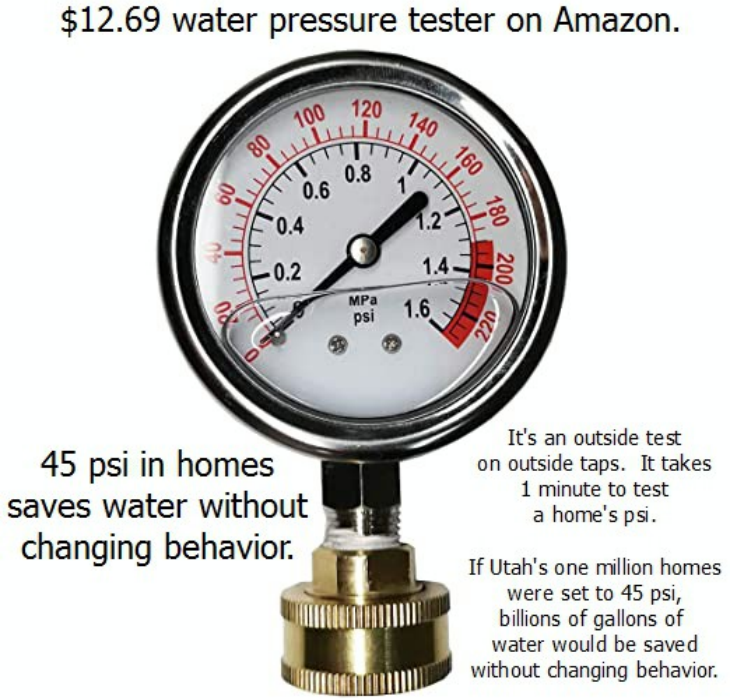
Common Sense Water Policies – for billions in new federal water dollars -3



Salt Lake City leaked 5.4 billion gallons in 2021.[1] Sandy City leaked 1.1 billion gallons.[2] Provo City leaked 1.1 billion gallons.[3] This city leakage data comes directly from the cities to the Division of Water Rights. Historically and oddly in the 2nd driest state in the US, it appears city leakage numbers (unaccounted water leakage) were not requested from cities by the Division of Water Right or state agency.

Had the State been more vigilant, we would not be seeing such high city leak rates. One town has a 59% leak rate which the rate payers don't have a clue about. Why? Because the media chooses soft ball water stories which fail to energize a public drive to support meaningful change. How did we get to a place with beautiful multi-billion dollar city centers, super fancy glass, best LEED designs, yet with crumbling 110 year old water in their abutting streets?

Utah's 3 First Class cities leak 7.6 billion gallons or about ¼ of Deer Creek every year. We need billions in federal water dollars, cities to stop hiding their water leakage, and better State leadership on water issues. For example, Utah is pro-state control of its land, but pro-federal control of its water. When senior farm water rights are taken, canceled by new water squeezing anti-farmer regulations, or forfeiture, the junior water right owners benefit. The federal gov't is the biggest junior water right owner in the State.

Additionally, the federal gov't has pending unapproved applications to appropriate (get for free) 4.4 million acre-feet of water or 1.43 trillion gallons. That's 4 times the all the water all the cities, towns, and water districts use in a year. Most all private water applications to appropriate have been denied, canceled, or terminated, but not the federal

1 https://waterrights.utah.gov/asp_apps/viewEditPWS/pwsView.asp?SYSTEM_ID=11762 SLC water use report
2 https://waterrights.utah.gov/asp_apps/viewEditPWS/pwsView.asp?SYSTEM_ID=1084 Sandy water use report
3 https://waterrights.utah.gov/asp_apps/viewEditPWS/pwsView.asp?SYSTEM_ID=1010 Provo water use report

water applications. Why? What State employee gave this directive not to cancel 1.43 trillion gallons of for new federal water rights in Utah and why?

- Which city will lead out and be the first to offer free, outside water pressure testing to customers to reduce water pressures to save billions of gallons of water automatically and help Utah get billions in federal water dollars? A 45 psi water pressure is adequate. Lower water pressures automatically lows gallons used.

- Which city will be the first to prominently report the city's water main leakage in gallons and percent on the front page of monthly water bills? Why? To drive public pressure for billions in federal water dollars to replace Utah's old water mains leaking a Deer Creek worth of water.[4] If folks don't get mad, Washington won't give us federal water dollars.

- When will the State enact state codes:
  1) for city water line replacement standards (some cities replace lines every 300 years or more).

  For example, if a city has 1,400 miles of water mains, replaces 3 miles a year, it would take 466 years to replace all the city water mains. This problem is caused by no State standards. Moms have to replace car seats by certain dates, but cities don't have to replace water lines support life and our economy.

- 2) incentive cities to cut their leak rates with million dollar cash water improvement prizes to cities which cut leak rates to 1%. We have a Public Water Provider leaking 59% with the rate payers are in the dark. Sun lighting city leak rates will drive federal water dollars for Utah.
  3) update State building codes requiring a reverse osmosis tap in the kitchen to de-chloranate drinking water, because Chlorinated drinking water causes cancer.[5]

  4) End First Class City (Sandy, Provo, Salt Lake City) special watershed protection, because people don't like to drink tap, and don't drink tap water. 99.996% of Big Cottonwood Creek is not tap that's drunk. These extreme, excessive and expansive ridge to ridge watershed police powers have been abused to take property without the payment of just compensation. 244 cities deliver safe drinking water without this extra police power. 3 cities don't this over regulatory power. Canyon management should be not be done by weaponizing water, because it disrupts Utah's water market, land markets, and property rights. Protecting lawn, laundry, and toilet water with watershed police powers on steroids is illogical, hurts tourism, and hurts property rights.

- Use water duties, and water use regulations should be used to drive water conservation. Currently, Utah has old 1981 water regulations giving 400 gallons a day for a house. Oddly, cities are still using this 40 year old, out of date water regulation for 2022 developers. Why? Because cities are using out of date regulations to squeeze extra money from developers which in turn drives up home prices.

- The real usage number is under 150 gallons per day according to Salt Lake City[6], Utah's oldest and biggest Public Water Provider. The !50 gallons per day per house indoor (domestic duty) is declining year of over year from conservation, water saving fixtures, and the shrinking per capita per house going from 3 pch to 2.5 pch. You can't give 400 gallons a day upfront to a

4 https://www.youtube.com/watch?v=Du0yE2wLfcg&t=93s&ab_channel=EvanJohnson
5 https://www.scientificamerican.com/article/earth-talks-tapped-out/#:~:text=The%20link%20between%20chlorine%20and,of%20every%20eight%20American%20women.
6 https://www.slc.gov/utilities/conservation/indoor-water-conservation/

house, then say please use less. If you give 150 gallons up front to the house, then say please use less, less water will be use than giving them 400 gallons up front and say, please use 140 gallons a day.

- Stop the war on the farmer's water.[7] Public Food Providers (farmers) are as important to life as Public Water Providers. Both should be treated equally in regards to water rights. No 7 years forfeiture for farmers and 40 years for water providers. No more, if a farmer saves water, it's taken as a loss, but if a city saves water, they keep it for profit. Our Public Water Providers have been short sighted in making war on the farmer's water who store water for future development. More water comes out of farm production annually than can be absorbed, so why does Utah have anti-farmer water policies? **Why do we punish Public Food Providers, but reward Public Water Providers for doing a good thing like saving water? How did we get to this imbalance of basic fairness?**

- For example, if a farmer spends millions for sprinklers, cuts his water usage 50%, he can't increase his irrigated land 50%. The millions of gallons of water he saves it taken by the State. He loses half his water under current state policy if he saves water. We punish farmers for saving water, but we reward cities for saving water. If a city saves water, they get to keep it and sell for profit. The anti-farm water policy is simply dishonest, counter productive, and not a Utah value rewarding thrift, industry, and hard work.

- Combine Water Rights, Water Resources, and Drinking Water into one agency. Cut the budget in half and use the $9 million in saving to build new reservoirs, buy water pipes for cities, and chain down trees. Utah's 7.6 trees[8] are a culprit in Utah's water problem. See a tree. See a house. If you saw 7.6 billion houses in Utah, you'd say we have to many houses. We have 7.6 billion trees (houses) in Utah. There are 2.3 billion houses in the world.[9] Utah's 7.6 billion trees use 3X's the water as all the houses in the world.

- Why do we process small amount of water change applications at all if they are virtually non-consumptive? 25% of the Division of Water Right paperwork load is for virtually no consumptive water, so why over-regulate it. We to take a hard look at the 26 step process of change applications, and cut this paperload down by half. Then give the save money to cities for wet water projects. We can't drink dry paperwork, so why buy it?

- How is it a tree has more rights to water than a human, tax paying property owner? Trees don't pay taxes and consume or evaporate 100% of the water they drink while a house consumes or evaporate 5%. On an evaporation/consumption, depletion basis, trees use 20 times more water

7 https://www.youtube.com/watch?v=valWK_xXPI8&ab_channel=EvanJohnson
8 https://www.fs.fed.us/rm/pubs_series/rmrs/rb/rmrs_rb020.pdf
9 https://www.architectureanddesign.com.au/features/list/how-many-houses-are-in-the-world#:~:text=As%20of%202021%2C%20there%20are,billion%20houses%20in%20the%20world.

than a house.
Along with flip the strip, the State should add cut the tree down to water slogans.

"HomeTips.com says a high-efficiency **furnace** can **produce** as **much** as 5 or 6 gallons of water from **condensation** each day. Most of the time, **condensate** pipes are set up to carry **condensation** outdoors through a hole in an exterior wall. The water is able to drain harmlessly into the ground. [10]

If Utah's1 million homes all had high-efficiency furnaces, on any given winter day 5 to 6 million gallons (15 to 18 acre-feet of water) would be harvest from the air. Over 90 days, 450 to 540 million gallons of water. In other words, every day the high-efficiency furnace runs, a house is virtually non-consumptive on water depletion. So why can't a property owner use a small amount of water from their land to a house without a water permit?

-

- When the pioneers came to Utah, maybe there was 1 billion trees. Today, it's 7.6 and headed and to 10 billion trees. Trees are prolific beautiful weeds.

- I can plant 10 trees using the water of 10 houses on my land, but I can't plant a house foundation on my land without a water right. How is it trees have more rights to water on my land than me? How did Utah get San Francisco like water laws?

- We cannot strip every drop of water from one person's land and give it to another. We must have some small water remainder rights to water with no permits. Not only to restore private property rights, but to de-weaponize water so Utah's water markets operate on a level playing field. Freer water markets will bring down the cost of water for homes, foster liberty, and increase property values or use and taxation.

