8:50 AM	12/11/15 8:50 AM	102,823,000	0	0	193,000	1,550	124	86	
12/14/2015	11:30 AM	12/14/15 11:30 AM	103,139,000	0	0	316,000	4,480	102	71	
12/15/2015	7:00 AM	12/15/15 7:00 AM	103,285,000	0	0	146,000	1,170	180	125	
12/16/2015	7:00 AM	12/16/15 7:00 AM	103,477,000	1	800	192,000	1,440	192	133	
12/17/2015	7:00 AM	12/17/15 7:00 AM	103,703,000	0	0	226,000	1,440	226	157	
12/18/2015	8:45 AM	12/18/15 8:45 AM	103,987,000	0	0	284,000	1,545	265	184	
1/4/2016	7:00 AM	1/4/16 7:00 AM	110,769,000	0	0	6,782,000	24,375	401	278	
1/5/2016	8:15 AM	1/5/16 8:15 AM	110,893,000	1	759	124,000	1,515	118	82	
1/6/2016	7:00 AM	1/6/16 7:00 AM	110,944,000	1	737	51,000	1,365	54	37	
1/7/2016	7:00 AM	1/7/16 7:00 AM	111,033,000	1	594	89,000	1,440	89	62	
1/8/2016	7:00 AM	1/8/16 7:00 AM	111,132,000	0	0	99,000	1,440	99	69	
1/11/2016	7:00 AM	1/11/16 7:00 AM	111,404,000	2	1,255	272,000	4,320	91	63	
1/12/2016	7:00 AM	1/12/16 7:00 AM	111,931,000	1	749	527,000	1,440	527	366	
1/13/2016	7:00 AM	1/13/16 7:00 AM	112,262,000	0	0	331,000	1,440	331	230	
1/14/2016	10:00 AM	1/14/16 10:00 AM	112,541,000	0	0	279,000	1,620	248	172	
1/19/2016	8:00 AM	1/19/16 8:00 AM	113,164,000	1	540	623,000	7,080	127	88	
1/20/2016	8:00 AM	1/20/16 8:00 AM	113,404,000	1	543	240,000	1,440	240	167	
1/21/2016	7:00 AM	1/21/16 7:00 AM	113,530,000	1	701	126,000	1,380	131	91	
1/22/2016	7:00 AM	1/22/16 7:00 AM	113,653,000	0	0	123,000	1,440	123	85	
1/25/2016	7:40 AM	1/25/16 7:40 AM	113,895,000	1	557	242,000	4,360	80	56	
1/26/2016	7:00 AM	1/26/16 7:00 AM	114,171,000	0	0	276,000	1,400	284	197	
1/27/2016	7:00 AM	1/27/16 7:00 AM	114,421,000	0	0	250,000	1,440	250	174	
1/28/2016	7:00 AM	1/28/16 7:00 AM	114,634,000	1	801	213,000	1,440	213	148	
1/29/2016	7:00 AM	1/29/16 7:00 AM	114,800,000	0	0	166,000	1,440	166	115	
2/1/2016	7:00 AM	2/1/16 7:00 AM	115,096,000	1	527	296,000	4,320	99	69	
2/2/2016	7:00 AM	2/2/16 7:00 AM	115,377,000	1	470	281,000	1,440	281	195	
2/4/2016	8:00 AM	2/4/16 8:00 AM	115,583,000	1	724	506,000	2,940	248	172	
2/8/2016	7:00 AM	2/8/16 7:00 AM	116,356,000	0	0	473,000	5,700	119	83	
2/9/2016	7:00 AM	2/9/16 7:00 AM	116,662,000	0	0	306,000	1,440	306	213	
2/10/2016	7:00 AM	2/10/16 7:00 AM	116,840,000	1	781	178,000	1,440	178	124	
2/11/2016	7:00 AM	2/11/16 7:00 AM	116,987,000	2	1,303	147,000	1,440	147	102	
2/12/2016	7:00 AM	2/12/16 7:00 AM	117,084,000	1	522	97,000	1,440	97	67	

GPM

10/19/2017	7:00 AM	10/19/17 7:00 AM	170,155,000	0	0	21,000	1,440	21	15	
10/20/2017	7:00 AM	10/20/17 7:00 AM	170,184,000	0	0	29,000	1,440	29	20	
10/23/2017	7:00 AM	10/23/17 7:00 AM	170,209,000	0	0	25,000	4,320	8	6	
10/24/2017	7:00 AM	10/24/17 7:00 AM	170,221,000	0	0	12,000	1,440	12	8	
10/25/2017	7:00 AM	10/25/17 7:00 AM	170,221,000	0	0	0	0	#DIV/0!	0	
10/26/2017	7:00 AM	10/26/17 7:00 AM	170,239,000	0	0	18,000	1,440	18	13	
10/27/2017	7:00 AM	10/27/17 7:00 AM	170,271,000	0	0	32,000	1,440	32	22	
10/30/2017	7:00 AM	10/30/17 7:00 AM	170,296,000	0	0	25,000	4,320	8	6	
10/31/2017	7:00 AM	10/31/17 7:00 AM	170,300,000	0	0	4,000	1,440	4	3	
