



EK



Lake Level: 2/8/19
430.0 feet



The Lake Berryessa News

Without **THE LAKE BERRYESSA NEWS** there would be no Lake Berryessa news!



March, 2019

Glory Hole Overflows (2/26/19): Lake Berryessa is Full Again And 4' Above The Spillway!

Glory Hole Spill Watch is Over. The "How High Will It Go" Watch Is On!

Lake Berryessa overflowed Glory Hole at 10:30 AM on Tuesday, February 26, 2019.

The lake level hit 444.1' - 4.1' above Glory Hole at 8AM, 2/28/19. That's an increase of more than 5' in 24 hours!

In 2017 the highest point was 443.6'. Before that it was 443.5' in 2006. Highest lake level was 446.7' in 1983.

Two day rainfall in the Berryessa Highlands was 6.8" - season total is at 36.7" as of 2/28/19. Season total rainfall at Monticello Dam is now at 31.4".

Photographic and video evidence shows the lake spilling over at 10:30 AM. However, the official measurement provided by the Solano County Water Agency at that exact moment was 439.9 feet - off by 1 inch. The "official" machine-measured time of the lake hitting 440 feet was 11:30 AM.

The Lake Berryessa water level is officially measured on the Monticello Dam in a "stilling well" equipped with a float tape attached to a digital rotary encoder that measures to 0.01 ft.

The Glory Hole is 72 feet in diameter at lake level, 245 feet long, and narrows down to about 28 feet at the exit to Putah Creek below the dam. The rim of the structure is very flat - as can be seen from the photos and videos showing lake water spilling over at exactly the same height all around its circumference.

Those of us who have ever used a bubble level to simply hang a picture frame should be immensely impressed by the this feat of engineering from 1956.

The fact that the calibration between the measuring device and the actual lake level



EK

2/27/19: Lake Level = 444.0'

is only off by one inch is amazing. The very different meanings. Measurements Solano County Water Agency should that are close to the known value are said to simply recalibrate their measuring device be accurate, whereas measurements that by one inch to increase its accuracy to are close to each other are said to be match the empirical evidence. precise.

Precision and accuracy are often used The ideal situation is when the interchangeably, but in science they have measurement is both accurate and precise.



2/26/19, 10:30 AM

That happens when your eyes see the water start to flow into Glory Hole at the same time as your cell phone app shows 440 feet on the SCWA lake level web site.

Glory Hole Spill Watch: 2019

Lake Level - 2/8/19, 430'
Only 10' To Go!

Lake Level - 9AM, 2/16/19, 436.5' Only
3.5 Feet To Go!

Lake Level - 2/19/19, 437.2'
Only 2.8 Feet To Go!)

Lake Level - 2/22/19, 438'
Only 2 Feet To Go!

Lake Level - 2/25/19, 438.2'
Only 1.8 Feet To Go!

Lake Level - 2/26/19, 10AM, 439.2'
Only 3.5 Inches To Go!

Lake Level - 2/26/19, 10:30 AM, 440'-
Berryessa is Spilling into the Glory Hole

Glory Hole Spill Watch is Over.
"How High Will It Go" Watch Is On!

As of 8 AM on 2/28/19 the lake appears
to have stabilized at 444.1' - 4.1' above
Glory Hole.

Deadline Desperation Space Fillers
Autocorrect makes me say things I
didn't nintendo.

I don't understand metaphors very well.
Sometimes I'm so far off base, I have to
swim to shore.

"Anti-intellectualism has been a constant
thread winding its way through our
political and cultural life, nurtured by the
false notion that democracy means "my
ignorance is just as good as your
knowledge." Isaac Asimov

AMBER PAYNE
REALTOR
CalBre#: 01302244
707-235-1124
888-864-4133 (fax)
www.amberpayne.net
amberp@terrafirmaglobalpartners.com

Octagon House on 10 Scenic Acres!
<http://octagonhouseon10acres.com/>

5310 Monticello Road

Uniquely designed custom-built two story home. Gorgeous oak tree park-like setting with beautiful open space, abundant wildlife. Workshop/Artist studio. Open octagon ceiling, incredible views.