- "Currently, there are only 16 public toilets between Big Cottonwood, Little Cottonwood, and Millcreek Canyons that serve the high number of visitors in the area."[11]. Despite $8 million spent by Mountain Accord, and millions by Central Utah Wasatch Commission, they have not installed any new public toilets in the canyons. What have those million meeting accomplished? Nothing. An estimated 1 million pounds of human poop has been deposited in Big Cottonwood alone.[12] Why have SLCO Public Water Providers fought so hard and so long to keep toilets and fire hydrants out of our watersheds?

We can do better, be a better State, when water rate payers are excited to open their water bills and see the city's leak rates declining, and see millions in federal water dollars coming to their city from their efforts educated from meaningful data on their water bills, when all land retains a little water, and people have water rights equal to trees.

10 https://findanyanswer.com/how-much-condensate-does-a-furnace-produce
11 https://cwc.utah.gov/human-waste-in-the-central-wasatch/
12 https://saveourbigcottonwoodcreek.org/

We need to ask better water questions like how many gallons did the sell and for how much? How many gallons did the divert from the source? How many gallons did the city leak? How many miles of water did the city replace? How miles of water lines does the city have? How many miles of water line are over 100 years old? How many lead pipes or connections does a city have?

We need to collect this data. We have over 1 million water meters in Utah. Water use and fee data should be collected in a Reader's Digest format for public review. We have millions of brilliant people in Utah. Inform them with clean, clear, simple water data so they can help get billions in federal dollars for Utah.

Some of the ideas in this article are not poplar. Seat belts, penicillin, and ideas that the world was round were not popular either.

SaveourBigCottonwoodCreek.org

Public Water Supplier Information

Old System View

View Reports | View Sources Map | Show Inactive Sources | Print/View PDF | Quit System

System Summary

System Name: **Salt Lake City Corp. Culinary Water (New)**
Address: 1530 South West Temple
City, State, Zip: Salt Lake City, UT 84115-5223
Business Phone: (801) 483-6770 Ext:
Email Address: Laura.Briefer@slcgov.com
Supervisor Name: Laura Briefer
Title: Director
Contact Name: Tamara Prue
County: Salt Lake
Water Right System ID: 11762
Public Water System ID: 18026
DEQ Category: Community

System Comments

```
**** 2020 **** Answer is yes to first question, as Rose Park and Glendale
golf course utilize Jordan River water for irrigation.
Answer is yes to second question, but SLCPU does not keep record of this
information.
Salt Lake County Flood Control may have a listing or partial listing.
SLCPU can put together a list of exchange contracts, but it will not be
comprehensive of all irrigation providers with the SLCPU service area.
**** 2021 **** Rose Park and Glendale Golf Courses divert untreated water
from the Jordan River/Surplus Canal.
```

General System Info

Year	Date Received	Population
2021	4/1/2022	369362
2020	7/12/2021	364982

Annual Retail Connection Info

(**Not Avail**: means that at least one of the values needed to calculate ERC is 0)

Year	Residential	Commercial	Industrial	Institutional	Stock	Wholesale	Other	Unmetered	Total	ERC Value
2021	73945	7406	244	3279	--	--	--	--	84874	156645.00
2020	72858	7031	204	3225	--	--	--	--	83318	161600.00

Annual Use Info (Displayed in Acre Feet)

Year	Residential	Commercial	Industrial	Institutional	Stock	Wholesale	Other	Unmetered	Total (ACFT)	Method of Measurement
2021	39,543.00	16,228.00	3,690.00	9,306.00	0.00	0.00	0.00	0.00	68,767.00	meter
2020	46,294.00	16,881.00	3,693.00	11,845.00	0.00	0.00	0.00	0.00	78,713.00	meter

Annual Use Totals (Displayed in Acre Feet)

Year	Total Retail Use (ACFT)	Total Fror	ale Sources	Estimated Water Loss %
2021	68,767.00	85,472.58		19.54
2020	78,713.00	97,378.27		19.17

19.54% x 85,472.58 is 16,701 acre-feet or 5.4 billion gallons of SLC leakage in 2021.
6 billion gallons SLC leakage in 2020.

Peak Day Demand Info (Displayed in Acre Feet)

Year	Measure: Y/N	Date:	Amount:	Inclu	nsl: Y/N	Whsl Amount:	Desc:
2021	Y	2021-06-19	161.97	Both		0.0000	Daily metered source inputs.
2020	Y	2020-08-20	517.35	Both		0.0000	

Political Boundaries

Year	Supply: Y/N	Connections Included: Y/N	Connectio
2021	Y	Y	23087
2020	Y	Y	23088

Source Summary (Displayed in Acre Feet)

Year	Status	2021	2020
1300 East Well (WS020)		1,240.19	1,355.04
2700 East Well (WS014)		332.29	357.34
4800 South Well (WS023)		12.10	210.57
4TH Avenue Well (WS017)		1,364.41	731.24
5400 S Edgewood Well (WS025)		260.83	346.00
Artesian Basin (Group)		416.42	354.03
Artesian Basin Well #1 (WS035)		153.03	152.17
Artesian Basin Well #2 (WS042)		158.13	480.42
Big Cottonwood WTP (WS001)		19,299.05	22,353.1
Brinton Spring Well (WS024)		718.77	851.01
City Creek WTP (WS003)		4,068.94	5,484.84
Diagonal Well (WS026)		197.38	586.86
Ellison Well (WS032)		652.72	616.72
Emigration Tunnel (WS008)		1,085.16	1,231.55
Fontaine Bleu Well (WS027)		338.53	116.83
Greenfield Village Well (WS30)		215.78	158.85
Millcreek Well (WS041)		1,184.47	845.68
Neffs Draw Well (WS013)		297.20	10.71
Nila Way Well (WS010)		0.00	96.27
Parleys WTP (WS002)		2,580.35	5,034.19
Received from MWDSLS (2100 South)		11,626.94	12,976.2
Received from MWDSLS (Deer CreeK)		30,238.42	30,812.4
Received from MWDSLS (LCC)		9,031.47	11,658.2
Upper Boundary Spring (WS006)		0.00	143.01
Walker Lane Well (WS033)		0.00	414.93
Total Per Year		85,472.58	97,378.2

Average flow of Big Cottonwood Creek is 54,000 acre-feet or 17.6 billion gallons.
.
SLC treated 19,299 acre-feet or 6.2 billion gallons.
.
Where does the remaining 11.4 billion gallons go?
.
Of the 6.2 billion gallons treated, 2/3 is for lawns. Leaving 2 billion gallons for industrial, commercial, and indoor use.
.
22.5% of SLC water from Big Cottonwood Creek. 22.5% of 84874 connections is 19,096 connections x 3 people per connection is 57,289 people x 11 gallons of tap water/yr/person = 630,179 gallons a year or 1.9 acre-feet. 19% leakage not factored in.
.
1.9 acre-feet/54,000 acre-feet = 0.0035%. In other words, 99.996% of Big Cottonwood Creek is not drunk as tap water. Canyon watershed policy has no basis in science.
.
Canyon managment should not be done with disruptive water monopoly, but
by some other equitable method.

Source List

Source Name: **1300 East Well (WS020)**
Source Id: 108546179
PLS Location: S 2054 ft W 290 ft from E4 cor Sec 20 T1S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N

Well ID Number: 1631
Water Right Number: 57-103

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	122.79	328.33	277.21	243.77	214.22	53.87	0.00	0.00	1,240.19	Individual Meter
2020	0.00	0.00	0.00	0.01	11.56	307.75	315.28	326.62	257.71	135.70	0.41	0.00	1,355.04	Individual Meter

Source Name: **1900 East Well (WS021)**
Source Id: 108546183
PLS Location: N 540 ft W 637 ft from SE cor Sec 21 T1S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1629
Water Right Number: 57-100

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Individual Meter

Source Name: **2700 East Well (WS014)**
Source Id: 108546173
PLS Location: S 1444 ft W 246 ft from NE cor Sec 03 T2S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1543
Water Right Number: 57-2389, 57-2543

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	26.68	68.28	78.91	75.81	73.36	9.25	0.00	0.00	332.29	Individual Meter
2020	0.00	0.00	0.00	0.01	14.44	81.85	82.69	76.86	73.50	27.99	0.00	0.00	357.34	Individual Meter

Source Name: **3300 South Well #4 (WS015)**
Source Id: 108546174
PLS Location: S 1638 ft E 408 ft from W4 cor Sec 25 T1S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1502
Water Right Number: 57-2234

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Source Name: **3300 South Well #5 (WS016)**
Source Id: 108546175

PLS Location: S 1335 ft E 520 ft from W4 cor Sec 25 T1S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1505
Water Right Number: 57-1719

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Source Name: **4800 South Well (WS023)**
Source Id: 108546184
PLS Location: S 893 ft W 3499 ft from NE cor Sec 08 T2S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1716
Water Right Number: 57-8874, 57-5437, 57-3480, 57-3509

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	0.00	1.96	9.11	1.03	0.00	0.00	0.00	0.00	12.10	Individual Meter
2020	16.76	0.00	0.00	13.34	41.62	29.32	29.64	34.96	20.74	24.19	0.00	0.00	210.57	Individual Meter

---

Source Name: **4TH Avenue Well (WS017)**
Source Id: 108546176
PLS Location: N 1652 ft E 1538 ft from SW cor Sec 31 T1N R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1556
Water Right Number: 57-116, 57-785

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	0.00	0.01	93.27	510.88	556.28	203.97	0.00	0.00	1,364.41	Individual Meter
2020	0.00	0.00	0.00	2.80	17.50	54.73	230.99	368.05	57.17	0.00	0.00	0.00	731.24	Individual Meter

---

Source Name: **500 East Well (WS018)**
Source Id: 108546177
PLS Location: N 1310 ft E 1978 ft from SW cor Sec 04 T1S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 25737
Water Right Number: 57-2697

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement

2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Individual Meter
2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Individual Meter

Source Name: **5400 S Edgewood Well (WS025)**
Source Id: 108546186
PLS Location: S 185 ft W 1580 ft from N4 cor Sec 16 T2S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1659
Water Right Number: 57-4032, 57-4033, 57-4034, 57-4035, 57-4036, 57-4037, 57-4038, 57-4039, 57-4040, 57-4041, 57-4042, 57-4043, 57-4044, 57-4045, 57-4046, 57-4047, 57-4048, 57-4049, 57-4050, 57-4051, 57-4052, 57-4053, 57-4054, 57-4055, 57-4056

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	1.01	68.42	69.55	54.41	62.46	4.98	0.00	0.00	260.83	Individual Meter
2020	0.00	0.00	0.00	0.00	28.91	70.88	98.44	90.96	49.65	7.16	0.00	0.00	346.00	Individual Meter

Source Name: **6200 South Well (WS028)**
Source Id: 108546189
PLS Location: S 90 ft E 740 ft from NW cor Sec 22 T2S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1656
Water Right Number: 57-4420