11/1/2017	7:00 AM	11/1/17 7:00 AM	170,300,000	0	0	0	0	#DIV/0!	0	
11/2/2017	7:00 AM	11/2/17 7:00 AM	170,300,000	0	0	0	0	#DIV/0!	0	
11/3/2017	7:00 AM	11/3/17 7:00 AM	170,312,000	0	0	12,000	1,440	12	8	
11/6/2017	7:45 AM	11/6/17 7:45 AM	170,427,000	0	0	115,000	4,365	38	26	
11/7/2017	7:00 AM	11/7/17 7:00 AM	170,574,000	0	0	147,000	1,395	152	105	
11/8/2017	7:00 AM	11/8/17 7:00 AM	170,701,000	0	0	127,000	1,440	127	88	
11/9/2017	7:00 AM	11/9/17 7:00 AM	170,763,000	0	0	62,000	1,440	62	43	
11/10/2017	7:00 AM	11/10/17 7:00 AM	170,783,000	0	0	20,000	1,440	20	14	
11/13/2017	7:00 AM	11/13/17 7:00 AM	170,940,000	2	1,301	157,000	4,320	52	36	
11/14/2017	7:16 AM	11/14/17 7:16 AM	171,280,000	0	0	340,000	1,456	336	234	Operating all well pumps for groundwater
11/15/2017	7:00 AM	11/15/17 7:00 AM	171,298,000	0	0	18,000	1,424	18	13	
11/20/2017	7:00 AM	11/20/17 7:00 AM	171,708,000	1	1,352	410,000	7,200	82	57	Operating all well pumps for groundwater
11/27/2017	7:00 AM	11/27/17 7:00 AM	172,617,000	0	0	909,000	10,080	130	90	
11/28/2017	7:00 AM	11/28/17 7:00 AM	172,762,000	0	0	145,000	1,440	145	101	
11/29/2017	7:00 AM	11/29/17 7:00 AM	172,870,000	0	0	108,000	1,440	108	75	
11/30/2017	7:00 AM	11/30/17 7:00 AM	173,037,000	0	0	167,000	1,440	167	116	
12/1/2017	7:00 AM	12/1/17 7:00 AM	173,170,000	0	0	133,000	1,440	133	92	
12/4/2017	7:00 AM	12/4/17 7:00 AM	173,448,000	1	846	278,000	4,320	93	64	
12/5/2017	7:00 AM	12/5/17 7:00 AM	173,832,000	1	859	384,000	1,440	384	267	
12/6/2017	7:00 AM	12/6/17 7:00 AM	174,116,000	1	1,489	284,000	1,440	284	197	
12/7/2017	6:59 AM	12/7/17 6:59 AM	174,384,000	1	1,474	268,000	1,439	268	186	
12/8/2017	7:00 AM	12/8/17 7:00 AM	174,725,000	1	1,764	341,000	1,441	341	237	
12/11/2017	7:00 AM	12/11/17 7:00 AM	175,116,000	2	1,921	391,000	4,320	130	91	Operating all well pumps for groundwater
12/12/2017	7:00 AM	12/12/17 7:00 AM	175,845,000	1	755	729,000	1,440	729	506	
12/13/2017	7:00 AM	12/13/17 7:00 AM	176,237,000	1	772	392,000	1,440	392	272	
12/14/2017	7:00 AM	12/14/17 7:00 AM	176,456,000	1	683	219,000	1,440	219	152	
12/15/2017	7:00 AM	12/15/17 7:00 AM	176,691,000	2	1,796	235,000	1,440	235	163	
12/19/2017	7:00 AM	12/19/17 7:00 AM	177,150,000	0	0	459,000	5,760	115	80	
12/20/2017	7:00 AM	12/20/17 7:00 AM	177,316,000	0	0	166,000	1,440	166	115	
12/21/2017	7:00 AM	12/21/17 7:00 AM	177,505,000	0	0	189,000	1,440	189	131	
12/22/2017	7:00 AM	12/22/17 7:00 AM	177,742,000	0	0	237,000	1,440	237	165	
12/16/2017	7:00 AM	12/16/17 7:00 AM	178,548,000	0	0	806,000	-8,640	-134	-93	
1/2/2018	7:00 AM	1/2/18 7:00 AM	180,754,000	1	1,478	2,206,000	24,480	130	90	
1/3/2018	7:00 AM	1/3/18 7:00 AM	181,386,000	1	860	632,000	1,440	632	439	
1/4/2018	7:00 AM	1/4/18 7:00 AM	181,846,000	0	0	460,000	1,440	460	319	
1/5/2018	7:00 AM	1/5/18 7:00 AM	182,144,000	0	0	298,000	1,440	298	207	
1/8/2018	7:00 AM	1/8/18 7:00 AM	182,499,000	1	1,848	355,000	4,320	118	82	
1/10/2018	7:00 AM	1/10/18 7:00 AM	183,098,000	1	1,368	599,000	2,880	300	208	
1/11/2018	7:00 AM	1/11/18 7:00 AM	183,308,000	1	1,342	210,000	1,440	210	146	