1,684 Sq. Ft.
3 Bedrms, 2 Baths
Master Bdrm w/Open Cathedral Ceiling
Radiant Heat Flooring
Guest Bdrm/Bath Downstairs
Open Kitchen w/Custom Oak Cabinets
Above ground Pool & Pool House
Artistic Decor Throughout
\$950,000

BERRYESSA BOAT REPAIR

Winterize Your Boat Now To Protect It For A Trouble Free Spring!
Call For Our Winterization Special - Save \$\$\$\$
BERRYESSA BOAT . JET SKI . RV REPAIR & STORAGE

4420 KNOXVILLE ROAD | 3 MIN NORTH OF SPANISH FLAT RESORT
We offer quality repairs and a gated storage facility. We service all makes and models of Boats, Jet Skis, and RVs. Whether you need a basic tune up, rebuilt engine, gel coat or upholstery, we are your best choice. We are Mobile too, land or water, we can come to you! Outdoor Storage from \$50 per month is available. Our Parts Department is available to order anything you need, whether a battery or an engine. Proshop coming soon with basic boating supplies and hot new products for fun on the water!!

berryessboatrepair@gmail.com | 707.966.9954

PURITII WATER FILTRATION SYSTEM VOTED 2017 BEST SPORTS & RECREATION PRODUCT

Save as much as 3,000% over buying bottled water - 1 Puritii Water Filter replaces 453 Plastic Bottles Of Water!

PURITII FROM ARIIX
www.AriixWaterFilter.com
707-258-1609

Refill from any lake, pond, or stream

and have perfect water every time.

Glory Hole: Awesome, Frightened, But Dangerous?

Editors Note: There's been a lot of news coverage of Lake Berryessa during the last few days now that the Glory Hole has spilled again for the second time in three years. The photos and videos taken by the Lake Berryessa News Drone have amazed, and frightened, people who have never seen the Glory Hole in action before. Inevitably the question is raised about the danger of the structure.

It's difficult to get close to the Glory Hole at any time due to the barriers in place. And only a fool would cross the buoy line to get close to it when it's flowing strongly four feet over the edge, as it is now. The Glory Hole has on/y spilled 25 times in 60 years. This year is the 26th. But back in 1997 a woman did die when she fell in.

In the story from SFGATE below you can see that the water was not very high if she was able to grip the top for so long. There was speculation at the time that she had purposely pushed herself over the edge, not been "sucked" in.

Woman Sucked Into Lake Berryessa Spillway (Wednesday, March 12, 1997)

Emily Schwalek, 41, of Davis was killed Sunday when she was sucked down a spillway at the Monticello Dam at Lake Berryessa. The spillway, which drops straight down more than 200 feet, is known as the Glory Hole. It routes excess water from the lake down an 28-foot-wide pipe. Authorities said witnesses reported seeing Schwalek swimming toward the spillway at about 6:30 p.m. Sunday. The woman dropped out of sight after gripping the edge of the hole for about 20 minutes, witnesses said. There has never been a documented case of anyone else falling through the Glory Hole.

The Napa Valley Register Cutting Back: Offers Buy-out To Senior Staff

In very bad news for the Napa community, Iowa-based Lee Enterprises, which owns The Napa Valley Register, laid off three employees from its already decimated payroll and offered buy-outs to several well-known senior editorial staff. There's no word on who might leave, but apparently they have until April 1 to decide.

As is well known, newspapers around the country are shedding staff, reducing frequency and shutting down, mostly due to the move of advertising to the internet. This is bound to have a devastating impact on the paper's coverage of the community — and local newspapers are the major glue holding communities together.