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Individual Meter

Source Name: **7901 South Highland Well (WS031)**
Source Id: 108546192
PLS Location: S 699 ft E 393 ft from NW cor Sec 34 T2S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 391
Water Right Number: 57-10064, 57-2403, 57-2405

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Individual Meter

Source Name: **Artesian Basin (Group)**
Source Id: 108546624
PLS Location: S 1681 ft W 823 ft from NE cor Sec 08 T2S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number:
Water Right Number: 57-3452, 57-3453, 57-3454, 57-3455, 57-3456, 57-3457, 57-3458, 57-3459, 57-3467, 57-3472, 57-3475, 57-3476, 57-3477, 57-

3481, 57-3497, 57-3498, 57-3499, 57-3500, 57-3501, 57-3505, 57-3506, 57-3507, 57-3513, 57-3515, 57-3516, 57-3519, 57-3473

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	105.47	9.48	59.19	78.30	151.43	12.55	0.00	0.00	416.42	Calculated
2020	6.51	20.85	9.43	85.16	68.05	48.21	19.69	0.00	11.70	9.93	12.53	61.97	354.03	Individual Meter

Source Name: **Artesian Basin Well #1 (WS035)**
Source Id: 108546195
PLS Location: S 1513 ft W 1036 ft from NE cor Sec 08 T2S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 32229
Water Right Number: 57-3461, 57-3462, 57-3463, 57-3464, 57-3465, 57-3466, 57-3502, 57-8878

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	3.66	29.28	29.06	39.87	19.90	20.22	11.04	0.00	153.03	Individual Meter
2020	16.66	0.00	0.00	7.33	26.97	14.73	18.82	29.51	22.00	16.15	0.00	0.00	152.17	Individual Meter

Source Name: **Artesian Basin Well #2 (WS042)**
Source Id: 108546198
PLS Location: S 1402 ft W 1515 ft from NE cor Sec 08 T2S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 33012
Water Right Number: 57-3510, 57-3511, 57-3512, 57-3514, 57-3474

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	2.92	27.44	35.99	50.58	15.41	13.52	12.27	0.00	158.13	Individual Meter
2020	0.00	0.00	0.00	1.26	43.87	73.20	137.44	156.72	65.88	2.05	0.00	0.00	480.42	Individual Meter

Source Name: **Big Cottonwood WTP (WS001)**
Source Id: 108546166
PLS Location: S 1821 ft E 3380 ft from NW cor Sec 25 T2S R1E SL
Source Type: Stream
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number:
Water Right Number: 57-7, 57-10817, 57-10818, 57-29, 57-30, 57-31, 57-32, 57-6793, 57-6794, 57-75, 57-8722, 57-8938, 57-90, 57-10149, 57-10150, 57-10329, 57-8966

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	1,154.15	1,046.10	1,336.56	1,515.44	2,950.06	2,721.09	1,555.32	992.87	1,454.97	1,604.57	1,568.40	1,399.52	19,299.05	Individual Meter
2020	1,526.31	1,349.91	1,462.61	1,509.70	2,942.23	3,260.49	2,580.50	1,730.37	1,714.01	1,764.82	1,300.88	1,211.27	22,353.10	Individual Meter

Source Name: **Brinton Spring Well (WS024)**
Source Id: 108546185
PLS Location: S 1047 ft E 1160 ft from N4 cor Sec 09 T2S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1652
Water Right Number: 57-4415, 57-7520

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	66.25	148.65	160.83	157.07	159.78	26.19	0.00	0.00	718.77	Individual Meter
2020	0.00	1.37	0.00	12.74	150.94	159.40	162.02	148.50	146.14	69.34	0.28	0.28	851.01	Individual Meter

---

Source Name: **City Creek WTP (WS003)**
Source Id: 108546168
PLS Location: N 900 ft E 920 ft from SW cor Sec 15 T1N R1E SL
Source Type: Stream
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number:
Water Right Number: 57-8840

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	279.71	243.81	297.57	386.22	597.45	563.95	399.34	321.09	265.17	237.68	230.91	246.04	4,068.94	Individual Meter
2020	352.56	323.25	410.17	593.14	800.30	758.99	584.35	435.20	336.01	311.60	287.29	291.98	5,484.84	Individual Meter

---

Source Name: **Diagonal Well (WS026)**
Source Id: 108546187
PLS Location: S 790 ft E 970 ft from NW cor Sec 16 T2S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1546
Water Right Number: 57-1337, 57-5527, 57-5528, 57-5529, 57-5530, 57-5531, 57-5532, 57-5533, 57-5534, 57-5535, 57-5536, 57-5537, 57-5538, 57-5539, 57-5540, 57-5541, 57-5542, 57-5543, 57-5544

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	7.74	112.01	58.32	9.19	2.55	7.57	0.00	0.00	197.38	Individual Meter
2020	0.00	0.00	0.00	0.00	111.61	66.36	92.73	108.30	144.18	63.68	0.00	0.00	586.86	Individual Meter

---

Source Name: **Dyers Inn Well (WS029)**
Source Id: 108546190
PLS Location: S 35 ft E 1271 ft from NW cor Sec 23 T2S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1669
Water Right Number: 57-2624

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Source Name: **Ellison Well (WS032)**
Source Id: 108546193
PLS Location: S 1682 ft W 485 ft from NE cor Sec 22 T2S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1663
Water Right Number: 57-2404

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	65.58	149.20	151.25	148.29	138.39	0.01	0.00	0.00	652.72	Individual Meter
2020	0.00	0.00	0.00	0.00	5.07	110.21	153.82	146.84	145.11	55.67	0.00	0.00	616.72	Individual Meter

Source Name: **Emigration Tunnel (WS008)**
Source Id: 108546170
PLS Location: S 1182 ft W 1032 ft from NE cor Sec 11 T1S R1E SL
Source Type: Tunnel
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number:
Water Right Number: 57-3568

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	74.44	67.97	88.71	133.26	142.25	128.78	125.18	71.24	60.06	59.00	62.94	71.33	1,085.16	Individual Meter
2020	115.65	109.10	124.11	140.81	141.83	128.10	111.73	89.66	75.92	69.20	53.76	71.68	1,231.55	Individual Meter

Source Name: **Fontaine Bleu Well (WS027)**
Source Id: 108546188
PLS Location: N 1865 ft E 355 ft from S4 cor Sec 16 T2S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1684
Water Right Number: 57-2627

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	2.99	150.12	94.65	65.83	24.93	0.01	0.00	0.00	338.53	Individual Meter
2020	0.00	0.00	0.00	0.00	5.54	13.40	9.42	54.69	32.86	0.92	0.00	0.00	116.83	Individual Meter

Source Name: **Greenfield Village Well (WS30)**
Source Id: 108546191
PLS Location: N 1620 ft E 160 ft from S4 cor Sec 21 T2S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal

Saline Water: N
Well ID Number: 1671
Water Right Number: 57-2626, 57-7559

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	0.00	87.18	87.62	40.98	0.00	0.00	0.00	0.00	215.78	Individual Meter
2020	0.00	0.00	0.00	0.00	2.14	23.72	37.45	58.61	36.93	0.00	0.00	0.00	158.85	Individual Meter

---

Source Name: **Millcreek Well (WS041)**
Source Id: 108546197
PLS Location: S 354 ft W 1060 ft from N4 cor Sec 34 T1S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1555
Water Right Number: 57-3115, 57-4407

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	0.01	233.25	329.86	261.91	311.13	48.31	0.00	0.00	1,184.47	Individual Meter
2020	0.00	0.00	0.00	0.00	2.95	0.01	297.74	321.75	223.20	0.03	0.00	0.00	845.68	Individual Meter

---

Source Name: **Neffs Draw Well (WS013)**
Source Id: 108546172
PLS Location: N 378 ft E 2586 ft from SW cor Sec 35 T1S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1542
Water Right Number: 57-2229

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	2.20	0.00	218.29	63.04	13.67	0.00	0.00	0.00	0.00	297.20	Individual Meter
2020	0.00	0.00	0.00	0.00	0.00	2.68	8.03	0.00	0.00	0.00	0.00	0.00	10.71	Individual Meter

---

Source Name: **New Emigration Well (WS036)**
Source Id: 108546196
PLS Location: N 1010 ft E 2130 ft from SW cor Sec 06 T1S R2E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number:
Water Right Number: 57-8855

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Source Name: **Nila Way Well (WS010)**

Source Id: 108546171
PLS Location: S 365 ft E 40 ft from NW cor Sec 02 T2S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1498
Water Right Number: 57-1894, 57-1895

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	0.00	0.00	0.00	0.00	0.00	0.00	13.55	42.42	39.66	0.64	0.00	0.00	96.27	Individual Meter

Source Name: **Parleys WTP (WS002)**
Source Id: 108546204
PLS Location: N 1236 ft W 36 ft from E4 cor Sec 09 T1S R2E SL
Source Type: Reservoir
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number:
Water Right Number: 57-10971, 57-10874, 57-10875, 57-8628

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	325.73	93.33	79.21	320.51	405.24	274.15	265.86	267.40	366.25	182.67	0.00	0.00	2,580.35	Individual Meter
2020	0.00	0.00	0.00	55.57	275.99	274.77	1,212.65	1,205.59	881.70	416.91	349.67	361.34	5,034.19	Individual Meter

Source Name: **Received from MWDSLS (2100 South)**
Source Id: 108546199
PLS Location: N 0 ft E 0 ft from NW cor Sec 36 T1N R1E SL
Source Type:
Source Status Active
Primary Use: Water Supplier
Diversion Type: Transfer In
Saline Water: N
Well ID Number:
Water Right Number:

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	301.28	271.53	279.80	420.04	1,214.75	2,072.16	2,668.93	1,583.48	1,386.16	617.89	467.32	343.60	11,626.94	Calculated
2020	34.22	388.43	346.84	326.31	1,422.83	1,676.80	2,605.62	2,805.56	1,916.93	839.21	294.61	318.91	12,976.27	Individual Meter

Source Name: **Received from MWDSLS (Deer CreeK)**
Source Id: 108546201
PLS Location: N 0 ft E 0 ft from NW cor Sec 36 T1N R1E SL
Source Type: Reservoir
Source Status Active
Primary Use: Water Supplier
Diversion Type: Transfer In
Saline Water: N
Well ID Number:
Water Right Number:

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	1,672.43	1,679.01	1,516.77	1,396.56	1,539.03	3,351.19	5,742.75	5,078.17	4,249.69	1,833.78	793.58	1,385.46	30,238.42	Calculated
2020	1,709.20	1,518.77	1,328.49	2,103.19	3,017.06	1,560.99	3,912.16	6,170.27	4,911.41	3,497.21	314.99	768.66	30,812.40	Individual Meter