1/16/2018	8:12 AM	1/16/18 8:12 AM	185,054,000	0	0	1,746,000	7,272	346	240	Operating all well pumps for groundwater
1/17/2018	8:00 AM	1/17/18 8:00 AM	185,358,000	1	955	304,000	1,428	307	213	
1/18/2018	9:00 AM	1/18/18 9:00 AM	185,621,000	0	0	263,000	1,500	252	175	
1/19/2018	9:16 AM	1/19/18 9:16 AM	185,818,000	0	0	197,000	1,456	195	135	
1/22/2018	9:59 AM	1/22/18 9:59 AM	186,340,000	0	0	522,000	4,363	172	120	
1/23/2018	8:00 AM	1/23/18 8:00 AM	186,782,000	1	463	442,000	1,321	482	335	
1/24/2018	8:08 AM	1/24/18 8:08 AM	187,180,000	0	0	398,000	1,448	396	275	
1/25/2018	2:00 PM	1/25/18 2:00 PM	187,457,000	0	0	277,000	1,792	223	155	
1/26/2018	8:00 AM	1/26/18 8:00 AM	187,622,000	0	0	165,000	1,080	220	153	
1/29/2018	10:00 AM	1/29/18 10:00 AM	188,229,000	0	851	607,000	4,440	197	137	
1/30/2018	7:30 AM	1/30/18 7:30 AM	188,503,000	0	0	274,000	1,290	306	212	
1/31/2018	8:00 AM	1/31/18 8:00 AM	188,755,000	1	844	252,000	1,470	247	171	
2/1/2018	8:30 AM	2/1/18 8:30 AM	189,029,000	0	0	274,000	1,470	268	186	
2/5/2018	7:45 AM	2/5/18 7:45 AM	189,581,000	0	0	552,000	5,715	139	97	
2/6/2018	8:00 AM	2/6/18 8:00 AM	189,855,000	0	0	274,000	1,455	271	188	
2/8/2018	7:46 AM	2/8/18 7:46 AM	190,130,000	1	1,295	275,000	2,866	138	96	
2/9/2018	7:30 AM	2/9/18 7:30 AM	190,243,000	0	0	113,000	1,424	114	79	
2/13/2018	7:00 AM	2/13/18 7:00 AM	191,084,000	0	0	841,000	5,730	211	147	
2/14/2018	7:30 AM	2/14/18 7:30 AM	191,441,000	1	845	357,000	1,470	350	243	
2/15/2018	7:30 AM	2/15/18 7:30 AM	191,736,000	1	1,057	295,000	1,440	295	205	
2/20/2018	10:00 AM	2/20/18 10:00 AM	193,476,000	0	0	1,740,000	7,350	341	237	
2/21/2018	8:00 AM	2/21/18 8:00 AM	193,956,000	1	1,334	480,000	1,320	524	364	
2/23/2018	7:45 AM	2/23/18 7:45 AM	194,808,000	0	0	852,000	2,865	428	297	
2/26/2018	10:00 AM	2/26/18 10:00 AM	195,626,000	0	0	818,000	4,455	264	184	
2/27/2018	12:00 PM	2/27/18 12:00 PM	196,262,000	0	0	636,000	1,560	587	408	
2/28/2018	7:00 AM	2/28/18 7:00 AM	196,751,000	0	0	489,000	1,140	618	429	Operating all well pumps for groundwater
3/5/2018	8:00 AM	3/5/18 8:00 AM	198,099,000	1	1,567	1,348,000	7,260	267	186	
3/6/2018	8:00 AM	3/6/18 8:00 AM	198,533,000	1	535	434,000	1,440	434	301	
3/7/2018	8:30 AM	3/7/18 8:30 AM	198,858,000	0	0	325,000	1,470	318	221	
3/8/2018	8:00 AM	3/8/18 8:00 AM	199,064,000	0	0	206,000	1,410	210	146	
3/9/2018	8:00 AM	3/9/18 8:00 AM	199,223,000	0	0	159,000	1,440	159	110	
3/12/2018	7:56 AM	3/12/18 7:56 AM	199,564,000	1	1,351	341,000	4,316	114	79	
3/13/2018	8:25 AM	3/13/18 8:25 AM	199,887,000	0	0	323,000	1,469	317	220	
3/14/2018	8:00 AM	3/14/18 8:00 AM	199,974,000	0	0	87,000	1,415	89	61	
3/15/2018	8:00 AM	3/15/18 8:00 AM	200,139,000	0	0	165,000	1,440	165	115	
3/16/2018	8:00 AM	3/16/18 8:00 AM	200,305,000	1	1,650	166,000	1,440	166	115	
3/19/2018	8:00 AM	3/19/18 8:00 AM	200,667,000	1	1,340	362,000	4,320	121	84	
3/20/2018	8:00 AM	3/20/18 8:00 AM	201,303,000	0	0	636,000	1,440	636	442	Operating all well pumps for groundwater
3/21/2018	8:00 AM	3/21/18 8:00 AM	201,487,000	0	0	184,000	1,440	184	128	