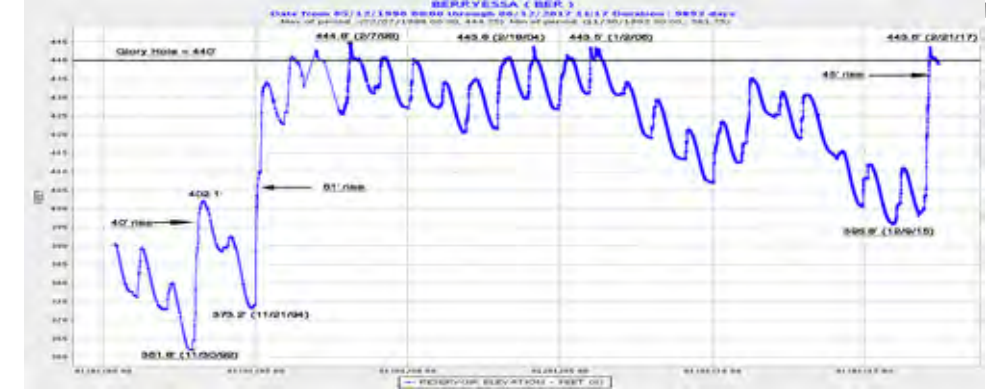
The Lake Berryessa News is a community newspaper dedicated to providing local news not found anywhere else. Without *The Lake Berryessa News* there would be no Lake Berryessa news! But its costs are rising for newsprint and digital access. The Davis Enterprise, which prints the paper version, just raised printing costs by 50% due to a significant increase in the cost of newsprint.


Publicly traded Lee Enterprises also owns the weekly St. Helena Star and Weekly Calistogan. By contrast, Sonoma Media Investments, the local company that owns the Santa Rosa Press Democrat has invested in the community and was once interested in acquiring the Napa papers. The Yountville Sun and Calistoga Tribune are independent.

The cutbacks at the Napa Valley Register could have a serious impact on community awareness, especially important politics, but also affecting food, wine, entertainment and arts businesses and organizations. So far, no civic-minded philanthropist has come forward to fill the breach.


It might be even better if a wealthy local would acquire the Napa network and start building it up again for the community rather than an indifferent corporation simply interested in profits. It might be more satisfying than owning a winery these days! Jeff Bezos, the world's richest man, offers an extreme case. He bought the Washington Post and has invested to make it an important national voice – and growing.

(Thanks to Paul Franson who publishes the NapaLife Newsletter. You can subscribe by contacting Paul at paul@napalife.com.)






AMBER PAYNE
REALTOR
CalBre#: 01302244
707-235-1124
888-864-4133 (fax)
www.amberpayne.net
amberp@terrafirmaglobalpartners.com



Live the Lake Berryessa Lifestyle!
www.BerryessaHighands.com

1,049 Sq. Ft.
3 Bedrms, 2 Baths
Master Suite,
Kitchen, Dining
Area Open Onto
Decks With Magical
Sunsets & Views
Terraced Rear
Yard
Lemon, Orange,
Lavender, Roses!
1 Car Garage

318 Black Oak Lane
Visit for the outdoor recreation...or LIVE the Lifestyle!
Located at beautiful Lake Berryessa this meticulously
maintained single story home captures treasured views!



TERRA FIRMA
GLOBAL PARTNERS
A real estate company for life

\$439,000



AMBER PAYNE
REALTOR
CalBre#: 01302244
707-235-1124
888-864-4133 (fax)
www.amberpayne.net
amberp@terrafirmaglobalpartners.com



Cute Single Story at Lake Berryessa!
www.Bahiavistact.com

3 Bdrms, 2 Baths
Spacious Master
Suite
Dining Room Opens
To Deck With Views
Vaulted Ceilings
Open Kitchen w/
Stainless Steel
Appliances
New Carpet & Paint
Indoor Laundry

809 Bahia Vista Court
Enjoy this light and bright floor plan. Located close
to Lake Berryessa recreation ~ Perfect for full-time
living or a second home getaway!