Source Name: **Received from MWDSLS (LCC)**
Source Id: 108546202
PLS Location: N 0 ft E 0 ft from NW cor Sec 36 T1N R1E SL
Source Type: Stream
Source Status Active
Primary Use: Water Supplier
Diversion Type: Transfer In
Saline Water: N
Well ID Number:
Water Right Number:

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	319.26	331.62	437.84	608.23	1,720.21	1,906.89	675.66	578.37	397.97	644.21	799.69	611.52	9,031.47	Calculated
2020	560.10	476.51	658.29	848.30	1,806.58	2,531.11	1,438.99	521.78	233.98	234.02	1,335.72	1,012.86	11,658.24	Individual Meter

Source Name: **Sugarhouse Park Well (WS019)**
Source Id: 108546178
PLS Location: S 2315 ft E 58 ft from N4 cor Sec 21 T1S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1720
Water Right Number: 57-2697

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Source Name: **Upper Boundary Spring (WS006)**
Source Id: 108546169
PLS Location: N 237 ft E 27 ft from W4 cor Sec 31 T1S R2E SL
Source Type: Spring
Source Status Active
Primary Use: Water Supplier
Diversion Type: Withdrawal
Saline Water: N
Well ID Number:
Water Right Number: 57-10100

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	28.29	15.64	15.52	10.46	18.93	27.14	19.84	3.35	0.45	0.00	0.00	3.39	143.01	Individual Meter

Source Name: **Walker Lane Well (WS033)**
Source Id: 108546194
PLS Location: S 463 ft W 109 ft from NE cor Sec 16 T2S R1E SL
Source Type: Well
Source Status Active
Primary Use: Water Supplier

Diversion Type: Withdrawal
Saline Water: N
Well ID Number: 1747
Water Right Number: 57-2625

Comments

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual in Acre Feet	Method of Measurement
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	0.00	0.00	0.00	11.95	77.29	82.87	97.06	88.28	57.48	0.00	0.00	0.00	414.93	Individual Meter

Wholesale Summary

Year	Status	2021	2020
Total Per Year		**0**	**0**

Wholesale List

WRNUM	APPL_CLAI	Date_Priority	Date_Filed	WREX_CFS	WREX_ANI	WREX_ACFT
25-10805	A75230a	20040630	20040630	0		349.445
29-4418	A76640a	20060929	20060929	1.5	OR	420
25-10849	A75230a	20040630	20040630	0		69.82
15-4693	A40281a	19700921	19700921	0.015		0
18-722	A78332	20090108	20090108	6		0
35-10598	A71640	19980624	19980624	0.86		0
43-9864	A69531	19951229	19951229	0		1.18
45-5821	A72821	20000629	20000629	0		1000
45-5691	A70428	19961009	19961009	0		1800
14-111	T70082		19960605	0.0223		0
15-3251	A63913	19890508	19890508	10		0
59-5754	A26451ab	19541117	19541117	0.66		0
91-5218	A80210	20150206	20150206	0		5.73
09-2416	A80238	20150310	20150310	0		2.2553424658
09-2417	A80239	20150310	20150310	0		1.64783
05-3611	A80240	20150310	20150310	0		1.42484
43-12432	A79249	20120112	20120112	0		1.48
43-12740	A78275	20141215	20141215	0		1.45
43-12749	A75771	20150212	20150212	0		0.45
43-12751	A80223	20150223	20150223	0		1.03
43-12750	A80222	20150223	20150223	0		1.45
43-12753	A80233	20150306	20150306	0		1.48
43-12754	A80234	20150306	20150306	0		1.73
25-11263	A80215	20150209	20150209	0		1.73
25-11267	A76321	20150305	20150305	0		1.48
43-12755	A80235	20150311	20150311	0		1.48
43-12756	A80236	20150311	20150311	0		1.73
45-6546	A80237	20150312	20150312	0		1.73
43-3561	A28724	19561203	19561203	0		500
43-1243	A9098	19220803	19220803	0		7436
43-1244	A9100	19220803	19220803	0		1500
43-1246	A9111	19220803	19220803	0		38400
43-1247	A9115	19220803	19220803	0		250000
43-3184	A9095	19220803	19220803	0		1000
43-3185	A9097	19220803	19220803	0		2500
43-3186	A9099	19220803	19220803	0		10000
43-3187	A9102	19220803	19220803	0		4250
43-1223	A9132	19220808	19220808	300		0
49-207	A27344	19550819	19550819	5		0
31-2009	A27662	19551008	19551008	3		0
43-3555	A28718	19561203	19561203	0		500
43-3556	A28719	19561203	19561203	0		500
43-3558	A28721	19561203	19561203	0		500
43-3559	A28722	19561203	19561203	0		500
43-3560	A28723	19561203	19561203	0		500
43-3557	A28720	19561203	19561203	0		500
67-279	A31469	19591021	19591021	3		0

4.4 million acre-feet (1.43 trillion gallons) of Water Applications for free state water filed by Federal BOR - Market value based on $5k per acre-feet is $20 Billion.

67-284	A31537	19591127	19591127	7	0
67-289	A31773	19600318	19600318	3	0
67-296	A31965	19600519	19600519	4	0
45-340	A18043		19460904	0	800000
43-15	A18043	19460904	19460904	0	800000
41-2999	A32955	19610318	19610419	0	500
41-3000	A32955	19610419	19610419	0	500
45-2179	A32742	19610220	19610220	0	300
45-832	A32746	19610221	19610221	0	1500
45-2178	A32741	19610220	19610220	0	500
68-560	A33565	19610731	19610731	10	0
68-579	A33729	19610829	19610829	10	0
68-586	A33736	19610829	19610829	10	0
68-580	A33730	19610829	19610829	10	0
68-573	A33719	19610829	19610829	5	0
68-563	A33634	19610812	19610812	10	0
68-578	A33728	19610829	19610829	10	0
68-562	A33586	19610731	19610731	10	0
68-567	A33650	19610817	19610817	6	0
68-584	A33734	19610829	19610829	10	0
68-583	A33733	19610829	19610829	10	0
68-581	A33731	19610829	19610829	10	0
68-577	A33727	19610829	19610829	10	0
68-574	A33724	19610829	19610829	10	0
68-575	A33725	19610829	19610829	10	0
68-582	A33732	19610829	19610829	10	0
68-576	A33726	19610829	19610829	10	0
68-483	A28735	19610731	19561126	10	0
68-566	A33646	19610816	19610816	6	0
68-597	A33897	19611103	19611103	4	0
68-596	A33872	19611017	19611017	10	0
67-956	A57223	19811218	19811218	0.3	0
68-556	A33093	19610516	19610516	8	0
43-3602	A32475	19601110	19601110	5	0
63-423	A34716	19621110	19621110	5	0
45-2171	A32319	19600908	19600908	0	500
67-335	A35092	19630329	19630329	6	0
67-336	A35093	19630329	19630329	6	0
67-334	A35091	19630329	19630329	6	0
67-338	A35095	19630329	19630329	6	0
67-339	A35096	19630329	19630329	6	0
67-337	A35094	19630329	19630329	6	0
68-638	A35733	19631120	19631120	5	0
43-3828	A36645	19641204	19641204	0	1400000
45-1672	A36645	19641204	19641204	0	1400000
43-3830	A36681	19650122	19650122	1	0
43-3831	A36682	19650122	19650122	1	0
81-673	A36910	19650428	19650428	2	0

41-3090	A37008	19650603	19650603	0.1	0
66-96	A37041	19650622	19650622	0.05	0
49-113	A36979	19650519	19650519	0	250000
49-260	A37139	19650802	19650802	30 OR	21700
81-889	A38050	19670116	19670116	3	0
45-3369	A38623	19680201	19680201	0	35000
43-1999	A39211	19690127	19690127	0.067	0
68-1827	A39946	19700505	19700505	5	0
81-1174	A40115	19700721	19700721	4	0
81-1175	A40121	19700729	19700729	0	0
43-2409	A40116	19700727	19700727	0.015	0
81-1178	A40181	19700821	19700821	4	0
43-7235	A39910	19700414	19700414	6	0
81-1189	A40350	19701026	19701026	1	0
15-2376	A40371	19701112	19701112	3	0
43-2433	A40482	19710217	19710217	0.1	0
81-1208	A40597	19710421	19710421	1	0
71-3118	A40603	19710422	19710422	4	0
43-6815	A40709	19710618	19710618	0.1	0
54-92	A37093	19650713	19650713	0	0
81-1246	A40930	19710923	19710923	0.015	0
81-1247	A40931	19710923	19710923	2.5	0
81-1343	A42292	19730327	19730327	2	0
41-3206	A42631a	19730626	19730626	8.2	0
41-3204	A42841	19730829	19730829	2	0
15-1879	A43175	19740122	19740122	5	0
43-7683	A44705	19750213	19750213	2	0
43-7437	A43326	19740225	19740225	3	0
43-7455	A43406	19740428	19740428	10	0
43-7494	A43618	19740514	19740514	2	0
81-1425	A43629	19740520	19740520	3	0
41-3210	A43686	19740528	19740528	2	0
15-1905	A43863	19740712	19740712	5	0
81-1450	A43995	19740805	19740805	5	0
43-7574	A44005	19740808	19740808	10	0
43-7588	A44086	19740828	19740828	3	0
43-7586	A44084	19740828	19740828	3	0
43-7587	A44085	19740828	19740828	3	0
43-7589	A44087	19740828	19740828	0.1	0
43-7594	A44120	19740904	19740904	1	0
43-7584	A44076	19740829	19740829	2.5	0
43-7591	A44089	19740830	19740830	0.5	0
43-7603	A44143	19740906	19740906	0.1	0
43-7596	A44122	19740904	19740904	0.5	0
45-3564	A44170	19740916	19740916	0.5	0
43-7618	A44234	19741002	19741002	0.5	0
43-7611	A44223	19740930	19740930	3	0
43-7619	A44225	19740930	19740930	3	0