TERRA FIRMA
GLOBAL PARTNERS
A real estate company for life

\$320,000



AMBER PAYNE
REALTOR
CalBre#: 01302244
707-235-1124
888-864-4133 (fax)
www.amberpayne.net
amberp@terrafirmaglobalpartners.com



Single Story Lake View at Lake Berryessa!
www.SteeleCanyonRoad.com

1,632 Sq. Ft.
3 Bedrms, 2 Baths
Great Deck
Large Fenced Yard
Filtered Lake Views
2 Car Garage
Boat & RV Parking
Lots of Extra Room

1325 Steele Canyon Road
Single story 3 bedroom, 2 bath home features an open
floor plan with an enclosed sunroom on a corner lot.



TERRA FIRMA
GLOBAL PARTNERS
A real estate company for life

\$449,000

30 Years ago at Lake Berryessa (Febrary, 1988)

People often ask about the history of the closed Corners gas station. Here's a piece of that history. Joey Pearce of Joey's Watercraft Repair at Steele Park Resort and Joey's Watercraft Racing fame used to work at the gas station with his father Bob. Joey's sisters, The Pearce Sisters, who were part of the Jimmy Durante Show and were a famous competing act to The Lennon Sisters from the Lawrence Welk Show.

Page 6, BERRYESSA, PPF - Saturday, February 6, 1988

BUSINESS OF THE WEEK



Bob Pearce

10th Anniversary for Bob Pearce's Union 76

It is the tenth anniversary of the "Union 76" gas station operated by Bob Pearce at Moskowite corners. Pearce and his wife Darlene vacationed at Lake Berryessa from Thousand Oaks, California many years ago and decided to make a home here. At that time, Bob was the road manager for entertainer Jimmy Durante and several of their daughters were "The Pearce Sisters", a musical group that headlined with Durante's act all over the world. (Note: Mr. & Mrs. Pearce have 13 children.) (Watch for future story about Bob's past career!)

For a semi-retired person, Pearce is one of the hardest working people you could meet. The station provides automotive and marine service, auto towing, marine supplies, bait, tackle, minnows, propane and good conversation to travelers needing direction or information. They are also open 7 days a week, with winter hours of 7 a.m. - 5 p.m.

Happy Anniversary, Bob. Let's make it another 10 years!

March 2019 Horoscopes

Aquarius (1/20-2/18): While it is true that all-knowing God sees every sparrow that falls, He finds it a lot more amusing to watch you tumble down the stairs a couple times per week.

Pisces (2/19-3/20): They say that knowing is half the battle, but they never talk about how the other half is tactical deployment and careful use of grenades.

Aries (3/21-4/19): You'll be pleased to find that science has long since achieved your dream of creating a smaller, cuddlier, domesticated version of the tiger.

Taurus (4/20 – 5/20): Scientists will announce the discovery of sunspots spelling out your name this week just to see if they can get you to stare at the sun all day.

Gemini (5/21 – 6/21): There will be nothing you can do to avert the disaster of next week, although there will be plenty that a reasonably bright and competent person could do.

Cancer (6/22-7/22): Losing weight will improve your performance in all areas of life, but bolting on new shock absorbers is painful and counterproductive.

Leo (7/23-8/22): You'll learn too late that while it may be easy and even justifiable to ridicule the French, they take their full-contact judo very seriously.

Virgo (8/23-9/22): The "king's men" part you can understand, but you've never really comprehended how "all the king's horses" were supposed to help.

Libra (9/23-10/22): A messenger from the Lord will appear to you in glory this this week and in a voice that shakes mountains and shivers oceans, announces price hikes on all divine services.

Scorpio (10/23-11/21): This week's revelations will be especially mortifying for you, seeing as you've been insisting for years that that life is not some sort of big pie-eating contest.

Sagittarius (11/22-12/21): Although they say it's not over until the fat lady sings, increasingly unrealistic body image standards mean it's now over during vocalization by any female over 135 pounds.

Capricorn (12/22-1/19): You'll be trapped in a paralyzing dilemma that can only be solved if you learn something new, take the initiative, or have an original thought of your own.

Daylight Saving Time 2019

2:00 AM on Sunday, March 10

Wise old Indian reflects on Daylight Savings Time: "Only a white man would believe you could cut off top of blanket, sew it to bottom of blanket, and have longer blanket."

Berryessa Lions Club
St. Patrick's Day Dinner
Corned Beef and Cabbage
All You Can Eat - \$20
Saturday, March 16th
Cocktails - 5PM
Dinner - 6PM until 8PM
For Reservations Call
The Turtle Rock
707-966-2246

I used to have an inferiority complex, but my shrink said I was too inferior to be complex.

The scientist was thrown off the jury for demanding they repeat the trial to make sure it gets the same result

A farmer asked me if I could round up his 59 sheep and I said sure...60

Salmon swim upstream because downstream is too

ENGINEERING CONTRACTORS



1305 Capell Valley
Napa, California 94558
PBCEstimating@gmail.com

707-224-0682
Fax 707-224-8104
Licence 384371



Allied Propane Service

Chevron Pro Gas

Bulk and Cylinder Delivery
Propane Cylinders & Accessories
Residential, Agricultural
Commercial, Industrial
24 Hour Emergency Service
All Tank Sizes Available
Aboveground & Underground
Gas System Engineering & Design
Gas Piping Construction
Outdoor Heating Specialists
Vineyard Flaming Specialists

221 Devlin
Napa CA 94558
707-252-5500
707-678- 8500 (Dixon)
Serving the Napa Valley
since 1991
www.alliedpropaneservice.com



SPANISH FLAT MOBILE VILLA

The Only Privately-Owned Park within Walking Distance to Beautiful Lake Berryessa

This small, well-run park combines affordable vacation spaces with permanent homes in a safe, attractive setting.

Year-Round RV Spaces and Manufactured Home Sites Available

Within the Park: Pool, Laundry Facility, Lake Access Trail

Within Walking Distance:
Cucina Italiana Restaurant,
Spanish Flat Country Store

For application, please call

707-966-1124

Stylish Custom Lake VIEW Home!

<http://lakeviewhome4sale.com>



3 Bdrm, 2 Bath
2,652 sq.ft.

Knotty Pine Living
Room w/Vaulted
Ceilings

Family Room

Master Suite w/
Jetted Tub & Access
to Deck

Formal Dining
Room w/Deck
Access

Above Ground Pool
Boat/RV Parking

\$520,000

1040 Blueridge Drive

Spacious custom lake view home with amazing views only a scenic 45 minute drive from Napa. Close to Spanish Flat Village Center stores & restaurant and Spanish Flat Resort boat launch.

Darling Lake Home!

<http://lakeberryessahome.com/>



2 Bdrm, 1 Bath
1,017 sq.ft.

Quarter Acre+

Updated Kitchen

Wood Stove

Boat/RV Parking

\$295,000

1016 Eastridge Drive

Enjoy this darling lake home. Located in a serene setting with wonderful views. Almost feels like a tree house. Charming, close to lake access for all things outdoors!