43-7643	A44404	19741115	19741115	0.5		0
43-7630	A44312	19741018	19741018	0.022		0
43-7629	A44311	19741018	19741018	0.015		0
43-7660	A44568	19750109	19750109	1.5		0
43-7661	A44569	19750110	19750110	0.1		0
63-2010	A44586	1975	19750117	0.111		0
43-7670	A44610	19750121	19750121	1		0
43-7665	A44605	19750129	19750129	0.25		0
43-7666	A44606	19750122	19750122	1		0
43-7681	A44703	19750213	19750213	1.5		0
43-7694	A44755	19750303	19750303	2		0
43-7687	A44735	19750228	19750228	1.5		0
45-3638	A45011	19750506	19750506	1		0
45-3647	A45097	19750527	19750527	0.5		0
81-1524	A45351	19750801	19750801	0.022		0
41-3222	A45431	19750805	19750805	0		63
41-3223	A45432	19750805	19750805	1		0
43-7595	A44121	19740904	19740904	0.5		0
81-1548	A45606	19751015	19751015	3		0
81-1476	A44506	19741217	19741217	0.015		0
95-1665	A45983	19760211	19760211	2		0
41-2955	A12918	19390628	19390628	233	AND	8800
81-1600	A46947	19760825	19760825	1		0
81-1606	A47062	19760921	19760921	3		0
43-8043	A47916	19770225	19770225	0.015		0
43-8057	A48105	19770318	19770318	0.015		0
31-4420	A48375	19770415	19770415	10		0
25-7414	A49144	19770525	19770525	1		0
68-1991	A49861	19770916	19770916	6		0
68-1997	A50245	19770916	19770916	2.5		0
68-2005	A50411	19771018	19771018	5		0
81-1685	A50479	19771101	19771101	4		0
68-2014	A50587	19771129	19771129	8		0
81-1701	A50857	19780127	19780127	12		0
81-1702	A50913	19780216	19780216	2		0
81-1711	A51288	19780418	19780418	3		0
63-2243	A51226	19780412	19780412	1.12		0
45-4403	A51850	19780801	19780801	3		0
63-2287	A52456	19781220	19781220	4	OR	7.9
63-2286	A52413	19781207	19781207	4	OR	7.9
68-2108	A52560	19790119	19790119	2		0
15-2691	A52951	19790420	19790420	2.1		0
43-3827	A36644	19641204	19641204	0		100000
68-2129	A52993	19790426	19790426	0.015		0
68-2130	A52994	19790426	19790426	0.015		0
81-1775	A53445	19790716	19790716	0.01	OR	7.24
81-1766	A53242	19790530	19790530	100		0
81-1765	A53241	19790530	19790530	40		0

81-1771	A53374	19790702	19790702	0.033		0
81-1782	A53729	19790907	19790907	0.2611		0
81-1781	A53728	19790907	19790907	1		0
45-4478	A53589	19790810	19790810	0.75		0
45-4479	A53590	19790810	19790810	1		0
41-3293	A53690	19790906	19790906	95		0
81-1786	A53771	19790827	19790827	2		0
68-2195	A54092	19791224	19791224	0.015		0
68-2197	A54094	19791224	19791224	0.015		0
68-2196	A54093	19791224	19791224	0.015		0
68-2198	A54091	19791224	19791224	0.015		0
68-2209	A54215	19800130	19800130	0.015		0
43-8561	A54078	19791218	19791218	0.5		0
68-2220	A54299	19800215	19800215	0.015		0
43-8696	A55008	19800731	19800731	0.015		0
68-2275	A55050	19800807	19800807	3.76	OR	216
68-2279	A55054	19800807	19800807	3.5	OR	258.8
68-2269	A55058	19800804	19800804	0.015		0
68-2271	A55046	19800807	19800807	5.15	OR	290.15
68-2278	A55053	19800807	19800807	5	OR	290.15
68-2276	A55051	19800807	19800807	5	OR	402.85
45-4586	A55812	19810219	19810219	2		0
43-8908	A55902	19810305	19810305	0.015		0
45-4597	A55973	19810316	19810316	445		0
43-8912	A55910	19810310	19810310	27		0
43-8913	A55911	19810310	19810310	26		0
43-8942	A56094	19810407	19810407	200		0
43-8943	A56095	19810407	19810407	80		0
45-4809	A56077	19810403	19810403	400		0
43-8938	A56080	19810406	19810406	0.015		0
45-4812	A56174	19810417	19810417	6		0
15-2896	A56409	19810527	19810527	10		0
63-2428	A56256	19810420	19810420	50		0
66-273	A56058	19810402	19810402	800		0
61-811	A56188	19810415	19810415	260		0
81-2188	A56376	19810518	19810518	500		0
63-2419	A56098	19810403	19810403	25		0
43-8940	A56083	19810406	19810406	500		0
65-2161	A56071	19810403	19810403	13	OR	2600
43-9027	A56691	19810723	19810723	2310		0
43-9096	A57114	19811109	19811109	70		0
81-2216	A57209	19811210	19811210	4		0
43-9117	A57194	19811208	19811208	250		0
43-9269	A58179	19820923	19820923	5		0
18-488	A58224	19821012	19821012	0.5		0
49-1226	A58210	19820917	19820917	1		0
63-2613	A58460	19830228	19830228	5		0
49-1232	A58394	19821230	19821230	0		28.6

49-1233	A58395	19821230	19821230	0		23.4
49-1234	A58396	19821230	19821230	0		27
49-1235	A58397	19821230	19821230	0		19.2
49-1236	A58398	19821230	19821230	0		6.6
49-1237	A58399	19821230	19821230	0		800
43-9341	A58508	19830204	19830204	0		1200
45-5084	A58501	19830201	19830201	15		0
31-4786	A59163	19830804	19830804	0.045		0
15-3022	A59406	19831021	19831021	20		0
45-5140	A59883	19840425	19840425	30		0
31-4858	A61411	19851204	19851204	0.5		0
43-10136	A63794	19890307	19890307	2	OR	1220
31-4958	A63805	19890314	19890314	3.453	OR	2500
15-3256	A64067	19890707	19890707	1	AND	200
31-5028	A64900	19900815	19900815	3		0
31-5033	A64930	19900904	19900904	3		0
31-5146	A68941	19950607	19950607	0		40.78
43-10521	A68837	19950505	19950505	600	OR	74300
15-3593	A68746	19950407	19950407	2		0
61-1845	A70571	19961223	19961223	0.015		0
35-10419	A70956	19970603	19970603	35	OR	12600
49-1611	A71370	19980203	19980203	0	OR	56
15-3896	A70955	19970603	19970603	0.1		0
43-10932	A72195	19990617	19990617	0.25		0
35-11204	A73841	20020208	20020208	4	OR	2896
43-11239	A73914	20020411	20020411	0		3
15-4338	A74430	20020816	20020816	0		5.29
35-11377	A74702	20030115	20030115	0		5.2
31-5229	A74845	20030321	20030321	0		1193
31-5227	A74751	20030124	20030124	0		4000
49-1626	A71869	19981208	19981208	0		4.73
29-4227	A75417	20040602	20040602	5		0
35-11603	A75410	20040526	20040526	12.13		0
29-4334	A76643	20061002	20061002	15		0
68-3119	A76809	20061219	20061219	0		123000
29-4346	A76831	20070109	20070109	5		0
29-4347	A76833	20070109	20070109	3		0
69-102	A76809	20061228	20061228	0		123000
17-217	A77473	20071212	20071212	0		50000
73-3687	A77524	20080128	20080128	0		28156
55-9159	A70333	19960827	19960827	6	OR	2000
13-3885	A78314	20081216	20081216	0		784
18-728	A78574	20090629	20090629	3	OR	360
18-729	A78575	20090629	20090629	1	OR	120
18-730	A78576	20090629	20090629	3	OR	320
18-731	A78577	20090629	20090629	1.5	OR	200
31-5280	D7140	1848	20090630	0.446	OR	228.4
14-124	A78815	20100322	20100322	0		13900

19-421	A78813	20100322	20100322	0	6400
69-109	A78814	20100322	20100322	0	6650
49-2326	A78904	20100811	20100811	0	9.12
35-12572	A79012	20110119	20110119	0	121.12
41-3664	A78860	20100602	20100602	0	2.86
95-5239	A78204	20080902	20080902	3	0
29-4524	A79240	20111229	20111229	0	111
29-4531	A79427	20120706	20120706	1	0
29-4535	A79495	20121009	20121009	0	137.06
29-4481	A78855	20100525	20100525	5 OR	3618.98
15-5224	A79759	20130619	20130619	0	0.56
25-11200	A79907	20140107	20140107	0	1.73
18-749	A79901	20131223	20131223	0	550.05
25-11223	A80028	20140513	20140513	0	300
95-5330	A32509c	19601129	19601129	0	36
18-753	A80065	20140626	20140626	0	1.5
89-1662	A80106	20140815	20140815	0	1.73
25-11236	A78054a	20080617	20080618	1.65 OR	1201
05-3604	A80147	20141020	20141020	0	5.73
25-11254	A80157	20141110	20141110	6	0
18-756	A80170	20141120	20141120	3 OR	320.56
43-12743	A80190	20150114	20150114	0	1.3
25-11260	A80187	20150112	20150112	0	1.48
89-1663	A80193	20150122	20150122	0	1.73
45-6541	A80198	20150126	20150126	0	0.56
29-4566	A80201	20150128	20150128	0	7
09-2414	A80206	20150130	20150130	0	4.73
18-757	A80205	20150202	20150202	0	10
97-2396	A80195	20150122	20150122	0	1.45
25-11262	A80202	20150130	20150130	25	0
19-439	A80207	20150203	20150203	0	1.73
97-2398	A80208	20150202	20150202	0	1.73
23-3943	A80196	20150122	20150122	0	8
45-6544	A80213	20150209	20150209	0	1.73
43-12748	A78539	20150212	20150212	0	1.48
23-3944	A80212	20150206	20150206	0	0.75
25-11264	A80216	20150217	20150217	0	1.73
95-5337	A80200	20150127	20150127	0.015	0
35-12944	A80214	20150209	20150209	0	28.564
23-3945	A80217	20150217	20150217	2.67	0
23-3946	A80218	20150217	20150217	0.947	0
45-6545	A80224	20150224	20150224	0	4
09-2415	A80220	20150219	20150219	0	4.45
29-4567	A80225	20150224	20150224	0	1
13-3960	A80228	20150226	20150226	0	0.53
81-5061	A80227	20150225	20150225	0	1.98
95-5338	A80229	20150227	20150227	0.015	0
95-5339	A80231	20150304	20150304	0.015	0

16-901	A80226	20150224	20150224	0		364.336
71-3347	A46912	19760821	19760821	20		0
94-98	A41628	19720804	19720804	0		30000
94-51	A33758	19610902	19610902	0		4000
15-540	A34165	19620326	19620326	0.5		0
59-4002	A35764a	19631210	19631210	5		0
81-858	A37837	19660810	19660810	3		0
81-859	A37838	19660810	19660810	2		0
94-76	A38366	19670726	19670726	0		15000
94-77	A38367	19670726	19670726	66		0
05-1159	A46540	19760604	19760604	0.5		0
09-638	A45883	19760116	19760116	4		0
68-2332	A56231	19810427	19810427	2.52	OR	208.92
93-3196	A56208	19810422	19810422	10		0
93-3197	A56209	19810422	19810422	10		0
93-3198	A56210	19810422	19810422	10		0
68-2333	A56232	19810424	19810424	2.768	OR	436.78
91-4988	A56101	19810403	19810403	75		0
59-5045	A59947	19840517	19840517	8		0
67-1597	A60660	19850213	19850213	10		0
57-8800	A61071	19850709	19850709	0.1		0
71-3775	A62154	19861030	19861030	2		0
81-3776	A66387	19920806	19920806	0.025	OR	18
81-2175	A51718a	19780710	19780710	3		0
81-1556	A45744	19751128	19751128	1		0
89-1535	A56630a	19810603	19810603	0.1575	OR	114.0388
71-3189	A42251	19730315	19730315	480		0
71-3478	A53243	19790530	19790530	20		0
71-3479	A53244	19790530	19790530	20		0
71-3188	A42250	19730315	19730315	32		0
71-3185	A42201	19730321	19730321	256		0
19-301	A45692	19751105	19751105	6		0
71-3180	A42108	19730201	19730201	544		0
97-1581	A56156	19810414	19810414	7		0
19-302	A45693	19751105	19751105	6		0
19-305	A45696	19751112	19751112	6		0
71-3186	A42202	19730302	19730302	2336		0
81-1712	A51289	19780418	19780418	3		0
71-2973	A38530	19671113	19671113	0.007		0
19-303	A45694	19751105	19751105	6		0
85-64	A36049	19640414	19640414	60		0
71-3299	A45409	19750819	19750819	1872.16		0
15-4120	A72409	19990927	19990927	0		1600
35-4559	A40554	19710331	19710331	2800	OR	1510000
31-4963	A63908	19890505	19890505	0		0
41-3171	A41254	19720408	19720408	0.1	AND	10
23-3525	A52277	19781030	19781030	4		0
85-790	A53304	19790618	19790618	1		0

61-1041	A59130	19830728	19830728	1	0
61-1040	A59129	19830728	19830728	1 OR	14.85
89-1524	A69628	19960117	19960117	0	500000
81-4412	A73531	20010702	20010702	0.5	0
68-1896	A43677	19740604	19740604	15	0
63-1707	A37617	19660506	19660506	3.7 OR	0.717
95-4019	A59666	19840203	19840203	0	100
68-2102	A52482	19781229	19781229	500	0
66-263	A52483	19781229	19781229	800	0
68-2876	A72869	20000516	20000516	0	1.506
68-1908	A44505	19741218	19741218	5	0
68-1892	A43673	19740604	19740604	15	0
68-1897	A43678	19740604	19740604	15	0
68-1893	A43674	19740604	19740604	15	0
68-1895	A43676	19740604	19740604	15	0
95-1724	A49953	19770804	19770804	0.5	0
68-1894	A43675	19740604	19740604	15	0
68-564	A33635	19610812	19610812	10	0
68-1898	A43679	19740604	19740604	15	0
68-588	A33249	19610901	19610901	10	0
95-623	A37556	19660405	19660405	2	0
68-587	A33748	19620901	19620901	10	0
68-585	A33735	19610829	19610829	10	0
68-1891	A43672	19740604	19740604	15	0
81-1358	A42587	19730615	19730615	2	0
71-3370	A47865	19770226	19770226	3	0
85-950	A62757	19870814	19870814	0	944
71-3674	A59784	19840328	19840328	10	0
71-3741	A61352	19851025	19851025	10	0
71-3745	A61396	19851125	19851125	0.5	0
71-3746	A61397	19851125	19851125	0.5	0
71-3748	A61399	19851125	19851125	1	0
71-3747	A61398	19851125	19851125	1	0
71-3753	A61473	19860107	19860107	0	1200
71-3784	A62316	19870302	19870302	2	0
71-3794	A62976	19871120	19871120	2	0
81-3596	A64266	19891010	19891010	5	0
81-3657	A64848	19900719	19900719	6	0
81-3656	A64847	19900719	19900719	9	0
81-3662	A64892	19900810	19900810	12	0
81-3661	A64891	19900810	19900810	11	0
81-3663	A64893	19900810	19900810	12	0
81-3693	A65091	19901221	19901221	500 OR	40000
81-3699	A65118	19910116	19910116	0	20000
81-3824	A66909	19930524	19930524	2	0
81-3830	A66945	19930610	19930610	10	0
81-3829	A66944	19930610	19930610	10	0
81-3828	A66943	19930610	19930610	5	0

81-3834	A66957	19930614	19930614	0		6000
81-3833	A66956	19930614	19930614	0		10000
81-3832	A66955	19930614	19930614	0		10000
81-3858	A67387	19940104	19940104	3		0
81-3861	A67411	19940111	19940111	15	OR	10000
81-3859	A67409	19940111	19940111	2	OR	1300
81-3860	A67410	19940111	19940111	3	OR	2000
81-3867	A67462	19940131	19940131	3		0
81-3866	A67461	19940131	19940131	3		0
81-3872	A67551	19940225	19940225	8		0
81-3882	A67663	19940325	19940325	3	OR	1950
81-3928	A68307	19941020	19941020	5		0
89-1525	A69668	19960201	19960201	0		100000
97-2093	A70121	19960618	19960618	0.015	OR	1.73
97-2094	A70122	19960618	19960618	0.015	OR	1.73
97-2109	A70498	19961104	19961104	0.015	OR	1.73
97-2108	A70497	19961104	19961104	0.015	OR	1.73
81-4116	A70573	19961224	19961224	0		52.58
89-1559	A71232	19971103	19971103	0		40000
89-1590	A72912	20000609	20000609	0		1.73
71-4164	A65870	19920210	19920210	5.5		0
81-3908	A68008	19940721	19940721	1		0
81-4022	A69672	19960202	19960202	0		307.26
81-4026	A69757	19960229	19960229	0		230.802
89-1561	A71391	19980217	19980217	0.769		0
81-4214	A71368	19980202	19980202	5		0
89-1604	A73994	20020515	20020515	0		1.73
94-1844	A64112	19890726	19890726	1.67	OR	175.42
09-1684	A64536	19900403	19900403	4		0
05-2324	A64727	19900529	19900529	1		0
09-1685	A64537	19900403	19900403	20		0
91-4823	A66075	19920423	19920415	10		0
25-3261	A27670	19551017	19551017	300	AND	350000
15-1699	A40965	19711016	19711016	2		0
15-3250	A63912	19890508	19890508	6		0
35-5186	A54360	19800311	19800311	2		0
45-3618	A44765	19750310	19750310	1		0
45-3586	A44392	19741111	19741111	0.1		0
47-1560	A50236	19770915	19770915	10	OR	4000
13-3144	A49439	19770624	19770624	3.33		0
13-3408	A57623	19820423	19820423	1		0
13-3437	A58998	19830620	19830620	8		0
29-2982	A59579	19840103	19840103	2		0
23-3690	A61979	19860814	19860814	2		0
25-8861	A62763	19870817	19870817	0		30000
25-8904	A63260	19880527	19880527	0		4
25-8928	A63511	19880826	19880826	10		0
25-8969	A63782	19890223	19890223	0.1		0

25-8970	A63783	19890223	19890223	0.1		0
29-3530	A63798	19890308	19890308	2		0
25-9056	A64624	19900427	19900427	1		0
25-9057	A64625	19900427	19900427	0.96		0
25-9062	A64664	19900510	19900510	25	OR	18000
25-9071	A64711	19900528	19900528	3		0
25-9126	A65254	19910326	19910326	1		0
25-9127	A65255	19910326	19910326	1		0
13-3575	A37607a	19660506	19660506	5.63		0
25-9199	A65995	19920401	19920401	1		0
25-9261	A66471	19920911	19920911	0.78		0
25-9385	A67114	19930817	19930817	2		0
25-9407	A67316	19931122	19931122	0		200
25-9402	A67279	19931025	19931025	2		0
25-9516	A68168	19940909	19940909	6		0
29-3834	A69952	19960426	19960426	1		0
25-9538	A68309	19941021	19941021	1		0
23-3771	A71132	19970919	19970919	0.5	OR	318
13-3793	A74086	20020624	20020624	0.5		0
25-9039	A64531	19900403	19900403	10		0
25-9038	A64530	19900403	19900403	10		0
29-4167	A74500	20020919	20020919	1	OR	320
25-4441	A37076	19650708	19650708	0		160000
25-4442	A37077	19650708	19650708	0		50000
29-1473	A37412	19660111	19660111	140		0
25-8309	A55921a	19810306	19810306	6		0
25-8039	A53546	19790806	19790806	0		200
29-4012	A72530	19991220	19991220	0		6.37
29-4007	A72522	19991220	19991220	0		6.45
29-4013	A72531	19991220	19991220	0		4.45
29-4011	A72529	19991220	19991220	0		4.45
81-1715	A37708a	19660616	19660616	0.76	OR	216.1983
59-4616	A38519a	19671102	19671102	0		100000
59-3437	A38519	19671102	19671102	0		100000
41-3344	A58457	19830117	19830117	8		0
45-5118	A59179	19830806	19830806	1	OR	365
43-9450	A59316	19830916	19830916	20		0
43-9449	A59315	19830916	19830916	6		0
45-5133	A59815	19860711	19840403	14.25		0
43-10444	A67477	19940201	19940201	2		0
45-5798	A72356	19990903	19990903	0		2000
43-11208	A73774	20011218	20011218	0		360
29-3907	A71402	19980220	19980220	5	OR	2500
51-3011	A40525	19710318	19710318	100		0
51-3012	A40526	19710318	19710318	0		100000
51-3013	A40527	19710318	19710318	200		0
16-807	A67489	19940209	19940209	0		5000
53-399	A40528	19710318	19710318	0		21000