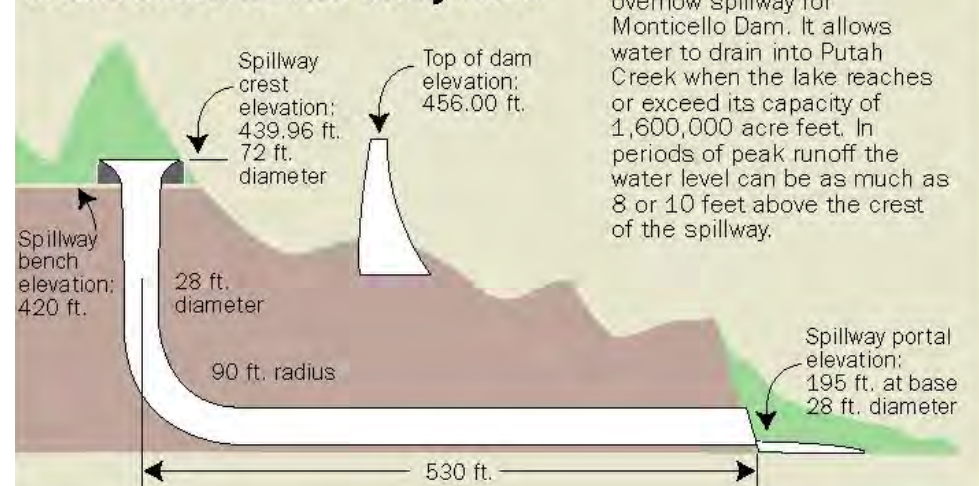
Mandatory Boater Education

Beginning January 1, 2018, the Boater's Safety Course and Certification was required in California. California began implementing its new seven-year phase-in of the mandatory boater safety education law for boaters who operate a motorized vessel on California waterways. As of January 1, 2018, all boaters 20 years or younger were required to take the safety course and carry their boaters cards while operating a boat on public waters. The age requirement goes up every year.

Effective January 1, 2019, boat cards must be held by operators younger than of 25 years of age. (www.boatus.org/california)

2/27/19: Lake Level = 442.5'

Cross section: The Glory Hole



Measuring Levels and Rainfall

Some folks may wonder how the Solano Irrigation District and the Solano County Water Agency which are responsible for the operation of the dam and the use of the water manage to get such accurate lake level and rainfall readings.

The Lake Berryessa water level is actually measured on the Monticello Dam in a "stilling well" equipped with a float tape attached to a digital rotary encoder that measures accurately to 0.01 ft.

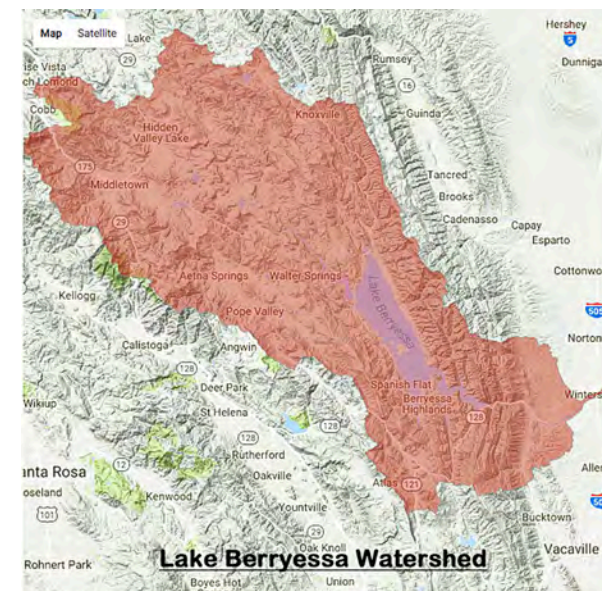
Rainfall is measured using a tipping bucket rain gauge. However, the rain gauge on the top of Monticello Dam has never been very representative of precipitation in the overall Lake Berryessa area. The location, surrounded by mountains on two sides with a strong up-draft coming up the canyon and over the dam, prevents getting reliable data. SCWA is considering changing this gauge location.

For example, the total rainfall measured at the dam as of 2/27/19 is 31.4". But a weather station in the Berryessa Highlands puts total rainfall this season at 35.8" - a 4.4" difference.

The Lake Berryessa Watershed

Rainfall measurements at the dam may not be representative of the area, but they are also not the best indicator of how fast the lake may rise. The Lake Berryessa watershed is primarily fed by Putah Creek which originates from springs on the east side of Cobb Mountain in Lake County.

The upper watershed encompasses the 576-square mile area upstream of Monticello Dam. Putah Creek merges with Butts Creek just before it empties into Lake Berryessa. Therefore, rainfall over the Cobb Mountain and Middletown areas provides the bulk of water entering Lake Berryessa. NO connection to Clear Lake.



The Greater Lake Berryessa Region