57-3287	A34941	19630219	19630219	0	60000
57-3288	A34942	19630219	19630219	0	50000
57-10222	A72575	19991230	19991230	1.8 OR	1069.2
57-10223	A72576	19991230	19991230	1.8 OR	1069.2
57-10210	A72561	19991230	19991230	0.45 OR	265
57-10218	A72571	19991230	19991230	1.8 OR	1069.2
57-10229	A72582	19991230	19991230	1.8 OR	1069.2
57-10199	A72550	19991230	19991230	0.45 OR	265
57-10221	A72574	19991230	19991230	1.8 OR	1069.2
57-10216	A72567	19991230	19991230	0.67 OR	397
57-10226	A72579	19991230	19991230	2.25 OR	1336.5
57-10236	A72589	19991230	19991230	1.8 OR	1069.2
57-10232	A72585	19991230	19991230	1.8 OR	1069.2
57-10233	A72586	19991230	19991230	1.8 OR	1069.2
57-10196	A72547	19991230	19991230	0.45 OR	265
57-10202	A72553	19991230	19991230	0.22 OR	130.68
57-10234	A72587	19991230	19991230	1.8 OR	1069.2
57-10235	A72588	19991230	19991230	1.8 OR	1069.2
57-10230	A72583	19991230	19991230	1.8 OR	1069.2
59-5626	A72565	19991230	19991230	2.96 OR	1758.24
57-10212	A72563	19991230	19991230	0.22 OR	130.68
57-10209	A72560	19991230	19991230	0.11 OR	65.34
57-10237	A72604	19991230	19991230	0.88 OR	522.72
57-10259	A72629	19991230	19991230	2.25 OR	1336.5
57-10241	A72608	19991230	19991230	0.88 OR	522.72
57-10238	A72605	19991230	19991230	0.88 OR	522.72
57-10248	A72615	19991230	19991230	0.44 OR	261.36
57-10251	A72621	19991230	19991230	0.55 OR	326.7
57-10255	A72625	19991230	19991230	1.57 OR	932.58
57-10254	A72624	19991230	19991230	0.66 OR	392.04
57-10239	A72606	19991230	19991230	0.88 OR	522.72
57-10253	A72623	19991230	19991230	0.99 OR	588.06
59-5636	A72597	19991230	19991230	1.35 OR	802
59-5638	A72599	19991230	19991230	1.35 OR	802
59-5631	A72592	19991230	19991230	1.35 OR	802
59-5648	A72633	19991230	19991230	1.35 OR	802
59-5637	A72598	19991230	19991230	1.08 OR	641.52
59-5630	A72591	19991230	19991230	1.35 OR	802
59-5642	A72603	19991230	19991230	1.35 OR	802
59-5639	A72600	19991230	19991230	1.35 OR	802
59-5646	A72631	19991230	19991230	1.35 OR	802
59-5651	A72636	19991230	19991230	1.35 OR	802
59-5632	A72593	19991230	19991230	1.35 OR	802
59-5633	A72594	19991230	19991230	1.35 OR	802
59-5645	A72630	19991230	19991230	1.35 OR	802
57-10220	A72573	19991230	19991230	1.8 OR	1069.2
57-10206	A72557	19991230	19991230	0.22 OR	130.68
57-10207	A72558	19991230	19991230	0.22 OR	130.68

57-10208	A72559	19991230	19991230	0.22 OR	130.68
57-10225	A72578	19991230	19991230	2.25 OR	1336.5
57-10205	A72556	19991230	19991230	0.22 OR	130.68
57-10201	A72552	19991230	19991230	0.11 OR	65.34
57-10200	A72551	19991230	19991230	0.11 OR	65.34
57-10231	A72584	19991230	19991230	1.8 OR	1069.2
59-5625	A72566	19991230	19991230	0.67 OR	397
57-10204	A72555	19991230	19991230	0.11 OR	65.34
57-10228	A72581	19991230	19991230	1.8 OR	1069.2
57-10217	A72570	19991230	19991230	1.35 OR	802
57-10203	A72554	19991230	19991230	0.22 OR	130.68
57-10211	A72562	19991230	19991230	0.11 OR	65.34
57-10224	A72577	19991230	19991230	1.8 OR	1069.2
57-10198	A72549	19991230	19991230	0.45 OR	265
59-5627	A72564	19991230	19991230	0.67 OR	397
57-10197	A72548	19991230	19991230	0.45 OR	265
57-10227	A72580	19991230	19991230	1.8 OR	1069.2
57-10219	A72572	19991230	19991230	1.8 OR	1069.2
57-10256	A72626	19991230	19991230	1.34 OR	795.96
57-10243	A72610	19991230	19991230	0.88 OR	522.72
57-10249	A72616	19991230	19991230	0.99 OR	588.06
57-10246	A72613	19991230	19991230	0.77 OR	457.38
57-10257	A72627	19991230	19991230	1.79 OR	1063.26
57-10244	A72611	19991230	19991230	0.88 OR	522.72
57-10247	A72614	19991230	19991230	0.33 OR	196.02
57-10250	A72620	19991230	19991230	1.1 OR	653.4
57-10258	A72628	19991230	19991230	2.25 OR	1336.58
57-10252	A72622	19991230	19991230	0.44 OR	261.36
57-10240	A72607	19991230	19991230	0.88 OR	522.72
57-10242	A72609	19991230	19991230	0.88 OR	522.72
57-10245	A72612	19991230	19991230	0.77 OR	457.38
59-5635	A72596	19991230	19991230	1.35 OR	802
59-5647	A72632	19991230	19991230	1.35 OR	802
59-5628	A72569	19991230	19991230	1.35 OR	802
59-5654	A72639	19991230	19991230	1.35 OR	802
59-5655	A72640	19991230	19991230	1.35 OR	802
59-5629	A72590	19991230	19991230	1.35 OR	802
59-5643	A72617	19991230	19991230	1.35 OR	802
59-5653	A72638	19991230	19991230	1.35 OR	802
59-5640	A72601	19991230	19991230	1.35 OR	802
59-5656	A72641	19991230	19991230	1.35 OR	802
59-5650	A72635	19991230	19991230	1.35 OR	802
59-5641	A72602	19991230	19991230	1.35 OR	802
59-5649	A72634	19991230	19991230	1.62 OR	962.28
59-5634	A72595	19991230	19991230	1.35 OR	802
59-5652	A72637	19991230	19991230	1.35 OR	802
55-9271	A71269	19971204	19971204	0	49200
59-5729	A74570	20021104	20021104	0	3500

59-5578	A71432	19980313	19980313	0	35500
57-10276	A73385	20010510	20010510	0	4000
59-5727	A74354	20020809	20020809	4	0
51-1023	A9571	19240825	19240825	0	25000
55-83	A9572	19320621	19240825	200	0
55-780	A27318	19550811	19550811	5	0
51-1487	A32384	19601003	19601003	6	0
57-3577	A23595	19521003	19520226	20	0
53-131	A32631	19610124	19610124	5	0
55-1126	A34047	19620122	19620122	1	0
53-152	A34309	19620515	19620515	8	0
53-151	A34308	19620515	19620515	8	0
53-170	A35806	19640108	19640108	0.25	0
53-301	A37261	19651006	19651006	8	0
53-165	A35249	19630514	19630514	7	0
55-1240	A36288	19640630	19640630	0.015	0
55-1235	A36228	19640701	19640701	0.015	0
53-177	A36451	19640925	19640925	0.056	0
55-4112	A38027	19661228	19661228	2	0
55-4290	A39491	19690725	19690725	1	0
53-372	A38644	19680219	19680219	2	0
53-556	A44582	19750116	19750116	3	0
53-873	A54950	19800718	19800718	0.015	0
53-1019	A59946	19840516	19840516	3	0
59-4968	A59302	19830913	19830913	8	0
59-4969	A59300	19830913	19830913	8	0
59-4988	A59756	19840307	19840307	8	0
53-912	A57867	19820412	19820412	5	0
53-913	A57868	19820412	19820412	5	0
53-914	A57869	19820712	19820712	20	0
57-8668	A57848	19820614	19820614	3	0
57-8670	A58565	19830228	19830228	130	0
57-8672	A58567	19830228	19830228	130	0
51-1491	A32388	19601003	19601003	6	0
51-1490	A32387	19601003	19601003	6	0
57-3134	A32712	19610214	19610114	2	0
55-1088	A33192	19610529	19610529	2	0
59-1720	A35987	19640324	19640324	15	0
51-1687	A36287	19640630	19640630	0.015	0
55-1285	A36972	19650517	19650517	0.1	0
55-4091	A37886	19660912	19660912	1	0
55-4104	A37991	19661117	19661117	0.1	0
51-4605	A47526	19770128	19770128	4	0
54-500	A53161	19790524	19790524	6	0
55-6430	A53714	19790913	19790913	2.52	0
53-846	A54032	19791204	19791204	0.1	0
18-661	A72851	20000510	20000510	18	0
95-4009	A59562	19831216	19831216	5	0

63-3915	A64097	19890719	19890719	0.015		0
47-1566	A53246	19790607	19790607	0.1		0
45-5006	A57579	19820416	19820416	0.03		0
43-6888	A41543	19720629	19720629	0.23		0
43-8234	A51036	19780314	19780314	0.015		0
94-1853	A65375	19910516	19910516	5		0
59-5821	A76199	20060222	20060222	0		56880
49-304	A36979a	19650519	19650519	0		100500
54-569	A58977	19830513	19830513	1.5	OR	500
55-6883	A59167	19830805	19830805	5		0
92-640	A75527	20040824	20040825	400		0
68-3075	A75700	20050301	20050301	0		1
93-1007	A14476	19410906	19410906	60	OR	2000
18-703	A76583	20060907	20060907	0		560
18-704	A76584	20060907	20060907	0		720
53-1459	A72717	20000215	20000215	0		29000
09-464	A38542	19671116	19671116	0		35000
94-70	A37052	19650624	19650624	0		5000
94-80	A39580	19690912	19690912	0		25000
91-273	A32134	19600714	19600714	0		15000
94-71	A37490	19660210	19660210	0		6000
93-1006	A14475	19410906	19410906	40	OR	10000
93-1025	A21602	19500421	19500421	200		0
93-1024	A21601	19500421	19500421	200		0
91-274	A32135	19600714	19600714	0		0
91-279	A32446	19601026	19601026	0		6000
91-275	A32136	19600714	19600714	0		2000
91-280	A32447	19601026	19601026	0		2.2
91-736	A35609	19630916	19630916	10		0
09-414	A37287	19651014	19651014	0		68000
09-465	A38643	19680216	19680216	8	OR	2000
05-1156	A46538	19760610	19760610	3		0
93-1173	A49199	19770608	19770608	0		7000
05-1386	A50589	19771123	19771123	0		2000
91-4196	A53004	19790502	19790502	1		0
91-4265	A56431	19810601	19810601	550		0
05-1868	A56846	19810730	19810730	15		0
91-5012	A71653	19980701	19980701	500		0
94-304	A46248	19760413	19760413	1		0
05-814	A40698	19710614	19710614	0		12450
95-5151	A76647	20061004	20061004	0.015		0
95-5158	A76654	20061004	20061004	0.015		0
95-5154	A76650	20061004	20061004	0.015		0
95-5153	A76649	20061004	20061004	0.015		0
95-5162	A76685	20061023	20061023	0.015		0
95-5163	A76692	20061030	20061030	0.015	OR	1.2
95-5164	A76693	20061030	20061030	0.015	OR	1.2
95-5165	A76694	20061030	20061030	0.015	OR	1.2

95-5167	A76700	20061031	20061031	0.015		0
95-5169	A76751	20061115	20061115	0		1.368
95-5170	A76752	20061115	20061115	0		1.368
95-5156	A76652	20061004	20061004	0.015		0
57-10287	A73728	20011105	20011105	0		1000
57-10285	A73726	20011105	20011105	0		4536.82
57-10286	A73727	20011105	20011105	0		3000
15-563	A34846	19630118	19630118	3		0
45-5940	A73983	20020509	20020509	1		0
29-4252	A75646	20041208	20041208	0		1.45
29-4250	A75644	20041208	20041208	0		1.45
29-4253	A75647	20041208	20041208	0		1.45
29-4254	A75648	20041208	20041208	0		1.45
13-3875	A77950	20080502	20080502	0		32178.2
25-6841	A46176	19760324	19760324	1		0
13-1145	A37611	19660506	19660506	10		0
25-5412	A41132	19720216	19720216	0		471
13-3225	A52220	19781012	19781012	10		0
13-1114	A37119	19650727	19650727	50		0
13-1140	A37606	19660506	19660506	10		0
13-1143	A37609	19660506	19660506	10		0
13-1144	A37610	19660506	19660506	10		0
13-1142	A37608	19660506	19660506	10		0
29-1478	A37434	19660124	19660124	638		0
13-2160	A38890	19680705	19680705	70		0
25-5413	A41133	19720216	19720216	1.5		0
13-3227	A52222	19781012	19781012	4		0
13-3226	A52221	19781012	19781012	3		0
13-3224	A52219	19781012	19781012	3		0
25-8307	A56636	19810710	19810710	6		0
25-9046	A64571	19900406	19900406	2		0
65-2158	A56101	19810403	19810403	75		0
68-2272	A55047	19800807	19800807	5.9	OR	398.87
71-3274	A44509	19741220	19741220	770.59		0
68-2280	A55085	19800812	19800812	3	OR	504.92
68-2283	A55111	19800820	19800820	2.451	OR	140.07
71-3554	A54684	19800529	19800529	46		0
71-3555	A54698	19800530	19800530	33		0
75-819	A37958	19661013	19661013	0.2		0
67-1595	A46642	19760706	19760706	925		0
67-1596	A46652	19760707	19760707	1510		0
85-60	A36044	19640414	19640414	6	OR	4344
71-3230	A43409	19740331	19740331	1.35		0
67-347	A35513	19630812	19630812	6	OR	0
68-2274	A55049	19800807	19800807	4.06	OR	235.28
29-1458	A37078	19650708	19650708	0		125000
29-1438	A36722	19650209	19650209	0		150000
29-1439	A36723	19650209	19650209	300		0

13-1141	A37607	19660506	19660506	4.37	0
13-2914	A44452	19741202	19741202	3	0
13-2932	A44687	19750206	19750206	6	0
13-2933	A44688	19750206	19750206	6	0
13-2964	A45221	19750602	19750602	10	0
13-3260	A53430	19790716	19790716	2	0
29-2372	A53810	19790925	19790925	4	0
13-3341	A55756	19810210	19810210	1.5	0
29-4433	A78129	20080730	20080730	0	4
13-2130	A38403	19670822	19670822	150 OR	60000
15-4591	A76103	20051208	20051208	0	72
29-1468	A37382	19651220	19651220	10	0
71-3445	A52318	19781113	19781113	0.333	0
15-4590	A76103	20051208	20051208	0	72
15-4588	A76103	20051208	20051208	0	72
15-4589	A76103	20051208	20051208	0	72
81-427	A32427	19610324	19601020	0	4000
81-334	A28790	19570104	19570104	2	0
25-10844	A77503	20071228	20071228	0	749.98
61-810	A56187	19810415	19810415	260	0
67-1001	A58414	19830106	19830106	23	0
95-4060	A61361	19851104	19851104	150 OR	50000
65-2381	A63039	19880120	19880120	20	0
97-2096	A70124	19960618	19960618	0.015 OR	1.73
29-4377	A77170	20070629	20070629	0	147.5
29-4395	A77396	20071015	20071015	0	320
89-1241	A46095	19760308	19760308	3	0
89-1239	A46093	19760308	19760308	1	0
89-1238	A46092	19760308	19760308	1	0
89-1237	A46091	19760308	19760308	1	0
97-2057	A68803	19950426	19950426	0	60.24
97-2172	A71610	19980617	19980617	0	1.73
68-640	A35789	19631226	19631226	2	0
81-1249	A40945	19711006	19711006	4	0
81-1349	A42378	19730424	19730424	0.015	0
53-140	A33274	19610609	19610609	4	0
51-1648	A34947	19630221	19630221	2	0
55-1241	A36290	19640630	19640630	0.004	0
81-933	A38389	19670807	19670807	2	0
55-4719	A42148	19730209	19730209	0.2	0
51-1621	A34503	19620809	19620809	1	0
53-525	A42300	19730330	19730330	0.5	0
53-685	A52823	19790323	19790323	0.015	0
81-895	A38115	19670303	19670303	2	0
89-164	A40812	19710722	19710722	3	0
97-1478	A40878	19710823	19710823	3	0
97-1493	A41757	19720913	19720913	5	0
85-747	A43446	19740405	19740405	1	0

97-1517	A43403	19740326	19740326	1.5		0
89-1235	A46089	19760308	19760308	1		0
89-1236	A46090	19760308	19760308	1		0
89-1240	A46094	19760308	19760308	1		0
71-3684	A60093	19840710	19840710	46.78	OR	33870
97-2090	A70118	19960618	19960618	0.015	OR	1.73
97-2091	A70119	19960618	19960618	0.015	OR	1.73
81-1724	A51970	19780818	19780818	4		0
85-1112	A77195	20070711	20070711	0		3900
13-3579	A38970a	19911206	19911206	1		0
13-3223	A52218	19781012	19781012	4		0
19-399	A76675	20061017	20061017	0		10000
51-5440	A59326	19830920	19830920	5		0
51-5443	A59324	19830920	19830920	10		0
51-5521	A59344	19830928	19830928	16		0
51-5568	A60595	19841224	19841224	30		0
51-1638	A34801	19630107	19630107	3		0
13-2762	A40441	19710119	19710119	4		0
13-3023	A46897	19760817	19760817	4		0
23-3528	A52720	19790225	19790225	5		0
73-2290	A44454	19741127	19741127	450		0
81-1188	A40340	19701016	19701016	0.53		0
73-2415	A54434	19800328	19800328	5		0
73-2416	A54435	19800328	19800328	5		0
73-2417	A54436	19800328	19800328	3		0
73-2418	A54437	19800328	19800328	5		0
71-4600	A71875	19981210	19981210	24		0
95-5251	A78500	20090513	20090513	0.015	OR	1.73
29-4407	A77515	20080116	20080116	0		8.4
29-4009	A72524	19991220	19991220	0		6.37
29-4010	A72527	19991220	19991220	0		6.49
29-4419	A77912	20080416	20080416	6.68		0
55-1127	A34056	19620130	19620130	0		9000
57-8112	A46118	19760317	19760317	18		0
57-8667	A58466	19830120	19830120	450		0
59-3878	A41817	19720928	19720928	0.8		0
59-4513	A49381	19770624	19770624	100		0
55-6203	A51949	19780817	19780817	0.015		0
57-8579	A56020	19810325	19810325	30		0
51-5442	A59325	19830920	19830920	10		0
15-4283	A73817	20020118	20020118	0.324		0
15-2369	A40281	19700921	19700921	0.485		0
92-665	A78510	20090527	20090527	600		0
09-961	A50227	19770915	19770915	0		450
15-2169	A38318	19670626	19670626	1		0
15-2171	A38400	19670821	19670821	0.1		0
05-2002	A58268	19821013	19821013	0		500
25-10883	A78054	20080617	20080618	16.35	OR	11807.6

71-5188	A78601	20090625	20090625	5	0
09-613	A44679	19750214	19750214	0.75 OR	321.76
49-211	A27994	19560403	19560403	5	0
49-212	A27995	19560403	19560403	5	0
43-3597	A31691	19600205	19600205	0	2000
43-3189	A9133	19220308	19220308	57	0
43-1248	A9121	19220808	19220808	1000	0
43-1249	A9124	19220808	19220808	1600	0
43-1250	A9130	19220808	19220808	100	0
43-1251	A9131	19220808	19220808	100	0
43-338	A9129	19220808	19220808	476	0
43-3821	A36638	19641119	19641119	0	200000
95-5277	A79030	20110224	20110224	0	1
29-3685	A66106	19920511	19920511	3	0
25-9092	A64954	19900913	19900913	1.5	0
25-9689	A69588	19960102	19960102	0	6
29-4333	A76640	20060929	20060929	1.5 OR	420
75-1466	A39470	19690707	19690707	2	0
25-9212	A66041	19920417	19920417	0.1	0
43-12484	A79398	20120611	20120611	0	1.48
97-2056	A68802	19950426	19950426	0	60.24
18-686	A75897	20050721	20050721	0	640
05-2272	A64022	19890615	19890615	1	0
29-4540	A79710	20130508	20130508	0	1.4
01-1188	A79106	20110623	20110623	0	5.726
45-6479	A79771	20130702	20130702	0	1.28
41-3705	A79790	20130725	20130725	0	0.308
43-12652	A79940	20140214	20140214	0	1.48
73-3582	A76660	20061012	20061012	200	0
73-3581	A76659	20061011	20061011	0	20000
71-5235	A78956	20101011	20101011	6.908 OR	5000
71-5236	A78957	20101011	20101011	69.0803 OR	50000
15-2914	A56953	19810821	19810821	7	0
18-687	A75933	20050721	20050721	0	1280
18-688	A75934	20050721	20050721	0	640
18-689	A79535	20050721	20050721	0	1280
18-691	A79537	20050721	20050721	0	640
18-693	A79538	20050721	20050721	0	640
18-694	A75939	20050721	20050721	0	640
18-695	A75940	20050721	20050721	0	640
18-696	A79541	20050721	20050721	0	640
18-697	A75942	20050721	20050721	0	640
18-698	A75943	20050721	20050721	0	640
93-3749	A74584	20021030	20021030	0.015 OR	4.73
01-112	A52822	19790328	19790323	1	0
05-2306	A64320	19891122	19891122	0.1	0
69-118	A76677a	20061017	20061017	0	5475
57-10399	A78727	20091209	20091209	40 AND	900

63-4605	A78440	20090326	20090326	400 OR	289591
95-5320	A79886	20131114	20131114	0.015 OR	1.48
65-2790	A70789	19970331	19970331	0	1.48
15-5244	A79947	20140227	20140227	0	4.73
57-10444	A80136	20140930	20140930	1.5	0
21-1842	A80211	20150206	20150206	0	0.45
21-1840	A80172	20141125	20141125	0	4
23-3942	A80173	20141125	20141125	0	8.4
13-3955	A80185	20150108	20150108	0	0.7
29-4564	A80194	20150122	20150122	0	1.73
29-4565	A80197	20150123	20150123	0	1.73

10624344.47511